Table of Contents Apolonia Apartments Environmental Assessment

1	Location Map
2	Project Designs
3	Airport Map
3a	Listed Airports
4	Coastal Barrier Resource Act Map
5	Flood Insurance Rate Map
5a	Puerto Rico Planning Board No Requirement Flood Insurance Form 21-Nov-2022
6	Nonattainment Area Map
6a	EPA Green Book & Air Quality
7	Coastal Zone Map
8	EPA Facilities Map
8a	NEPAssist Areas of concern table 3,000 ft buffer of project site
8b	Phase I ESA (2025)
8c	Memorandum for Infeasibility
8d	Impracticability of Radon Testing
9a	Critical Habitat Map and Memorandum
9	United States Fish and Wildlife Service (USFWS) Informal Consultation Package
10	Explosive and Flammables Map
10a	Above Storage Tanks (ASTs) Survey
10b	Acceptable Separation Distance (ASD) Calculation
11	Farmlands Map
11a	Farmlands Supporting Documentation
11b	US Urban Census Bureau Map
12	Advisory Base Flood Elevation (ABFE) Map
13	State Historic Preservation Office (SHPO) Consultation
13a	Instituto Cultura Puertorriqueña (ICP) Letter
13b	Archaeology 1A-1B Study (2008)
14	Noise Abatement and Control Distance Maps (Major Road, Railroad, Airport)

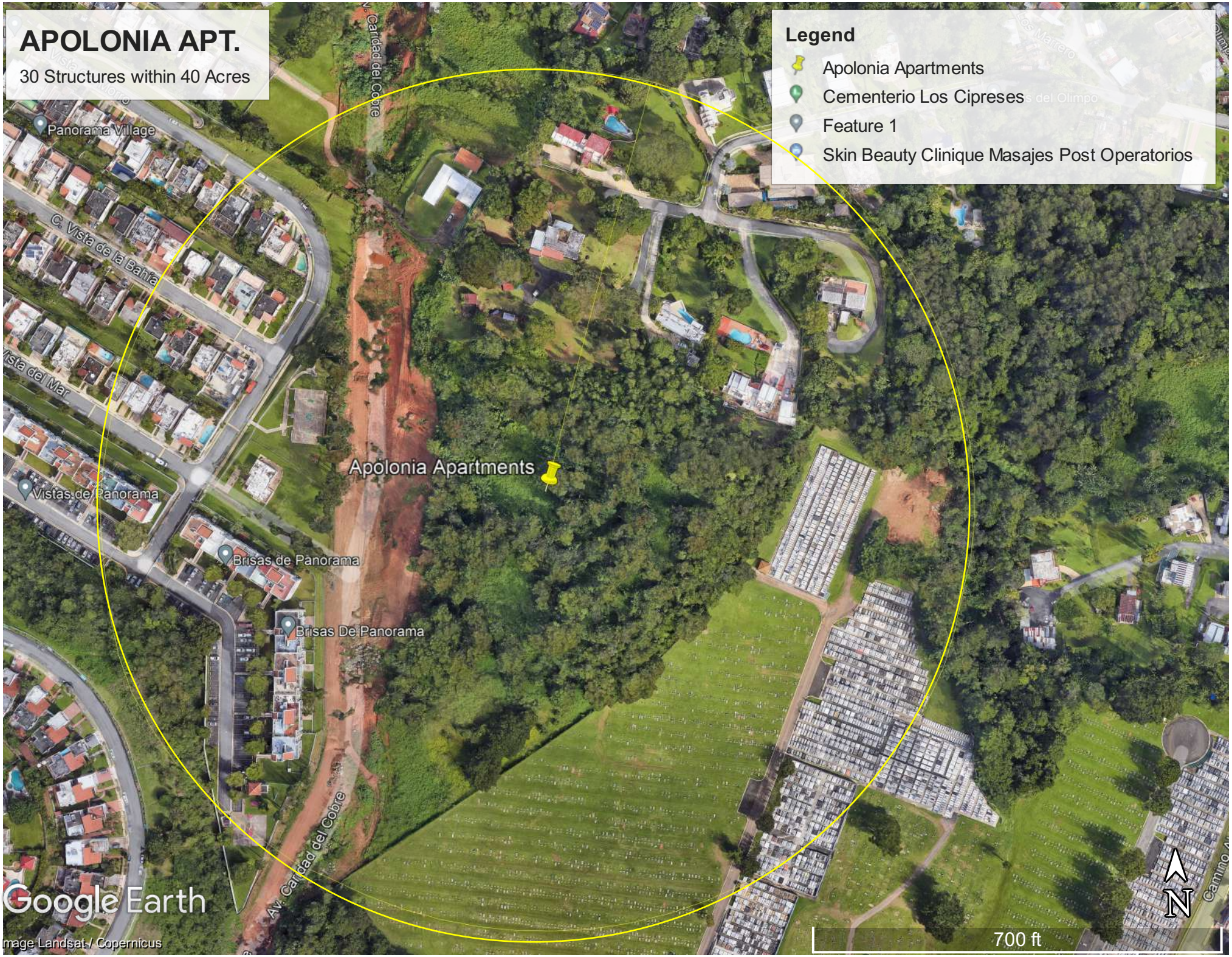
14a	Noise Study
14b	Autoridad de Carreteras y Transportación (ACT) Response Letter
15	Sole Source Aquifers Map
16	National Wetlands Inventory (NWI) Map
16a	Wetlands Visual Assessment
17	Wild and Scenic Rivers Map
18	Site Photo Log
19	USGS Topographic Map
20	Department of Agriculture Classification of Zone
21	Karst Topography Map
22	Municipality Endorsement Letter
23	Geotechnical Study (2006)
24	Confirmation Soil Study (2019)
25	Autoridad Metropolitana de Autobuses (AMA) Route Map
26	Department of Natural and Environmental Resources (DNER) Response Letter
27	Traffic Study (2008)
28	Autoridad de Energía Eléctrica (AEE) Response Letter
29	Project Description

1

Location Map

APOLONIA APT.

30 Structures within 40 Acres

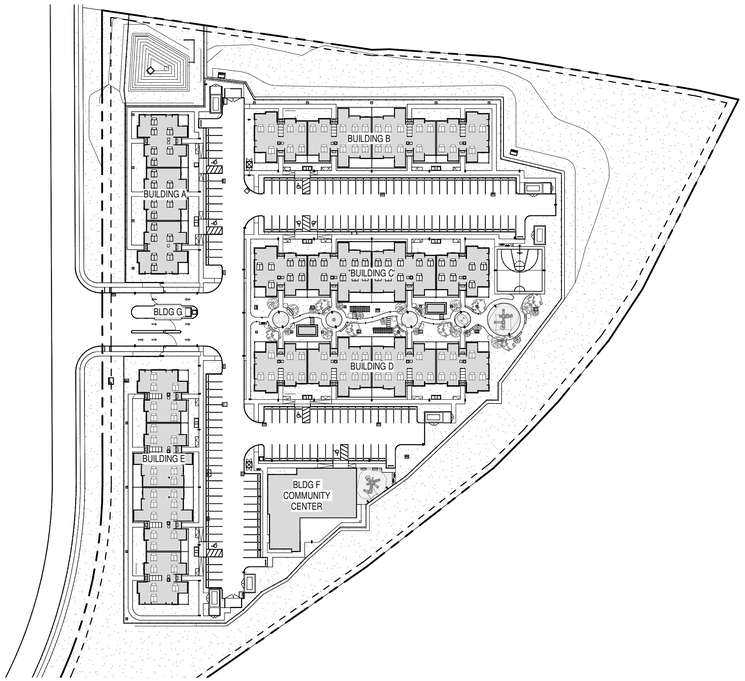


2

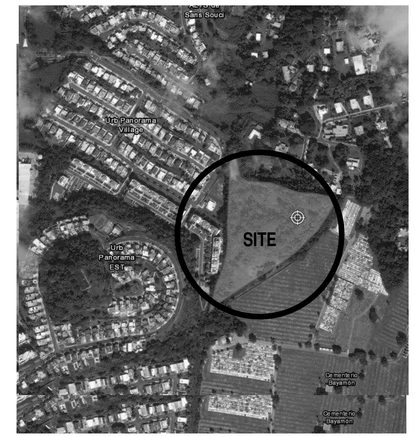
Project Designs

APOLONIA APARTMENTS
ARCHITECTURAL SITE PLANS

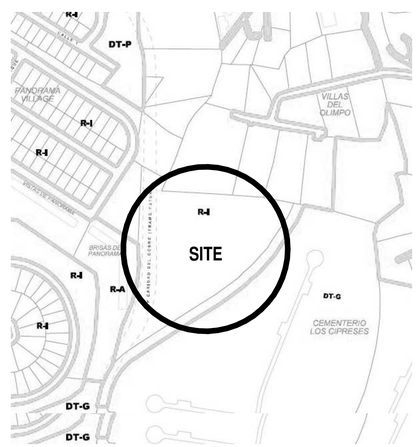
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO



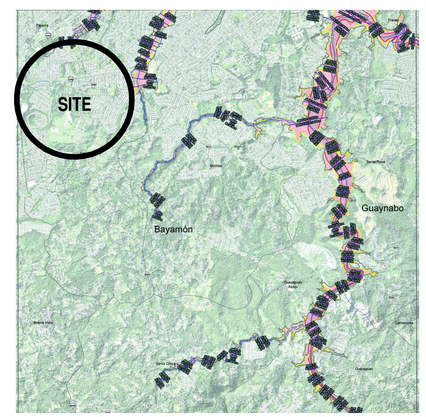
ISSUE: ISSUE FOR PERMIT
DATE: 12/12/2023



B4 LOCATION MAP
SCALE: NOT TO SCALE NAD 83-x: 226639.0698, y: 258244.1743



A3 ZONING MAP
SCALE: NOT TO SCALE



A4 FLOOD MAP
SCALE: NOT TO SCALE

DESIGN CRITERIA

PROJECT DESCRIPTION

THE PROPOSED PROJECT IS AN AFFORDABLE-HOUSING DEVELOPMENT LOCATED IN THE CERRO GORDO NEIGHBORHOOD IN THE MUNICIPALITY OF BAYAMON, PUERTO RICO. THE DEVELOPMENT WILL CONSIST OF 138 APARTMENT UNITS IN A MIX OF TWO, AND THREE-BEDROOM UNITS, RANGING FROM 650 TO 1,145 SQUARE FEET. ALL OF THE UNITS WILL BE IN 3-STORY WALK-UP BUILDINGS.

THE DEVELOPMENT WILL ALSO INCLUDES A MANAGEMENT/COMMUNITY CENTER BUILDING OF APPROXIMATELY 3,272 SQUARE FEET, TOGETHER WITH OUTDOOR RECREATIONAL AREAS, LANDSCAPED AREAS, UTILITIES, PARKING WITH CONTROLLED ACCESS, WALKS, CHILDREN'S PLAYGROUNDS, GAZEBOS, MAIL AREA, GARBAGE/REC'YCLING AREAS, AND OTHER AMENITIES ASSOCIATED WITH THIS TYPE OF DEVELOPMENT.

ZONING COMPLIANCE

THIS PROJECT WILL COMPLY WITH THE APPLICABLE CODES AND DESIGN PARAMETERS, GOVERNED BY THE FOLLOWING APPLICABLE REGULATIONS:

REGLAMENTO CONJUNTO DE 2023
ZONING MAP: BAYAMON
ZONING DISTRICT: R-I
EFFECTIVE DATE: JUNE, 16, 2023

BUILDING DESCRIPTION

THE SITE CONSIST OF (5) FIVE 3-STORY WALK-UP BUILDINGS, (1) ONE MANAGEMENT/COMMUNITY CENTER BUILDING,(6) SIX CHILDREN 'S PLAYGROUND, (2) TWO GAZEBOS, (4) FOUR TRASH/RECYCLING AREAS,(2) GARBAGE STATION, (1) MAIL AREA, UTILITIES, (1) ONE HALF-COURT BASKETBALL, AND 156 PARKINGS FOR RESIDENTS AND VISITORS.

FLOOR PLAIN DATA

FLOOD ZONE: X
ADVISORY BASE FLOOR ELEVATION (ADFE): X
MAP NUMBER: 72000C0710H
EFFECTIVE DATE: APRIL 13, 2018

APPLICABLE CODES

BUILDING: PRBC 2018/ IBC 2018

ENERGY: PUERTO RICO ENERGY CONSERVATION CODE 2018

MECHANICAL: PRMC 2018 / IMC 2018 / ASHRAE 62.1 / ASHRAE 90.1 / ASHRAE 15 / ASHRAE 55 / ASME A 17.1

PLUMBING: PR PLUMBING CODE 2018 / PR FUEL GAS CODE 2018 / NFPA 54 / NFPA 22

ELECTRICAL: LUMA STANDARDS AND REGULATIONS / NETPR STANDARD AND REGULATIONS / NFPA 70 / NFPA 2 / NFPA 101 / NFPA 110 / PRBC 2018

FIRE/LIFE SAFETY: International Fire Code 2018 / NFPA 13, NFPA 20 / NFPA 22 / NFPA 15 / NFPA 101 / OSHA STANDARDS

ACCESIBILITY: ADA 2010 / IBC 2018/ FHA 1998/ UFAS/ANSI A117.1-2017

PROJECT TEAM:

CIVIL ENGINEER:
HF ENGINEERING CONSULTING GROUP, PSC
ANTONIO F. HERNANDEZ-CRUZ, PE
PMB 269
425 CARR 693 STE 1
DORADO, PR 00696

STRUCTURAL ENGINEER:
ING. MIGUEL A. ZAPATA P.E.
PARQUE TORREMOLINO
CALLE I A-4 GUAYNABO PR 00969

MECHANICAL ENGINEER:
JORGE LEDON WEBSTER PE PSC
100CARR 165, SUITE 604
CIM 1, GUAYNABO PR 00968

ELECTRICAL ENGINEER:
JRR & ASSOCIATES
ALFONSO LAZARO
PO BOX 1587 HATO REY
PUERTO RICO, 00919

FIRE PROTECTION ENGINEER:
JORGE LEDON WEBSTER PE PSC
100CARR 165, SUITE 604
CIM 1, GUAYNABO PR 00968

PROGRESS SET
(NOT FOR CONSTRUCTION)

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

YO, ARQ. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	03/24/2023
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

COVER SHEET

SHEET ID

MASTER SITE

G000

CONSTRUCTION DOCUMENTS

12/15/2023 11:34:15 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

SHEET INDEX

SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE	SHEET REVISIONS		
			REVISION MARK	DATE	DESCRIPTION
00. GENERAL					
G000	COVER SHEET		D	12/12/2023	ISSUE FOR PERMIT
G001	SHEET INDEX		D	12/12/2023	ISSUE FOR PERMIT
G002	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS		D	12/12/2023	ISSUE FOR PERMIT
G004	ADA STANDARDS FOR ACCESSIBILITY		D	12/12/2023	ISSUE FOR PERMIT
04. CIVIL					
C-101	PROPOSED GENERAL SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
C-102	PROPOSED GENERAL SITE PLAN 1 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-103	PROPOSED GENERAL SITE PLAN 2 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-201	WATER DISTRIBUTION SITE PLAN 1 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-202	WATER DISTRIBUTION SITE PLAN 2 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-301	SANITARY SEWER SITE PLAN 1 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-302	SANITARY SEWER SITE PLAN 2 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-401	STORM SEWER SITE PLAN 1 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-402	STORM SEWER SITE PLAN 2 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-501	PROPOSED FINAL GRADING SITE PLAN 1 OF 2		D	12/12/2023	ISSUE FOR PERMIT
C-502	PROPOSED FINAL GRADING SITE PLAN 2 OF 2		D	12/12/2023	ISSUE FOR PERMIT
07. ARCHITECTURAL SITE					
AS100	ARCHITECTURAL SITE PLAN- GROUND FLOOR		D	12/12/2023	ISSUE FOR PERMIT
AS101	ARCHITECTURAL SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
AS102	SITE DIAGRAM - UNIT NUMBERS		D	12/12/2023	ISSUE FOR PERMIT
AS103	ACCESSIBILITY OFFSITE SIDEWALK IMPROVEMENT		D	12/12/2023	ISSUE FOR PERMIT
AS104	TYPICAL PLANS, ELEVATIONS AND SECTIONS - GAZEBO & TRELLIS		D	12/12/2023	ISSUE FOR PERMIT
AS105	TYPICAL PLAN AND DETAILS- PLAYGROUNDS		D	12/12/2023	ISSUE FOR PERMIT
AS106	FLOOR PLAN, SECTION AND ELEVATION - BASKETBALL HALF COURT & SITE FENCE		D	12/12/2023	ISSUE FOR PERMIT
AS107	TYPICAL PLAN, ELEVATIONS, SECTIONS AND DETAILS - GARBAGE STATION & TRASH/RECYCLING AREA		D	12/12/2023	ISSUE FOR PERMIT
AS108	TYPICAL PLAN, ELEVATIONS, SECTIONS & DETAILS - GENERATOR PADS		D	12/12/2023	ISSUE FOR PERMIT
AS109	FINISH SCHEDULE & FINISH LEGEND		D	12/12/2023	ISSUE FOR PERMIT
06. STRUCTURAL					
S001	GENERAL NOTES & SYMBOLS		D	12/12/2023	ISSUE FOR PERMIT
S002	TYPICAL REINFORCEMENT CONCRETE DETAILS & STRUCTURAL NOTES		D	12/12/2023	ISSUE FOR PERMIT
S003	CMU TYPICAL WALL DETAILS & STRUCTURAL NOTES		D	12/12/2023	ISSUE FOR PERMIT
S100	GAZEBO, TRELLIS & RETAINING WALLS STRUCTURAL DRAWINGS		D	12/12/2023	ISSUE FOR PERMIT
S101	DUMPSTER TYPE A & B GENERATOR ROOM & RETAINING WALLS STRUCTURAL DWGS.		D	12/12/2023	ISSUE FOR PERMIT
S102	HALF COURT & TRELLIS STRUCTURAL PLANS & DETAILS		D	12/12/2023	ISSUE FOR PERMIT
13. MECHANICAL					
P-001	SITE PLAN PLUMBING LAYOUT		D	12/12/2023	ISSUE FOR PERMIT
P-002	ENLARGED WATER METERBANK DETAILS FOR APARTMENTS		D	12/12/2023	ISSUE FOR PERMIT
P-003	ENLARGED WATER METERBANK DETAILS FOR APARTMENTS		D	12/12/2023	ISSUE FOR PERMIT
P-004	ENLARGED WATER METERBANK DETAILS FOR APARTMENTS		D	12/12/2023	ISSUE FOR PERMIT
14. ELECTRICAL					
ESI-100	ELECTRICAL PRIMARY DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
ESI-200	ELECTRICAL SECONDARY DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
ESI-300	PUBLIC LIGHTING DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
ESI-400	ELECTRICAL RIGHT OF WAY DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
ESI-500	ELECTRICAL ONE LINE DIAGRAM		D	12/12/2023	ISSUE FOR PERMIT
ESI-600	ELECTRICAL SECONDARY ONE LINE DIAGRAM		D	12/12/2023	ISSUE FOR PERMIT
ESI-700	LUMAS NOTES & SECTIONS		D	12/12/2023	ISSUE FOR PERMIT
ESI-800	ELECTRICAL GENERATORS ONE LINE DIAGRAMS		D	12/12/2023	ISSUE FOR PERMIT
ESI-900	ELECTRICAL GENERATOR SECONDARY DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
TC-100	TELECOMMUNICATION DISTRIBUTION TELEPHONE SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
TC-200	TELECOMMUNICATION DISTRIBUTION CABLE TV SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
TC-300	TELECOMMUNICATION SPLICING BOX DETAILS		D	12/12/2023	ISSUE FOR PERMIT
TC-400	TELECOMMUNICATION TELEPHONE & CABLE TV RISER DIAGRAMS		D	12/12/2023	ISSUE FOR PERMIT
TC-500	TELECOMMUNICATION & CABLE TV SITE DISTRIBUTION ONE LINE DIAGRAM		D	12/12/2023	ISSUE FOR PERMIT
TC-600	TELECOMMUNICATION DISTRIBUTION TELEPHONE SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
FA-100	FIRE ALARM DISTRIBUTION SITE PLAN		D	12/12/2023	ISSUE FOR PERMIT
FA-200	APARTAMENT BUILDINGS FIRE ALARM ONE LINE DIAGRAM		D	12/12/2023	ISSUE FOR PERMIT
FA-300	FIRE ALARM SITE DISTRIBUTION ONE LINE DIAGRAM		D	12/12/2023	ISSUE FOR PERMIT

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
NÚM. 17189
EXP. 16/JUN/2024
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1998, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	03/24/2023
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS
DRAWN BY:	AR
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

SHEET INDEX

SHEET ID

MASTER SITE

G001

ARCHITECTURAL ABBREVIATIONS

&	AND
@	AT
Ø	DIAMETER
A.B.	ANCHOR BOLT
A/C	AIR CONDITIONER
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
A.F.S.	ABOVE FLOOR SLAB
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
ANOD.	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX.	APPROXIMATE OR APPROXIMATELY
ARCH	ARCHITECTURE, ARCHITECTURAL
AVG	AVERAGE
A.W.I.	ARCHITECTURAL WOODWORK INSTITUTE
B.H.M.I.	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION, INC.
BIM	BUILDING INFORMATION MODELING
BLDG.	BUILDING
BM.	BEAM
B.O.	BOTTOM OF
B.U.R.	BUILT-UP ROOFING
B.O.S.	BOTTOM OF STRUCTURE
℄	CENTERLINE
℄O.T.S.	CENTERLINE OF TENANT SEPARATION
C.J.	CONTROL JOINT
CLG.	CEILING
CLR.	CLEAR
CLO.	CLOSET
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
COLS.	COLUMNS
CONC.	CONCRETE
CONT.	CONTINUOUS
D.S.	DOWNSPOUT
DIA.	DIAMETER
DR.	DOOR
DTL. OR DET.	DETAIL
DWG.	DRAWING
EA.	EACH
E.F.S.	EXTERIOR FACE OF SHEATHING
E.J.	EXPANSION JOINT
ELEC.	ELECTRIC, ELECTRICAL
ELEV.	ELEVATION
E.O.S.	EDGE OF SLAB
ENG.	ENGINEER, ENGINEERING
E.P.	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.R.D.	EMERGENCY ROOF DRAIN
E.T.D.	ESTIMATED TRAVEL DISTANCE
E.W.C.	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP.	EXPANSION, EXPOSED
EXT.	EXTERIOR
F.D.	FIRE DAMPER, FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN.	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.F.	FINISHED FLOOR
F.F.E.	FINISHED FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FIN.	FINISH, FINISHED
FLR.	FLOOR
F.O.	FACE OF
F.O.B.	FACE OF BRICK
F.O.P.	FACE OF POST
FT.	FEET
FTG.	FOOTING
F.V.	FIELD VERIFY
FRP	FIBER REINFORCED PANEL
GA.	GAUGE
GALV.	GALVANIZED
GBF	GYPSUM BOARD FURRING
GL.	GLASS
G.P.	GLOSSY PAINT
GYP.	GYPSUM
GWB	GYPSUM WALL BOARD
HB	HOSE BIBB
HDW	HARDWARE
HGT. OR HT.	HEIGHT
HKS	HOOKS
HM	HOLLOW METAL
HORIZ.	HORIZONTAL
HVAC	HEATING VENTILATION & AIR CONDITIONING
I.D.	INSIDE DIAMETER
I.F.S.	INTERIOR FACE OF STUD
i.e.	THAT IS, SUCH AS
IN.	INCH, INCHES
INSUL.	INSULATION
INT.	INTERIOR
JT.	JOINT
JAN.	JANITOR
JST.	JOIST
K.P.	KICK PLATE
LAM.	LAMINATE
LAV.	LAVATORY
LB.	POUND
LDG.	LANDING
LONG.	LONGITUDINAL
LT.	LIGHT
LTG.	LIGHTING
LRV.	LOUVER
LVT	LUXURY VINYL TILE
LVP	LUXURY VINYL PLANK
MATL.	MATERIAL
MAX.	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL & PLUMBING
MFGR.	MANUFACTURER
MGR.	MANAGER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MOD	MODIFIED
MTL	METAL
MWP	METAL WALL PANEL
NO.	NUMBER
N/A	NOT APPLICABLE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPG	OPENING
OPP.	OPPOSITE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ACT
OVHD	OVERHEAD
PDU	POWER DISTRIBUTION UNIT
P.LAM.	PLASTIC LAMINATE
PLYWD.	PLYWOOD
PNL.	PANEL
PR.	PAIR
PRE-FAB	PRE-FABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT, PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
Q.T.	QUARRY TILE
R	RADIUS
R.A.F.	RAISED ACCESS FLOOR
R.A.G.	RETURN AIR GRILLE
RB	RUBBER BASE
RECEP.	RECEPTION, RECEPTIONIST
REF	REFRIGERATOR, REFER, REFERENCE
REINF	REINFORCING, REINFORCEMENT
REQ'D.	REQUIRED
REV.	REVISED, REVISION
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
SC	SEALED CONCRETE
SCHED.	SCHEDULE
SCW	SOLID CORE WOOD
SECT.	SECTION
S.F.	SQUARE FEET
SFRM	SPRAYED FIRE RESISTIVE MATERIAL
S.G.P.	SEMI-GLOSS PAINT
SQ. IN.	SQUARE INCHES
SHT.	SHEET
SHTS.	SHEETS
SIM.	SIMILAR
SPECS	SPECIFICATIONS
S.S.	SERVICE SINK
STC	SOUND TRANSMISSION CLASS
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT	STRUCTURAL, STRUCTURE
SUSP.	SUSPENDED
SQ.	SQUARE
T&G	TONGUE & GROOVE
TEL.	TELEPHONE
TG	TEMPERED GLASS
T.O.STL.	TOP OF STEEL
T.O.B.	TOP OF BRICK, TOP OF BEAM
T.O.S.	TOP OF STEEL, TOP OF SLAB
T.O.SH.	TOP OF SHEATHING
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.L.	UNDERWRITERS LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
VCT OR VT	VINYL COMPOSITION TILE
VB	VAPOR BARRIER
VDC	VIRTUAL DESIGN & CONSTRUCTION
VERT.	VERTICAL
VR	VIRTUAL REALITY
W/	WITH
W.C.	WATER CLOSET
WCO	WALL CLEANOUT
WMP	WIRE MESH PARTITION
WD	WOOD
WWF	WELDED WIRE FABRIC
YD.	YARD

PLAN SYMBOLS

BUILDING SECTION — A1 / A101 SIM

CALLOUT HEAD & REGION — A1 / A101 SIM

DETAIL SECTION — A1 / A101 SIM

DOOR TAG — XXX

ELEVATION - EXTERIOR — 1 / A-101

ELEVATION - INTERIOR — 0 / A-101

KEYNOTE — 0

LEVEL HEAD — Name / Elevation

NORTH ARROW — N

REVISION TAG — 1

ROOM TAG — ROOM NAME / 101

ROOM TAG W/ AREA — ROOM NAME / 101 / 150 SF

SPECIALTY EQUIPMENT TAG — XXX

VIEW REFERENCE — MATCHLINE / SEE XX/A101

VIEW TITLE — XX DRAWING TITLE / SCALE: 1/8" = 1'-0"

WALL & CURTAIN WALL TAG — X1

WALL SECTION — A1 / A101 SIM

WINDOW & LOUVER TAG — XX

ROOF SLOPE — SLOPE

MATERIAL SYMBOLS

1-HOUR RATED WALL

2-HOUR RATED WALL

3-HOUR RATED WALL

SMOKE RATED WALL

BATT INSULATION

CONCRETE

EARTH

EXPOSED & FINISHED WOOD TRIM

GRASS

GRAVEL

GYPSUM / PLASTER

MASONRY - BRICK

MASONRY - CONCRETE BLOCK

PLYWOOD

RIGID INSULATION

STEEL

STUCCO / E.I.F.S.

TILE / CARPET

1. ATTENTION ALL USERS OF THESE DRAWINGS, GENERAL CONTRACTORS, SUB CONTRACTORS, MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS.
2. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND IS NOT CONTAINED IN JUST ONE SERIES OF DRAWINGS OR DIVISION OF SPECIFICATIONS. YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK.
3. EVERY EFFORT HAS BEEN MADE TO MAKE THESE DOCUMENTS CONCISE AND COORDINATED, TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. KEEP IN MIND HOWEVER THAT YOUR SCOPE OF WORK CAN BE CONTAINED IN VARIOUS PLACES, WITH VARYING DESCRIPTIONS. DO NOT CONSIDER THAT THERE IS ONE CUSTOMARY PLACE TO LOCATE YOUR WORK. THERE IS A DANGER OF OMITTING WORK FROM YOUR SCOPE BECAUSE THE ENTIRE SET OF DOCUMENTS WAS NOT REVIEWED.
4. MECHANICAL AND ELECTRICAL DRAWINGS SHOW INFORMATION IN A DIAGRAMMATIC FASHION WITHOUT DIMENSIONING. THE GENERAL CONTRACTOR IS TO COORDINATE THE LOCATIONS OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT WITH RESPECT TO THE ARCHITECTURAL AND STRUCTURAL DETAILING OF SHAFTS, CHASES, AND SUCH.
5. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.
6. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE THE WORK.
7. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT AND IMPLEMENT THOSE RULES AS THEY APPLY TO THIS PROJECT.
8. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE BUILDING CODES AS NOTED ON CODE SHEETS.
9. ALL SUBCONTRACTORS SHALL SUBMIT SHOP DRAWINGS AS REQUIRED FOR APPROVAL PRIOR TO COMMENCING ANY WORK.
10. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT AMONG ALL TRADES.
11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITY LINES. LOCATIONS SHOWN ARE APPROXIMATE. REPAIR ALL DAMAGE TO UTILITY LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
12. PROVIDE SEALANT AT ALL JOINTS OR CRACKS THAT OCCUR WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER, AND THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
13. ALL PENETRATIONS AT SMOKE AND FIRE RATED WALLS, FLOORS, OR CEILINGS, SHALL BE PROTECTED, SEALED OR DAMPERED USING ONLY U.L. AND/OR I.C.B.O. APPROVED METHODS, MATERIALS, AND INSTALLATION.
14. PAINT ALL EXPOSED STEEL UNLESS NOTED OTHERWISE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED DURING CONSTRUCTION.
16. ALL WORK AND MATERIAL SHALL BE REGARDED AS NEW UNLESS SPECIFICALLY INDICATED AS "EXISTING" OR "(E)" ON THE DRAWINGS AND DESCRIBED WITHIN THE SPECIFICATIONS.
17. TYPICAL DETAILS MAY NOT NECESSARILY BE REFERENCED ON THE DRAWINGS BUT APPLY UNLESS NOTED OTHERWISE.
18. SECURITY AND SAFETY ARE THE CONTRACTOR'S RESPONSIBILITY. COORDINATE WITH CONTRACTING OFFICER'S REPRESENTATIVE.

DRAWING AND DIMENSIONS:

1. THE CONTRACT DOCUMENT DRAWINGS HAVE BEEN PREPARED USING REVIT® SOFTWARE IN A MICROSOFT WINDOWS ENVIRONMENT. A BUILDING INFORMATION MODEL (BIM) WAS DEVELOPED SOLELY TO COMMUNICATE THE DESIGN TO THE OWNER AND IS NOT SUITABLE FOR ANY OTHER PURPOSE. FOR EXAMPLE, THE REVIT MODEL IS NOT SUITABLE FOR COST ESTIMATING, SYSTEMS PERFORMANCE, COORDINATION, SCHEDULING, OR FACILITIES MANAGEMENT.
2. THESE DOCUMENTS WERE PRODUCED USING THE CONSTRUCTION SPECIFICATIONS INSTITUTE'S UNIFORM DRAWING SYSTEM AND THE NATIONAL CAD STANDARD AS GUIDES.
3. ANY INDICATION OF PROJECT LIMITS OR LINES OF DEMARCATION ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT TO BE TAKEN LITERALLY. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER BEFORE ACTUAL CONSTRUCTION WORK BEGINS.
4. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS. DIMENSIONS AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK, AND PRODUCTS BY OTHER MANUFACTURERS ARE ALSO ACCEPTABLE. THEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK (INCLUDING THICKNESSES FOR RECESSED OR SEMI-RECESSED PRODUCTS) AND IS RESPONSIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS OR PRODUCTS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.
5. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR CONVENIENCE. THE SEPARATIONS USED ARE USED ONLY FOR THE PURPOSES OF REFERENCE AND IN NO WAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE.
6. THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPLEMENTARY; ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT PRIOR TO BIDDING. WHERE INCONSISTENCIES ARE NOT CLARIFIED PRIOR TO BIDDING, AND WHERE THE ACTUAL SOLUTION OR INTENT CANNOT BE REASONABLY INFERRED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK.
7. USE OF THE WORD "VERIFY" POINTS OUT A SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL. NOTIFY THE ARCHITECT OF ANY DISCREPANCY DISCOVERED.
8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE FOUND IN THE DRAWINGS AND SPECIFICATIONS.
9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
10. DO NOT SCALE THE DRAWINGS. DRAWING SCALES AS INDICATED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO ACCURATELY DEPICT ACTUAL OR DESIGNATED CONDITIONS. WRITTEN DIMENSIONS SHALL GOVERN. WHERE DIMENSIONS CANNOT BE DETERMINED FROM THE PLANS, DETAILS, AND SPECIFICATIONS, REQUEST CLARIFICATION FROM THE ARCHITECT.
11. ALL DIMENSIONS INDICATED ARE TO FACES OF FINSH MATERIALS OR COLUMN GRID LINES UNLESS NOTED OTHERWISE. ROUGH OPENINGS SHALL ALLOW FOR SHIM SPACE.
12. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH FINISH SURFACE.
13. SHOULD DIMENSIONS BE MISSING OR CONFLICTING, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH RELATED WORK.
14. KEYNOTES AND LEGENDS ARE TYPICAL FOR ALL FLOOR PLAN SHEETS, INDIVIDUAL NOTES MAY NOT APPLY TO EACH SHEET.
15. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS. COORDINATE AS REQUIRED INCLUDING NECESSARY FRAMING, BLOCKING, ETC.
16. ALL HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT GUIDELINES AND ALL CODES AND REGULATIONS HAVING JURISDICTION, THE MOST STRINGENT SHALL PREVAIL.
17. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS.
18. SEE STRIPING/SIGNAGE PLANS FOR DETAILS AND DIMENSIONS OF PAINTED TRAFFIC MARKINGS. PAINTED TRAFFIC MARKING SHOWN FOR COORDINATION ONLY.
19. IF DISCREPANCIES EXIST ON THE DRAWINGS, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SUBMIT A REQUEST FOR INFORMATION FOR CLARIFICATION FROM THE ARCHITECT.
20. DETAILS ARE INTENDED TO SHOW DESIGN INTENT FOR ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
21. COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE CEILINGS (STRUCTURAL MEMBERS, FIREPROOFING, CONDUITS, MECHANICAL DUCTS, INSULATION, SPRINKLER LINES AND DROPS, RECESSED LIGHT FIXTURES AND CEILING CONSTRUCTION THICKNESS, ETC.) TO MAINTAIN THE FINISH CEILING HEIGHT ABOVE THE FLOOR AS INDICATED IN THESE DRAWINGS FOR THE VARIOUS ROOMS AND AREAS.
22. SEPARATE APPROVALS FOR PERMITS FROM GOVERNING AGENCIES SHALL BE REQUIRED
23. CERTAIN BUILDING SYSTEMS, INCLUDING BUT NOT LIMITED TO CURTAIN WALL SYSTEMS, MECHANICALLY FASTENED STONE VENEER AND STUD SUPPORT, FIRE PROTECTION SYSTEMS, CERTAIN LIGHT-GAUGE AND COLD ROLLED METAL FRAMING SYSTEMS, MISCELLANEOUS METALS, ORNAMENTAL RAILINGS, FIRE ALARM SYSTEMS, FIRE PUMP SYSTEMS, UNDERGROUND TANKS, FUEL OIL SYSTEMS, AND SYSTEMS WHICH REQUIRE THE SUBMISSION OF ADDITIONAL ENGINEERING CALCULATIONS OR DETAIL DRAWINGS FOR AGENCY APPROVAL. THE PREPARATION OF SUCH DOCUMENTS AND OBTAINING THE AUTHORIZATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
24. OBTAIN ALL NECESSARY PERMITS FOR WORK, INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN PROTECTION, TRAFFIC CONTROL MITIGATION, TEMPORARY STREET CLOSURE, AND OFFSITE IMPROVEMENTS. PERMITS SHALL BE OBTAINED PRIOR TO STARTING THE WORK.

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. 17189
EXP. 16 / JUN / 2026
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NUM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	03/24/2023
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

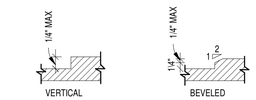
SHEET ID

MASTER SITE

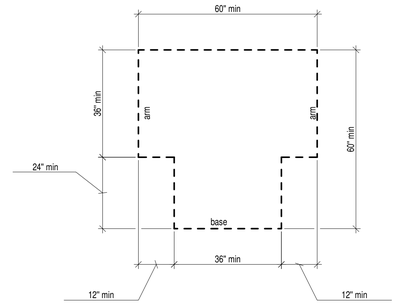
G002

CONSTRUCTION DOCUMENTS

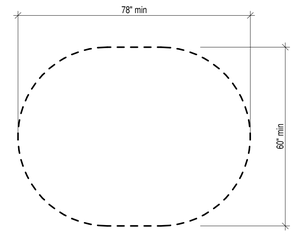
12/15/2023 11:34:16 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



D1 CHANGE LEVEL
SCALE: 1/2" = 1'-0"

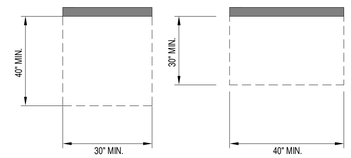


T- SHAPED



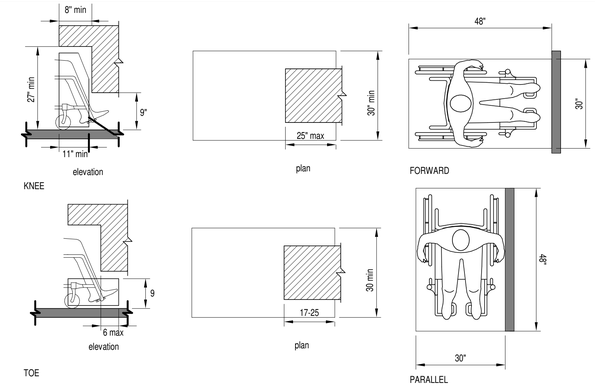
WHEELCHAIR TURNING SPACE (UFAS) FIG. A2

D2 TURNING SPACE
SCALE: 1/2" = 1'-0"

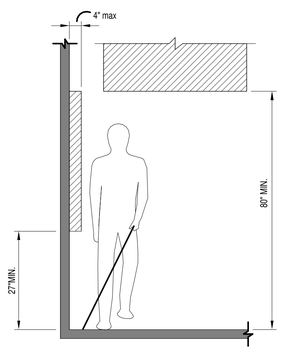


FORWARD PARALLEL

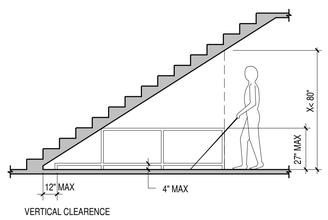
D3 CLEAR GROUND SPACE
SCALE: 1/2" = 1'-0"



D4 TOE CLEARANCES
SCALE: 1/2" = 1'-0"

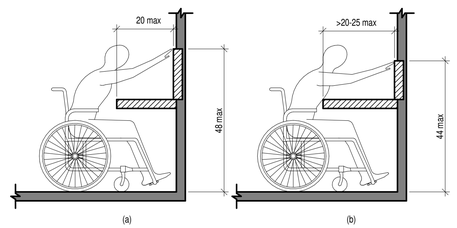


C1 PROTRUDING OBJECTS2
SCALE: 1/2" = 1'-0"

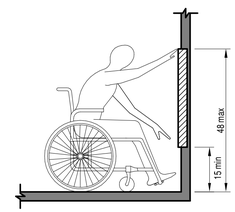


VERTICAL CLEARENCE

C2 VERTICAL CLEARANCE
SCALE: 1/2" = 1'-0"

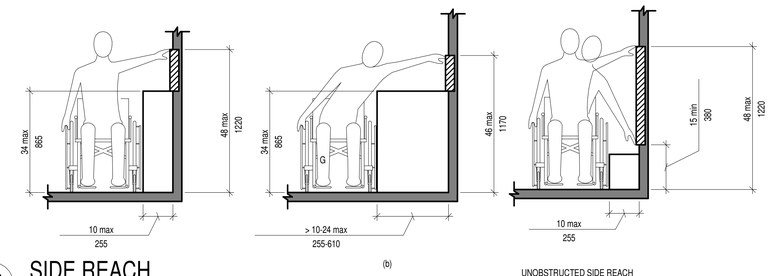


OBSTRUCTED FORWARD REACH



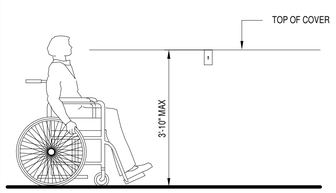
UNOBSTRUCTED FORWARD REACH

C3 FORWARD REACH
SCALE: 1/2" = 1'-0"

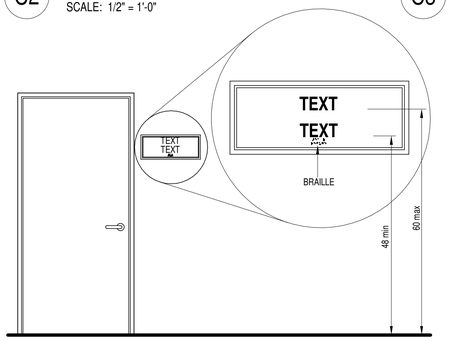


UNOBSTRUCTED SIDE REACH

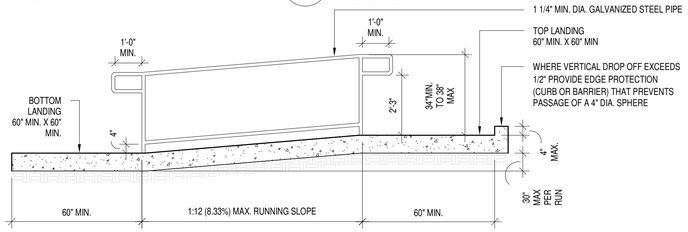
C4 SIDE REACH
SCALE: 1/2" = 1'-0"



B1 SWITCHES & CONTROLS
SCALE: 1/2" = 1'-0"



B2 DOOR SIGNS
SCALE: 1/2" = 1'-0"

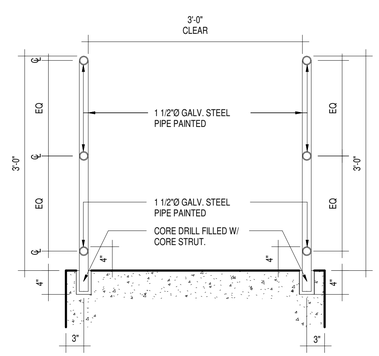


RAMP ELEVATION VIEW

NOTE: GC TO VERIFY EXISTING CONDITIONS ON FIELD. RAMP DIMENSIONS TO BE PROVIDED AS PERMITTED BY EXISTING CONDITIONS.

PER THE 2018 INTERNATIONAL EXISTING BUILDING CODE, STEEPER RAMP SLOPES ARE ALLOWED IF NEEDED BY SPACE LIMITATIONS (IEBC 305.8.5)

SLOPE	MAX. RISE
1:10-1:8	0'-3"
1:12-1:10	0'-6"



RAMP SECTION VIEW

A1 RAMP DETAILS - TYPICAL
SCALE: 3/8" = 1'-0"

RAMPS - GENERAL NOTES & DETAILS

1. SLOPE: RAMP RUNS MUST HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12.
2. CROSS SLOPE: CROSS SLOPE OF RAMP RUNS MUST NOT BE STEEPER THAN 1:48.
3. CLEAR WIDTH: THE CLEAR WIDTH MUST BE 36" MIN BETWEEN HANDRAILS.
4. RISE: THE RISE FOR ANY RAMP RUN MUST BE 30" MAX.
5. LANDINGS: RAMPS MUST HAVE LANDINGS AT THE TOP AND BOTTOM OF EACH RAMP RUN. LANDINGS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL ARE NOT PERMITTED.
   LANDING CLEAR WIDTH: AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.
   LANDING CLEAR LENGTH: 60" MIN.
   RAMPS THAT CHANGE DIRECTIONS BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF 60" MIN X 60" MIN. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES ARE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. LANDINGS SUBJECT TO WET CONDITIONS MUST BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER.
6. HANDRAILS: RAMP RUNS WITH A RISE GREATER THAN 6" MUST HAVE HANDRAILS. WHERE REQUIRED. GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.
7. FLOOR OR GROUND SURFACES: FLOOR OR GROUND SURFACES OF RAMP RUNS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS.
8. EDGE PROTECTION: EDGE PROTECTION MUST BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING MUST EXTEND 12" MIN. BEYOND THE INSIDE FACE OF A HANDRAIL. THE EXTEND SURFACE PREVENTS WHEELCHAIR CASTERS AND CRUTCH TIPS FROM SLIPPING OFF THE RAMP SURFACE. A CURB OR BARRIER MUST BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4" DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4" OF THE FINISH FLOOR OR GROUND SURFACE.
9. DRAINAGE: EXPOSED EXTERIOR RAMPS SHALL BE CONSTRUCTED TO PREVENT ACCUMULATION OF WATER.

RAMPS - GENERAL NOTES & DETAILS

1. FOR EXISTING FACILITIES, EACH ALTERED ELEMENT SHALL COMPLY WITH CHAPTER 2 OF THE 2010 ADA. IF COMPLIANCE IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL COMPLY WITH THE REQUIREMENTS TO THE MAXIMUM EXTENT FEASIBLE.
2. PER SECTION 202.3 OF THE 2010 ADA, UNLESS ALTERATION AFFECTS A PRIMARY FUNCTION AREA, WHERE ELEMENTS OR SPACES ARE ALTERED AND THE CIRCULATION PATH TO THE ALTERED ELEMENT OR SPACE IS NOT ALTERED, AN ACCESSIBLE ROUTE IS NOT REQUIRED.

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. #17189
EXP. 16/JUN/2026
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUEN. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PROCUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS
DRAWN BY:	LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

ADA STANDARDS FOR ACCESSIBILITY

SHEET ID

MASTER SITE

G004

A1 SITE DIAGRAM-UNIT NUMBERS

SCALE: 1/32" = 1'-0"

ADA UNIT
7 TOTAL UNITS

H/V HV UNIT
5 TOTAL UNITS

48 0 48

SCALE: 1/32" = 1'-0"

N

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
NO. 17189
EXP. 16/JUN/2024
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES SE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

ARCHITECTURAL SITE PLAN- GROUND FLOOR

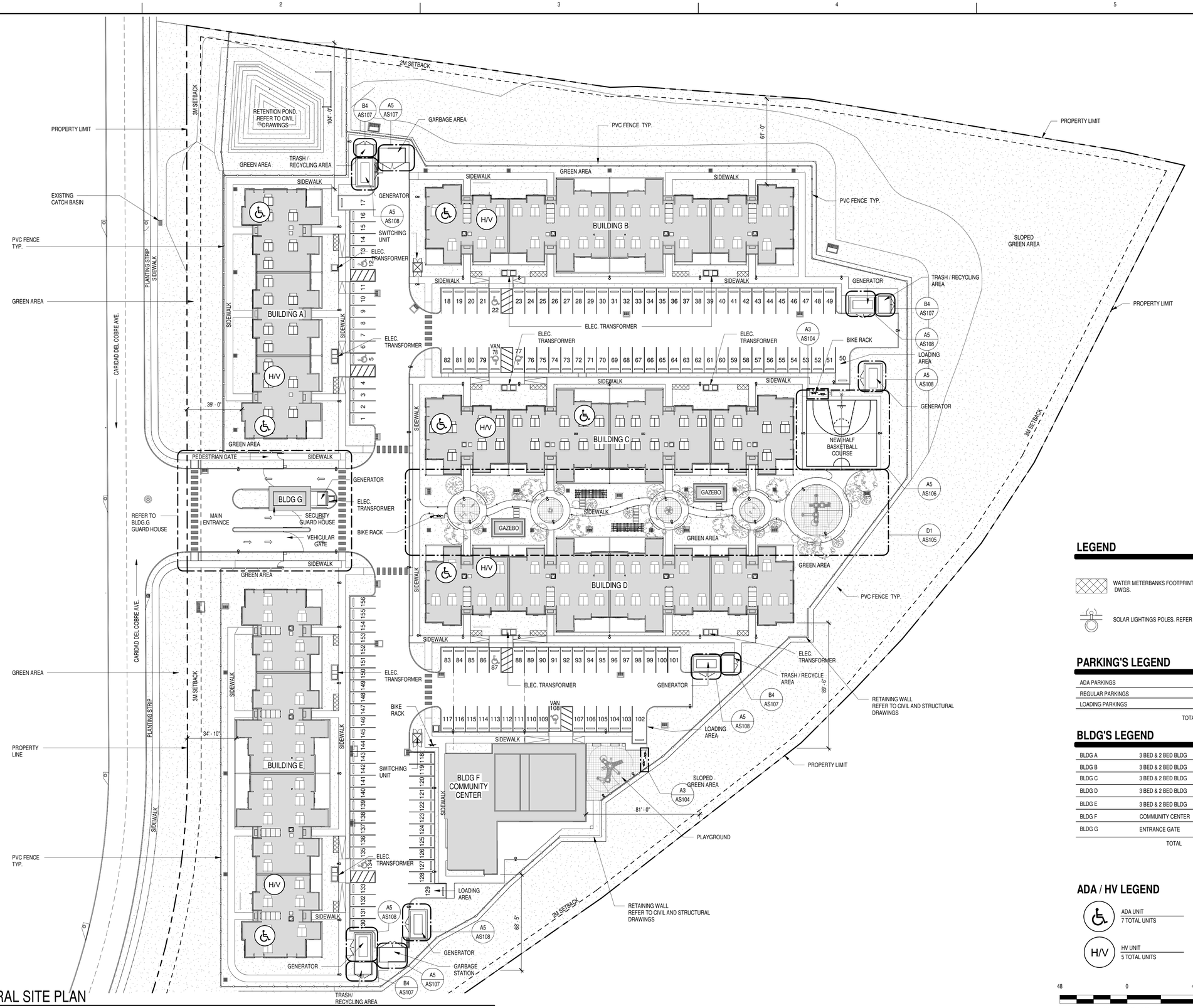
SHEET ID

MASTER SITE

AS100

CONSTRUCTION DOCUMENTS

12/15/2023 11:33:10 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



A1 ARCHITECTURAL SITE PLAN

SCALE: 1/32" = 1'-0"

LEGEND

WATER METERBANKS FOOTPRINT. REFER TO MECHANICAL DWGS.

SOLAR LIGHTINGS POLES. REFER TO ELECTRICAL DWGS.

PARKING'S LEGEND

ADA PARKINGS	8 UNITS
REGULAR PARKINGS	144 UNITS
LOADING PARKINGS	4 UNITS
TOTAL	156 UNITS

BLDG'S LEGEND

BLDG A	3 BED & 2 BED BLDG	18 UNITS
BLDG B	3 BED & 2 BED BLDG	30 UNITS
BLDG C	3 BED & 2 BED BLDG	30 UNITS
BLDG D	3 BED & 2 BED BLDG	30 UNITS
BLDG E	3 BED & 2 BED BLDG	30 UNITS
BLDG F	COMMUNITY CENTER	N/A
BLDG G	ENTRANCE GATE	N/A
	TOTAL	138 UNITS

ADA / HV LEGEND

ADA UNIT
7 TOTAL UNITS

HV UNIT
5 TOTAL UNITS

48 0 48

SCALE: 1/32" = 1'-0"

N

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
NO. 17189
EXP. 16/JUN/2024
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	03/24/2023
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS,GT
DRAWN BY:	AR
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

ARCHITECTURAL SITE PLAN

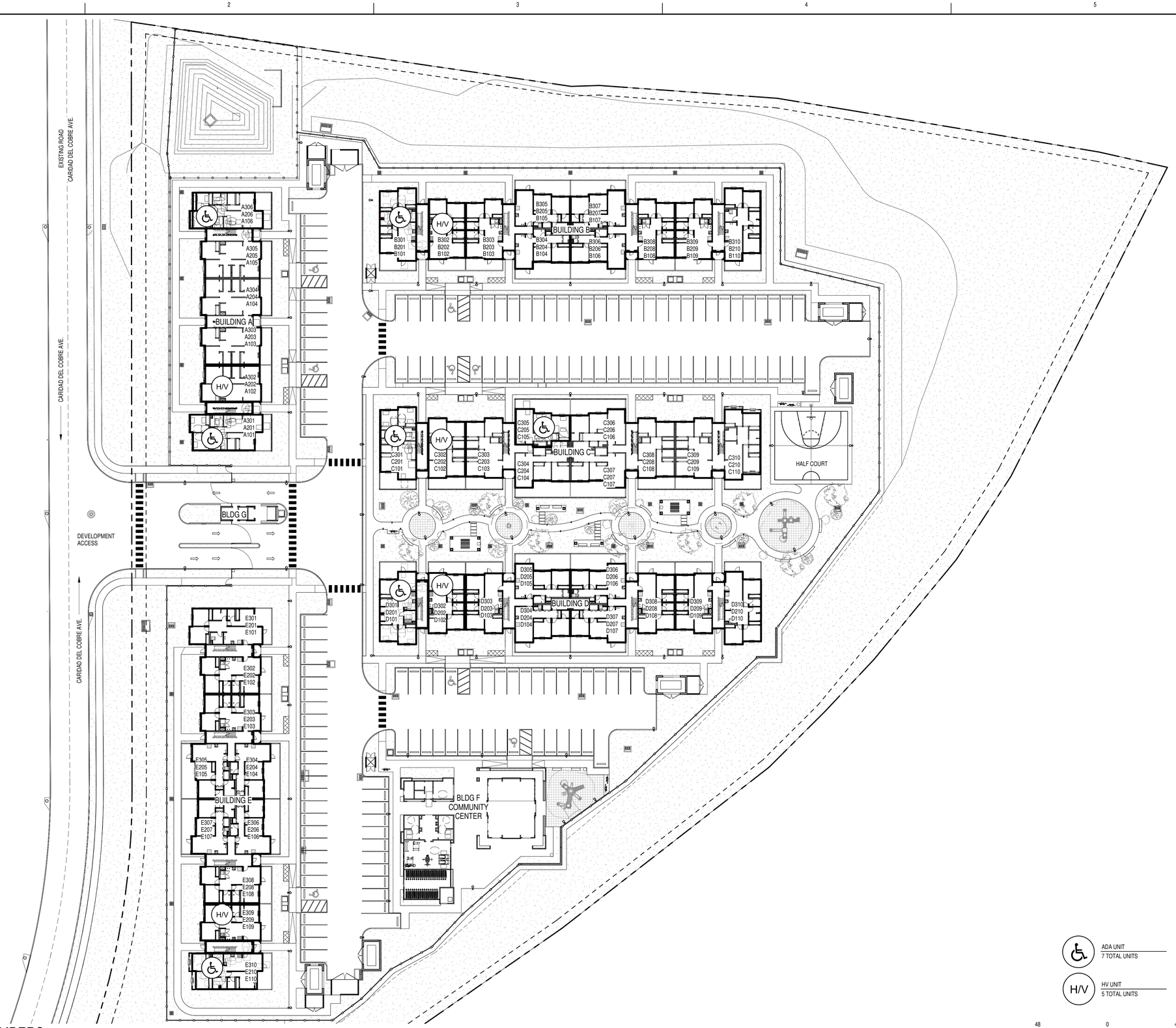
SHEET ID

MASTER SITE

AS101

12/15/2023 11:33:24 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

CONSTRUCTION DOCUMENTS



ADA UNIT
7 TOTAL UNITS

H/V
HV UNIT
5 TOTAL UNITS

48 0 48
SCALE: 1/32" = 1'-0"

N

A1 SITE DIAGRAM-UNIT NUMBERS
SCALE: 1/32" = 1'-0"

12/15/2023 11:33:35 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
EXP. 16/JUN/2026
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189,
CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUEI. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS,GT
DRAWN BY:	AR
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

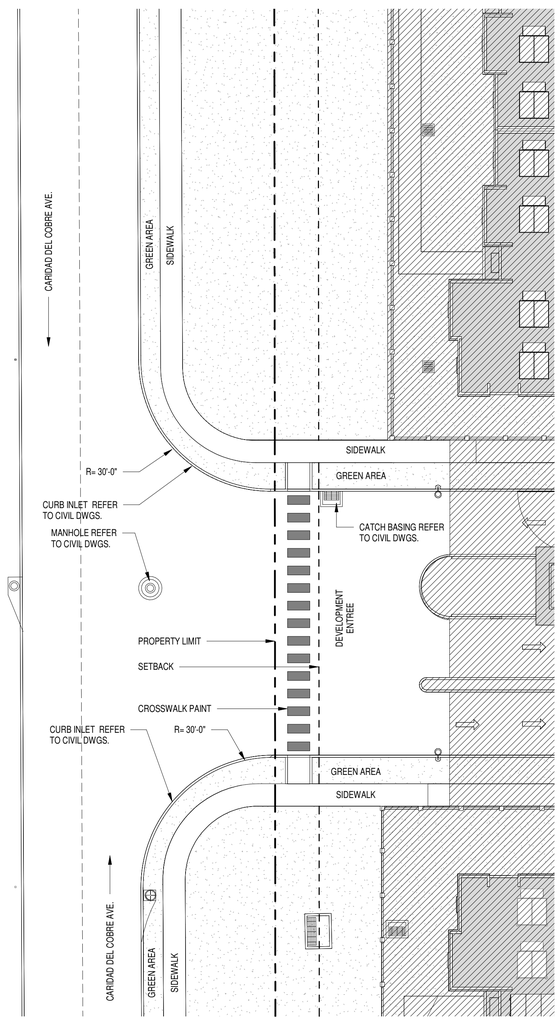
SITE DIAGRAM - UNIT NUMBERS

SHEET ID

MASTER SITE

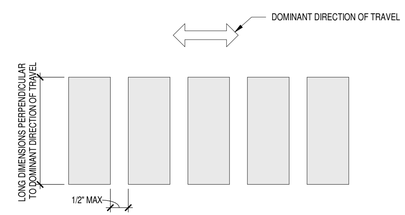
AS102

CONSTRUCTION DOCUMENTS



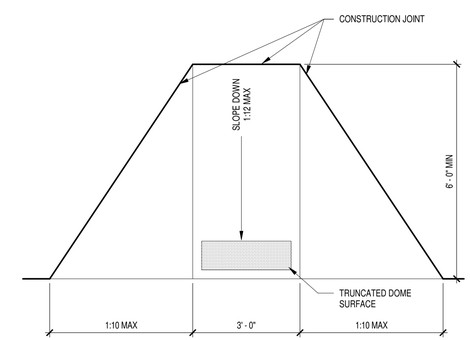
A1 ACCESSIBILITY OFFSITE SIDEWALK IMPROVEMENT

SCALE: 1/16" = 1'-0"



A4 CROSSWALK DETAIL

SCALE: 1/4" = 1'-0"



A5 HANDICAP RAMP DETAIL

SCALE: 1/2" = 1'-0"

ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
NÚM. 17189
EXP. 16/JUN/2026
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 318 DEL 15 MAYO DE 1998, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 8 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUEI. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

ACCESSIBILITY OFFSITE SIDEWALK IMPROVEMENT

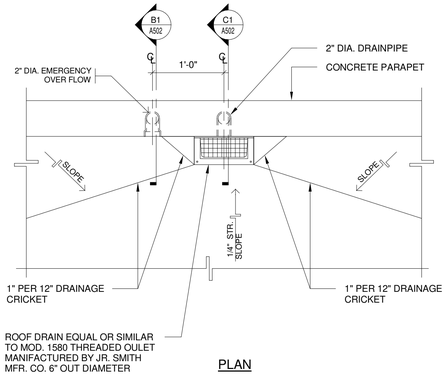
SHEET ID

MASTER SITE

AS103

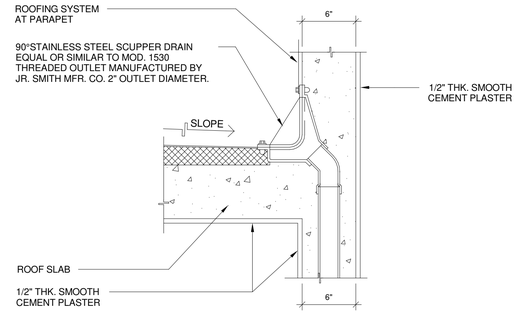
CONSTRUCTION DOCUMENTS

12/15/2023 11:33:36 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



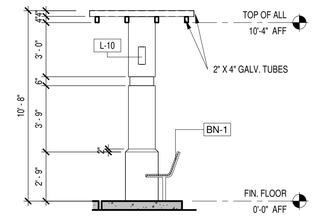
C1 ROOF DRAIN & EMERGENCY OVERFLOW DETAIL

SCALE: 1" = 1'-0"



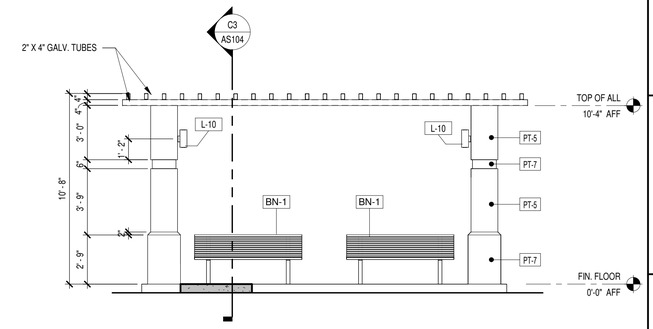
C2 ROOF DRAIN DETAIL

SCALE: 1 1/2" = 1'-0"



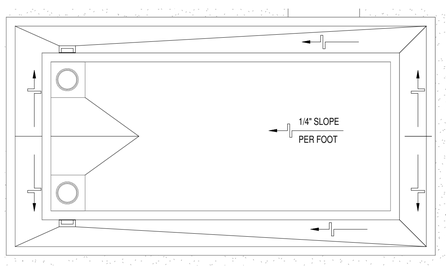
C3 TRELLIS SECTION

SCALE: 1/4" = 1'-0"



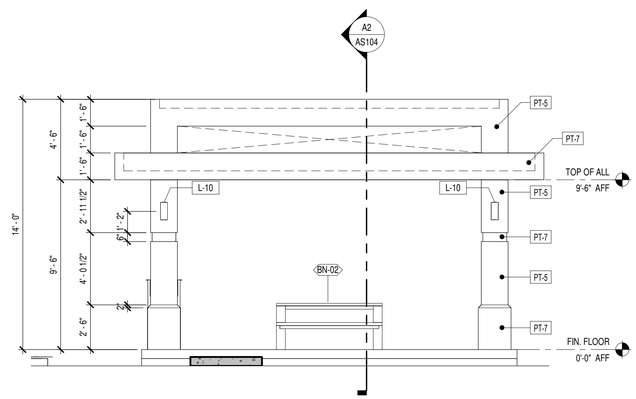
C4 TRELLIS ELEVATION

SCALE: 1/4" = 1'-0"



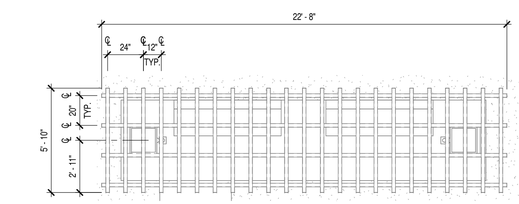
B1 GAZEBO ROOF PLAN

SCALE: 1/4" = 1'-0"



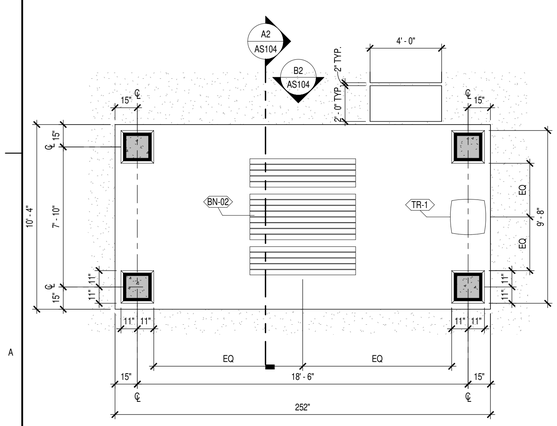
B2 GAZEBO ELEVATION

SCALE: 1/4" = 1'-0"



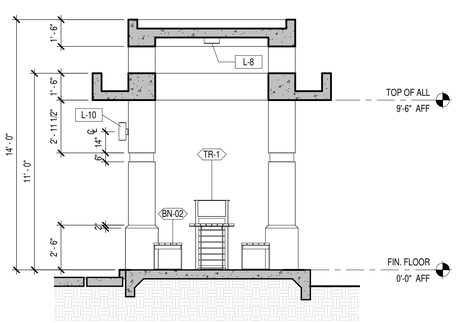
B4 TRELLIS ROOF PLAN

SCALE: 1/4" = 1'-0"



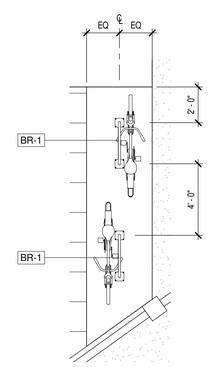
A1 GAZEBO FLOOR PLAN

SCALE: 1/4" = 1'-0"



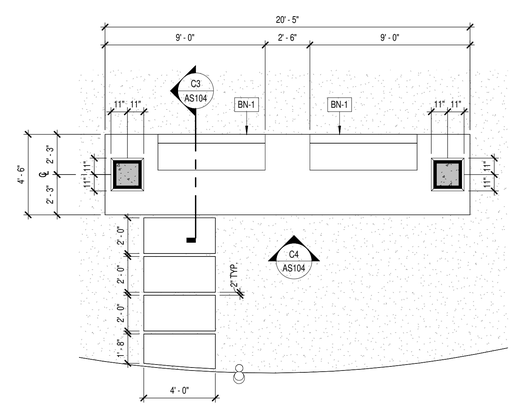
A2 GAZEBO SECTION

SCALE: 1/4" = 1'-0"



A3 BIKE RACK - FLOOR PLAN TYP.

SCALE: 1/4" = 1'-0"



A4 TRELLIS FLOOR PLAN

SCALE: 1/4" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. #17189
EXP. 16/JUN/2024
PUERTO RICO

YO, ARQ. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR ME, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	03/24/2023
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

TYPICAL PLANS, ELEVATIONS AND SECTIONS - GAZEBO & TRELLIS

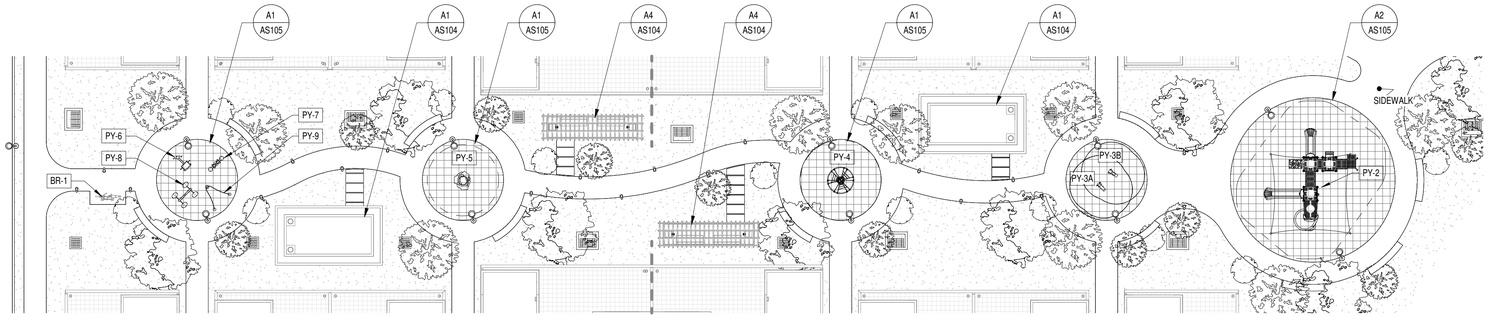
SHEET ID

MASTER SITE

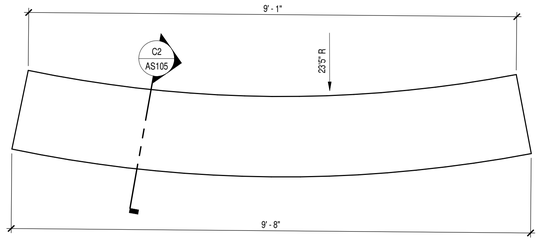
AS104

CONSTRUCTION DOCUMENTS

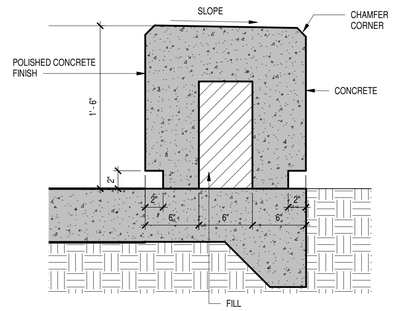
12/15/2023 11:33:43 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



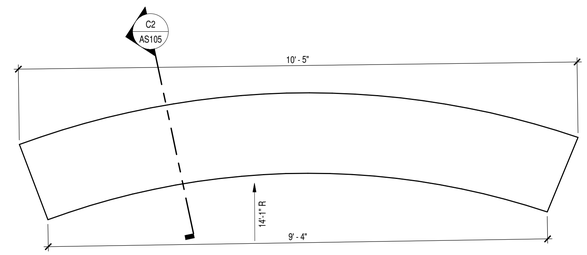
D1 OVERALL LINEAL PARK
SCALE: 1/16" = 1'-0"



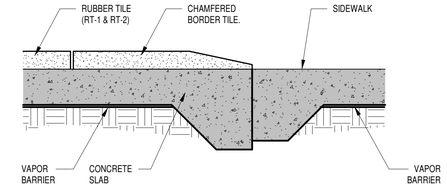
C1 CONCRETE BENCH PLAN IN PLAYGROUND TYPE B
SCALE: 3/4" = 1'-0"



C2 TYP. BENCH SECTION
SCALE: 1 1/2" = 1'-0"



C3 TYP. CONCRETE BENCH PLAN
SCALE: 3/4" = 1'-0"

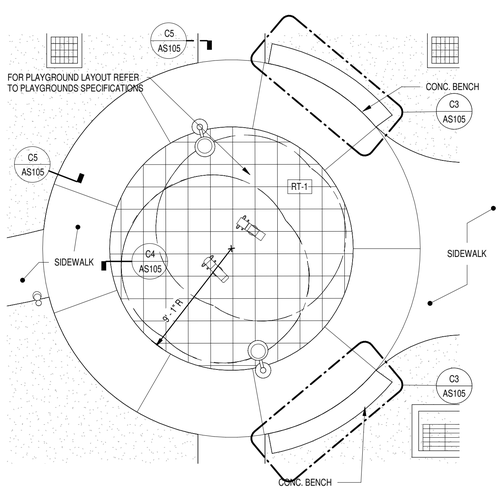


C4 RUBBER TILES EDGE DETAIL
SCALE: 1 1/2" = 1'-0"

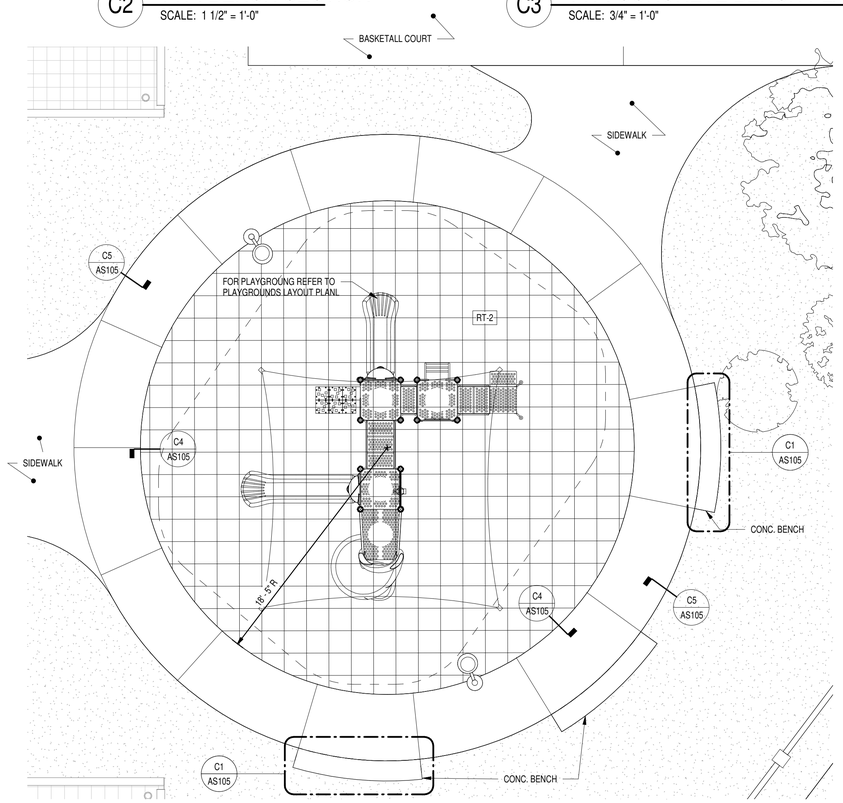
C5 SIDEWALK EDGE DETAIL
SCALE: 1 1/2" = 1'-0"

SITE EQUIPMENT SCHEDULE

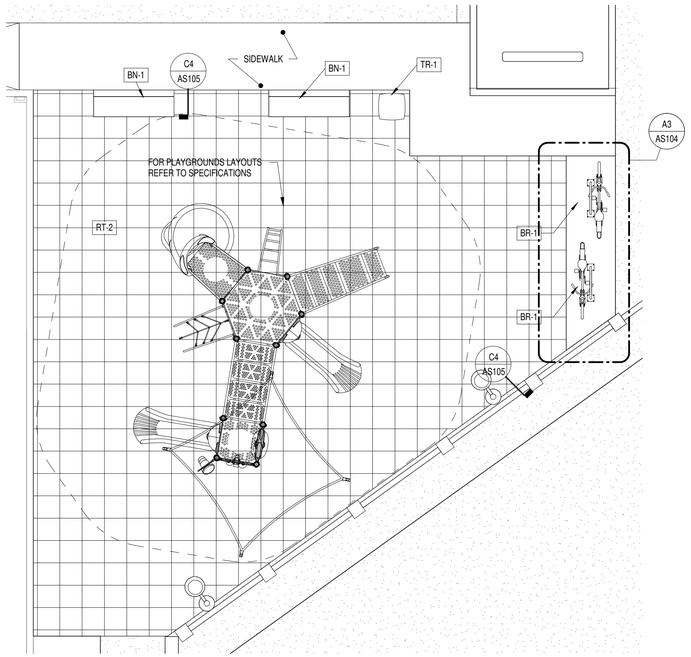
TYPE MARK	SPECIFICATION
PY-1	PLAYGROUND AGES 2-12: CHALLENGERS 350-2240 BY PLAYWORLD SYSTEMS
PY-2	PLAYGROUND AGES 2-12: CHALLENGERS 350-2240 BY PLAYWORLD SYSTEMS
PY-3A	PLAYGROUND AGES 2-5: MOTION PLAY - ZZXX0721 BY PLAYWORLD SYSTEMS
PY-3B	[illegible] PLAYWORLD SYSTEMS
PY-4	[illegible] PLAYWORLD SYSTEMS
PY-5	[illegible] YWORLD SYSTEMS
PY-6	PLAYGROUND AG[illegible] BY PLAYWORLD SYSTEMS
PY-7	PLAYGROUND AG[illegible] BY PLAYWORLD SYSTEMS
PY-8	PLAYGROUND AGES 2-12: ARM & SHOULDER CIRCLE ZZXX0489 BY PLAYWORLD SYSTEMS
PY-9	PLAYGROUND AGES 2-12: SHOULDER SLIDE ZZXX0492 BY PLAYWORLD SYSTEMS
RT-1	RUBBER TILES: 20" X 20" X 2" THICK BY SURFACE / PROVIDE BORDER TILES ALL AROUND
RT-2	RUBBER TILES: 20" X 20" X 2" THICK BY SURFACE / PROVIDE BORDER TILES ALL AROUND
[illegible]	[illegible] PLASTIC: WALNUT / POWDER COAT: ARGENTO
[illegible]	TABLE/BENCH: 475-BPLS-2 BY DUMOR / PLASTIC: WALNUT / POWDER COAT: ARGENTO
[illegible]	RECEPTABLE: 474-32PL-BT BY DUMOR / PLASTIC: WALNUT / POWDER COAT: ARGENTO
BR-1	BIKE RACK: 125-30 BY DUMOR / POWDER COAT FINISH: ARGENTO



A1 PLAYGROUND TYPE A
SCALE: 3/16" = 1'-0"



A2 PLAYGROUND TYPE B
SCALE: 3/16" = 1'-0"



A4 COMMUNITY CENTER PLAYGROUND- TYPE C
SCALE: 3/16" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. 17189
EXP. 16/JUN/2024
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

TYPICAL PLAN AND DETAILS- PLAYGROUNDS

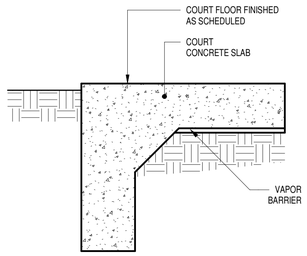
SHEET ID

MASTER SITE

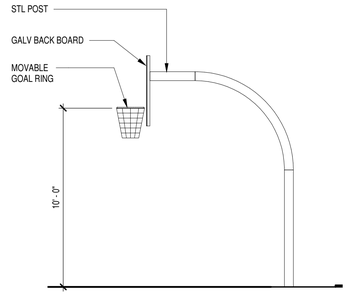
AS105

12/15/2023 11:33:49 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

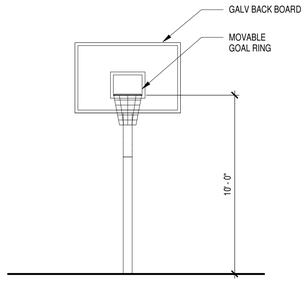
CONSTRUCTION DOCUMENTS



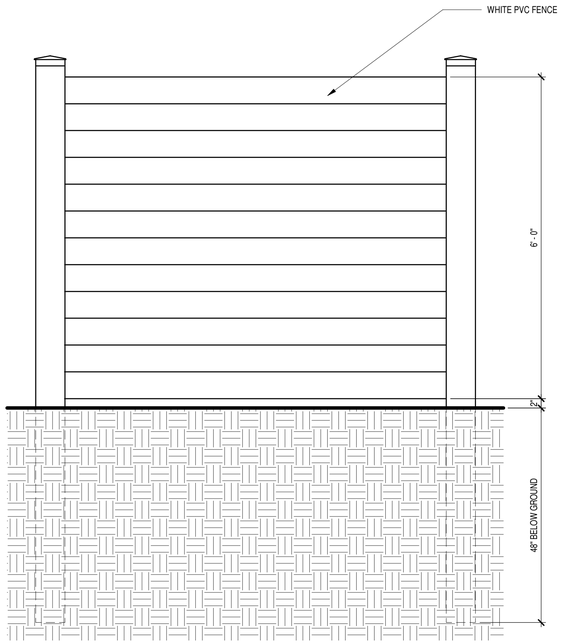
D5 COURT SLAB EDGE DETAIL
SCALE: 1 1/2" = 1'-0"



C4 COURT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

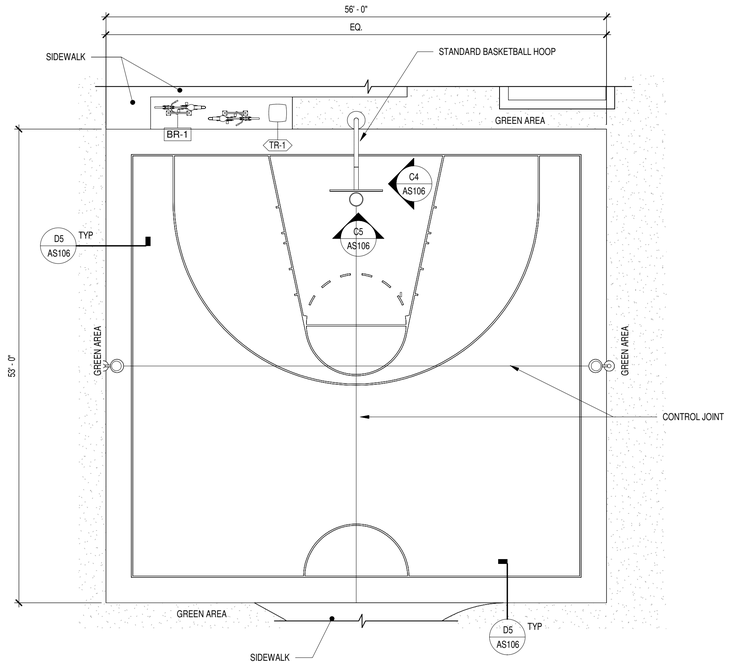


C5 COURT FRONT E ELEVATION
SCALE: 1/4" = 1'-0"



NOTE:
INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION

A1 SITE PVC FENCE- ELEVATION
SCALE: 3/4" = 1'-0"



A5 HALF COURT PLAN
SCALE: 1/8" = 1'-0"

ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. 17189
EXP. 16/JUN/2026
PUERTO RICO

YO, AR0. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

FLOOR PLAN, SECTION AND ELEVATION - BASKETBALL HALF COURT & SITE FENCE

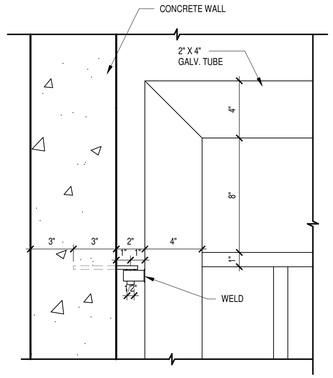
SHEET ID

MASTER SITE

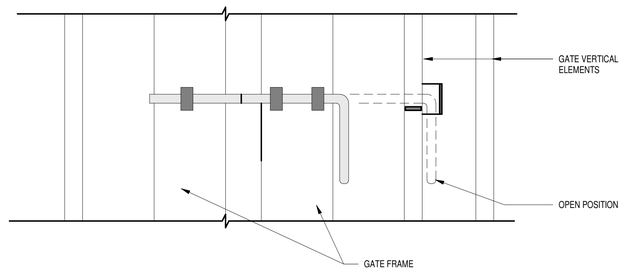
AS106

CONSTRUCTION DOCUMENTS

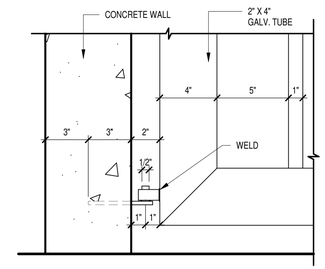
12/15/2023 11:33:52 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



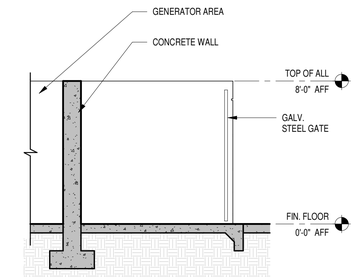
C1 GATE DETAIL
SCALE: N.T.S.



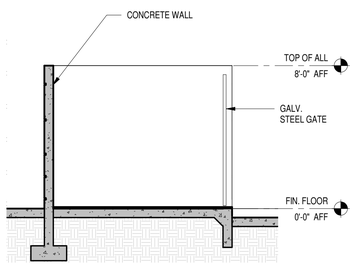
C2 TRASH/ RECYCLING AREA & GARBAGE STATION
GATE HARDWARE- TYPE 01
SCALE: 3" = 1'-0"



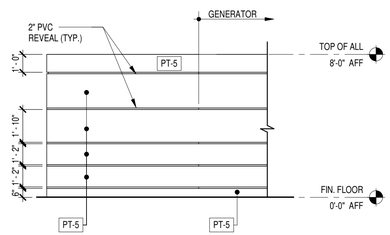
C3 GATE DETAIL
SCALE: N.T.S.



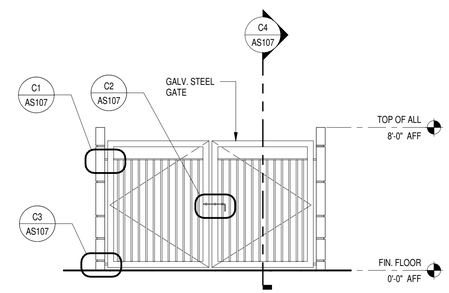
C4 TRASH/ RECYCLING AREA - SECTION
SCALE: 1/4" = 1'-0"



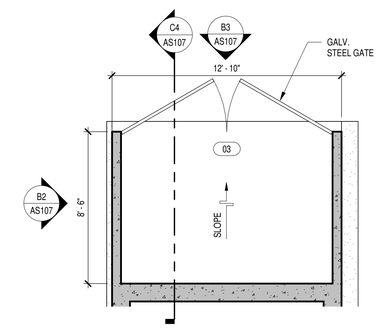
B1 GARBAGE STATION -SECTION
SCALE: 1/4" = 1'-0"



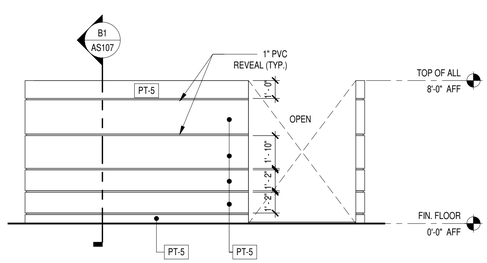
B2 TRASH/ RECYCLING AREA
TYPICAL SIDE ELEVATION
SCALE: 1/4" = 1'-0"



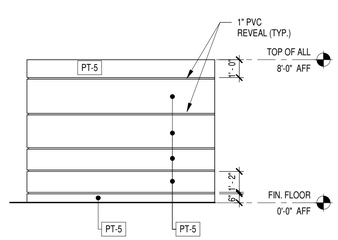
B3 TRASH/ RECYCLING AREA - FRONT ELEVATION
SCALE: 1/4" = 1'-0"



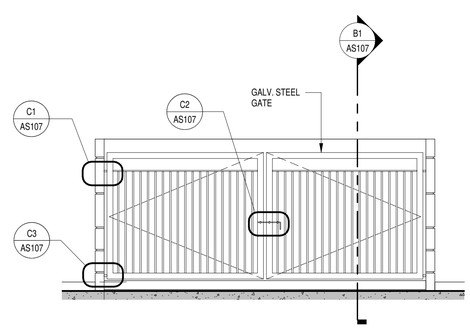
B4 TRASH/ RECYCLING AREA - FLOOR PLAN
SCALE: 1/4" = 1'-0"



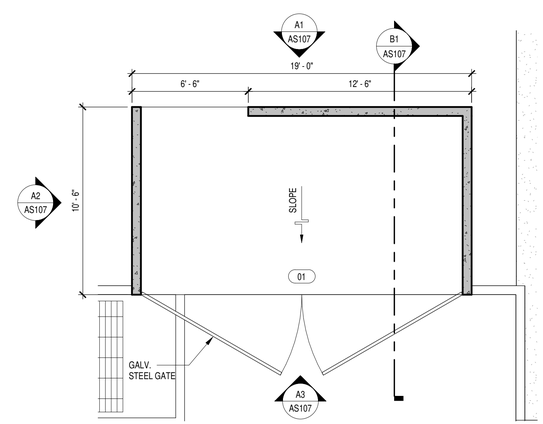
A1 GARBAGE STATION - REAR ELEVATION
SCALE: 1/4" = 1'-0"



A2 GARBAGE STATION
TYPICAL SIDE ELEVATION
SCALE: 1/4" = 1'-0"



A3 GARBAGE STATION - FRONT ELEVEVATION
SCALE: 1/4" = 1'-0"



A5 GARBAGE STATION - FLOOR PLAN
SCALE: 1/4" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
NÚM. 17189
EXP. 16/JUN/2024
PUERTO RICO

YO, ARQ. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

TYPICAL PLAN, ELEVATIONS, SECTIONS AND DETAILS - GARBAGE STATION & TRASH/RECYCLING AREA

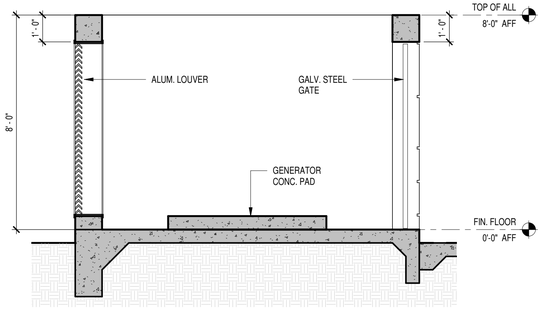
SHEET ID

MASTER SITE

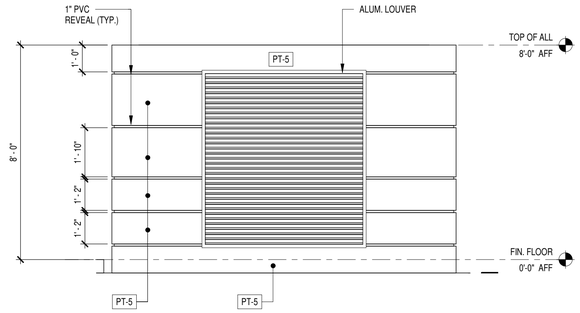
AS107

CONSTRUCTION DOCUMENTS

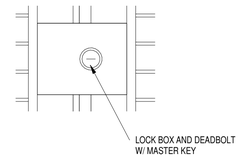
12/15/2023 11:33:58 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt



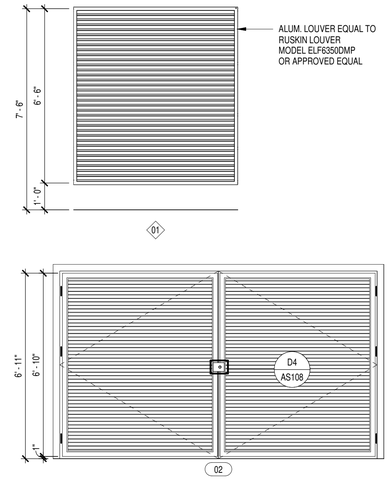
D1 GENERATOR ROOM SECTION
SCALE: 3/8" = 1'-0"



D2 GENERATOR ROOM SIDE ELEVATION
SCALE: 3/8" = 1'-0"

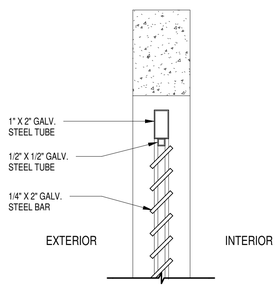


D4 GENERATOR GATE HARDWARE TYPE 02
SCALE: 3" = 1'-0"

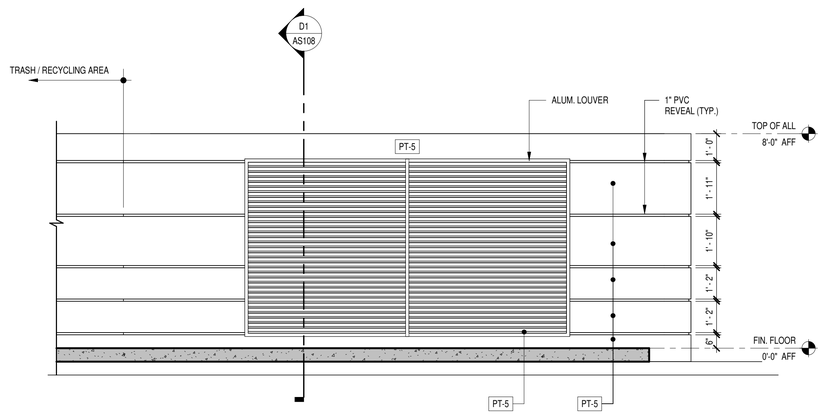


LOUVER GENERAL NOTES:

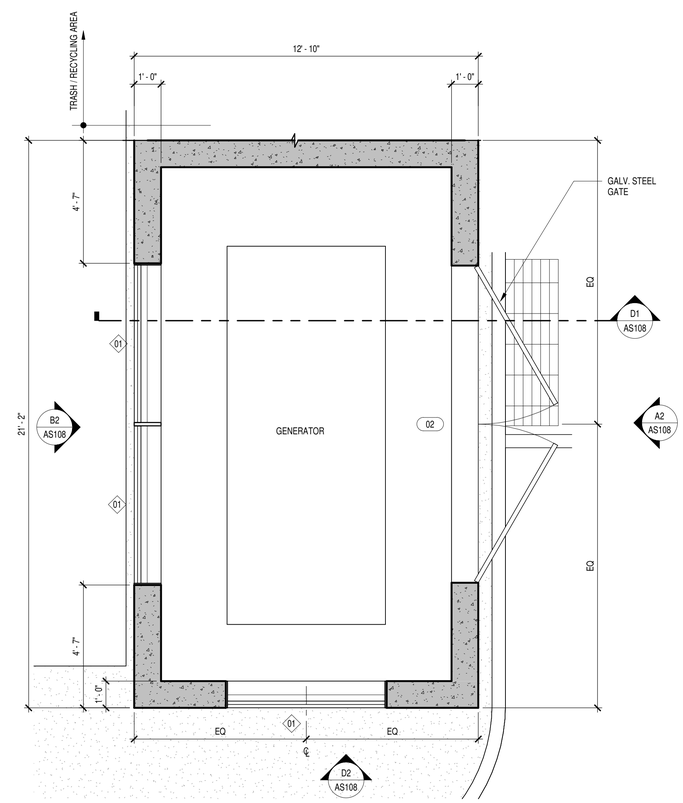
1. FIELD VERIFY ALL DIMENSIONS.
2. ALUMINUM FINISH AND COLOR TO BE SELECTED BY ARCHITECT.
3. MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS SIGNED AND SEALED BY THE PUERTO RICO REGISTERED ENGINEER WHO DESIGNED THE SYSTEM.
4. REFER TO SECTION 085113 ALUMINUM WINDOWS OF TECHNICAL SPECIFICATIONS.



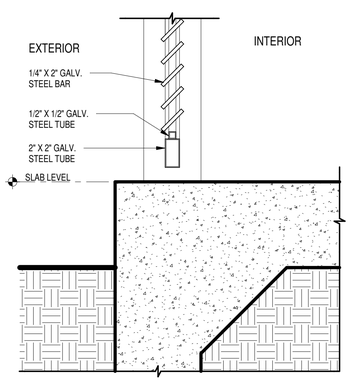
B1 GENERATOR GATE TOP DETAIL
SCALE: N.T.S.



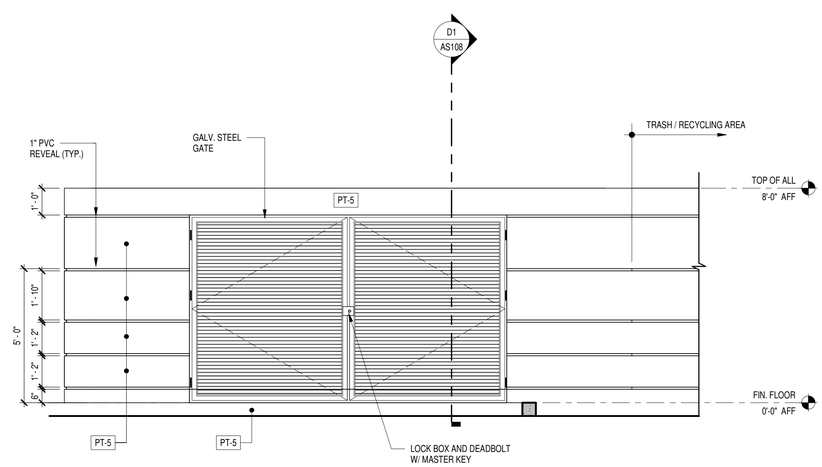
B2 GENERATOR ROOM REAR ELEVATION
SCALE: 3/8" = 1'-0"



A5 GENERATOR ROOM FLOOR PLAN
SCALE: 3/8" = 1'-0"



A1 GENERATOR GATE BOTTOM DETAIL
SCALE: N.T.S.



A2 GENERATOR ROOM FRONT ELEVATION
SCALE: 3/8" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
EXP. 16/JUN/2026
PUERTO RICO

YO, ARQ. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA CONO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUEI. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

TYPICAL PLAN, ELEVATIONS, SECTIONS & DETAILS - GENERATOR PADS

SHEET ID

MASTER SITE

AS108

CONSTRUCTION DOCUMENTS

12/15/2023 11:34:04 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

SITE EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	COLOR\FINISH (COMMENTS)	REMARKS(URL)
PY-1	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	JEFFERSON 350-1815	SLIDES: GREEN, ROCK CLIMBER: LIGHT GRAY, COMPONENT: BEIGE & POST: DARK BROWN, 1. COLOR SHEET PLASTIC: LIME, 2. COLOR SHEET PLASTIC: BEIGE/GRAY, PLASTISOL: BROWN	WITH SHADE (COLOR: OLIVE GREEN)
PY-2	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	CHALLENGERS 350-2240	SLIDES: GREEN, CUBE STEPS: BEIGE AND LIGHT GRAY, COMPONENT: BEIGE & POST: DARK BROWN, 1. COLOR SHEET PLASTIC: LIME, 2. COLOR SHEET PLASTIC: BEIGE/GRAY, PLASTISOL: BROWN	WITH SHADE (COLOR: OLIVE GREEN)
PY-3A	PLAYGROUND AGES 2-5	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX0721		
PY-3B	PLAYGROUND AGES 2-5	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX041		
PY-4	PLAYGROUND AGES 5-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX0151	COMPONENT: LIGHT GRAY, POST: FORREST GREEN	
PY-5	PLAYGROUND AGES 5-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZUN8246	ROTOMOLDED: LIGHT GRAY	
PY-6	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX0488	COMPONENT: LIGHT GRAY, POST: FORREST GREEN	
PY-7	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX0487	COMPONENT: LIGHT GRAY, POST: FORREST GREEN	
PY-8	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX489	COMPONENT: LIGHT GRAY, POST: FORREST GREEN	
PY-9	PLAYGROUND AGES 2-12	PLAYWORLD SYSTEMS @ CITY PARK EQUIPMENT	ZZXX0492	COMPONENT: LIGHT GRAY, POST: FORREST GREEN	
BN-1	BENCH	DUMOR	520-80	PLASTIC: WALNUT POWDER COAT ARGENTO	
BN-2	BENCH	DUMOR	520-60	PLASTIC: WALNUT POWDER COAT ARGENTO	
BN-3	TABLE/BENCH	DUMOR	525-663TX	PLASTIC: WALNUT POWDER COAT ARGENTO	ADA ACCESSIBLE
BN-4	TABLE/BENCH	DUMOR	525 SERIES TX	PLASTIC: WALNUT POWDER COAT ARGENTO	
TR-1	RECEPTABLE	DUMOR	502-32-BT	PLASTIC: WALNUT POWDER COAT ARGENTO	
BR-1	BIKE RACK	DUMOR	290 SERIES	POWDER COAT: ARGENTO	

NOTE: PLAYGROUND EQUIPMENT SUPPLIER / MANUFACTURER SHALL SUBMIT FOUNDATION PLANS CERTIFIED BY A LICENSED ENGINEER

SITE FINISH SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	COLOR\FINISH (COMMENTS	REMARKS(URL)
PT-5	WALL EXTERIOR PAINT 1	SHERWIN WILLIAMS	SW 6260	UNIQUE GRAY	MATTE
PT-6	WALL EXTERIOR PAINT 2	SHERWIN WILLIAMS	SW 6277	SPECIAL GRAY	MATTE
PT-7	TRIM PAINT EXTERIOR	SHERWIN WILLIAMS	SW 7005	PURE WHITE	MATTE
PT-8	EXTERIOR WALL ACCENT COLOR	SHERWIN WILLIAMS	SW 6278	CLOAK GRAY	MATTE
RF-1	PLAYGROUND RUBBER FLOOR	CITY PARK EQUIPMENT		SIGNAL GREEN + BLACK	SIZING WITH VENDOR'S RECOMMENDATION
CP-1	COMM. CTR. CONCRETE PAVERS 15" X 15" X 2"	CARMELO	LOZA PIZARRA	GRAY	INSTALLED INTERLOCKED PATTERN

GATE SCHEDULE - SITE

		DOOR DIMENSIONS				MATERIALS			FRAME	
GATE NO.	PAIR	WIDTH	HEIGHT	THICKNESS	GATE TYPE	MATERIAL	FINISH	HARDWARE SET	MATERIAL	FINISH
01		18' - 0"	7' - 0"	2"	46	AL	F2	01	AL	
02		11' - 10"	7' - 0"	2"	54	AL	F2	02	AL	
03		11' - 10"	7' - 0"	2"	45	AL	F2	01	AL	

SITE LIGHTING SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	FINISH	LAMPS	REMARKS(URL)
L-8	DOWNTOWN OUTDOOR CEILING MOUNT	WAC LIGHTING	FM-W47205-40-WT	WHITE	3000K 12W	
L-10	OUTDOOR SCONCE	WAC LIGHTING	WS-W2604	WHITE	3000K	
L-11	LIGHT POLE LIGHT FIXTURE	HAPCO LUMENPULSE	SOLAR POLE LUMENICON - AREA MEDIUM	BLACK BLACK	3000K	COMBINE LIGHT LIGHT POLE & LIGHTFIXTURE
L-12	SIDEWALKS AND PATHWAYS LIGHT FIXTURES	LUMENPULSE	LUMENICON - BOLLARD	BLACK	3000K	

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

RICARDO A. ALVAREZ-DIAZ
ARQUITECTO
LICENCIADO
LIC. #17189
EXP. 16/JUN/2024
PUERTO RICO

YO, ARQ. RICARDO ALVAREZ DIAZ LIC# 17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

FINISH SCHEDULE &
FINISH LEGEND

SHEET ID

MASTER SITE

AS109

CONSTRUCTION DOCUMENTS

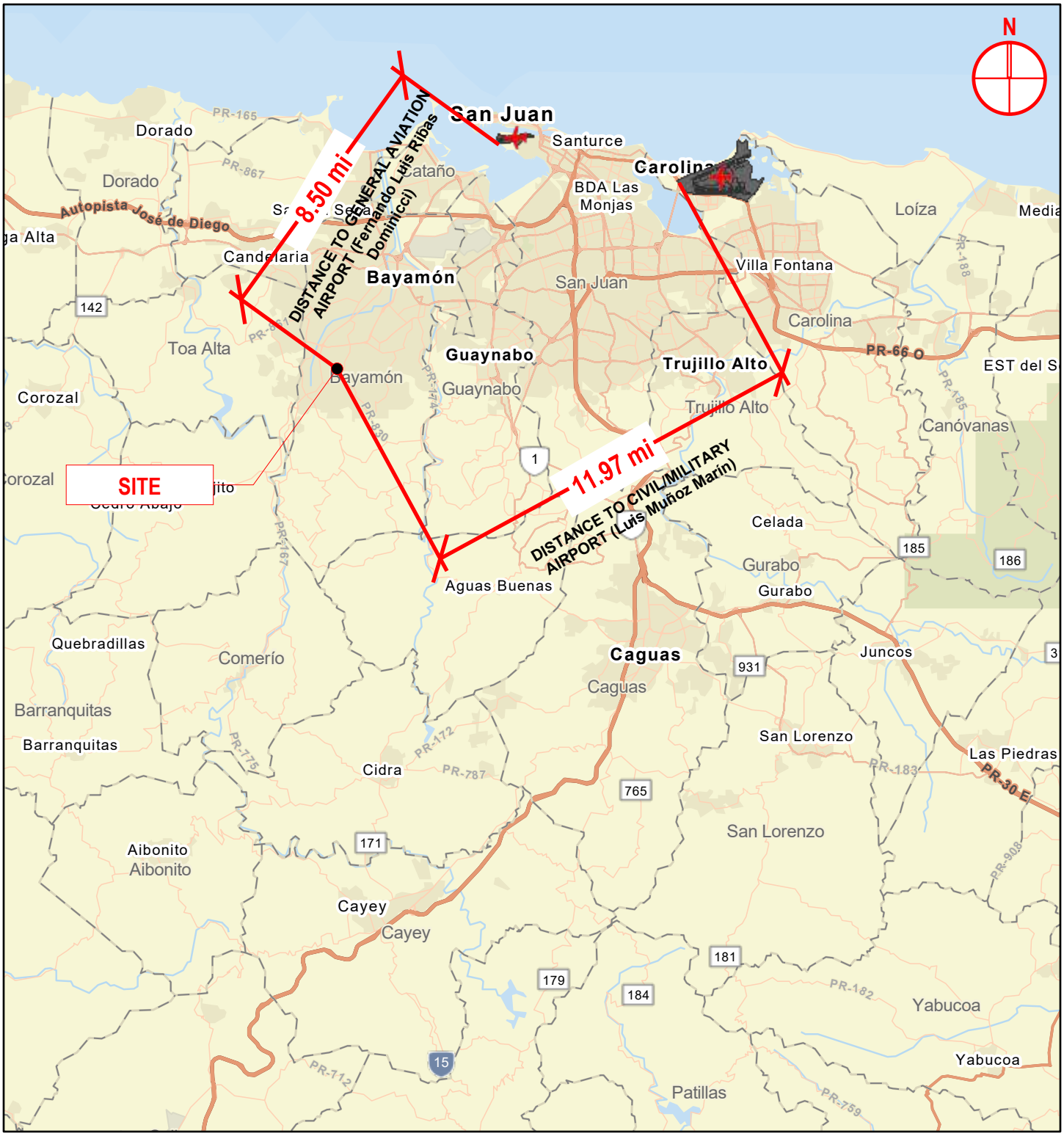
12/15/2023 11:34:06 AM Autodesk Docs://18016 (Apolonia)/18016-APOLONIA_MASTER SITE.rvt

3

Airport Map

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program



November 21, 2022

1:288,895

0 2.25 4.5 9 mi
0 3.75 7.5 15 km

Airport Points
Airport Polygons
Railroads

Esri, HERE, Garmin, Foursquare, SafeGraph, METI/NASA, USGS, NPS, EPA OEI

3a
Listed Airports

LISTED AIRPORTS OF PUERTO RICO

Airport name	Municipality	Type of airport	Group
José Aponte De LA Torre (RVR)	Ceiba	Primary non-hub commercial service	6
Benjamin Rivera Noriega (CPX)	Culebra	Primary non-hub commercial service	6
Antonio Rivera Rodríguez (VQS)	Vieques	Primary non-hub commercial service	6
Mercedita (PSE)	Ponce	Primary non-hub commercial service	4
Eugenio María de Hostos (MAZ)	Mayaguez	Regional Commercial service	3
Rafael Hernández (BQN)	Aguadilla	Non-hub commercial service	3
Luis Muñoz Marín (SJU)	San Juan	Civil large/medium hub and joint military airfield	1
Fernando Luis Ribas Dominicci (SIG)	San Juan	Civil small/non-hub	1

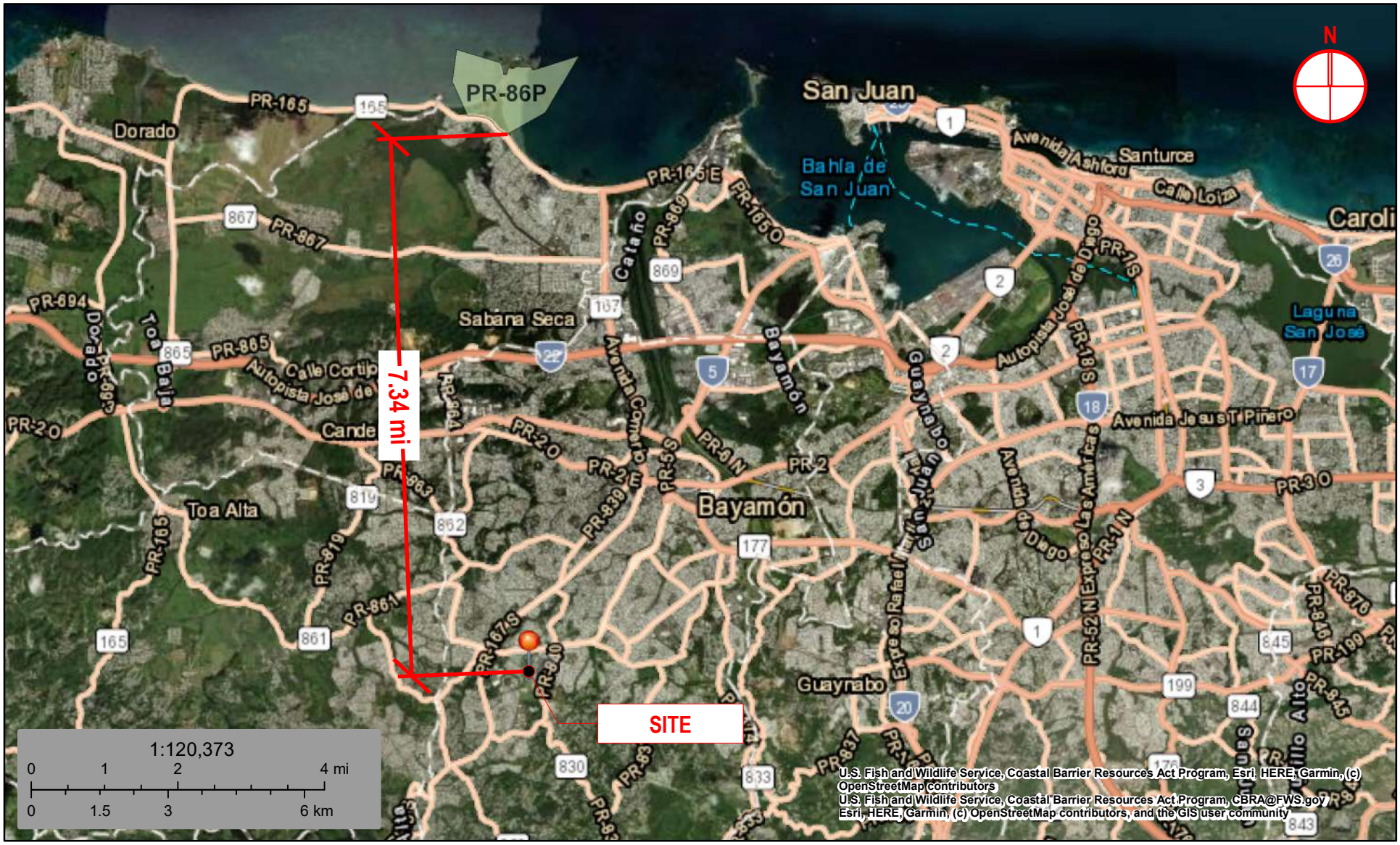
4

Coastal Barrier Resources Act Map

U.S. Fish and Wildlife Service
Coastal Barrier Resources System

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program



June 12, 2023

CBRS Buffer Zone

System Unit

CBRS Units

Otherwise Protected Area

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

U.S. Fish and Wildlife Service
Coastal Barrier Resources System

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program

SITE
N
Pájaros
Urb Rexville
Calle 20
Calle 17
Calle 15
PR-199 E
PR-5 E
PR-5 O
Calle 41
Calle 44
Calle 48
Calle 50
Olimpo
Parque Mariano Tito Ortis
Calle 3A
Calle 3
Calle 6
Calle 7
Calle 10
Calle 11
Calle 12
Calle 14
Calle 16
Calle 17
Calle 20
Calle 21
Calle 23
Calle 25
Calle 28
Calle 30
Calle 9A
Cerro Gordo
Minillas
Calle Alfa
Calle Zaraza
Calle Haití
EST del Bosque
Camino Esteban Cruz
Río Hondo
Avenida Hos
Cementerio Bayamón
Urb Panorama EST
Vista de la Bahía
Vista de Mar
Calle 2
Calle 1
PR-167 S
PR-167
Calle 11A
Avenida 3
Buena Vista
Calle 21
Calle 31
Calle 20
Calle 27
Calle 25
Calle 22
Uipr-Escuela de Optometría
Sect Las Piedras
Calle 35
Calle 10
Calle 9
Calle 54
Camino Ernesto
Parque Oller
Calle 34
Calle 32
EXT Oller
Calle India
Calle Jalisco
Calle Kenya
Calle Laredo
Calle 13
Calle 2
Calle 8
Calle 28
Calle 29
Calle 33
Calle 31
Calle 49
Calle 57
Calle 51
Calle 58
Calle 59
Calle 60
Calle 52
Calle 61
Calle 62
Calle 44
Calle 41
Calle 54
Calle 35
Calle 34
Calle 33
Calle 29
Calle 31
Calle 15
Calle 14
Calle 12
Calle 1
Calle 7A
Calle 8A
Calle 9
Calle 8
Calle 3
Calle 2
Calle 1
Calle 25
Calle 22
Calle 27
Calle 19
Calle 21
Calle 31
Calle 20
Calle 11A
Calle 15
Calle 14
Calle 12
Calle 1
Calle 8
Calle 9
Calle 9A
Calle 14
Calle 21
Calle 23
Calle 30
Calle 25
Calle 16
Calle 17
Calle 7
Calle 6
Calle 3A
Calle 3
Calle 2
Calle 1
Calle 48
Calle 50
Calle 41
Calle 44
Calle 20
Calle 17
Calle 15
Calle 13
Calle 28
Calle 8
Calle 2
Calle 54
Calle 35
Calle 10
Calle 9
Calle 34
Calle 32
Calle 25

U.S. Fish and Wildlife Service

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program

Coastal Barrier Resources System Mapper Documentation

CBRS Units

- Otherwise Protected Area
- System Unit
- CBRS Buffer Zone
- -66.180868, 18.35959

0 65 130 260 390 ft

1:4,514

The pin location displayed on the map is a point selected by the user. Failure of the user to ensure that the pin location displayed on this map correctly corresponds with the user supplied address/location description below may result in an invalid federal flood insurance policy. **The U.S. Fish and Wildlife Service (Service) has not validated the pin location with respect to the user supplied address/location description below. The Service recommends that all pin locations be verified by federal agencies prior to use of this map for the provision or denial of federal funding or financial assistance** . Please note that a structure bisected by the Coastal Barrier Resources System (CBRS) boundary (i.e., both "partially in" and "partially out") is within the CBRS and therefore affected by CBRA's restrictions on federal flood insurance. A pin placed on a bisected structure must be placed on the portion of the structure within the unit (including any attached features such as a deck or stairs).

User Name: APOLONIA APARTMENTS
User Supplied Address/Location Description: BARRIO CERRO GORDO PR-830 KM 0.5 BAYAMON, PR
Pin Location: Outside CBRS
Pin Flood Insurance Prohibition Date: N/A
Pin System Unit Establishment Date: N/A

The user placed pin location is not within the CBRS. The official CBRS maps are accessible at https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps .

The CBRS information is derived directly from the CBRS web service provided by the Service. This map was exported on 6/12/2023 and does not reflect changes or amendments subsequent to this date. The CBRS boundaries on this map may become superseded by new boundaries over time.

This map image may be void if one or more of the following map elements do not appear: basemap imagery, CBRS unit labels, prohibition date labels, legend, scale bar, map creation date. For additional information about flood insurance and the CBRS, visit: https://www.fws.gov/node/263838 .

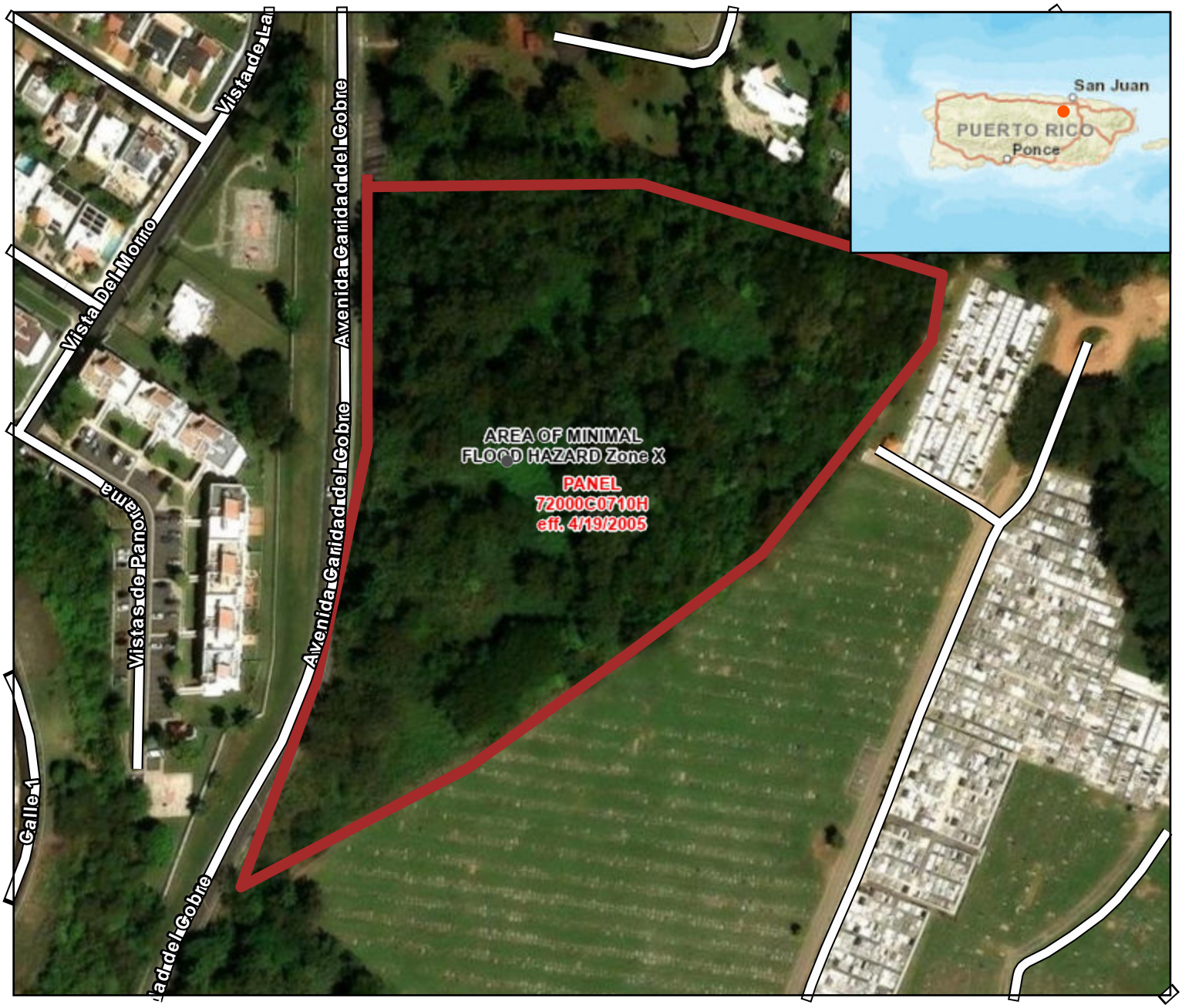
5

Flood Insurance Rate Map

Flood Insurance Rate Map

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Low Income Housing Tax Credit (LIHTC) Program



Legend

- Project Site

FEMA Flood Zones - Effective

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- X, Area of Minimal Flood Hazard
- FEMA Flood Zone Panel

0 0.02 0.04 0.08 mi

N W E S

https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd

10/23/2025 1:07 PM

5a

Puerto Rico Planning Board No Requirement of Flood Insurance Form

21-Nov-2022

Gobierno de Puerto Rico
Junta De Planificación de Puerto Rico
Administrador Estatal de Valles Inundables
Oficina de Geología e Hidrogeología

Determinación Número
2022-00-JDI-4509

DETERMINACIÓN DE INUNDACIÓN

Determinación sobre la clasificación de una propiedad respecto a las Áreas Especiales de Riesgo a Inundación en Puerto Rico

Número de Catastro	Nombre de la Comunidad Participante	Número de la Comunidad Participante
113-041-001-46	Comunidad Participante de Bayamón	720100#

Información de la Propiedad

Municipio	Barrio	Carretera y Sector	Plus Code	Coordenadas
Bayamón	Cerro Gordo	830 Km 0.5 Cerro Gordo, Bayamon	77CM9R59+QF	X:226639.1 Y:258244.2

Información sobre el Mapa de Tasas del Seguro de Inundación

(FIRM, por sus siglas en inglés)

Número del Mapa de Inundación, FIRM	Vigencia	Status de Panel	Zona Inundable
72000C0710H	19/Apr/2005	Printed	X

Cauce Mayor (Sí, No, No determinado)	¿La propiedad ubica en un área especial de riesgo a inundación del 1% de probabilidad?	Nivel de Inundación Base (MSL)	Profundidad de Inundación Base (Solo aplica a Zona AO)
No	No	No Aplica	No Aplica

Sistema de Barreras Costeras (Sí o No)/Fecha de Designación	Tipo de Barrera Costera	Cuenca Hidrográfica (USGS)
No Aplica	No Aplica	Cuenca del Río Bayamón - Río Hondo hasta Río Puerto Nuevo - Río Piedras

Nombre del Cuerpo de Agua Adyacente (cuando es VE es el mar, primera fase el cuerpo de agua mas cercano)	¿Se propone depósito de relleno?
Quebrada Cerro Gordo (Quebradas) a 7757.8 m.	No

Información sobre el Mapa de Niveles de Inundación Base Recomendados

(ABFE, por sus siglas en inglés)

Número del Mapa de Inundación	Vigencia	Zona Inundable
72000C0710H	13/Apr/2018	Fuera mapa (ABFE)

La Junta de Planificación de Puerto Rico, en su resolución JP-ABFE_01 del 23 de marzo de 2018, **requiere que para toda nueva construcción o mejora sustancial, otorgación de permisos según aplique en su ámbito jurisdiccional cumpla con los Mapas de Niveles de Inundación Base Recomendados** preparados por la Agencia Federal para el Manejo de Emergencias (FEMA, por sus siglas en inglés); excluyendo de su uso determinaciones o decisiones relacionadas al seguro de inundación NFIP, por sus siglas en inglés.

Determinación

Esta determinación está basada en datos de la Junta de Planificación y datos obtenidos de los Mapas de Tasas del Seguro de Inundación vigentes y no determina la localización exacta de una estructura dentro de una propiedad. Se advierte que una propiedad no localizada dentro del área inundable regulatoria (inundación del 1% de probabilidad o inundación con recurrencia de 100 años) pudiera ser afectada por inundaciones locales o inundaciones de otras recurrencias no reflejadas en estos mapas. Para propósitos del seguro de inundación, el mapa oficial es el DFIRM, adoptado por la Junta de Planificación de Puerto Rico. La clasificación parcial entre dos o más zonas, prevalecerá la más estricta.

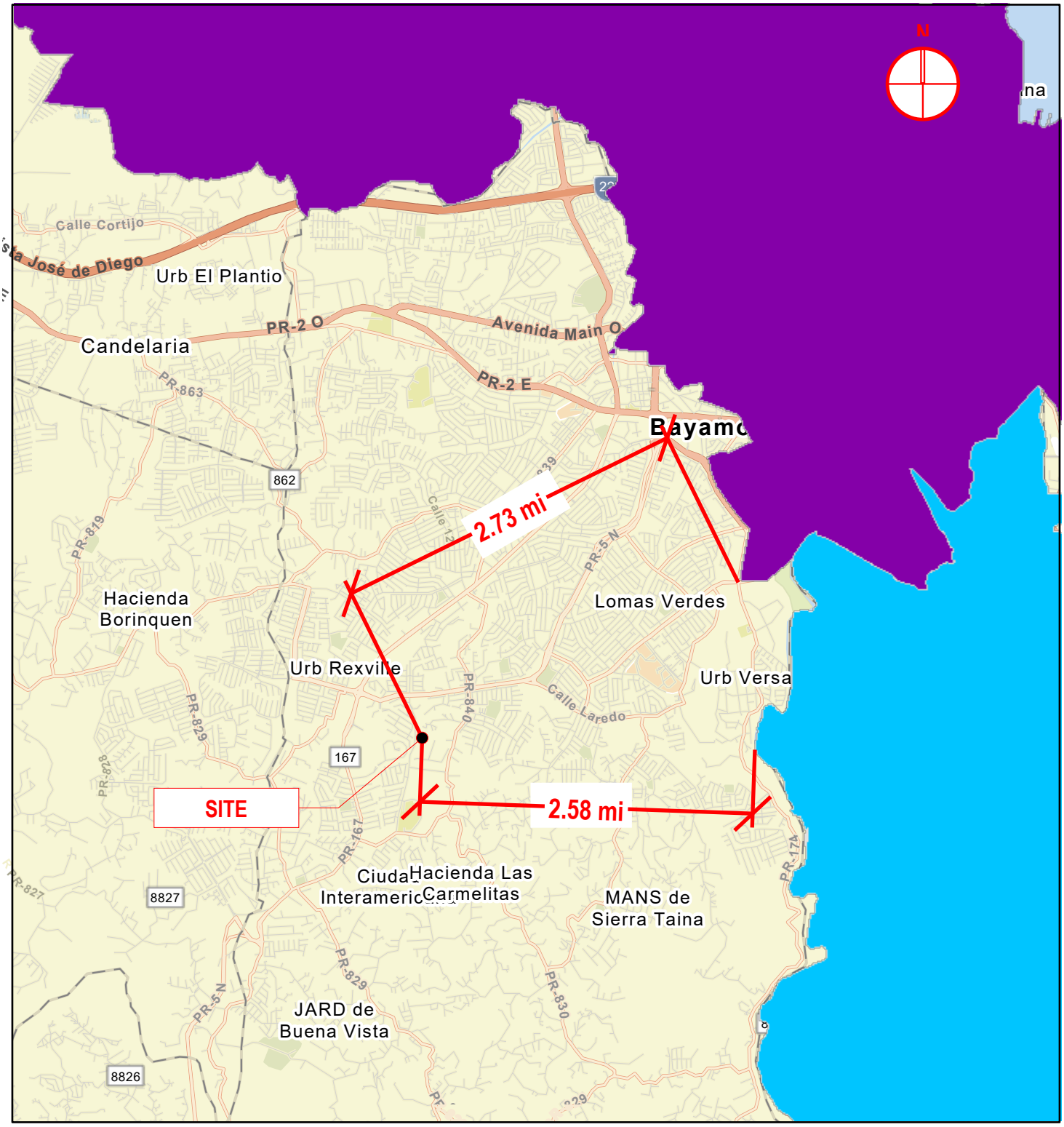
Si la propiedad está en un Área Especial de Riesgo [Peligro] a Inundación, se requiere cumplir con las disposiciones del Reglamento de Planificación No. 13 vigente y será requerido cumplir con la Ley Federal de Protección a Desastres del año 1973. Para las zonas A, AE, AO, AH, A99 y VE es requisito obligatorio adquirir un seguro de inundación para propiedades con hipotecas respaldadas federalmente.

Solicitante		Fecha de Emisión
Apolonia Apartments	Contáctenos en avipr@jp.pr.gov	21/Nov/2022

6

Nonattainment Area Map

Coordinates:18.359445, -66.181305
Physical Location: Barrio Cerro Gordo,PR-830 KM 0.5, Bayamón, PR
Cadastral Number: 113-041-001-46-000



November 21, 2022

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

SO2 1-hr (2010 standard)

Nonattainment

PM10 (1987 standard)

Maintenance

Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, U.S. EPA Office of Air and Radiation (OAR) - Office of Air Quality Planning and Standards (OAQPS)

6A

EPA Green Book & Air Quality

logo

Sulfur Dioxide (2010) Nonattainment Areas by State/County/Area

Data is current as of September 30, 2025

Click underlined column heading to change report order

State	County	Area Name	County NA Whole/Part click link for partial county description	2010 Population whole or partial county population	State/ County FIPS
ARIZONA	Gila County	Hayden, AZ	**Part**	1,284	04/007
ARIZONA	Gila County	Miami, AZ	**Part**	14,995	04/007
ARIZONA	Pinal County	Hayden, AZ	**Part**	3,346	04/021
GUAM	Guam	Piti-Cabras, GU	**Part**	6,116	66/010
INDIANA	Huntington County	Huntington, IN	Part	20,838	18/069
IOWA	Muscatine County	Muscatine, IA	**Part**	30,329	19/139
KENTUCKY	Henderson County	Henderson-Webster Counties, KY	**Part**	3,783	21/101
KENTUCKY	Webster County	Henderson-Webster Counties, KY	**Part**	3,149	21/233
LOUISIANA	Evangeline Parish	Evangeline Parish (Partial), LA	**Part**	124	22/039
LOUISIANA	St. Bernard Parish	St. Bernard Parish, LA	Whole	35,897	22/087
MARYLAND	Anne Arundel County	Anne Arundel County and Baltimore County, MD	**Part**	479,620	24/003
MARYLAND	Baltimore County	Anne Arundel County and Baltimore County, MD	**Part**	510,713	24/005
MICHIGAN	St. Clair County	St. Clair, MI	**Part**	52,102	26/147
MICHIGAN	Wayne County	Detroit, MI	**Part**	254,079	26/163
MISSOURI	New Madrid County	New Madrid County, MO	**Part**	2	29/143
NEW YORK	St. Lawrence County	St. Lawrence County, NY	**Part**	11,922	36/089
OHIO	Morgan County	Muskingum River, OH	Part	743	39/115
OHIO	Washington County	Muskingum River, OH	Part	3,713	39/167
PENNSYLVANIA	Armstrong County	Indiana, PA	**Part**	3,898	42/005
PENNSYLVANIA	Beaver County	Beaver, PA	**Part**	14,780	42/007
PENNSYLVANIA	Cambria County	Cambria-Westmoreland Area, PA	Part	2,699	42/021
PENNSYLVANIA	Indiana County	Indiana, PA	Whole	88,880	42/063
PENNSYLVANIA	Warren County	Warren, PA	**Part**	18,056	42/123
PENNSYLVANIA	Westmoreland County	Cambria-Westmoreland Area, PA	Part	2,702	42/129

State	County	Area Name	County NA Whole/Part click link for partial county description	2010 Population whole or partial county population	State/ County FIPS
PUERTO RICO	Bayamon Municipio	San Juan, PR	Part	22,921	72/021
PUERTO RICO	Catano Municipio	San Juan, PR	Whole	28,140	72/033
PUERTO RICO	Guaynabo Municipio	San Juan, PR	Part	23,802	72/061
PUERTO RICO	Salinas Municipio	Guayama-Salinas, PR	Part	23,401	72/123
PUERTO RICO	San Juan Municipio	San Juan, PR	Part	147,963	72/127
PUERTO RICO	Toa Baja Municipio	San Juan, PR	Part	52,441	72/137
TENNESSEE	Sullivan County	Sullivan County, TN	**Part**	15,289	47/163
TEXAS	Anderson County	Freestone and Anderson Counties, TX	**Part**	7	48/001
TEXAS	Freestone County	Freestone and Anderson Counties, TX	**Part**	4,087	48/161
TEXAS	Howard County	Howard County, TX	**Part**	281	48/227
TEXAS	Hutchinson County	Hutchinson County, TX	**Part**	14,593	48/233
TEXAS	Navarro County	Navarro County, TX	**Part**	1,593	48/349
TEXAS	Panola County	Rusk and Panola Counties, TX	**Part**	24	48/365
TEXAS	Rusk County	Rusk and Panola Counties, TX	**Part**	1,656	48/401
TEXAS	Titus County	Titus County, TX	**Part**	211	48/449
VIRGINIA	Giles County	Giles County, VA	**Part**	183	51/071

7
Coastal Zone Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Coastal Zone Management Map

Coastal Zone Land Boundary

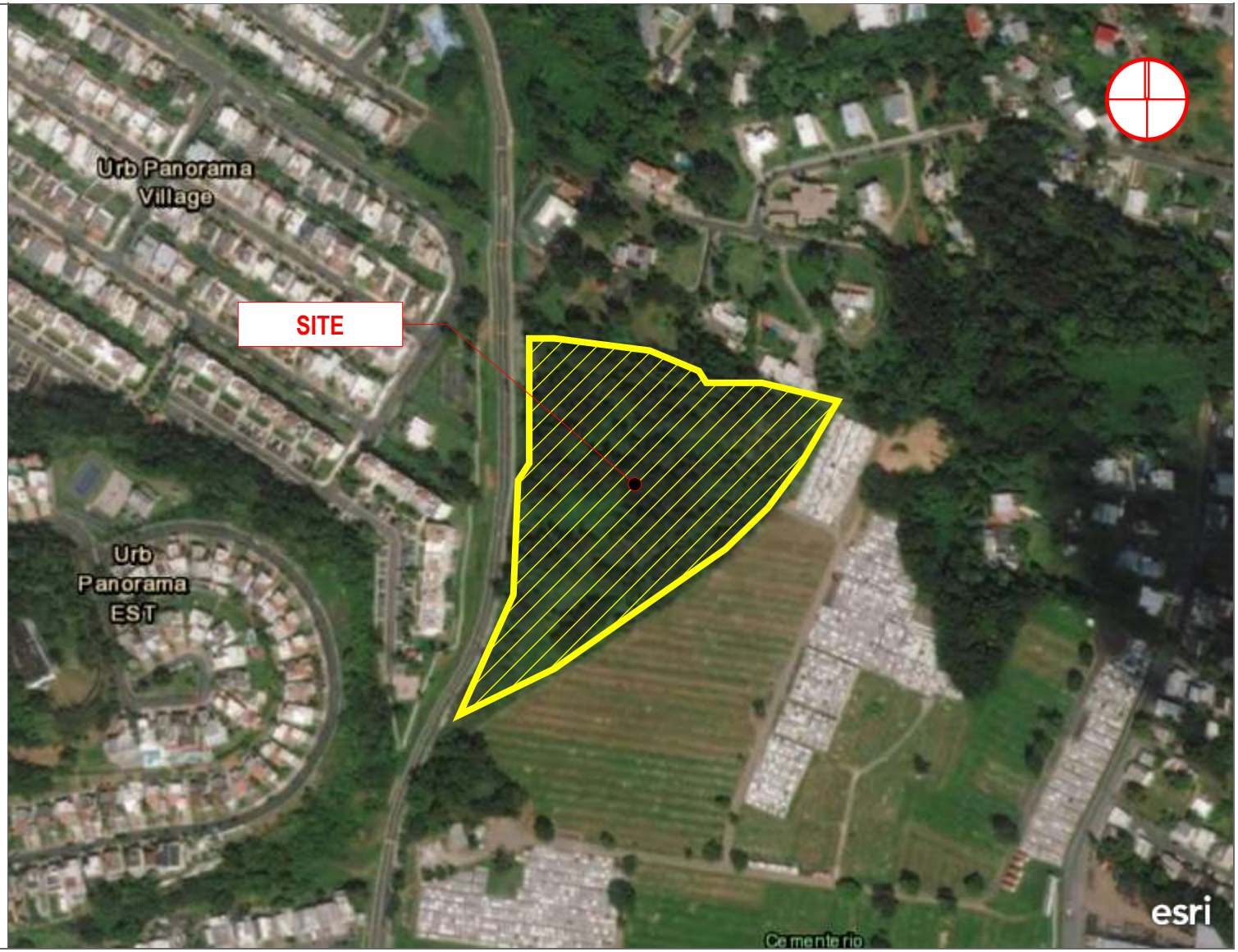
Puerto Rico Coastal Vulnerability ViewerThis tool is intended to provide a preliminary assessment of coastal resources and infrastructure at risk due to climate change and sea le ...

Earthstar Geographics | Esri, HERE, Garmin

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Coastal Zone Management Map

Coastal Zone Land Boundary



100m

Puerto Rico Coastal Vulnerability ViewerThis tool is intended to provide a preliminary assessment of coastal resources and infrastructure at risk due to climate change and sea le ...

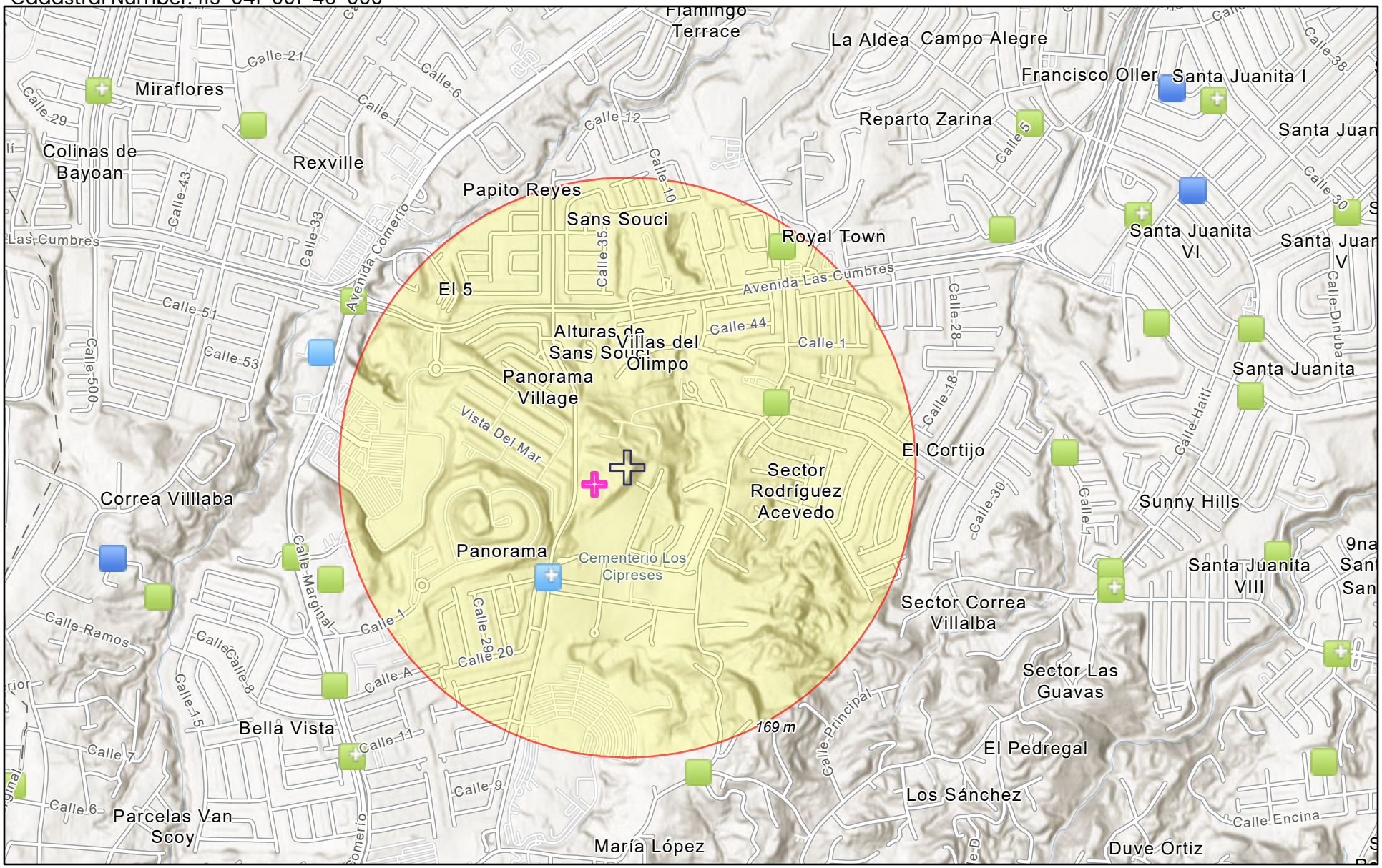
Maxar | Esri, HERE, Garmin, GeoTechnologies, Inc.

8

EPA Facilities Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Toxics 3,000 FT from Northeast of Site



October 23, 2025

- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Air Pollution (ICIS-AIR)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Project Buffer
- Northeast Point

1:18,056

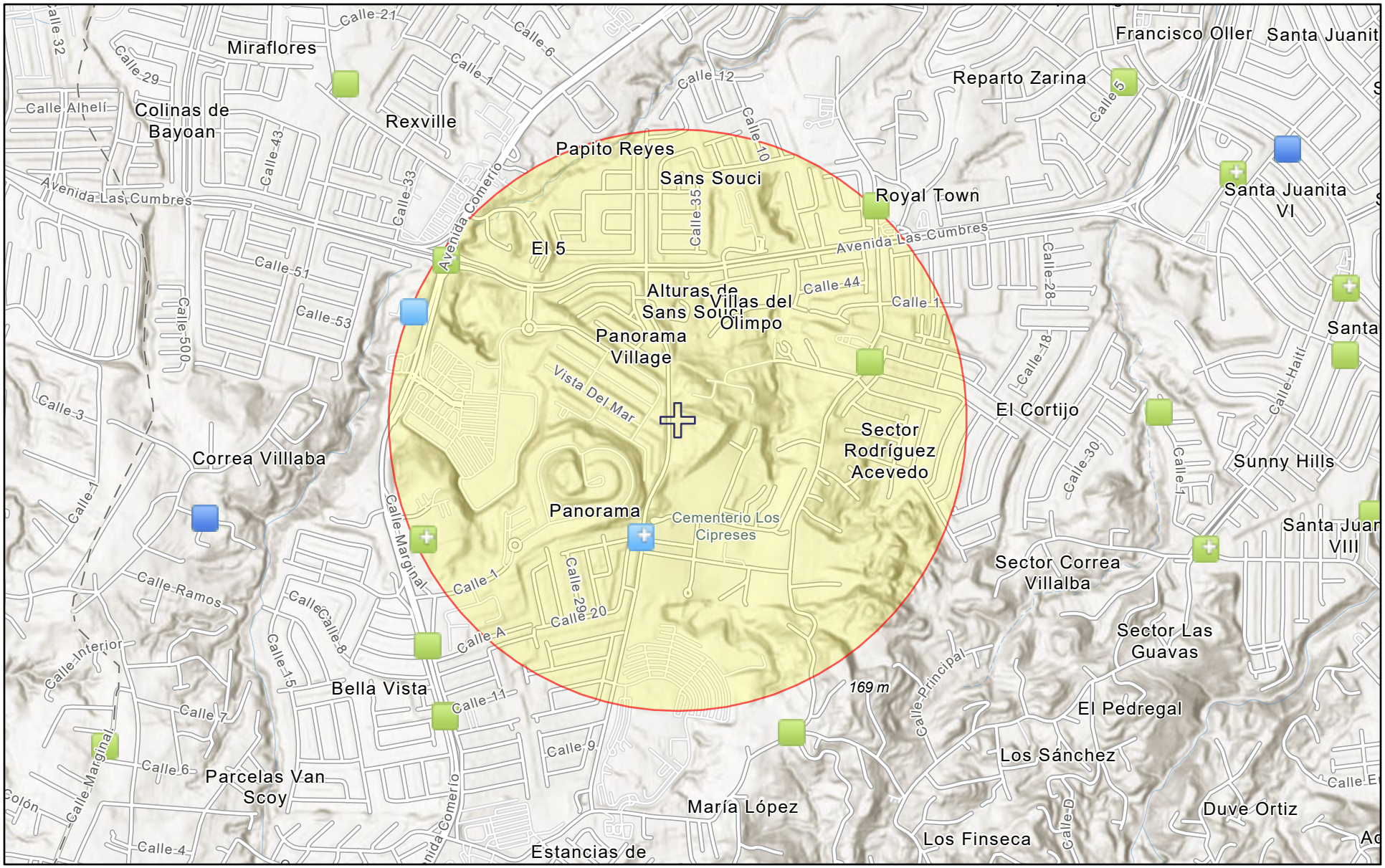
0 0.13 0.25 0.5 mi

0 0.23 0.45 0.9 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Toxics 3,000 FT From Northwest of Site



October 23, 2025

- Air Pollution (ICIS-AIR)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Project Buffer
- Northwest Point

1:18,056

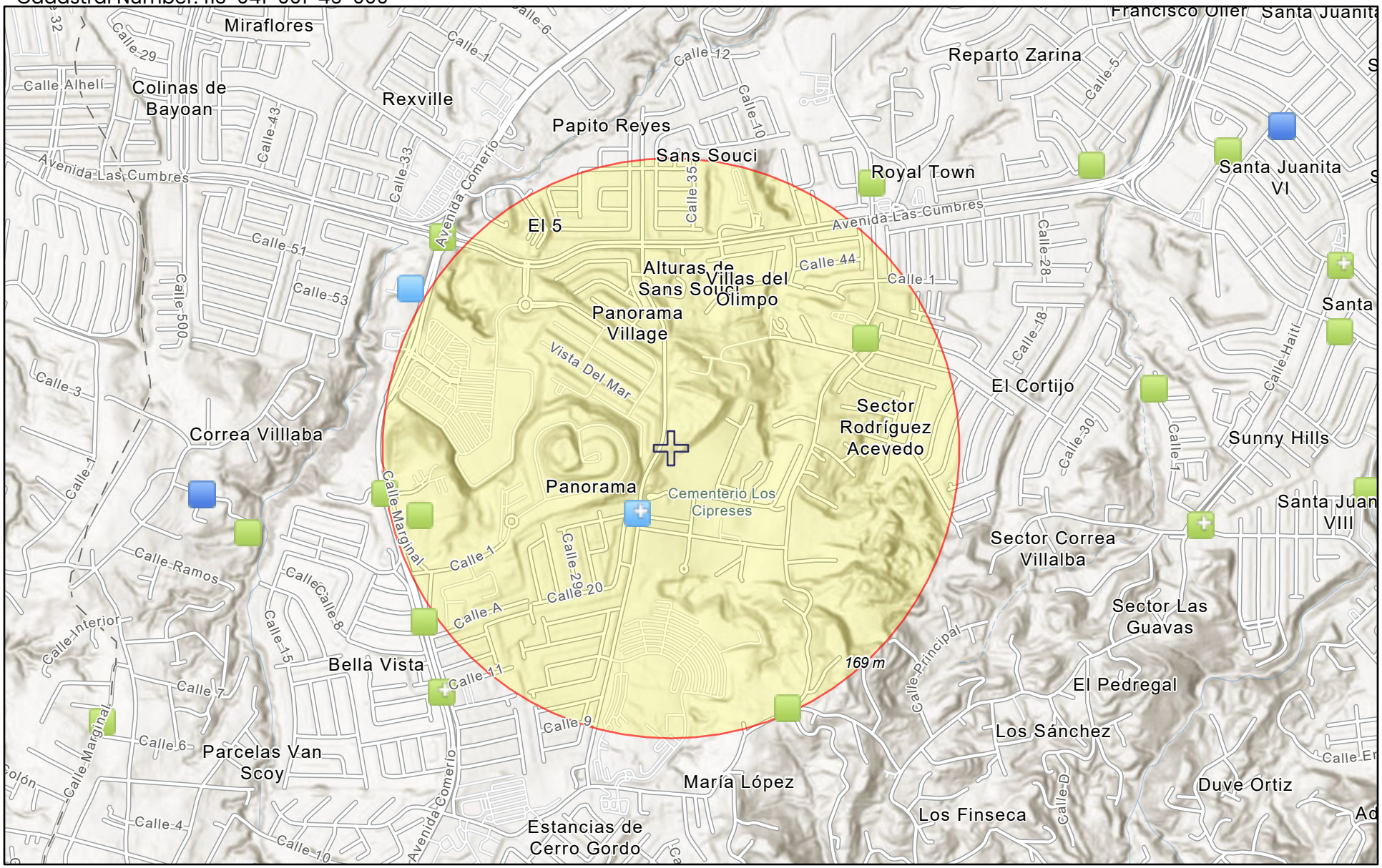
0 0.13 0.25 0.5 mi

0 0.23 0.45 0.9 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Toxics 3,000 ft From South of Site



October 23, 2025

- Air Pollution (ICIS-AIR)
- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Project Buffer
- South Point

1:18,056

0 0.13 0.25 0.5 mi

0 0.23 0.45 0.9 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

8a

NEPAssist Areas of Concern Table 3,000 ft buffer of project site

NEPAssist Identified Areas of Concern

Facility Name	Street Address	City	State	RegistryID	Reports	Compliance Monitoring Activity (5 years)	Significant Violations	FacFormalActionCount	Distance	FacMapFlg	DFR URL
EXTENSION CARIDAD DEL COBRE AVENUE	PR-199 TO EXISTING AVE.	BAYAMÓN	PR	110070067236.00		0	No	0	689.2 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110070067236
DEPT OF ED - MIGUEL MELENDEZ MUNOZ	RD 840 KM 1.3 LA ALDEA WARD	BAYAMÓN	PR	110007816505.00	N	0	0	0	2,503.05 feet	Y	https://echo.epa.gov/detailed-facility-report?fid=110007816505
GARAGE FELO INC	PR-167 KM 17.0	BAYAMÓN	PR	110004889363.00		0	No	0	2,509.05 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110004889363
MIKE PIZARRO MAINTENANCE CO	CARR 840 KM 1.8 BO CERRO GORDO	BAYAMÓN	PR	110004892858.00		0	No	0	2,733.5 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110004892858
CVS PHARMACY #5677	CARR 167 INT PR 199 REXVILLE	BAYAMÓN	PR	110055643291.00		0	No	0	2,832.12 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110055643291
WALGREENS 797	CARR 167 & AVE LAS CUMBRES	BAYAMÓN	PR	110007817540.00		0	No	0	2,866.47 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110007817540
KMART #7788	PR 167 & PR 199 LAS CUMBRES	BAYAMÓN	PR	110007820386.00		0	No	0	2,889.8 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110007820386
ROBINSON TRANSMISSION	CARR 830 KM 1.3 CERRO GORDON	BAYAMÓN	PR	110032659139.00		0	No	0	2,899.65 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110032659139
SALUD INTEGRAL DE LA MONTAÑA FACILITIES REMODELATION	PR 165 KM. 17.1 PAJAROS WARD	BAYAMÓN	PR	110070100058.00		0	No	0	2,934 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110070100058
REXVILLE OPEN MRI RCT CENTER INC	PR-167 KM 16.6 URB CANE	BAYAMÓN	PR	110037441774.00	C	0	No	0	2,977.41 feet	0	https://echo.epa.gov/detailed-facility-report?fid=110037441774

8B

Phase I ESA (2025)

July 9, 2025

USA Institutional Apolonia Apartments LLC
Cerro Gordo PR-149
Bayamon, Puerto Rico

Via email: Esteban Estrada-Concepcion – eestrada@frcg.net

Subject: **PRIVILEGED AND CONFIDENTIAL**
Phase I Environmental Site Assessment Report
Vacant Parcel
Proposed Apolonia Apartments Residential Project
PR-830 Road, Km. 0.5 (Int.)
Cerro Gordo Ward
Bayamon, Puerto Rico
CES Project No. 24-0009B

Dear Sirs:

Caribe Environmental Services (CES) respectfully submits to your attention this Phase I Environmental Site Assessment report of the referenced property. One digital version in PDF format of the report is submitted for your use. These services were conducted in accordance with the scope of work described in email communication dated June 3, 2025, addressed to Mr. Esteban Estrada.

For your information according to the ASTM Standard, this practice does not address whether requirements in addition to all appropriate inquiries have been met in order to qualify for the LLPs. For example, the duties specified in 42 U.S.C. §9607(b)(3)(a) and (b) and cited in Appendix X1 of the ASTM E1527-21 Standard, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations. After acquiring a property, to maintain the liability protections, landowners must comply with "continuing obligations" during their property ownership. We understand that the continuing obligations may include:

- Provide all legally required notices with respect to the discovery or release of a hazardous substance;

PRIVILEGED AND CONFIDENTIAL

- Exercise appropriate care with respect to the hazardous substances by taking reasonable steps to stop or prevent continuing or threatened future releases and exposures, and prevent or limit human and environmental exposure to previous releases;
- Provide full cooperation, assistance, and access to per- sons authorized to conduct response actions or natural resource restoration;
- Comply with land use restrictions and not impede the effectiveness of institutional controls; and
- Comply with information requests and subpoenas.

This is a legal evaluation which is beyond the scope of the Phase I assessment.

We appreciate the opportunity to provide our professional services to you and look forward to our continued working relationship. If you have any questions regarding the enclosed report, please do not hesitate to contact us at your convenience.

Respectfully yours,

CARIBE ENVIRONMENTAL SERVICES

Luis R. Colón Morales, P.E., M.E.
Project Manager

Raúl Colón, P.E., P.H.
Principal

2025 Files\Apolonia Apartments Bayamon Phase I\Phase I Transmittal Letter.doc

PRIVILEGED AND CONFIDENTIAL

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
VACANT PARCEL
PROPOSED APOLONIA APARTMENTS RESIDENTIAL PROJECT
PR-830 ROAD, KM. 0.5 (INT.)
CERRO GORDO WARD
BAYAMON, PUERTO RICO

Prepared For:

USA INSTITUTIONAL APOLONIA APARTMENTS, LLC
ILLINOIS, USA

Prepared By:

CARIBE ENVIRONMENTAL SERVICES
CAGUAS, PUERTO RICO

PROJECT NO. 24-0009B

JULY 2025

PRIVILEGED AND CONFIDENTIAL

TABLE OF CONTENTS

SECTION **PAGE**

1.0 SUMMARY 1

2.0 INTRODUCTION 4

2.1 PURPOSE 4
2.2 DETAILED SCOPE OF SERVICES 6
2.3 SIGNIFICANT ASSUMPTIONS 9
2.4 LIMITATIONS AND EXCEPTIONS 9
2.5 USER RELIANCE 14
2.6 REPORT VIABILITY 14

3.0 SITE DESCRIPTION 15

3.1 LOCATION AND LEGAL DESCRIPTION 15
3.2 SITE AND VICINITY GENERAL CHARACTERISTICS 15
3.3 CURRENT USE OF THE PROPERTY 16
3.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE 16
3.5 CURRENT USE OF ADJOINING PROPERTIES 16

4.0 USER PROVIDED INFORMATION 18

4.1 TITLE RECORDS 18
4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATION 18
4.3 SPECIALIZED KNOWLEDGE 19
4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION 19
4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 19
4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION 19
4.7 REASON FOR PERFORMING A PHASE I 20
4.8 OTHER INFORMATION 20

5.0 RECORDS REVIEW 21

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES 21
5.1.1 Resource Conservation & Recovery Information System (RCRIS) 21
5.1.2 Superfund Enterprise Management System (SEMS) 22
5.1.3 National Priorities List (NPL) 23
5.1.4 Emergency Response Notification System (ERNS) 23

PRIVILEGED AND CONFIDENTIAL

TABLE OF CONTENTS (Continued)

SECTION **PAGE**

5.1.5 Petroleum Underground Storage Tanks (USTs) List 24
5.1.6 Leaking Underground Storage Tanks (LUST) List 24
5.1.7 Solid Waste Landfills 25
5.1.8 Federal, State and Tribal Institutional /Engineering Control Registries 25
5.1.9 Facility Index System 26
5.1.10 Integrated Compliance Information System 26
5.1.11 State and Tribal Brownfield Sites 27
5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES 27
5.2.1 EPA Facility Registry Services (FRS) 28
5.3 PHYSICAL SETTING SOURCES 28
5.3.1 USGS Topographic Map 28
5.3.2 USGS Geologic Map 29
5.3.3 USDA NRCS Soil Survey 29
5.3.4 USGS Atlas of Ground-Water Resources and Aquifer Systems 29
5.3.5 Flooding Conditions 30
5.3.6 Wetlands 30
5.4 HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES 32
5.4.1 Historical aerial photographs 33
5.4.2 Historical USGS Topographic Maps 36
5.4.3 Puerto Rico Planning Board Listed Used and Permits 36
5.4.4 Puerto Rico Property Municipal 36
5.4.5 Land Use 37
5.4.6 Historical Profile Interview 37
5.4.7 Historical Uses Summary 38
5.5 FIRE DEPARTMENT FILES REVIEW 38

6.0 SITE RECONNAISSANCE 39

6.1 METHODOLOGY AND LIMITING CONDITIONS 39
6.2 GENERAL SITE SETTING 39
6.3 EXTERIOR AND INTERIOR OBSERVATIONS 39
6.3.1 Potable Water, Wastewater and Stormwater 40
6.3.2 Toxic Substances 40
6.3.3 Non-Hazardous Solid Wastes 41
6.3.4 Used Oil 41
6.3.5 Aboveground Storage Tanks (AST) 41
6.3.6 Hazardous Wastes 41
6.3.7 Underground Storage Tanks (USTs) 42

PRIVILEGED AND CONFIDENTIAL

TABLE OF CONTENTS (Continued)

SECTION **PAGE**

6.3.8 Air Emission Sources....42
6.3.9 Underground Injection Control (UIC) Units....42
6.3.10 Miscellaneous Containers with Chemicals, Petroleum and Unknown Products....42
6.3.11 Drums, Totes, and Intermediate Bulk Containers....42
6.3.12 Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products....42
6.3.13 Strong, Pungent, or Noxious Odors and Their Sources....43
6.3.14 Areas of Stained Floor, Vegetation, Concrete Floor and/or Pavement....43
6.3.15 Stressed Vegetation....43
6.3.16 Pits, Ponds, and Lagoons....43
6.3.17 Drains and Sumps....43
6.3.18 Stains or Corrosion on Floors, Walls, or Ceiling....43
6.3.19 Wells....44
6.3.20 Per-and Polyfluoroalkyl (PFAS)....44
6.3.21 Heating/Cooling....46
6.4 NON-SCOPE CONSIDERATIONS…….. 46

7.0 INTERVIEWS....47

7.1 INTERVIEW WITH OWNER....47
7.2 INTERVIEW WITH SITE OCCUPANTS....47
7.3 INTERVIEW WITH SITE MANAGER....47
7.4 INTERVIEWS WITH GOVERNMENT OFFICIALS....47
7.5 INTERVIEWS WITH OTHERS....48

8.0 FINDINGS AND OPINIONS....49

8.1 ON-SITE FINDINGS....49
8.2 OFF-SITE FINDINGS....49
8.3 VAPOR MIGRATION....50

9.0 DATA GAPS....51

10.0 CONCLUSIONS....52

11.0 DEVIATIONS....53

12.0 ADDITIONAL SERVICES....54

PRIVILEGED AND CONFIDENTIAL

TABLE OF CONTENTS (Continued)

SECTION **PAGE**

13.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S) 55

14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S) 56

15.0 REFERENCES 57

16.0 APPENDICES 59

Appendix 1 - Site Vicinity Map
Appendix 2 - Site Sketch
Appendix 3 - Site Photographs
Appendix 4 – Copy of the Title Study
Appendix 5 – EDR Report
Appendix 6 – FRS Facility Query Results
Appendix 7 – Resumes of Environmental Professionals

PRIVILEGED AND CONFIDENTIAL

1.0 SUMMARY

Caribe Environmental Services (CES) was retained by USA Institutional Apolonia Apartments, LLC (Apolonia) to conduct a Phase I Environmental Site Assessment (Phase I) of the Vacant Parcel of land located at the PR-830 Road, Km. 0.5 (interior), within the Cerro Gordo Ward of the Bayamon Municipality in Puerto Rico. This parcel consists of a lot covering an area of approximately 34,145 square meters (8.7 "cuerdas"). Presently, the property is covered with trees, shrubs, and heavy vegetation. The vacant parcel is proposed to be developed into a residential project to be named The USA Institutional Apolonia Apartments. From hereon the Vacant Parcel will be referenced to as the property or Subject Property.

CES understands that at the time of the site reconnaissance, the Subject Property was owned by USA Institutional Apolonia Apartments LLC. We also understand that Apolonia is in the process of a real estate transaction involving the Subject Property. As part of the property real estate transaction process, Apolonia requested a Phase I assessment of the Subject Property.

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-21 standard (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). According to the Code of Federal Regulations (CFR), Volume 87, No. 240, dated December 15, 2022, US Environmental Protection Agency (EPA)'s final ruling accepts the new ASTM 1527-21 Standard as compliant with the All Appropriate Inquiry (AAI) Rule as set forth in 40 CFR Part 312. The new rule establishes that the ASTM 1527-21 Standard became effective on February 13, 2023, officially recognizing the new standard for Phase I Environmental Site Assessment.

The purpose of the Phase I was to evaluate environmental concerns or issues with respect to the range of contaminants within the scope of the Comprehensive Environmental Response and Liability Act (CERCLA) and petroleum products that maybe associated with the Subject Property, based upon readily available information and site observations. In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a property, the goal of the processes established by this practice is to identify *"Recognized Environmental Conditions (REC)"*, Historic RECs or Controlled RECs associated with the current and historical use of the property.

The term Recognized Environmental Condition (REC) means (1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.

PRIVILEGED AND CONFIDENTIAL

The term Controlled Recognized Environmental Condition (CREC) means a Recognized Environmental Condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

The term historical recognized environmental condition (HREC) means a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meets unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.

This Phase I may have identified *de minimis* condition. These are conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

The scope of work for this study consisted of:

- A visual reconnaissance of the Subject Property and surroundings;
- Personal interview with Mr. Esteban Estrada, designated owner representative;
- Submittal of User Questionnaire (Section 6.0 ASTM E1527-21) to Mr. Esteban Estrada, Apolonia representative;
- Submittal of request of information letter to the Puerto Rico Department of Natural and Environmental Resources (DNER) Office;
- Review of readily available regulatory and technical information, including a review of geological, hydrogeological and hydrological information to establish environmental receptors at the site and in its vicinity;
- A review of available historical information, including historical aerial photographs, to ascertain historical use of the site and its immediate surroundings;
- A review of available information from public databases, local public offices and environment agencies (as reasonably available within timeframe);
- Preparation of a report outlining the findings and conclusion of the assessment.

A site reconnaissance was conducted by engineer Raúl Colón on June 19, 2025. During the site reconnaissance, no owner representative accompanied CES personnel. At the time of CES visit, the Subject Property was observed to consist of a vacant parcel, mainly covered by heavy vegetation.

PRIVILEGED AND CONFIDENTIAL

We note that site conditions and regulatory requirements may change in the future. Therefore, the information included in this report, our findings, or recommendations presented are based upon information readily available and observations made at the time of the Site visit. Sampling and analysis of site, water, air or other materials were not performed as part of the Phase I assessment.

This assessment has revealed ***no recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps*** in connection with the Subject Property.

Details about the scope, activities, findings and conclusions of this Phase I Environmental Site Assessment are described in the following sections of this Phase I report. This summary is provided for your convenience. It should not be construed as a separate document without reviewing the complete report, including the appendices.

PRIVILEGED AND CONFIDENTIAL

2.0 INTRODUCTION

2.1 PURPOSE

Caribe Environmental Services (CES) was retained by USA Institutional Apolonia Apartments, LLC (Apolonia) to conduct a Phase I Environmental Site Assessment (Phase I) of the Vacant Parcel of land located at the PR-830 Road, Km. 0.5 (interior), within the Cerro Gordo Ward of the Bayamon Municipality in Puerto Rico. This parcel consists of a lot covering an area of approximately 34,145 square meters (8.7 "cuerdas"). Presently, the property is covered with trees, shrubs, and heavy vegetation. The vacant parcel is proposed to be developed into a residential project to be named The USA Institutional Apolonia Apartments. From hereon the Vacant Parcel will be referenced to as the property or Subject Property.

CES understands that at the time of the site reconnaissance, the Subject Property was owned by USA Institutional Apolonia Apartments LLC. We also understand that Apolonia is in the process of a real estate transaction involving the Subject Property. As part of the property real estate transaction process, Apolonia requested a Phase I assessment of the Subject Property.

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-21 standard (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). According to the Code of Federal Regulations (CFR), Volume 87, No. 240, dated December 15, 2022, US Environmental Protection Agency (EPA)'s final ruling accepts the new ASTM 1527-21 Standard as compliant with the All Appropriate Inquiry (AAI) Rule as set forth in 40 CFR Part 312. The new rule establishes that the ASTM 1527-21 Standard became effective on February 13, 2023, officially recognizing the new standard for Phase I Environmental Site Assessment.

PRIVILEGED AND CONFIDENTIAL

The purpose of the Phase I was to evaluate environmental concerns or issues with respect to the range of contaminants within the scope of the Comprehensive Environmental Response and Liability Act (CERCLA) and petroleum products that maybe associated with the Subject Property, based upon readily available information and site observations. In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a property, the goal of the processes established by this practice is to identify *"Recognized Environmental Conditions (REC)"*, Historic RECs or Controlled RECs associated with the current and historical use of the property.

The term Recognized Environmental Condition (REC) means (1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.

The term Controlled Recognized Environmental Condition (CREC) means a Recognized Environmental Condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

The term historical recognized environmental condition (HREC) means a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meets unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations or other

property use limitations). A historical recognized environmental condition is not a recognized environmental condition.

This Phase I may have identified *de minimis* condition. These are conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

2.2 DETAILED SCOPE OF SERVICES

The scope of work for this study consisted of:

- A visual reconnaissance of the Subject Property and surroundings;
- Personal interview with Mr. Esteban Estrada, designated owner representative;
- Submittal of User Questionnaire (Section 6.0 ASTM E1527-21) to Mr. Esteban Estrada, Apolonia representative;
- Submittal of request of information letter to the Puerto Rico Department of Natural and Environmental Resources (DNER) Office;
- Review of readily available regulatory and technical information, including a review of geological, hydrogeological and hydrological information to establish environmental receptors at the site and in its vicinity;
- A review of available historical information, including historical aerial photographs, to ascertain historical use of the site and its immediate surroundings;
- A review of available information from public databases, local public offices and environment agencies (as reasonably available within timeframe);
- Preparation of a report outlining the findings and conclusion of the assessment.

A site reconnaissance was conducted by engineer Raúl Colón on June 19, 2025. During the site reconnaissance, no owner representative accompanied CES personnel. At the time of CES visit, the Subject Property was observed to consist of a vacant parcel, mainly covered by heavy vegetation. The purpose of the field visit was to observe physical conditions of the Site and identify regulated or suspect facilities in the vicinity of the Subject Property.

Copies of historical aerial photographs obtained from the Puerto Rico Highway and Transportation Authority (PRHTA) were reviewed. The purpose of this review was to understand the historical land uses of the Subject Property. Aerial photographs available for the site were obtained for flight dates of: March 14, 1937; February 21, 1951; February 1971; Jan 26, 1977; March 1981; March 1988; and March 1989. In addition, high resolution satellite imageries were obtained from Google Earth Pro for November 23, 1994; September 13, 2003; October 31, 2006; December 4, 2010; January 27, 2015; June 4, 2018; and March 11, 2025. Aerial photos for the 1940's decades were not available. The following published information (references) was also reviewed to gain an understanding of the site's natural setting:

- *Topographic Map of the Naranjito Quadrangle, by U.S. Geological Survey, 1969 (photo revised 1982).*
- *Topographic Map of the Naranjito Quadrangle (1946) U.S. Geological Survey*
- *Topographic Map of the Naranjito Quadrangle (2018) U.S. Geological Survey*
- *Geologic Map of the Naranjito Quadrangle; by Maurice H. Pease, Jr., 1968, U.S. Geological Survey.*
- *Soil survey of the San Juan Area, Puerto Rico Survey Area Data: Version 11, Oct 28, 2017*
- *Flood Insurance Rate Maps, Panel 0710 of 2160 (Map Number 72000C0710H), by the Federal Emergency Management Agency (FEMA). Effective date April 19, 2005.*
- *Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands. 1996. U.S. Geological Survey. Water Resources Investigations Report 94-4198.*
- *Google Earth Pro 7.3.1.4507 (64-bit), Build Date Tuesday, February 6, 2018 12:48:10 AM UTC*
- *http://www.jp.gobierno.pr/*
- *http://gis.jp.pr.gov/GeoLocalizador/index.htm?refresh=501*

The following database of standard environmental record sources prepared obtained from the U.S. Environmental Protection Agency (EPA), DNER or the Solid Waste Management Authority (SWMA) were reviewed to determine if the Subject Property was listed as a regulated facility, and if other potential regulated facilities or hazardous waste sites were located near the Subject Property. In addition, the environmental record sources prepared by Environmental Data Resource (EDR) were reviewed.

Database	**Search Radius**
Federal NPL site list (March 27, 2025)	1-mile
Federal Delisted NPL site list (March 27, 2025)	0.5 -mile
Federal CERCLIS list	
SEMS (dated March 27, 2025)	0.5-mile
Federal CERCLIS NFRAP site list	
SEMS Archived (dated March 27, 2025)	0.5-mile
Federal RCRA TSD Facilities list	
CORRACTS (dated June 2, 2025)	1-mile
Non-CORRACTS (dated June 2, 2025)	0.5 miles
Federal RCRA Generators list (dated June 2, 2025)	Property and adjoining properties
Federal Engineering Control Registries (January 29, 2025)	Property only
Federal Institutional Control Registries (January 29, 2025)	Property only
Federal Emergency Response Notification System (ERNS) list (dated June 10, 2025)	Property only
State UST Registration List (dated January 1, 2008)	Property and adjoining properties
State Leaking USTs List (dated September 24, 2020)	0.5 miles
State Landfill and/or Solid Waste Disposal Site Lists (as of July 2012) http://www.ads.pr.gov/	0.5 miles
Federal, State, and tribal Brownfield sites (September 9, 2024)	0.5 miles

The following state and tribal environmental database record sources are recommended to be reviewed by the ASTM Practice E1527-21. However, they were not reviewed because Puerto Rico does not maintain a list (i.e. State NPL list) and/or they are not applicable (i.e. no Indian land is designated in Puerto Rico).

State and tribal lists of *hazardous waste* sites identified for investigation or remediation
State and tribal-equivalent NPL
State and tribal-equivalent CERCLIS
State and tribal institutional Control/Engineering Registries
State and tribal voluntary cleanup sites

In addition, the ASTM Standard suggests reviewing fire insurance maps and city directories. However, these sources are not available for Puerto Rico.

Also, the Environmental Protection Agency (EPA) Facility Registry Service (FRS), to verify if the Subject Property was included in the registry. The FRS is a database maintained by the EPA of facilities, sites or places of environmental interest subject to regulation. It provides quality facility data to support EPA's mission of protecting human health and the environment. The FRS includes facilities listed in databases such as: NPL, Delisted NPL, CERCLIS, CERCLIS NFRAP, RCRA TSD, RCRA Generators, Brownfield, etc.

2.3 SIGNIFICANT ASSUMPTIONS

The Phase I was prepared in conformance with the scope and limitations of ASTM Practice E1527-21. No other significant assumptions were made or taken into consideration during the preparation of this Phase I report.

2.4 LIMITATIONS AND EXCEPTIONS

The opinions included in this report are based upon reasonably ascertainable information obtained during the course of the assessment, site observations, and interviews, and our understanding of applicable environmental regulations. No representations or warranties are made concerning the nature or quality of the air, soil, water, building materials or any other substances on the Property, other than the visual observations as stated in this report. Sites not listed on the reviewed regulatory agencies databases or hidden sources of potential liability cannot be detected by the methods used for the Phase I assessment.

The scope of work for this Phase I meets the requirements of the ASTM E1527-21. The ASTM E1527-21 Section 13.1.5 includes Non-Scope considerations such as; Asbestos-Containing

Building Materials (ACM), Biological agents, Cultural and historic resources, Ecological resources, Endangered species, Health and safety, Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, Industrial hygiene, Lead-Based Paint (LBP), Lead in Drinking Water, Mold, Regulatory compliance, and Wetlands, that are not part of the required ASTM Standard scope of work. However, as requested by Apolonia, general observations regarding only one or more of the following non-Scope considerations are included in this Phase I report; ACM, LBP, environmental permitting issues associated only with UST, AST, air emissions, UIC, used oil, bio-medical waste if identified by the environmental professional during the site reconnaissance, mold, and included the identification of the potential presence of wetlands, if during the site reconnaissance, this was observed by the environmental professional. Also, this Phase I does not include specialized studies such as sampling, ACM-LBP survey, or mold survey, among others.

In addition, the likely presence of per-and polyfluoroalkyl substances, also known as "PFAS", at the Subject Property area was assessed. PFAS are described, in the ASTM E1527-21 Standard, as "Substances Not Defined as Hazardous Substances". These and any other "emerging contaminants," where they are not identified as a hazardous substances by CERCLA, as interpreted by EPA regulations and the courts, are not included in the scope of the ASTM E1527 practice. However, on April 10, 2024, EPA announced the final National Primary Drinking Water Regulation (NPDWR) for six PFAS. With this rule, EPA is establishing legally enforceable levels for six PFAS known to occur individually and/or as mixtures in drinking water. EPA established legally enforceable levels, called Maximum Contaminant Levels (MCLs), for six PFAS in drinking water: perflouorooctanoic acid (PFOA), perfluorooctane sulfonate (PFOS), Perfluorohexanesulfonic acid (PFHxS), Perfluorononanoic acid (PFNA), and Hexafluoropropylene oxide-dimer acid (HFPO-DA) as contaminants with individual MCLs, and PFAS mixtures containing at least two or more of PFHxS, PFNA, HFPO-DA, and Perfluorobutanesulfonic acid (PFBS) using a Hazard Index MCL to account for the combined and co-occurring levels of these PFAS in drinking water. EPA also finalized health-based, non-

enforceable Maximum Contaminant Level Goals (MCLGs) for these PFAS. We note that presently Puerto Rico does not have any regulations or guidance related to the impacts of PFAS or assessment requirements for PFAS. However, the Federal EPA PFAS regulations apply to Puerto Rico.

If additional information that might impact our conclusions becomes available, we reserve the right to review the information, reassess the potential concerns, and modify our opinions, if warranted.

In the preparation of this report, CES has relied upon documents and information provided by Apolonia and the property owner. In addition, CES has relied upon a computer search of government databases provided by EDR and the EPA FRS. Except as discussed in the report, CES did not attempt to independently verify the accuracy or completeness of that data but did not detect inconsistencies or omissions of a nature that might question the validity of the information. We note that the accuracy of the information provided in the databases is not warranted by EDR online services because these are controlled by the regulatory agencies.

CES understands that the data obtained from these databases are the most current data available. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity. CES assumes no responsibility for any consequence arising from any information or condition that was concealed, withheld, misrepresented or otherwise not fully disclosed or available to us.

The Phase I report may include observations and/or comments regarding possible issues of environmental compliance identified at the Subject Property. The inclusion of such information must not be interpreted as representative or indicative of the environmental compliance status of the facility. This Phase I investigation must not be construed as an environmental compliance or environmental audit investigation for the Site.

We note that Site conditions and regulatory requirements may change in the future. Therefore, the information included in this report, our findings, or recommendations presented are based upon information readily available and observations made at the time of the site visit.

We note that any property boundary, feature location, or measurements included in this report are approximate, for illustration purposes only, and other than for the ease of use of this report, these shall not be used. Any property boundary, feature location, or measurement included in this report must not be assumed to be or interpreted as a certified building covering area, a survey foot-print area, or a certified property limit.

Although this assessment has attempted to identify potential for environmental impairment to the Subject Property, potential sources of contamination may have escaped detection due to: (1) the limited scope of this assessment, (2) the inaccuracy of public records, (3) the presence of undetected or unreported environmental incidents, (4) inaccessible areas, and/or (5) deliberate concealment of detrimental information. It was not the purpose of this study to determine the actual presence, degree, or extent of contamination, if any, at the Site. This could require additional exploratory work, including sampling and laboratory analysis. Also, other than a general opinion and observation during the site reconnaissance, it was not the purpose of this study to provide asbestos and/or lead-based paint materials services.

For the purposes of this report, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Therefore, this report may include an opinion or assessment of RECs associated to hazardous substances or petroleum products vapor migration issue with respect to the Subject Property. The ASTM E2600 Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions may have been used during this report only as a reference. However, it is not the intent of this study to conduct a

Vapor Encroachment Screening study or to identify a Vapor Encroachment Condition, since that study was not part of the Phase I scope of work.

We note that a finding of no recognized environmental condition is not a warranty or guarantee that the property remains free from contamination. No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the Property. Performance of this practice is intended to reduce, but not to eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the Property.

This assessment has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied is made.

An environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within *1 year* prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within *180 days* of the date of purchase or the date of the intended transaction: 1) interviews with owners, operators, and occupants; 2) searches for recorded environmental cleanup liens; 3) reviews of federal, tribal, state, and local government records; 4) visual inspections of the property and of adjoining properties; and 5) the declaration by the environmental professional responsible for the assessment or update.

2.5 USER RELIANCE

This report was prepared at the request and for the exclusive use of Apolonia, its agents, advisors, and legal representatives. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without the express written consent of CES. It should be emphasized that because conditions at the Subject Property can change over time, the use of this report by unauthorized third parties without written authorization from CES shall be at their own risk.

2.6 REPORT VIABILITY

This Phase I report is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the Subject Property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction).

The dates of the components included in this Phase I report are as follows:

Component	Date Conducted	Expiration Date
Interviews	June 19, 2025	December 16, 2025
Review of government records	June 20, 2025	December 17, 2025
Visual inspections	June 19, 2025	December 16, 2025
Environmental Professional Declaration	July 9, 2025	January 5, 2026

PRIVILEGED AND CONFIDENTIAL

3.0 SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The Subject Property is located at the PR-830 Road, Km. 0.5 (interior), within the Cerro Gordo Ward of the Bayamon Municipality in Puerto Rico. A Site Vicinity Map is provided in ***Appendix 1***. A Site Aerial Photograph, showing the Site's features, general settings, and surroundings is provided in ***Appendix 2***. The project site boundaries included in ***Appendix 2*** are approximate based upon the information provided to CES. ***Appendix 3*** presents general photographs of the site as observed during the site reconnaissance. The approximate coordinates of the center portion of the Subject Property are: 18°21'34.83"N; 66°10'52.85"W.

The legal description of the property, in Spanish, as included in a title study prepared by Capital Title Services Inc., dated August 17, 2018 is as follows:

> *"URBANA: "Remanente B", Parcela localizada en el Barrio Cero Gordo del término municipal de Bayamón, Puerto Rico, que se describe en el plano de inscripción con una cabida superficial de treinta y cuatro mil ciento cuarenta y un punto cuatro mil ciento treinta y ocho metros cuadrados (34,141.4138 mc) equivalentes a 8.6865 cuerdas. por el NORESTE, en varias alineaciones, y en una distancia total de 218.369 metros con los terrenos de dos colindantes, los terrenos propiedad de Rafael Ithier y los terrenos propiedad de Manuel Reyes; por el SURESTE, en varias alineaciones con una distancia total de 385.714 metros con el Cementerio Los Cipreses y Metropolitan Memorial Park; por el NOROESTE, en varias alineaciones con una distancia total de 309.315 metros con la colindancia Sureste de la servidumbre de la propuesta calle principal Caridad del Cobre."*

A copy of the Title Study, provided to us is included in ***Appendix 4***.

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The Subject Property is located in an undeveloped lot covering approximately an area of 8.7 "cuerdas" (34,145 square meters) and it is surrounded mostly by residential lots, undeveloped

lands, and a cemetery. Almost all of the Subject Property is covered with heavy vegetation, that precluded access to walk the site.

The Subject Property's grading is relatively mild with a slight slope from southwest to northeast. Photographs of the Subject Property and vicinity areas are included in ***Appendix 3***. As appropriate, selected site photographs are illustrated for orientation purposes only in ***Appendix 2.*** General views of the Subject Property and surroundings are shown in ***Photographs 1*** through *7*.

3.3 CURRENT USE OF THE PROPERTY

The Subject Property is presently a vacant parcel of land with no specific use. According to Mr. Estrada, the property was going to be developed as part of the Panorama Residential Project. At that time the subject property area was cleared of vegetation. However, due to the economic situation in the 2000s, the property development plans were abandoned.

3.4 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

A summary of the main structures and improvements observed at the Subject Property was included in *Section 3.2* above.

3.5 CURRENT USE OF ADJOINING PROPERTIES

The following are the properties adjoining the Subject Property and their respective uses.

North:	Commercial property
East:	Cypress Cemetery
West:	PR-830 Road and further west the Panorama Residential Development
South:	Cypress Cemetery

During our site reconnaissance, a visual inspection of the adjoining properties from the Subject Property's property limits, was conducted. Based upon our site observations *no* evident accumulations, releases, threat of releases of hazardous or petroleum products were observed at the adjoining properties boundaries that could represent an environmental concern for the Subject Property.

PRIVILEGED AND CONFIDENTIAL

4.0 USER-PROVIDED INFORMATION

4.1 TITLE RECORDS

A title study prepared by Capital Services Inc., was provided for our review. The Title study did not include any activity or use limitations, associated with the subject property. The legal description of the subject property is included in Section 3.1.

4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATION

In Puerto Rico claims against the title of the property and property restrictions including environmental liens and Activity And Use limitations are available from the Property Registrar's office part of the Puerto Rico Department of Justice. As part of the *User's Responsibilities*, Apolonia as the user must inform CES if environmental liens/AULs exists at the Subject Property.

CES does not need to review, assess, or otherwise evaluate the land title records or the user's conclusions as to whether AULs or environmental liens were identified. The environmental professional only needs to identify whether they received land title records from the user and whether the user identified AULs or environmental liens.

Apolonia as the user did not report to us any environmental liens or Activity and Use Limitations (AULs) associated with the Subject Property. In addition, Apolonia in their response to the User Questionnaire indicated that they are *unaware* of any environmental cleanup liens against the Subject Property.

4.3 SPECIALIZED KNOWLEDGE

According to information provided by Apolonia in their response to the User Questionnaire, Apolonia does *not* have specialized knowledge information related to conditions, events, and/or activities at the Subject Property that could constitute environmental concerns or issues to the Subject Property.

4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Based upon information provided by Apolonia in their response to the User Questionnaire, Apolonia is *not* aware of any commonly known or reasonably ascertainable information about the Property that is material to recognized environmental conditions in connection with the Property.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

According to information provided by Apolonia in their response to the User Questionnaire, Apolonia is *not* aware of any environmental issues that would affect the present value of the property.

4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

- Owner of Subject Property: USA Institutional Apolonia Apartments LLC
P.O. Box 9932
San Juan, PR 00908-9932
- Occupant Information: Presently Vacant
- Property Manager: Same as owner

4.7 REASON FOR PERFORMING PHASE I

According to information provided to CES, this Phase I was performed as part of a potential real estate transaction being conducted by Apolonia, which involves the property.

This practice is intended to permit a user to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner*, or *bonafide prospective purchaser* limitations on CERCLA liability (*land owner liability protection of LLPs*): that is, the practice constitutes all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial and customary practice, as defined by 42 U.S.C.§9601(35)(B).

4.8 OTHER INFORMATION

Other than the documents and information discussed in this report, no additional user information was provided to CES by the user during the preparation of this Phase I.

PRIVILEGED AND CONFIDENTIAL

5.0 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

CES reviewed Federal and Commonwealth environmental regulatory agency lists, prepared by EDR and/or provided by the EPA, DNER, and Solid Waste Management Agency (SWMA). A copy of the EDR report and databases obtained are included in ***Appendix 5*** of this Phase I report.

The information obtained during our site visit, and published information were reviewed and evaluated in relation to principal environmental regulations that may expose site owners and/or operators to potential liabilities. Our regulatory review findings are presented in the following subsections of this report.

5.1.1 Resource Conservation & Recovery Information System (RCRIS)

Hazardous solid wastes are regulated by the Puerto Rico Regulation for the Control of Hazardous Wastes, as well as by the Federal Resource Conservation and Recovery Act (RCRA), Subtitle C. RCRA regulates the management of hazardous wastes including its generation, transportation, and treatment/storage/disposal (T/S/D). The US Environmental Protection Agency (EPA) catalogs and compiles lists of facilities that are regulated under the RCRA Subtitle C and makes these available through the RCRA Information System (RCRIS).

A review of the RCRIS database indicated the following:

- According to the reviewed databases, the Subject Property is *not* listed as a RCRA generator.
- According to the reviewed databases, there are no adjoining facility listed as a RCRA generator.
- There are *no* facility located within a *one-mile radius* of the Subject Property, listed as Corrective Action (CORRACT) TSD facilities.

- There are *no* facility located within *one half-mile radius* of the Subject Property is listed as Non-CORRACTS TSD facilities.

5.1.2 Superfund Enterprise Management System (SEMS)

The Superfund Enterprise Management System (SEMS) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

The Superfund Enterprise Management System (SEMS-ARCHIVE) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

A review of the Federal Facility and SEMS database revealed the following:

- The Subject Property is *not* listed as a FEDERAL FACILITY or SEMS site.
- There are *no* facilities listed as a SEMS site *within a one-half mile radius* of the Subject Property.
- There are *no* facilities listed as FEDERAL FACILITY sites *within a one-half mile radius* of the Subject Property.
- The following facility is listed as a SEMS-ARCHIVE site located *within a one-half mile radius* of the Subject Property:
    - BAYAMON DRUM DUMP site with EPA ID PRD981136526, located KM. 0.8 ROUTE 840 ALDEA WARD, BAYAMÓN at approximately 315 meters to the east of the Subject Property. According to SEMS report this facility is listed with a NON-NPL STATUS as a NFRAP-Site does not qualify for the NPL based on existing information.

5.1.3 National Priorities List (NPL)

CERCLA established the NPL or federal superfund sites list**.** These are contaminated facilities to which the EPA has assigned a high ranking in terms of their potential health effects. The CERCLIS database also includes NPL sites. A review of the CERCLIS database indicated the following:

- The Subject Property is *not* on the NPL.
- There are *no* NPL sites located within a *one-mile radius* of the Subject Property.
- There are *no* delisted NPL sites located within a *one-half-mile radius* of the Subject Property.

5.1.4 Emergency Response Notification System (ERNS)

The ERNS is a list of hazardous material spills reported to various state and federal agencies. Our review of the ERNS report found that the Subject Property is *not* listed in the ERNS.

5.1.5 Petroleum Underground Storage Tanks (USTs) List

Petroleum USTs are subject to regulation under RCRA Subtitle I, which is administered by the DNER. CES utilizes EDR as an environmental database. EDR in turn obtains USTs and LUSTs information from the Puerto Rico Department of Natural and Environmental Resources (DNER) UST Program Inventory. CES reviewed the EDR database as well as the DNER USTs/LUSTs inventory, including the Puerto Rico Planning Board webpage (http://gis.jp.pr.gov/itr/http://jcagnet.jp.pr.gov/) which provides spatial coordinates for UST and LUST facilities.

A review of the DNER UST Registration List indicated the following:

- The Subject Property is *not* listed as a UST facility.
- There are *no* adjoining facilities listed as a registered UST facility.

The identification of the USTs facilities was based on the addresses included in the DNER UST List and our understanding of the general site area. USTs facilities that were listed with an incorrect or incomplete address might have not been able to be properly located.

5.1.6 Leaking Underground Storage Tanks (LUSTs) List

The DNER LUST list identifies known releases and other information (i.e. closure report submittals, performance of integrity tests, etc.) by facility. CES utilizes EDR as an environmental database. EDR in turn obtains USTs and LUSTs information from the Puerto Rico Department of Natural and Environmental Resources (DNER) UST Program Inventory. CES reviewed the EDR database as well as the DNER USTs/LUSTs inventory, including Puerto Rico Planning Board webpage (http://gis.jp.pr.gov/itr/http://jcagnet.jp.pr.gov/) which provides spatial coordinates for UST and LUST facilities.

A review of the DNER LUST list revealed that:

- The subject property is *not* listed in the LUST list.
- There are *no* LUST facilities listed within a one-half mile radius of the Subject Property.

The identification of the LUSTs facilities was based on the addresses included in the DNER LUST List and our understanding of the general site area. LUSTs facilities that were listed with an incorrect or incomplete address might have not been able to be properly located.

5.1.7 Solid Waste Landfills

The PRSWMA has compiled a list of known active landfills on the island. Based upon this list and our site visit observations:

- There are *no* registered state landfill and/or solid waste disposal sites located *within a one half-mile radius* of the Site.
- *No* obvious signs of present landfill activity were observed at the Site.

5.1.8 Federal, State, and Tribal Institutional Control/Engineering Control Registries

The Federal, State and Tribal Institutional Control/Engineering Control Registries (ICECR) are registries of sites or facilities listed as having legal or physical restrictions or limitations on the use of, or access to the site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or groundwater on the property.

Our review of the EDR report indicates that at the time of the preparation of this report, the site was *not* listed in the Federal, State, and Tribal Institutional Control/Engineering Control Registries.

5.1.9 Facility Index System

The Facility Index System (FINDS) contains both facility information and '*pointers*' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Our review of the FINDS list indicates that the Subject Property *is not* listed in the FINDS.

5.1.10 Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program. However, ICIS is a secure system only available to EPA and state users. The public should use the Enforcement and Compliance History Online (ECHO). ECHO is a Web-based tool that provides public users with compliance monitoring and enforcement data.

Our review of the ICIS/ECHO, indicates that at the time of the preparation of this report, the Subject Property was *not* listed in ICIS/ECHO databases.

5.1.11 Federal, State and Tribal Brownfield Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions.

Our review of the US Brownfields sites database indicates that:

- The Subject Property is *not* listed in this database.
- There are *no* facilities listed as a Brownfield site located with *one-half mile radius* from the Subject Property.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

As required by the ASTM 1527-21 Standard if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. The Subject Property or surrounding properties are not listed in the reviewed data resources. To further investigate the potential listing of the Subject Property and adjoining properties, CES reviewed the information included in the EPA FRS.

Our review of this information is presented in the following sections.

5.2.1 EPA Facility Registry Service (FRS)

The EPA Facility Registry Service allows citizens to retrieve a list of facilities registered with EPA, by conducting a database search with user defined search criteria. EPA FRS is part of the EPA EnviroFacts database system, which is a single point of access to select U.S. EPA environmental data. The website provides access to several EPA databases to provide with information about environmental activities that may affect air, water, and land anywhere in the United States.

Our review of the FRS Database indicates that the Subject Property is not listed in the FRS database. The FRS database reviewed for this report is included in ***Appendix 6.***

5.3 PHYSICAL SETTING SOURCES

Physical setting sources provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a site.

5.3.1 USGS Topographic Map

According to the *Topographic Map of the Naranjito Quadrangle*, the site elevation ranges from approximately 118 meters above mean sea level (MSL) at the center portion of the Subject Property to about 95 meters MSL along the north portion of the Subject Property. No surface water bodies are located within the Subject Property. The closest surface water body to the Subject Property is an unnamed creek, located at approximately 130 meters to the east of the Subject Property. This creek eventually discharges into the Quebrada Gordo located at approximately 1.1 kilometers to the northeast of the Subject Property.

5.3.2 USGS Geologic Map

According to the Geologic map of the Naranjito Quadrangle, the Subject Property's geology consists of Cerro Gordo Lava (Kcg), bedded Tuff member.

5.3.3 USDA NRCS Soil Survey

According to the *Soil Survey of the San Juan Area, Puerto Rico,* the Subject Property's soil survey is classified as Daguey clay, 12 to 20 percent slopes (DaD). The Daguey component makes up 100 percent of the map unit. Slopes are 12 to 20 percent. This component is on ridges on mountain ranges, mountain slopes on mountain ranges. The parent material consists of fine textured residuum. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Non-irrigated land capability classification is 3e. This soil does not meet hydric criteria.

5.3.4 USGS Atlas of Ground-Water Resources and Aquifer Systems

According to the Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands, regional groundwater flow in the upper and lower aquifers within the Bayamón-Loíza region is northward from superficial exposures of the formations of Tertiary age, where the recharge occurs, to eventually discharge into swamps and lagoons along the coast. Groundwater also moves locally towards the main stream systems of the Río Bayamón, Río Piedras, and Río Grande de Loíza.

According to "Principal aquifers of Puerto Rico and the U.S. Virgin Islands" by Robert A. Renken, January 11, 1998, U.S. Geological Survey, the Subject Property is not located over a productive aquifer system.

The groundwater depth and flow direction were not measured during this assessment. However, based upon the expected hydrogeological setting of the area the groundwater is inferred to flow towards the north, to Quebrada Gordo.

The depth and gradient of the water table likely varies seasonally with changes in precipitation and may change significantly over time in response to development, including impervious surfaces, storm water controls, and pumping wells (domestic, industrial or irrigation). Based upon our experience during other groundwater investigations conducted at similar areas in Puerto Rico, it is not uncommon to encountered perched or local groundwater conditions in which the groundwater flow direction may be different from the expect and regional groundwater flow direction.

5.3.5 Flooding Conditions

According to the *Flood Insurance Rate Map*, Panel 0710 of 2160 (Map Numbers 72000C0710H) dated April 13, 2018, the Subject Property is located at an area of minimal flood hazard.

5.3.6 Wetlands

Section 404 of the Clean Water Act (CWA) establishes a program to regulate the discharge of dredged or fill material into waters of the United States, including wetlands. Activities in waters of the United States regulated under this program include filling for development, water resource projects (such as dams and levees), infrastructure development (such as highways and airports),

and mining projects. Section 404 requires a permit before dredged or fill material may be discharged into waters of the United States unless the activity is exempt from Section 404 regulation (e.g. certain farming and forestry activities).

To verify if the proposed project area, may be located within regulated wetlands, CES evaluated the National Wetlands Inventory (NWI) established by the US Fish and Wildlife Service (FWS). The NWI was developed to conduct a nationwide inventory of U.S. wetlands to provide biologists and others with information on the distribution and type of wetlands to aid in conservation efforts. To do this, the NWI developed a wetland classification system (Cowardin et al. 1979) that is now the official FWS wetland classification system and the Federal standard for wetland classification (adopted by the Federal Geographic Data Committee on July 29, 1996: 61 Federal Register 39465).

The NWI also developed techniques for mapping and recording the inventory findings. The NWI relies on trained image analysts to identify and classify wetlands and deep-water habitats from aerial imagery. As computerized mapping and geospatial technology evolved, NWI discontinued production of paper maps in favor of distributing data via online "mapping tools" where information can be viewed and downloaded. Today, FWS serves its data via an on-line data discovery "Wetlands Mapper". GIS users can access wetlands data through an online wetland mapping service or download data for various applications (maps, data analyses, and reports).

According to the US Fish and Wildlife Services national wetland inventory map, no wetlands are delineated within the subject property. In addition, we did not observe evidence of wetlands-like vegetation on the Subject Property.

5.4 HISTORICAL USE INFORMATION ON THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

This report describes, to the extent possible, all identified uses, and justifies the earliest date identified for the subject property's first developed use, or back to 1940, whichever is earlier (for example, records showed no development of the subject property prior to the specific date).

According to the ASTM Standard, the following standard historical resources shall be reviewed if, based on the judgment of the environmental professional, they are reasonably ascertainable, likely to be useful, and applicable to the subject property: (1) aerial photographs, (2) fire insurance maps, (3) local street directories, and (4) historical topographic maps. In cases in which any of the preceding four standard historical resources are not reviewed, the environmental professional shall indicate in the report why such a review was not conducted.

In addition, the Property Tax Files obtained from Centro de Recaudaciones de Ingresos Municipales (CRIM) database, https://catastro.crimpr.net/cdprpc/, and use permits and Zoning/Land Use Records obtained from the Puerto Rico Planning Board online database (http://gis.jp.pr.gov/itr/), were review (if available).

According to the Sanborn Fire Insurance Maps Online Checklist published by the Sanborn Map Company, the maps are based upon the Library's 1981 publication Fire Insurance Maps in the Library of Congress. The online presentation includes entries from all 50 United States, as well as Canada, Mexico, Cuba sugar warehouses, and U.S. whiskey warehouses. However, Puerto Rico is not included in this database. Therefore, the review of Sanborn fire insurance maps was considered not reasonably ascertainable and was not included as part of this Phase I.

According to the Library of the U.S. Congress (https://www.loc.gov/rr/genealogy/bib_guid/telephon.html), there are no current city directories for many major U.S. cities. It is our experience that there is no local street directories centralized

digital record for Puerto Rico. Therefore, the review of city directories was considered not reasonably ascertainable and was not included as part of this Phase I.

5.4.1 Historical Aerial Photographs

In the 1937 photograph the Subject Property and surroundings are observed to be mostly undeveloped and apparently dedicated to agricultural purposes.

The *1951 photograph* indicates that site and surrounding conditions are similar to those observed in the 1937 photograph. At this time the subject property and surroundings appears to have been used for agricultural purposes.

The *1962 photograph* indicates that site and surrounding conditions are similar to those observed in the 1951 photograph. At this time the subject property and surroundings appears to have been used for agricultural purposes.

The *1971 photograph* indicates that site and surrounding conditions are similar to those observed in the 1962 photograph, except that a dirt road is observed in the site surroundings. In addition, residential developments are observed farther to the east and southwest of the Subject Property. What appears to be the initial stages of the Cypress Cemetery construction are observed to the south. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *1977 photograph* indicates that site and surrounding conditions are similar to those observed in the 1971 photograph. However, increased residential development is observed at the subject property surroundings. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *1981 photograph* indicates that site and surrounding conditions are similar to those observed in the 1977 photograph, except that an increase in residential development is observed around the subject property. In addition, the cemetery located to the south of the Subject Property is also observed developed. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *1988 photograph* indicates that site and surrounding conditions are similar to those observed in the 1981 photograph, except that the residential development located to the west of the Subject Property is observed constructed. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *1994 photograph* indicates that vegetation clearance if observed to have occurred at the Subject Property. According to Mr. Estrada the clearing activities were associated to the residential project constructed west of the subject property. Surrounding conditions are similar to those observed in the 1988 photograph, except that the residential project located to the northwest is observed under construction. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *2003 photograph* indicates that vegetation has grown again at the Subject Property and staging of trailers is observed at the center portion of the Subject Property. Surroundings conditions are similar to those observed in the 1994 photograph, except that the residential project located to the northwest has been completed. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *2006 photograph* indicates that site conditions and surroundings are similar to those observed in the 2003 photograph, except that the trailers are no longer observed and an access road is observed at the western portion of the Subject Property. In addition, the cemetery is observed to have expanded near the Subject Property's northeastern boundary. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *2010 photograph* indicates that site conditions and surroundings are similar to those observed in the 2006 photograph. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

The *2015 photograph* indicates that site conditions and surroundings are similar to those observed in the 2010 photograph. At this time the subject property did not appear to have an specific use. Surroundings areas appears to have been used for residential and institutional purposes.

In the *2018 Google Earth*® aerial photograph site and surrounding conditions are similar to those observed at the time of the site visit. At this time the subject property did not appear to have an specific use. The Caridad del Cobre Avenue (PR-830 Road) is observed constructed to the west of the subject property. Surroundings areas appears to have been used for residential and institutional purposes.

In the *2025 Google Earth*® aerial photograph site and surrounding conditions are similar to those observed at the time of the site visit.

5.4.2 Historical USGS Topographic Maps

In the 1946 *Topographic Map* no development is illustrated on the Subject Property or surroundings.

In the 1969 (rev 1982) *Topographic Map,* no major structures or landmarks are shown at the Subject Property.

In the 2018 *Topographic Map,* no major structures or landmarks are shown at the Subject Property.

5.4.3 Puerto Rico Planning Board Listed Uses and Permits

According to the Puerto Rico Planning Board online database (http://gis.jp.pr.gov/itr/), the following uses and permits are listed for the Subject Property and adjoining properties:

Property	Listed Permits Description
Subject Property	• PROYECTO BRISAS DE PANORAMA RESIDENCIAL MULTIFAMILIAR DE 52 APARTAMENTOS
Adjoining Property North	• No information
Adjoining Property South	• Empresas Stewart Cementerios
Adjoining Property East	• Empresas Stewart Cementerios
Adjoining Property West	• Various Residential

5.4.4 Puerto Rico Property Municipal Tax Files

According to the CRIM database, https://catastro.crimpr.net/cdprpc/, the Subject Property and adjoining properties' cadastral identification numbers are:

Cadastral Identification	Owner	Previous Owner	Transaction Date
113-041-001-46-000 (Subject Property)	DESARROLLOS REALES INC	RODRIGUEZ SOTO DAVID	6/28/2005
113-041-001-36-998 (North Adjoining Property)	REYES NAZARIO MANUEL	No information	No information
113-042-001-40-864 (East Adjoining Property)	EMP STEWART CEMENTERIOS INC	CEMETERY MANAGEMENT	10/29/1999
113-042-001-40-864 (South Adjoining Property)	EMP STEWART CEMENTERIOS INC	CEMETERY MANAGEMENT	10/29/1999
Various (West Adjoining Property)	Various	Various	Various

5.4.5 Land Use

According to the Puerto Rico Planning Board Zone Maps, the Subject Property is classified as Residential.

5.4.6 Historic Profile Interview

Interviews with one or more persons knowledgeable about the past use of the Subject Property, Adjoining Properties, or the surrounding area may provide information about the past uses of the subject property and adjoining properties.

During the preparation of this report, Mr. Esteban Estrada was interviewed as the owner's representative. Mr. Estrada has known the Subject Property and surroundings for many years. Based on the information obtained, the Subject Property has never been developed. Mr. Estrada indicated that in the 1990s the subject property was used temporarily, as a staging area during the construction of the development located west.

5.4.7 Historical Uses Summary

In summary, the historical records available to CES indicate that the Subject Property has never been developed. Mr. Estrada indicated that no environmental sensitive operations such as gasoline stations, mechanical shops, industrial manufacturing, or dry cleaning activities have been conducted at the Subject Property.

We note that although there are gaps of greater than 5 years in the historical review of the Subject Property, during those gaps the subject property appears unchanged. Therefore, we understand that this gap *should not* represent a significant concern or gap for the Subject Property.

5.5 FIRE DEPARTMENT FILES REVIEW

In Puerto Rico, the DNER is the state agency that holds records regarding fuel tanks, hazardous materials, incidents, spills, violations or petroleum/chemical releases that can represent potential environmental concerns. Other departments, such as the Fire and Police departments, Planning Department and others typically do not contain information that are associated with environmental concerns that could be of use for the preparation of the Phase I report. According to the *Cuerpo de Bomberos de PR* (PR Fire Department) this agency does not maintain a digital record of environmental emergencies for individual facilities. They maintain a record of emergencies and activities that they conduct based on the date of occurrence of the incident. They do not keep records that would make reference to the location of the properties or the geographic area where the properties are located. Therefore, for purpose of the preparation of this Phase I such records are considered not practically reviewable.

PRIVILEGED AND CONFIDENTIAL

6.0 SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

A visual reconnaissance of the Subject Property and surrounding areas was performed by engineer Raúl Colón of CES on June 19, 2025. CES observed accessible areas of the Subject Property to assess obvious visual indications of present or past activities or conditions that have or could have impacted the Subject Property.

The method used to observe the Subject Property consisted of walking along property perimeter boundaries and within the property limits. The site visit included the following visual inspections: the Subject Property by walking transects; and the exterior perimeter of the property. Site settings and conditions were documented with photographs as appropriate. A large portion of the Subject Property was covered with heavy vegetation that limited access to the interior.

6.2 GENERAL SITE SETTING

At the time of CES visit, the Subject Property was observed to consist of a vacant parcel of land, heavily vegetated. Additional information and description of the Site's setting, characteristics, uses, and improvements are included in *Section 3.2* of this report. A Site Sketch, showing the Site's features, general settings, and surroundings are provided in ***Appendix 2***.

6.3 EXTERIOR AND INTERIOR OBSERVATIONS

The following sections describe observations made by CES personnel during the Site reconnaissance.

6.3.1 Potable Water, Wastewater, and Stormwater

At the time of the site reconnaissance, the Subject Property was not observed to have potable water and wastewater infrastructure installed. No waste wasters are generated at the Subject Property. In addition, no stormwater sewer system was observed installed at the Subject Property.

6.3.2 Toxic Substances

6.3.2.1 Polychlorinated Biphenyl's

Prior to the 1979, PCBs entered the environment during their manufacture and use in the United States. Today PCBs can still be released into the environment from poorly maintained hazardous waste sites that contain PCBs, illegal or improper dumping of PCB wastes, leaks or releases from electrical transformers and hydraulic equipment containing PCBs and hydraulic equipment, and disposal of PCB-containing consumer products into municipal or other landfills not designed to handle hazardous waste. PCBs may also be released into the environment by the burning of some wastes in municipal and industrial incinerators.

At the time of our site reconnaissance, no suspect PCBs equipment was observed, at the subject property.

6.3.2.2 Asbestos Containing Materials (ACM)

Building construction materials such as vinyl floor tiles (VFTs), acoustic ceiling tiles (ACTs), thermal system insulation (TSI), sprayed-on ceiling material, roofing material and others are known to have been manufactured with asbestos in the past. The scope of work of this Phase I was limited to visual observations of accessible areas and did not include the collection and laboratory analysis of bulk samples of suspect ACMs. Suspect ACMs may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and

ceilings, concealed floor coverings, interior of machinery or equipment, and water or sewer systems.

During our site reconnaissance no suspect ACM were observed at the subject property.

6.3.2.3 Lead Based Paint (LBP)

Buildings constructed before 1978, are known to have been painted with lead-based paint. Lead from paint, chips, and dust can pose serious health hazards if not taken care of properly. During our site reconnaissance no suspect LPB was observed at the subject property.

6.3.3 Non-Hazardous Solid Wastes

During our site reconnaissance we did not observe the generation and/or storage of non-hazardous wastes at the subject property.

6.3.4 Used Oil

No used oil generation or storage was observed at the subject property.

6.3.5 Aboveground Storage Tanks (ASTs)

At the time of our site reconnaissance, no AST was observed at the subject property.

6.3.6 Hazardous Wastes

At the time of our site reconnaissance, no Hazardous Wastes generation or storage was observed. According to Mr. Estrada, no hazardous wastes have been generated or stored at the Subject Property.

6.3.7 Underground Storage Tanks (USTs)

No visual evidence of USTs was identified on the Subject Property during the site reconnaissance. According to Mr. Estrada, no USTs are located in the Subject Property.

6.3.8 Air Emission Sources

During the site reconnaissance, no Air Emission Sources were observed at the Subject Property.

6.3.9 Underground Injection Control (UIC) Units

No visual evidence of UICs was identified on the Subject Property during the site reconnaissance. According to Mr. Estrada, no UICs are located in the Subject Property.

6.3.10 Miscellaneous Containers with Hazardous Substances, Petroleum Products and Unknown Products

At the time of the site reconnaissance, no Miscellaneous Containers with Chemicals, Petroleum, and Unknown Products were observed at the Subject Property.

6.3.11 Drums, Totes, and Intermediate Bulk Containers

At the time of the site reconnaissance, no drums, totes or bulk containers were observed at the Subject Property.

6.3.12 Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products

At the time of the site reconnaissance, no Sumps/Pools of Liquid were observed at the Subject Property.

6.3.13 Strong, Pungent, or Noxious Odors and Their Sources

No suspect or pungent odors were perceived during the site reconnaissance.

6.3.14 Areas of Stained Soil, Concrete Floor and/or Pavement

At the time of the site reconnaissance, no Areas of Stained Floor, Vegetation, Concrete Floor and/or Pavement were observed at the Subject Property.

6.3.15 Stressed Vegetation

At the time of the site reconnaissance, no areas of stressed vegetation were observed at the Subject Property.

6.3.16 Pits, Ponds, and Lagoons

At the time of the site reconnaissance, CES did not observe any pits, ponds or lagoons at the Subject Property.

6.3.17 Drains and Sumps

During our site reconnaissance, no drains or sumps were observed at the subject property.

6.3.18 Stains or Corrosion on Floors, Walls, or Ceilings

No areas of stained floor or suspect corrosion were observed.

6.3.19 Wells

At the time of the site reconnaissance, CES did not observe any wells at the Subject Property. According to Mr. Estrada, no wells are operated at the at the subject property.

6.3.20 Per- and Polyfluoroalkyl (PFAS)

According to EPA information, PFAS are widely used, long lasting chemicals, components of which break down very slowly over time. These are manufactured chemicals that have been used for more than 50 years. There are thousands of PFAS chemicals, and they are found in many different consumer, commercial, and industrial products (https://www.epa.gov/pfas). However, presently these chemicals are not listed as hazardous substances under CERCLA. We note that presently Puerto Rico does not have any regulations or guidance related to PFAS impacts or assessment requirements.

PFASs have been used to provide water, oil, and stain repellency to textiles, carpets, and leather; to create grease-proof and water-proof coatings for paper plates and food packaging; and to aid processing in fluoropolymer manufacturing among many other commercial and consumer applications. They also have been used in chrome plating, firefighting foams, liquid carpet and textile care treatments, and floor waxes and sealants (CECBP 2015).

PFAS chemicals have been widely used, among others, by the following industries:

- Aviation, aerospace & defense
- Household products
- Biocides
- Metal plating
- Cable & wiring
- Oil and mining production
- Construction products (paints and coatings)
- Paper and packaging

- Electronics
- Polymerization
- Fire-fighting
- Textiles, leather and apparel
- Food processing

The manufacture, use, and disposal of items from these industries can contribute to PFAS environmental occurrence. Additional information on potential commercial sources can be found in UNEP (2015), which provides in-depth information on the kinds of articles that might contain PFOS and related chemicals; lists the industries that use and produce the chemicals; describes the supply chain (suppliers, importers and exporters, producers, manufacturers, downstream users); and discusses product end-of-life and recycling relevant to waste, stockpiles, and contaminated sites.

Water resources (i.e., surface water and groundwater) are susceptible to contamination by PFAS release from manufacturing sites, industrial use, aircraft fire and emergency response training areas, and industrial or municipal waste sites where products are disposed of or applied. PFOA and other PFASs have been reported in wastewater and biosolids as a result of manufacturing activities, disposal of coated paper and other consumer products, and from washing stain-repellant fabrics (https://clu-in.org/contaminantfocus/default.focus/sec/Per-_and_Polyfluoroalkyl_Substances_(PFASs)/cat/Occurrence/).

Per- and polyfluoroalkyl substances (PFASs) were reported to be used as additives in automotive lubricant oils and hydraulic fluids, to reduce surface tension, prevent fires and evaporation. Little is known, however, with regard to the occurrence of PFASs in automotive lubricants. In addition, according to EPA data, dry cleaning wastewaters are potentially PFAS containing since dry cleaning byproducts (spent solvent, lint, still bottoms, etc.) are likely to have contact with PFAS containing textiles.

According to the information available for the Subject Property and the information provided by Apolonia, the disposal of PFAS within the subject property appears unlikely.

6.3.21 Heating/Cooling

The climate of Puerto Rico falls into the tropical climatic zone. Temperatures are moderate year-round, averaging near 80 °F (27 °C) in lower elevations and 70 °F (21 °C) in the mountains, for this reason no heating of the buildings is required. Cooling is typically provided by electrical cooling systems that do not require fuel (oil/gas) sources that may have been stored in aboveground or underground storage tanks.

6.4 NON-SCOPE CONSIDERATIONS

No considerations outside the scope of the ASTM 1527-21 practice and the AAI Standards were assessed as part of this Phase I except for the general information provided for the following issues:

- Asbestos Containing Building Materials general observations
- Lead-based paint general observations
- Limited Regulatory Compliance observations
- PFAS
- Wetlands general observations

PRIVILEGED AND CONFIDENTIAL

7.0 INTERVIEWS

7.1 INTERVIEW WITH OWNER

CES conducted a personal interview with Mr. Esteban Estrada, designated owner representative. During the interview, Mr. Estrada was questioned in relation to the following environmental concerns: (1) any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property or vicinity; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property or vicinity; and (3) any notices from any governmental entity regarding any possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products in connection with the subject property or its surroundings.

Mr. Estrada stated that to the best of his knowledge, there are *no* environmental concerns that he is aware of associated with the Subject Property.

7.2 INTERVIEW WITH SITE OCCUPANTS

Presently Vacant.

7.3 INTERVIEW WITH SITE MANAGER

Same as *Section 7.1*.

7.4 INTERVIEW WITH GOVERNMENT OFFICIALS

On June 10, 2025, CES submitted a letter to the DNER's inquiring about spills or environmental emergencies reported for the Sites, or assessments conducted at the Sites or nearby areas. On

June 23, 2025 the DNER responded that a diesel spill incident occurred at the PR-840 Road Los Cypress Sector in Bayamón. Based upon the location of this spill incident, it is unlikely that the subject property might have been impacted.

7.5 INTERVIEW WITH OTHERS

No other persons were interviewed during the preparation of this Phase I report.

PRIVILEGED AND CONFIDENTIAL

8.0 FINDINGS AND OPINIONS

Based on the findings of our Phase I of the subject property, we offer the following comments and opinions relative to potential environmental concerns:

8.1 ON-SITE FINDINGS

No on-site findings that could represent a REC or a BER were identified during this Phase I.

8.2 OFF-SITE FINDINGS

The following off-site findings were identified:

- **Superfund Enterprise Management System (SEMS)**

  The following facility is listed as a SEMS-ARCHIVE site located within a one-half mile radius of the Subject Property:

  - BAYAMON DRUM DUMP site with EPA ID PRD981136526, located KM. 0.8 ROUTE 840 ALDEA WARD, BAYAMÓN at approximately 315 meters to the east of the Subject Property. According to SEMS report this facility is listed with a NON-NPL STATUS as a NFRAP-Site does not qualify for the NPL based on existing information.

    Based on the regulatory status of this SEMS facility it ***does not represent*** a REC for the subject property.

Our opinion regarding the potential concern that these off-sites facilities may represent for the Subject Property is based upon the requirements of the ASTM screening process. We note that even if there is the potential that contaminants from the above-mentioned off-sites facilities have reached groundwater or vapors underlying the Subject Property, information contained in EPA's Final Policy Toward Owners of Property Containing Contaminated Aquifers (60 FR 34790, July 3, 1995), provides ways to manage such unlikely scenario. In general, this policy states that the EPA will not take enforcement action against a property owner to require clean up or the payment of clean-up costs where: (1) hazardous substances have come to the property solely as a result of subsurface migration in an aquifer from a source outside the property, (2) the landowner did not cause, contribute to, or aggravate to the source of contamination and (3) the person that caused the release is not an agent or employee of the landowner, and was not in a direct or

indirect contractual relationship with the landowner. A complete copy of this EPA policy can be obtained at the EPA web-site such as (https://www.epa.gov/enforcement/guidance-owners-property-containing-contaminated-aquifers).

8.3 VAPOR MIGRATION

CES reviewed reasonably ascertainable information for the Subject Property and nearby properties limited to the standard environmental record sources discussed in Section 5.1 of this report, for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present and could impact the Subject Property.

Based on the review of available resources as documented in this report, CES ***did not*** identify a REC associated with a vapor-phase migration.

PRIVILEGED AND CONFIDENTIAL

9.0 DATA GAPS

According to the ASTM E1527-21, *a data gap* is defined as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance and interviews.

During the preparation of this Phase I report, no data gaps were identified, except for the following:

- **Access to Portions of the Property** – Almost all of the Subject Property is covered with heavy vegetation, which precluded access to walk the site. However, based on our observations and the information provided by Apolonia, the subject property has never been developed. We understand that accessing the heavily vegetated areas of the subject property would not significantly change the opinions and conclusions included in this Phase I report. Therefore, this is not considered as a significant data gap. However, CES reserves the right to change or modified this report as needed based upon any additional information regarding the subject property conditions.

PRIVILEGED AND CONFIDENTIAL

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the Vacant Parcel of land located at the PR-830 Road, Km. 0.5 (interior), within the Cerro Gordo Ward of the Bayamon Municipality in Puerto Rico. This parcel consists of a lot covering an area of approximately 34,145 square meters (8.7 "cuerdas"). Presently, the property is covered with trees, shrubs, and heavy vegetation. The vacant parcel is proposed to be developed into a residential project to be named The Apolonia Apartments. Any exceptions to, or deletions from, this practice are described in *Section 2.4* of this report.

This assessment has revealed ***no recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps*** in connection with the Subject Property.

PRIVILEGED AND CONFIDENTIAL

11.0 DEVIATIONS

This Phase I was prepared in conformance with the scope and limitations of ASTM E1527-21 Standard Practice for Environmental Site Assessments. It is CES opinion that no significant deviations have occurred from ASTM E1527-21 Standard. Limitations and exceptions to our scope of services were discussed in *Section 2.4* of this report.

PRIVILEGED AND CONFIDENTIAL

12.0 ADDITIONAL SERVICES

Our scope of services for this Phase I, as well as limitations and exceptions, are included in *Sections 2.2* and *2.4* of this report.

PRIVILEGED AND CONFIDENTIAL

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Luis R. Colon Morales, P.E., M.E.
Project Engineer

Raúl Colón, P.E., P.H.
Principal

July 9, 2025

Date

PRIVILEGED AND CONFIDENTIAL

14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

The Phase I assessment was performed by CES personnel experienced in these types of services. The site visits, documentation review, personnel interviews, and report preparation were performed by Engineer Raúl Colón. Eng. Colón is a Professional Engineer with more than and 45 years of experience in the environmental field. In accordance with CES quality assurance protocols the Phase I report was revised by Eng. Luis Raúl Colón Morales to comply with CES QA/QC Corporate policies Mr. Colón Morales is a licensed professional engineer with more than 17 years of environmental work experience.

The resumes of Eng. Colón Morales and Eng. Colón are provided in ***Appendix 7*** of this report.

PRIVILEGED AND CONFIDENTIAL

15.0 REFERENCES

Topographic Map of the Naranjito Quadrangle, by U.S. Geological Survey, 1969 (photo revised 1982).

Topographic Map of the Naranjito Quadrangle (1946) U.S. Geological Survey

Topographic Map of the Naranjito Quadrangle (2018) U.S. Geological Survey

Geologic Map of the Naranjito Quadrangle; by Maurice H. Pease, Jr., 1968, U.S. Geological Survey.

Soil survey of the San Juan Area, Puerto Rico Survey Area Data: Version 11, Oct 28, 2017

Flood Insurance Rate Maps, Panel 0710 of 2160 (Map Number 72000C0710H), by the Federal Emergency Management Agency (FEMA). Effective date April 19, 2005.

Atlas of Ground-Water Resources in Puerto Rico and the US Virgin Islands. 1996. U.S. Geological Survey. Water Resources Investigations Report 94-4198.

Google Earth Pro 7.3.1.4507 (64-bit), Build Date Tuesday, February 6, 2018 12:48:10 AM UTC

http://www.jp.gobierno.pr/

https://catastro.crimpr.net/cdprpc/

http://gis.jp.pr.gov/GeoLocalizador/index.htm?refresh=501

https://www3.epa.gov/enviro/facts/rcrainfo/search.html

https://www.epa.gov/superfund/superfund-national-priorities-list-npl

https://www.epa.gov/enviro/frs-query-page

https://www.epa.gov/cleanups/cleanups-my-community

http://www.jca.gobierno.pr/

https://www.epa.gov/superfund/superfund-data-and-reports

http://www.ads.pr.gov/

PRIVILEGED AND CONFIDENTIAL

"Review of Quantitative Surveys of the Length and Stability of MTBE, TBA, and Benzene Plumes in Groundwater at UST Sites" by John A. Connor, Roopa Kamath, Kenneth L. Walker, and Thomas E. McHugh published in the NGWA Vol. 53, No. 2-Groundwater-March-April 2015

https://www.loc.gov/rr/geogmap/sanborn/
CECBP 2015)
UNEP (2015)

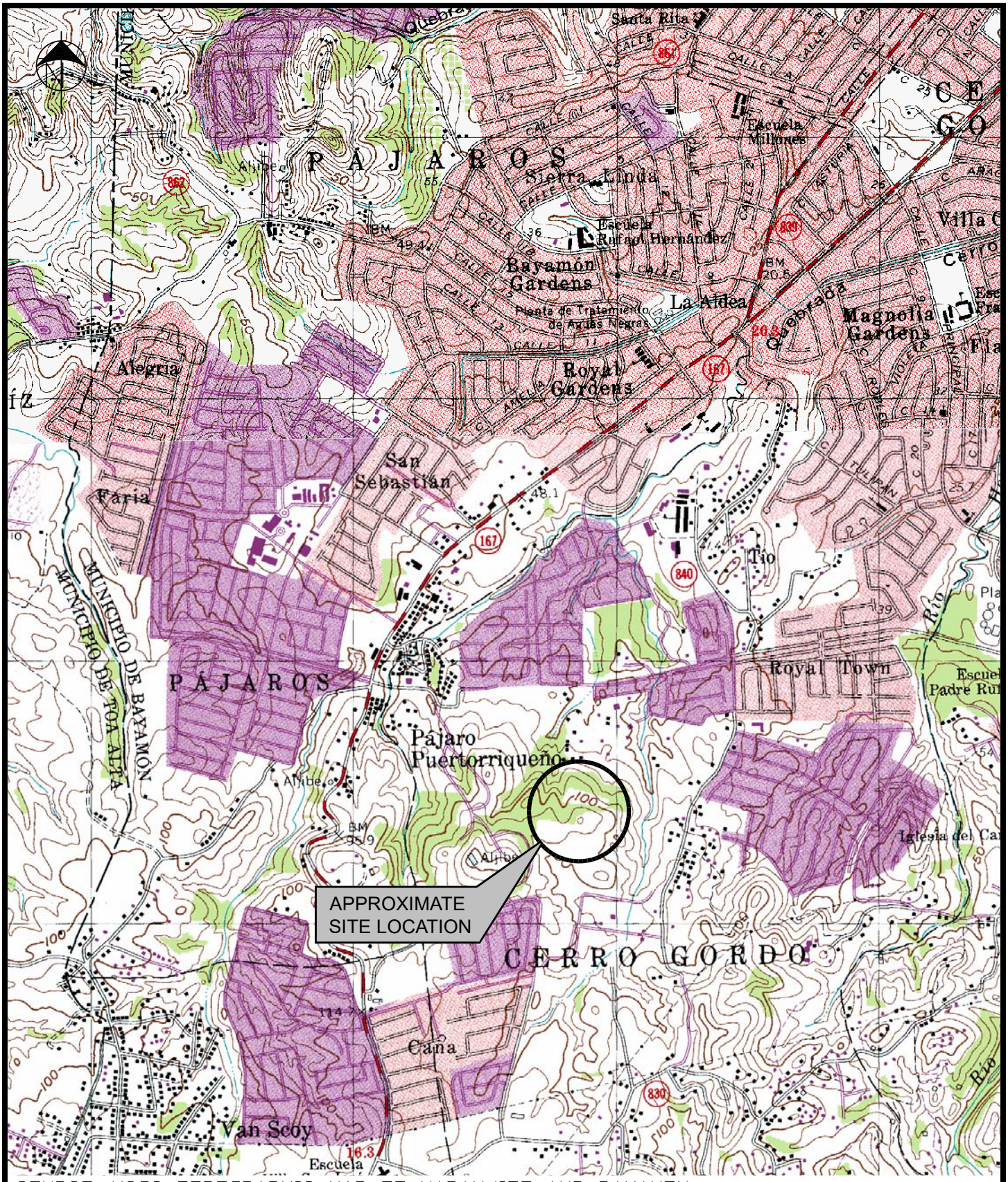
PRIVILEGED AND CONFIDENTIAL

16.0 APPENDICES

PRIVILEGED AND CONFIDENTIAL

APPENDIX 1

SITE VICINITY MAP



SOURCE: USGS TOPOGRAPHIC MAP OF NARANJITO AND BAYAMON QUADRANGLES, 1969 (PHOTOREVISED 1982)

SCALE: 1:20,000

CES
Caribe Environmental Services

PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT
VACANT PARCEL
PROPOSED APOLONIA APARTMENTS RESIDENTIAL PROJECT
PR-830 ROAD, KM. 0.5 (INT.)
CERRO GORDO WARD
BAYAMÓN, PUERTO

SITE VICINITY MAP

PROJECT NO.
24-0009B

APPENDIX 1

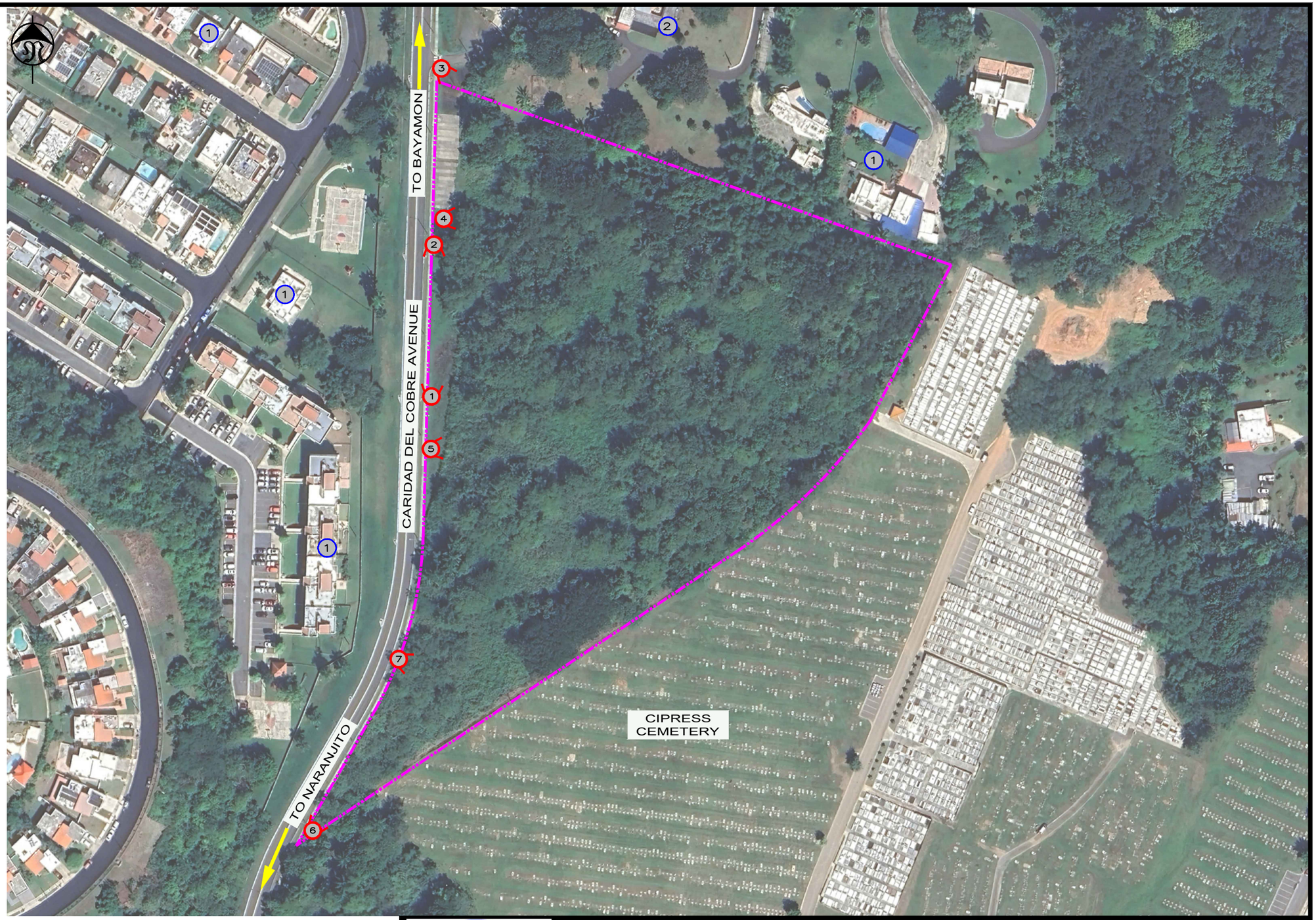
PRIVILEGED AND CONFIDENTIAL

APPENDIX 2

SITE SKETCH

LEGEND:

- ESTIMATED PROPERTY BOUNDARY INCLUDED IN PHASE I
- (1) PHOTOGRAPH NUMBER AND ORIENTATION
- (1) RESIDENTIAL PROPERTIES
- (2) COMMERCIAL PROPERTY



NOTE:

ALL LOCATIONS SHOWN ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE

SOURCE: GOOGLE EARTH PRO AERIAL PHOTOGRAPH DATED OCTOBER 2024 AND SITE VISIT CONDUCTED BY CES PERSONNEL ON JUNE 19, 2025.

NOT TO SCALE

Caribe Environmental Services

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
VACANT PARCEL
PROPOSED APOLONIA APARTMENTS RESIDENTIAL PROJECT
PR-830 ROAD, KM 0.5 (INT.)
CERRO GORDO WARD
BAYAMON, PUERTO RICO

SITE SKETCH

PROJECT NO.
24-0009B

APPENDIX 2

PRIVILEGED AND CONFIDENTIAL

APPENDIX 3

SITE PHOTOGRAPHS

PRIVILEGED AND CONFIDENTIAL

Photograph 1: Partial View of Subject Property Western Portion Looking North

Photograph 2: Partial View of Subject Property Western Portion Looking South

PRIVILEGED AND CONFIDENTIAL

Photograph 3: Partial View of Subject Property Northern Portion Looking southeast

Photograph 4: Partial View of Subject Property Northern Portion Looking East

PRIVILEGED AND CONFIDENTIAL

Photograph 5: Partial View of Subject Property Central Portion Looking East

Photograph 6: Partial View of Subject Property Western Portion Looking North

PRIVILEGED AND CONFIDENTIAL

Photograph 7: Partial View of Subject Property Southern Portion Looking East

PRIVILEGED AND CONFIDENTIAL

APPENDIX 4

COPY OF THE TITLE STUDY

ESTUDIO

CLIENTE : **MARTINEZ ALVAREZ, MENENDEZ CORTADA, LEFRANC R** 404,439

RE : **F&R CONSTRUCTION GROUP INC/ 2020.0000/ YOLANDA FRANCO/ LITIGIO/**

FINCA : Número 72,000, inscrita al folio 71 del tomo 1722 de Bayamón Sur. Registro de la Propiedad de Puerto Rico, Sección I de Bayamón.

DESCRIPCIÓN:

URBANA: "Remanente B", Parcela localizada en el Barrio Cero Gordo del término municipal de Bayamón, Puerto Rico, que se describe en el plano de inscripción con una cabida superficial de treinta y cuatro mil ciento cuarenta y un punto cuatro mil ciento treinta y ocho metros cuadrados (34,141.4138 mc) equivalentes a 8.6865 cuerdas. por el **NORESTE**, en varias alineaciones, y en una distancia total de 218.369 metros con los terrenos de dos colindantes, los terrenos propiedad de Rafael Ithier y los terrenos propiedad de Manuel Reyes; por el **SURESTE**, en varias alineaciones con una distancia total de 385.714 metros con el Cementerio Los Cipreses y Metropolitan Memorial Park; por el **NOROESTE**, en varias alineaciones con una distancia total de 309.315 metros con la colindancia Sureste de la servidumbre de la propuesta calle principal Caridad del Cobre.

ORIGEN REGISTRAL:

Se segrega de la finca número 71,998, inscrita al folio 53 del tomo 1722 de Bayamón Sur.

PLENO DOMINIO:

Consta inscrito al folio 45 del tomo 1857 de Bayamón Sur, a favor de **Desarrollos Reales Inc.**, cuya entidad adquirió por compraventa a Panorama, SE, por el precio de $2,300,000.00, mediante la escritura número 466, otorgada en San Juan, Puerto Rico, el día 28 de junio de 2005, ante el notario Francisco M. Vázquez Santoni, finca número 72,000, inscripción 2da.

GRAVÁMENES:

i. Por su procedencia está afecta a:

a. Servidumbre a favor de la Autoridad de Fuentes Fluviales de Puerto Rico.

b. Servidumbre a favor de la Autoridad de Energía Eléctrica de Puerto Rico.

c. Servidumbre a favor de la Autoridad de Acueductos y Alcantarillados.

d. Servidumbre a favor de la Puerto Rico Telephone Company.

e. Condiciones restrictivas sobre edificación y uso.

ii. Por sí está afecta a:

Hipoteca en garantía de un pagaré a favor de Panorama SE, o a su orden, por la suma principal de $1,610,000.00, sin intereses, vencedero el día 27 de junio del 2006, constituida mediante la escritura número 467, otorgada en San Juan, Puerto Rico, el día 28 de junio de 2005, ante el notario Francisco M. Vázquez Santoni, e inscrita al folio 45 del tomo 1857 de Bayamón Sur, finca número 72,000, inscripción 3ra.

Continuación…
Finca número 72,000

OBSERVACIÓN:

AL ASIENTO 2016-015425-BY01 DEL SISTEMA KARIBE, se presentó el día 16 de marzo de 2016, la escritura número 13, otorgada en Bayamón, Puerto Rico, el día 18 de febrero de 2016, ante el notario Arnaldo Juan Fernandini Sánchez, mediante la cual comparece Desarrollos Reales Inc., a segregar de esta propiedad una faja de 3,752.1876 metros cuadrados, la liberan de la hipoteca que grava la finca principal, la ceden y la traspasan a favor de Urbanos Development Inc., con valor de $1.00, quedando un Remanente de 30,389.2269 metros cuadrados.

Se describe el remanente de esta finca como sigue:

REMANENTE "B" Parcela localizada en el Barrio Cerro Gordo del término municipal de Bayamón, Puerto Rico, con una cabida superficial de treinta mil trescientos ochenta y nueve metros cuadrados con dos mil doscientos sesenta y nueve diezmilesimas de otros (30,389.2269 mc), equivalentes a siete cuerdas con siete mil trescientos dieciocho diezmilésimas de otro (7.7318 cuerdas). En lindes por el **NORTE**, con los terrenos de Rafael Ithier y los terrenos propiedad de Manuel Reyes; por el **SUR**, con el cementerio Los Cipresses (Metropolitan Memorial Park); y por el **ESTE**, con el cementerio Los Cipreses (Metropolitan Memorial Park); y por el **OESTE**, con el lote cero uno cero guión cero uno (010-01) del Plano de Segregación e Inscripción, para uso temporero durante la construccion de la Avenida Caridad del Cobre.

Se acompaña Resolución Corporativa y Ordenanza Certificada.

Notificado el 22 de junio de 2016, por falta de comprobante por valor de $10.00 para inscripción de Remante Ley 91-1970. Caducado el 2 de agosto de 2016.

REVISADOS:

Registro de Embargos del ELA, incluyendo los de la Ley número 12 del día 20 de enero de 2010; Contribuciones Federales; Sentencias; Bitácora Ágora; Electrónica y Sistema Karibe.

NOTA: Esta Sección tiene establecido un sistema computadorizado de Bitácoras. No nos hacemos responsables por errores y/u omisiones que cometa el Empleado del Registro en la entrada y búsqueda de datos en el mismo.

This document is not a commitment to insure nor a Title Insurance Policy and should not be relied upon as such. For protection, Purchaser and Lender should require a Title Insurance Policy. If this document is used by someone other that the party requesting it, said person does so assuming any and all risks and liabilities. No title company other than the Title Security, Inc., is authorized to rely on this title study to issue a Title Insurance Commitment and/or Policy. Capital Title Services, Inc., is not liable to other title companies for error or omissions in this title report. ANY TITLE COMPANY OTHER THAN THE TITLE SECURITY GROUP, INC. THAT RELIES ON THIS TITLE STUDY TO ISSUE A TITLE COMMITMENT AND/OR INSURANCE POLICY DOES SO ASSUMING ANY AND ALL RISKS AND LIABILITIES. THE LIABILITY OF CAPITAL TITLE SERVICES, INC. IN CONNECTION WITH THIS TITLE REPORT IS LIMITED TO THE AMOUNT PAID FOR THIS TITLE REPORT ONLY WITH RESPECT TO THE CLIENT REFERRED TO IN THE HEADER OF THIS TITLE REPORT.

Este documento no es un compromiso para asegurar ni una póliza de Seguro de Título, por lo cual no ofrece seguridad alguna. Para obtener protección, debe requerir una póliza de Seguro de Título. Si este documento es utilizado por alguien que no sea el solicitante, lo hace bajo su propio riesgo y responsabilidad. Ninguna compañía de título que no sea The Title Security Group, Inc. está autorizada a utilizar este estudio para expedir una póliza de seguro de título. Capital Title Services, Inc., no es responsable ante otras compañías de título por errores u omisiones en este estudio de título. TODA COMPAÑÍA QUE NO SEA THE TITLE SECURITY GROUP, INC. QUE UTILICE ESTE ESTUDIO DE TITULO PARA EXPEDIR UNA POLIZA DE SEGURO DE TITULO, LO HACE BAJO SU PROPIO RIESGO Y RESPONSABILIDAD. LA RESPONSABILIDAD DE CAPITAL TITLE SERVICES, INC., ESTA LIMITADA A LA CANTIDAD PAGADA POR EL ESTUDIO DE TITULO Y SOLO CON RESPECTO AL CLIENTE DE REFERENCIA EN EL ENCABEZADO DE ESTE ESTUDIO DE TITULO.

Capital Title Services, Inc.

POR: ***Ramón F. Gómez Marcos***
17 de agosto de 2018
EM/gv/f

33 Calle Resolución, Suite 302
San Juan, PR 00920-2727
TEL: 787-707-7369
FAX: 787-782-6743

PRIVILEGED AND CONFIDENTIAL

APPENDIX 5

EDR REPORT

BAYAMON, PR
BAYAMON, PR
BAYAMON, PR 00961

Inquiry Number: 8025479.1s
June 20, 2025

EDR ZIP/PLUS™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2022 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

ZIP CODE FINDINGS SUMMARY

Database	Total Sites
STANDARD ENVIRONMENTAL RECORDS	
Lists of Federal NPL (Superfund) sites	
NPL	0
Proposed NPL	0
NPL LIENS	0
Lists of Federal Delisted NPL sites	
Delisted NPL	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	
FEDERAL FACILITY	0
SEMS	4
Lists of Federal CERCLA sites with NFRAP	
SEMS-ARCHIVE	0
Lists of Federal RCRA facilities undergoing Corrective Action	
CORRACTS	1
Lists of Federal RCRA TSD facilities	
RCRA-TSDF	1
Lists of Federal RCRA generators	
RCRA-LQG	6
RCRA-SQG	4
RCRA-VSQG	9
Federal institutional controls / engineering controls registries	
LUCIS	0
US ENG CONTROLS	1
US INST CONTROLS	1
Federal ERNS list	
ERNS	64
Lists of state- and tribal hazardous waste facilities	
SHWS	0
Lists of state and tribal leaking storage tanks	
LUST	76
INDIAN LUST	0
Lists of state and tribal registered storage tanks	
FEMA UST	0

ZIP CODE FINDINGS SUMMARY

	Database	Total Sites
	UST	27
	INDIAN UST	0
Lists of state and tribal voluntary cleanup sites		
	INDIAN VCP	0
ADDITIONAL ENVIRONMENTAL RECORDS		
Local Brownfield lists		
	US BROWNFIELDS	0
Local Lists of Landfill / Solid Waste Disposal Sites		
	INDIAN ODI	0
	DEBRIS REGION 9	0
	ODI	1
	IHS OPEN DUMPS	0
Local Lists of Hazardous waste / Contaminated Sites		
	US HIST CDL	0
	US CDL	0
Local Land Records		
	LIENS 2	0
Records of Emergency Release Reports		
	HMIRS	0
Other Ascertainable Records		
	RCRA NonGen / NLR	36
	FUDS	0
	DOD	0
	SCRD DRYCLEANERS	0
	US FIN ASSUR	1
	EPA WATCH LIST	0
	2020 COR ACTION	1
	TSCA	0
	TRIS	5
	SSTS	2
	ROD	0
	RMP	0
	RAATS	1
	PRP	1
	PADS	2
	ICIS	18
	FTTS	26
	MLTS	5
	COAL ASH DOE	0
	COAL ASH EPA	0

ZIP CODE FINDINGS SUMMARY

Database	Total Sites
PCB TRANSFORMER	0
RADINFO	0
HIST FTTS	23
DOT OPS	0
CONSENT	0
INDIAN RESERV	0
FUSRAP	0
UMTRA	0
LEAD SMELTERS	0
US AIRS	4
US MINES	0
ABANDONED MINES	0
MINES MRDS	0
FINDS	124
DOCKET HWC	0
ECHO	91
UXO	0
FUELS PROGRAM	4
PFAS NPL	0
PFAS FEDERAL SITES	0
PFAS TRIS	0
PFAS TSCA	0
PFAS RCRA MANIFEST	0
PFAS ATSDR	0
PFAS WQP	0
PFAS NPDES	0
PFAS PROJECT	0
PFAS ECHO	10
PFAS ECHO FIRE TRAIN	0
PFAS PT 139 AIRPORT	0
AQUEOUS FOAM NRC	0
BIOSOLIDS	0
UST FINDER RELEASE	0
UST FINDER	91
E MANIFEST	38

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	227

NOTES:

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Site	Database(s)	EDR ID Number EPA ID Number
GULF S/S # 0139 **RD # 2,KM. 8.3 MARGINAL JARDINES DE CAPARRA** **BAYAMON, PR 00961**	**UST**	**U003429663** **N/A**

UST:

Facility ID:	2-860334
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860334
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860334
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860334
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860334
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-860334
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-860334
Tank Status:	Currently In Use
Substance Description:	Not reported

SHELL S/S #003182 **RD. #168 CENTRO COMERCIAL RIVERVIEW RIVERVIEW SHOP** **BAYAMON, PR 00961**	**UST**	**U003430128** **N/A**

UST:

Facility ID:	2-860999
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860999
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860999
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860999
Tank Status:	Currently in Use
Substance Description:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WEST BAYAMON **FINDS** **1016978835**
2399 ROUTE #2 (PR-2, KM 15.5) **ECHO** **N/A**
BAYAMON HATO TEJAS WARD, PR 00961

FINDS:
Registry ID: 110062629543

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016978835
Registry ID:	110062629543
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110062629543
Name:	COSTCO WEST BAYAMON
Address:	2399 ROUTE #2 (PR-2, KM 15.5)
City,State,Zip:	BAYAMON HATO TEJAS WARD, PR 00961

COSTCO WEST BAYAMON **ICIS** **1019915261**
2399 ROUTE #2 (PR-2, KM 15.5) **N/A**
BAYAMON HATO TEJAS WARD, PR 00961

ICIS:

Enforcement Action ID:	02-2012-0002
FRS ID:	110062629543
Action Name:	Costco Wholesale Corporation (NC)
Facility Name:	COSTCO WEST BAYAMON
Facility Address:	2399 ROUTE #2 (PR-2, KM 15.5) BAYAMON HATO TEJAS WARD, PR 00961
Enforcement Action Type:	Civil Judicial Action
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	5411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.393268
Longitude in Decimal Degrees:	-66.146718
Permit Type Desc:	Not reported
Program System Acronym:	2600038352
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WEST BAYAMON (Continued) **1019915261**

Facility Name: COSTCO WEST BAYAMON
Address: 2399 ROUTE #2 (PR-2, KM 15.5)
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 5411

GULF S/S #054 **UST** **U003429604**
RD. #2 KM. 9 VILLA ESPA A **N/A**
BAYAMON, PR 00961

UST:
Facility ID: 2-860275
Tank Status: Permanently Out of Use
Substance Description: Used Oil

Facility ID: 2-860275
Tank Status: Permanently Out of Use
Substance Description: Gasoline

Facility ID: 2-860275
Tank Status: Permanently Out of Use
Substance Description: Gasoline

Facility ID: 2-860275
Tank Status: Permanently Out of Use
Substance Description: Gasoline

HOSPITAL HNOS.MELENDEZ INC **UST** **U003431001**
HIGHWAY #2 KM 11.7 BOX 306 **N/A**
BAYAMON, PR 00961

UST:
Facility ID: 2-880019
Tank Status: Permanently Out of Use
Substance Description: Diesel

KANE CARIBBEAN 54203600 **UST** **U003429471**
RD. #2 KM. 17, HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:
Facility ID: 2-860138
Tank Status: Permanently Out of Use
Substance Description: Gasoline

Facility ID: 2-860138
Tank Status: Permanently Out of Use
Substance Description: Diesel

Site	Database(s)	EDR ID Number EPA ID Number

SHELL S/S #000710 **UST** **U003430035**
RD #2 KM.8.9 BO. JUAN DOMINGO **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-860895
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860895
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860895
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860895
Tank Status:	Currently in Use
Substance Description:	Not reported

GOOD YEAR WESTERN HEMISPHERE **UST** **U003544160**
RD. #2, KM. 14.4 HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-860790
Tank Status:	Permanently Out of Use
Substance Description:	Diesel

HATO TEJAS GAS STATION **UST** **U003430133**
RD. #2, KM. 13.9 HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861005
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

Site	Database(s)	EDR ID Number EPA ID Number

HATO TEJAS GAS STATION (Continued) **U003430133**

Facility ID: 2-861005
Tank Status: Permanently Out of Use
Substance Description: Used Oil

Facility ID: 2-861005
Tank Status: Permanently Out of Use
Substance Description: Used Oil

Facility ID: 2-861005
Tank Status: Permanently Out of Use
Substance Description: Gasoline

Facility ID: 2-861005
Tank Status: Currently In Use
Substance Description: Not reported

Facility ID: 2-861005
Tank Status: Currently In Use
Substance Description: Not reported

HI CLEAN DRY WET CLEANING & LAUNNDRY **FINDS** **1016048579**
C49 #28 BLOQ 51 SIERRA BAYAMON **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110020754094

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016048579
Registry ID: 110020754094
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110020754094
Name: HI CLEAN DRY WET CLEANING & LAUNNDRY
Address: C49 #28 BLOQ 51 SIERRA BAYAMON
City,State,Zip: BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
LAUN-DRY'S DELIVERY & CARRY OUT **C49 #28 BLOQ 51 SIERRA BAYAMON** **BAYAMON, PR 00961**	**US AIRS**	**1008171955** **N/A**

US AIRS MINOR:

Envid:	1008171955
Region Code:	02
Programmatic ID:	AIR PR0000007202100241
Facility Registry ID:	110020754094
D and B Number:	Not reported
Primary SIC Code:	7216
NAICS Code:	812320
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR PR0000007202100241
Facility Registry ID:	110020754094
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2004-12-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR PR0000007202100241
Facility Registry ID:	110020754094
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2006-07-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR PR0000007202100241
Facility Registry ID:	110020754094
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2009-02-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR PR0000007202100241
Facility Registry ID:	110020754094
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN

Site	Database(s)	EDR ID Number EPA ID Number
LAUN-DRY'S DELIVERY & CARRY OUT (Continued)		**1008171955**

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-12-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241

Site	Database(s)	EDR ID Number EPA ID Number

LAUN-DRY'S DELIVERY & CARRY OUT (Continued) **1008171955**

Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR PR0000007202100241
Facility Registry ID: 110020754094
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PETRO-TANKS, INC **HIST FTTS** **1009520572**
RD #28, KM 2.1 LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

HIST FTTS INSP:
Inspection Number: 19921210PR003 2
Region: 02
Inspection Date: Not reported
Inspector: I. TORRES RIVERA
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

Site	Database(s)	EDR ID Number EPA ID Number

PETRO-TANKS, INC **FTTS** **1011962129**
RD #28, KM 2.1, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	19921210PR003 2
Region:	02
Inspection Date:	12/10/92
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

VIRGINIA CHEMICAL CORP/LUCHETTI IND PK **FTTS** **1006278991**
RD. #28, CORNER STREET B **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	19921207PR003 2
Region:	02
Inspection Date:	12/07/92
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	19921207PR003 2
Region:	02
Inspection Date:	Not reported
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

VIRGINIA CHEMICAL CORP/LUCHETTI IND PK **FINDS** **1016289602**
RD. #28, CORNER STREET B **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110011540742

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

Site	Database(s)	EDR ID Number EPA ID Number
VIRGINIA CHEMICAL CORP/LUCHETTI IND PK (Continued)		**1016289602**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

QUINONES GILBERTO — **RCRA NonGen / NLR** — **1001225292**
RD 1 KM 20.1 — **PRO007002140**
GUAYNABO, PR 00961

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Quinones Gilberto
Handler Address:		Rd 1 Km 20.1
Handler City,State,Zip:		GUAYNABO, PR 00961
EPA ID:		PRO007002140
Contact Name:		Not reported
Contact Address:		A 34 HARDING ST S PARKVILLE
Contact City,State,Zip:		GUAYNABO, PR 00961
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		A 34 HARDING ST S PARKVILLE
Mailing City,State,Zip:		GUAYNABO, PR 00961
Owner Name:	Non Regulated	
Owner Type:		Private
Operator Name:	Non Regulated	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking

Site	Database(s)	EDR ID Number EPA ID Number

QUINONES GILBERTO (Continued) **1001225292**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

QUINONES GILBERTO (Continued) **1001225292**

Historic Generators:

Receive Date:	19971212
Handler Name: QUINONES GILBERTO	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: QUINONES GILBERTO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080101
Handler Name: QUINONES GILBERTO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

QUINONES GILBERTO (Continued) **1001225292**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19970911
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: PRJM
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ARAMARK CLEANING ROOM SERVICES PR, INC. **FINDS** **1031460771**
PR 121, KM 5.9, BARRIO SUSUA **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071854326

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE

Site	Database(s)	EDR ID Number EPA ID Number

ARAMARK CLEANING ROOM SERVICES PR, INC. (Continued) **1031460771**

STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

SALUD INTEGRAL DE LA MONTA A FACILITIES REMODELATI **FINDS** **1023702922**
PR 165 KM. 17.1 PAJAROS WARD **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070100058

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1023702922
Registry ID:	110070100058
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070100058
Name:	SALUD INTEGRAL DE LA MONTA A FACILITIES REMODELATION
Address:	PR 165 KM. 17.1 PAJAROS WARD
City,State,Zip:	BAYAMON, PR 00961

JAI CORP. DBA 5ASEC PLAZA PRADERA **E MANIFEST** **1027836110**
PR 167 AVE COMERIO ,PLAZA PRADERA **N/A**
BAYAMON, PR 00961

PLAZA DEL SOL **RCRA NonGen / NLR** **1012188161**
RD 167 EL VOLCAN **PRN008021404**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20090923
Handler Name:	Plaza Del Sol
Handler Address:	Rd 167 El Volcan
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008021404
Contact Name:	ANTONIO MELENDEZ
Contact Address:	RD 167 EL VOLCAN
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-288-4999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02

Site	Database(s)	EDR ID Number EPA ID Number

PLAZA DEL SOL (Continued) **1012188161**

Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RD 775 W MAIN AVE STE 600
Mailing City,State,Zip:		BAYAMON, PR 00961-4462
Owner Name:	Plaza Del Sol	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20091006
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

PLAZA DEL SOL (Continued) **1012188161**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PLAZA DEL SOL	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	RD 775 W MAIN AVE STE 600
Owner/Operator City,State,Zip:	BAYAMON, PR 00961-4462
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090923
Handler Name: PLAZA DEL SOL	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PLAZA DEL SOL (Continued) **1012188161**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20081126
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PLAZA DEL SOL **FINDS** **1012238656**
RD 167 EL VOLCAN **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110039558975

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1012238656
Registry ID:	110039558975
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110039558975
Name:	PLAZA DEL SOL
Address:	RD 167 EL VOLCAN
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

AMERICAN CHEMICAL CORP — **FTTS** — **1004592331**
RD 167, KM 263, URB IND LUCHETTI — **HIST FTTS** — **N/A**
BAYAMON, PR 00961

FTTS:

Case Number:	Not reported
Docket Number:	EPCRA-89-0301
Complaint Issue Date:	03/31/89
Abatement Amount:	455.0000
Proposed Penalty:	34000.0000
Final Assessment:	17850.0000
Final Order Date:	06/29/90
Close Date:	/ /
Violations(s):	EPCRA, Nonreporting/Failure to RPT to EPA

HIST FTTS:

Case Number:	Not reported
Docket Number:	EPCRA-89-0301
Complaint Issue Date:	03/31/1989
Abatement Amount:	455.0000
Proposed Penalty:	34000.0000
Final Assessment:	17850.0000
Final Order Date:	06/29/1990
Close Date:	/ /
Violations(s):	EPCRA, Nonreporting/Failure to RPT to EPA

CHEM PROD CORP — **RCRA NonGen / NLR** — **1007265006**
RD 2 CORREA IND PARK — **PRN008013435**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Chem Prod Corp
Handler Address:	Rd 2 Correa Ind Park
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008013435
Contact Name:	ANGEL AYALA
Contact Address:	PO BOX 1886
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-785-2026
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1886
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CHEM PROD CORP (Continued) **1007265006**

Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20040311
Handler Name: CHEM PROD CORP	
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CHEM PROD CORP (Continued) **1007265006**

Receive Date:	20060101
Handler Name: CHEM PROD CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080101
Handler Name: CHEM PROD CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CHEM PROD CORP **FINDS** **1007483495**
RD 2 CORREA IND PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110017614170

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Site	Database(s)	EDR ID Number EPA ID Number
CHEM PROD CORP (Continued)		**1007483495**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1007483495
Registry ID:	110017614170
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017614170
Name:	CHEM PROD CORP
Address:	RD 2 CORREA IND PARK
City,State,Zip:	BAYAMON, PR 00961

COSTCO WHOLESALE #364 **2399 RTE 2** **BAYAMON, PR 00961**	**RCRA-VSQG** **FINDS** **ECHO** **E MANIFEST**	**1000801175** **PRD987381480**

RCRA Listings:

Date Form Received by Agency:		20230620
Handler Name:		Costco Wholesale #364
Handler Address:		Rte 2
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRD987381480
Contact Name:		GAVIN PENDLETON
Contact Address:		LAKE DR
Contact City,State,Zip:		ISSAQUAH, WA 98027
Contact Telephone:		425-427-7862
Contact Fax:		Not reported
Contact Email:		ENVIRONMENTALCOMPLIANCE@COSTCO.COM
Contact Title:		MANAGER GLOBAL ENV COMPLIANCE
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		GREY HAWK CT STE 200
Mailing City,State,Zip:		CARLSBAD, CA 92010
Owner Name:	Costco Wholesale Corp	
Owner Type:		Private
Operator Name:	Costco Wholesale Corp	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230620
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D040
Waste Description: Trichloroethylene

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: NONE
Waste Description: Not Defined

Waste Code: P001

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U010
Waste Description: Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C

Waste Code: U015
Waste Description: Azaserine (Or) L-Serine, Diazoacetate (Ester)

Waste Code: U034
Waste Description: Acetaldehyde, Trichloro- (Or) Chloral

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U057
Waste Description: Cyclohexanone (I)

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U059
Waste Description: 5,12-Naphthacenedione, 8-Acetyl-10-[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxo-Hexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin

Waste Code: U075
Waste Description: Dichlorodifluoromethane (Or) Methane, Dichlorodifluoro-

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U279
Waste Description: U279

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	20100817
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	20011117
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	20011117
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLAZA BAYAMON SE
Legal Status:	Private
Date Became Current:	20100817
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 218
Owner/Operator City,State,Zip:	BAYAMON, PR 00960-0218
Owner/Operator Telephone:	310-445-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	20100817
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALCOMPLIANCE@COSTCO.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 20100817
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALCOMPLIANCE@COSTCO.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PLAZA BAYAMON, S.E.
Legal Status: Private
Date Became Current: 20100817
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 218
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORPORATION
Legal Status: Private
Date Became Current: 20100817
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALCOMPLIANCE@COSTCO.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PLAZA BAYAMON S E
Legal Status: Private
Date Became Current: 20100817
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Owner/Operator Address: PO BOX 218
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: 310-445-2425
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORPORATION
Legal Status: Private
Date Became Current: 20011117
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 20100817
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALCOMPLIANCE@COSTCO.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 17760101
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PLAZA BAYAMON S.E.

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Legal Status:	Private
Date Became Current:	20011117
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 218
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	310-445-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160227
Handler Name: COSTCO WHOLESALE #364	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20180225
Handler Name: COSTCO WHOLESALE #364	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19980423
Handler Name: COSTCO WHOLESALE #364	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: COSTCO WHOLESALE #364	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930304
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010709
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140605
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Receive Date: 20170725
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210823
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230620
Handler Name: COSTCO WHOLESALE #364
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 423910
NAICS Description: Sporting And Recreational Goods And Supplies Merchant Wholesalers

NAICS Code: 445291
NAICS Description: Baked Goods Retailers

NAICS Code: 44611
NAICS Description: Pharmacies And Drug Stores

NAICS Code: 446110
NAICS Description: Pharmacies And Drug Stores

NAICS Code: 447190
NAICS Description: Other Gasoline Stations

NAICS Code: 452311

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

NAICS Description: Warehouse Clubs And Supercenters

NAICS Code: 45291
NAICS Description: Warehouse Clubs And Supercenters

NAICS Code: 452910
NAICS Description: Warehouse Clubs And Supercenters

NAICS Code: 45521
NAICS Description: Warehouse Clubs, Supercenters, And Other General Merchandise Retailers

NAICS Code: 812922
NAICS Description: One-Hour Photofinishing

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150916
Evaluation Responsible Agency: EPA
Found Violation: No

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040923
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980302
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRMFD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940420
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRFLI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110070746198

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

All generators and treatment, storage, and disposal (TSD) facilities

Site	Database(s)	EDR ID Number EPA ID Number

COSTCO WHOLESALE #364 (Continued) **1000801175**

who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database

Registry ID: 110007813081

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1000801175
Registry ID:	110007813081
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007813081
Name:	COSTCO WHOLESALE #364
Address:	2399 RTE 2
City,State,Zip:	BAYAMON, PR 00961

GULF S/S #0153 **UST** **U003429503**
RD. 2 KM 15.4 HATO TEJAS HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-860173
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-860173
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860173
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860173
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil

Site	Database(s)	EDR ID Number EPA ID Number
GULF S/S #084 **RD. 2 KM. 15.7 PARQUE INDUSTRIAL CORUJO PARQUE IND** **BAYAMON, PR 00961**	**UST**	**U003429622** **N/A**

UST:

Facility ID:	2-860293
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860293
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860293
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-860293
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil

INTERNATIONAL PAPER **RD 2 KM 15.2, CORUJO INDUSTRIAL PARK** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1008330206** **N/A**

FTTS INSP:

Inspection Number:	2001080120162 2
Region:	02
Inspection Date:	08/01/01
Inspector:	L. LUGO
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	EPCRA
Facility Function:	Manufacturer

HIST FTTS INSP:

Inspection Number:	2001080120162 2
Region:	02
Inspection Date:	Not reported
Inspector:	L. LUGO
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	EPCRA
Facility Function:	Manufacturer

Site	Database(s)	EDR ID Number / EPA ID Number
NATIONAL COLLEGE OF BUSINESS & TECHNOLOG **RD 2 KM 11.2** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1012111810** **N/A**

FINDS:
Registry ID: 110038910033

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1012111810
Registry ID:	110038910033
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038910033
Name:	NATIONAL COLLEGE OF BUSINESS & TECHNOLOG
Address:	RD 2 KM 11.2
City,State,Zip:	BAYAMON, PR 00961

NATIONAL COLLEGE OF BUSINESS & TECHNOLOG **RD 2 KM 11.2** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1012188129** **PRN008020828**

RCRA Listings:

Date Form Received by Agency:	20090405
Handler Name:	National College Of Business & Technolog
Handler Address:	Rd 2 Km 11.2
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008020828
Contact Name:	JEANETTE R SANTIAGO
Contact Address:	PO BOX 2036
Contact City,State,Zip:	BAYAMON, PR 00960
Contact Telephone:	787-780-5134
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2036
Mailing City,State,Zip:	BAYAMON, PR 00960
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

Site	Database(s)	EDR ID Number EPA ID Number

NATIONAL COLLEGE OF BUSINESS & TECHNOLOG (Continued) **1012188129**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead

NATIONAL COLLEGE OF BUSINESS & TECHNOLOG (Continued) **1012188129**

Waste Code: D009
Waste Description: Mercury

Waste Code: D011
Waste Description: Silver

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NATIONAL COLLEGE OF BUSINESS & TECH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: RD 2 KM 11.2
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-780-5134
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20090406
Handler Name: NATIONAL COLLEGE OF BUSINESS & TECHNOLOGY
Federal Waste Generator Description: Not reported
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090405
Handler Name: NATIONAL COLLEGE OF BUSINESS & TECHNOLOG
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

NATIONAL COLLEGE OF BUSINESS & TECHNOLOG (Continued) **1012188129**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20120521
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: LAR
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

P.R. MARBLE IND.
RD. 2 KM. 16.4
BAYAMON, PR 00961

UST **U003430669**
N/A

UST:

Facility ID:	2-861678
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-861678
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

P.R.CONTAINER CO.
RD. 2 KM 15.2 BO. HATO TEJAS
BAYAMON, PR 00961

UST **U003431642**
N/A

UST:

Facility ID:	2-920122
Tank Status:	Permanently Out of Use
Substance Description:	Not Listed

PUERTO RICO CONTAINER CO
RD 2 KM 15.2 CORUJO IND PK
BAYAMON, PR 00961

RCRA NonGen / NLR **1006811331**
PRR000015172

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Puerto Rico Container Co
Handler Address:		Rd 2 Km 15.2 Corujo Ind Pk
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000015172
Contact Name:		HECTOR FLORES
Contact Address:		RD 2 KM 15.2 CORUJO IND PK
Contact City,State,Zip:		BAYAMON, PR 00961
Contact Telephone:		787-269-2690
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RD 2 KM 15.2 CORUJO IND PK
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	International Paper Co	
Owner Type:		Private
Operator Name:	International Paper Co	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO CONTAINER CO (Continued) **1006811331**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: INTERNATIONAL PAPER CO	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	400 ATLANTIC ST
Owner/Operator City,State,Zip:	STAMFORD, CT 06921
Owner/Operator Telephone:	203-541-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: INTERNATIONAL PAPER CO	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	400 ATLANTIC ST

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO CONTAINER CO (Continued) **1006811331**

Owner/Operator City,State,Zip: STAMFORD, CT 06921
Owner/Operator Telephone: 203-541-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL PAPER CO
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 400 ATLANTIC ST
Owner/Operator City,State,Zip: STAMFORD, CT 06921
Owner/Operator Telephone: 203-541-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: PUERTO RICO CONTAINER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: PUERTO RICO CONTAINER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020903
Handler Name: PUERTO RICO CONTAINER CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO CONTAINER CO (Continued) **1006811331**

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20040128
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SHELL S/S # 804525
RD 2 KM 12.0
BAYAMON, PR 00961

UST **U003429799**
N/A

UST:

Facility ID:	2-860617
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860617
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860617
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

TEXACO SANTA CRUZ
RD 2 SANTA CRUZ ST
BAYAMON, PR 00961

RCRA NonGen / NLR **1001225344**
PRO008006520

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Texaco Santa Cruz
Handler Address:		Rd 2 Santa Cruz St
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRO008006520
Contact Name:		Not reported
Contact Address:		RD 2 SANTA CRUZ ST
Contact City,State,Zip:		BAYAMON, PR 00961
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RD 2 SANTA CRUZ ST
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Non Regulated	
Owner Type:		Private
Operator Name:	Non Regulated	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

TEXACO SANTA CRUZ (Continued) **1001225344**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212

Site	Database(s)	EDR ID Number EPA ID Number

TEXACO SANTA CRUZ (Continued) **1001225344**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, PR 99999
Owner/Operator Telephone: 787-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19970716
Handler Name: TEXACO SANTA CRUZ
Federal Waste Generator Description: Not reported
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: TEXACO SANTA CRUZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: TEXACO SANTA CRUZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970716

Site	Database(s)	EDR ID Number EPA ID Number

TEXACO SANTA CRUZ (Continued) **1001225344**

Handler Name: TEXACO SANTA CRUZ
Federal Waste Generator Description: Not reported
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

UNILEVER OF PUERTO RICO **RCRA NonGen / NLR** **1001961929**
RD 2 KM 15.0 URB INDUSTRIAL DR **PRR000011643**
BAYAMON, PR 00961

RCRA Listings:
Date Form Received by Agency: 20080101
Handler Name: Unilever Of Puerto Rico
Handler Address: Rd 2 Km 15.0 Urb Industrial Dr
Handler City,State,Zip: BAYAMON, PR 00961
EPA ID: PRR000011643
Contact Name: ELBA ABREU BAEZ
Contact Address: PO BOX 599
Contact City,State,Zip: BAYAMON, PR 00960-0599
Contact Telephone: 787-740-3400
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 599
Mailing City,State,Zip: BAYAMON, PR 00960-0599
Owner Name: Unilever Nv
Owner Type: Private
Operator Name: Unilever Nv
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No

Site	Database(s)	EDR ID Number EPA ID Number

UNILEVER OF PUERTO RICO (Continued) **1001961929**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	F005
Waste Description:	The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNILEVER NV

Site	Database(s)	EDR ID Number EPA ID Number

UNILEVER OF PUERTO RICO (Continued) **1001961929**

Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: WEENA 455 PO BOX 760
Owner/Operator City,State,Zip: 3000 DK ROTTERDAM, PR 99999
Owner/Operator Telephone: 102-174-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: UNILEVER NV
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: WEENA 455 PO BOX 760
Owner/Operator City,State,Zip: 3000 DK ROTTERDAM, PR 99999
Owner/Operator Telephone: 102-174-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNILEVER NV
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: WEENA 455 PO BOX 760
Owner/Operator City,State,Zip: 3000 DK ROTTERDAM, PR 99999
Owner/Operator Telephone: 102-174-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: UNILEVER OF PUERTO RICO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: UNILEVER OF PUERTO RICO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Site	Database(s)	EDR ID Number EPA ID Number

UNILEVER OF PUERTO RICO (Continued) **1001961929**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19991214
Handler Name: UNILEVER OF PUERTO RICO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNILEVER OF PUERTO RICO (Continued) **1001961929**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date:	20010522
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EMFD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

UNILEVER OF PUERTO RICO **FINDS** **1016239791**
RD 2 KM 15.0 URB INDUSTRIAL DR **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007822384

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016239791
Registry ID:	110007822384
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007822384
Name:	UNILEVER OF PUERTO RICO
Address:	RD 2 KM 15.0 URB INDUSTRIAL DR
City,State,Zip:	BAYAMON, PR 00961

GULF #402 **ICIS** **1014907994**
RD. 2, KM 14.5, HATO TEJAS **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-2011-7504
FRS ID:	110043713158
Action Name:	Puma Energy Caribe, LLC
Facility Name:	GULF #402
Facility Address:	RD. 2, KM 14.5, HATO TEJAS BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

GULF #402 (Continued) **1014907994**

Enforcement Action Type:	Prospective Purchaser Agreement
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	PPA
Facility SIC Code:	5541
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.406778
Longitude in Decimal Degrees:	-66.1845
Permit Type Desc:	Not reported
Program System Acronym:	1400005591
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	GULF #402
Address:	RD. 2, KM 14.5, HATO TEJAS
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	5541

TOTAL #3123 **UST** **U003431366**
RD 2, KM 14.2 HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-910079
Tank Status:	Currently in Use
Substance Description:	Not reported

Facility ID:	2-910079
Tank Status:	Currently In Use
Substance Description:	Not reported

Facility ID:	2-910079
Tank Status:	Currently In Use
Substance Description:	Not reported

TRISTANI RUBBER INDUSTRIES INC **FINDS** **1008380153**
NO. 26 CALLE C HWY. 2 KM. 15.1 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110022519880

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

Site	Database(s)	EDR ID Number EPA ID Number

TRISTANI RUBBER INDUSTRIES INC (Continued) **1008380153**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1008380153
Registry ID:	110022519880
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110022519880
Name:	TRISTANI RUBBER INDUSTRIES INC
Address:	NO. 26 CALLE C HWY. 2 KM. 15.1
City,State,Zip:	BAYAMON, PR 00961

DEFPAC CORPORATION **SSTS** **1026500501**
RD. 28 ST. B LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

SSTS:

Name:	DEFPAC CORPORATION
Address:	RD. 28 ST. B LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
Report Year:	Not reported
Registration Number:	97761-PR-1

DEFPAC CORPORATION **FINDS** **1026536297**
RD. 28 ST. B LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070828788

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Section Seven Tracking System (SSTS) tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number / EPA ID Number
I T S CALEB BRETT USA INC **RTE 28 KM .2 LUCHETTI INDUSTRIAL PARK** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016239678** **N/A**

FINDS:
Registry ID: 110007821090

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016239678
Registry ID:	110007821090
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007821090
Name:	I T S CALEB BRETT USA INC
Address:	RTE 28 KM .2 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

INTERTEK USA INC **HWY 28 KM 2 0 LUCHETTI IND PARK** **BAYAMON, PR 00961**	**RCRA NonGen / NLR** **E MANIFEST**	**1004778998** **PRR000008912**

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		I T S Caleb Brett Usa Inc
Handler Address:		Rte 28 Km .2 Luchetti Industrial Park
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000008912
Contact Name:		RUTH RODRIGUEZ
Contact Address:		PO BOX 2790
Contact City,State,Zip:		BAYAMON, PR 00961
Contact Telephone:		787-785-3138
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 2790
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Its Caleb Brett	
Owner Type:		Private
Operator Name:	Its Caleb Brett	
Operator Type:		Private
Short-Term Generator Activity:		No

Site	Database(s)	EDR ID Number EPA ID Number

INTERTEK USA INC (Continued) **1004778998**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D005
Waste Description:	Barium

Site	Database(s)	EDR ID Number EPA ID Number

INTERTEK USA INC (Continued) **1004778998**

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: P120
Waste Description: Vanadium Oxide V2o5 (Or) Vanadium Pentoxide

Waste Code: U188
Waste Description: Phenol

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ITS CALEB BRETT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: POST OAK TOWER 5051 WESTHEIMER
Owner/Operator City,State,Zip: HOUSTON, TX 77056
Owner/Operator Telephone: 713-407-3500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ITS CALEB BRETT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERTEK USA INC (Continued) **1004778998**

Owner/Operator Address: POST OAK TOWER 5051 WESTHEIMER
Owner/Operator City,State,Zip: HOUSTON, TX 77056
Owner/Operator Telephone: 713-407-3500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ITS CALEB BRETT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: POST OAK TOWER 5051 WESTHEIMER
Owner/Operator City,State,Zip: HOUSTON, TX 77056
Owner/Operator Telephone: 713-407-3500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: I T S CALEB BRETT USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: I T S CALEB BRETT USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19980518
Handler Name: I T S CALEB BRETT USA INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Site	Database(s)	EDR ID Number EPA ID Number

INTERTEK USA INC (Continued) **1004778998**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20000502
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: PRCRO
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERTEK USA INC (Continued) **1004778998**

Request Agency: Not reported
Former Citation: Not reported

PRECISION COMPRESSORS PARTS **FINDS** **1016239707**
RD 28 KM 2.5 URB LUCHETTI **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007821438

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016239707
Registry ID: 110007821438
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007821438
Name: PRECISION COMPRESSORS PARTS
Address: RD 28 KM 2.5 URB LUCHETTI
City,State,Zip: BAYAMON, PR 00961

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL **TRIS** **1016983113**
PR 28 KM 2 LUCHETTI IND US TRIAL PARK **00619CRBBNLUCHE**
BAYAMON, PR 00961

Facility, Chemical, Releases and Other Waste Management Summary Information:
TRI ID: 00619CRBBNLUCHE
Form Type: Form R
Reporting year: 2023
Trade secret indicator: NO
Sanitized indicator: NO
Title of certifying official: EHS MANAGER BRENDA TORANO
Certifying officials signature indicator: ELECTRONIC
Date signed: 2024-06-21
Name: Puerto Rico Energy Llc - Bayamon Terminal
Address: PR 28 KM 2 LUCHETTI IND US TRIAL PARK
City,State,Zip: BAYAMON, PR 00961
BIA code: Not reported
Tribe name: Not reported
Mailing name: Puerto Rico Energy Llc - Bayamon Terminal
Mailing street: PO BOX 11961
Mailing province: Not reported
Mailing City,State,Zip: SAN JUAN, PR 00922
Entire facility ind: YES
Partial facility ind: NO
Federal facility ind: NO

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Goco facility ind:		NO
Assigned fed facility flag:		NO
Public contact name:		MARIO R. SIERRA
Public contact phone and Ext:		7877057929
Public contact email:		MARIO.SIERRA@PUMAENERGY.COM
Primary sic code:		Not reported
Sic code 2:		Not reported
Sic code 3:		Not reported
Sic code 4:		Not reported
Sic code 5:		Not reported
Sic code 6:		Not reported
Naics origin:		Not reported
Primary naics code:		424710
Naics code 2:		Not reported
Naics code 3:		Not reported
Naics code 4:		Not reported
Naics code 5:		Not reported
Naics code 6:		Not reported
Latitude:		18.416587
Longitude:		-66.133292
D and B number A:		078349064
D and B number B:		Not reported
RCRA number A:		PRD000632182
RCRA number B:		Not reported
RCRA number C:		Not reported
RCRA number D:		Not reported
RCRA number E:		Not reported
RCRA number F:		Not reported
RCRA number G:		Not reported
RCRA number H:		Not reported
NPDES number A:		PR0000370
NPDES number B:		Not reported
NPDES number C:		Not reported
NPDES number D:		Not reported
NPDES number E:		Not reported
NPDES number F:		Not reported
NPDES number G:		Not reported
Parent company name:		Not reported
Parent company D and B number:		Not reported
Standardized parent company name:		PUERTO RICO ENERGY LLC
Document control number:		1323221824283
TRI ID:		00619CRBBNLUCHE
Cas number:		0000110827
Chemical name:	Cyclohexane	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		06
Fugitive air emissions - total release pounds:		Not reported
Fugitive air emissions - total release range code:		A
Total fugitive air emissions:		5
Fugitive air emissions - basis of estimate:		Published Emission Factors
Stack air emissions - release pounds:		Not reported
Stack air emissions - release range code:		B
Total stack air emissions:		250

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stack air emissions - basis of estimate:	Published Emission Factors
Total air emissions:	255
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	255
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	648.812
Treated on site current year:	0
Total on-site waste management:	648.812
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	110-82-7
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	NO
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000110827
Document control number:	1323221824283
Chemical name: Cyclohexane	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000110827
Document control number:	1323221824283
Chemical name: Cyclohexane	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	136.277
Other on-site releases - current year:	152.5
Other on-site releases - following year:	167.75
Other on-site releases - 2nd-following year:	167.75
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	309.99
Quantity recycled on site current year:	648.812
Quantity recycled on site following year:	713.69
Quantity recycled on site 2nd-following year:	713.69
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.94
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000110827
Document control number:	1323221824283
Chemical name:	Cyclohexane
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		00619CRBBNLUCHE
Cas number:		0000092524
Chemical name:	Biphenyl	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		05
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		NA
Stack air emissions - release range code:		Not reported
Total stack air emissions:		0
Stack air emissions - basis of estimate:		Not reported
Total air emissions:		0
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Discharges to stream h - stream name:		Not reported
Discharges to stream h - release pounds:		Not reported
Discharges to stream h - release range code:		Not reported
Total discharges to stream h:		Not reported
Discharges to stream h - basis for estimate:		Not reported
Discharges to stream h - % from stormwater:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	92-52-4
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000092524
Document control number:	1323221824271
Chemical name: Biphenyl	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000092524
Document control number:	1323221824271
Chemical name:	Biphenyl
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.37
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000092524
Document control number:	1323221824271
Chemical name: Biphenyl	
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		00619CRBBNLUCHE
Cas number:		0000110543
Chemical name:	n-Hexane	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		06
Fugitive air emissions - total release pounds:		Not reported
Fugitive air emissions - total release range code:		B
Total fugitive air emissions:		250
Fugitive air emissions - basis of estimate:		Published Emission Factors
Stack air emissions - release pounds:		1620.89
Stack air emissions - release range code:		Not reported
Total stack air emissions:		1620.89
Stack air emissions - basis of estimate:		Published Emission Factors
Total air emissions:		1870.89
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	1870.89
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	4379.63
Treated on site current year:	0
Total on-site waste management:	4379.63
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	110-54-3
Mixture Name:	NA
Carcinogen Ind:	NO

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000110543
Document control number:	1323221824307
Chemical name: n-Hexane	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000110543
Document control number:	1323221824307
Chemical name: n-Hexane	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1137.91
Other on-site releases - current year:	1669.16
Other on-site releases - following year:	1836.07
Other on-site releases - 2nd-following year:	1836.07
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	2092.24
Quantity recycled on site current year:	4379.63
Quantity recycled on site following year:	4817.6
Quantity recycled on site 2nd-following year:	4817.6
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.86
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000110543
Document control number:	1323221824307
Chemical name:	n-Hexane
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:		0000110543
Document control number:		1323221824307
Chemical name:	n-Hexane	
Classification:		TRI
Comment sequence:		808215
Comment type description:		Change in total waste managed quantity - DQA
Comment text:		1.93 Production Ratio

TRI ID:	00619CRBBNLUCHE
Cas number:	0000100414

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Chemical name:	Ethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	Not reported
Fugitive air emissions - total release range code:	A
Total fugitive air emissions:	5
Fugitive air emissions - basis of estimate:	Published Emission Factors
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	B
Total stack air emissions:	250
Stack air emissions - basis of estimate:	Published Emission Factors
Total air emissions:	255
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	255
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	405.52
Treated on site current year:	0
Total on-site waste management:	405.52
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	100-41-4
Mixture Name:	NA
Carcinogen Ind:	YES
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000100414
Document control number:	1323221824295
Chemical name:	Ethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000100414
Document control number:	1323221824295
Chemical name:	Ethylbenzene
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	232.79
Other on-site releases - current year:	321.01
Other on-site releases - following year:	353.11
Other on-site releases - 2nd-following year:	353.11
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	193.69
Quantity recycled on site current year:	405.52
Quantity recycled on site following year:	446.07
Quantity recycled on site 2nd-following year:	446.07
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.93
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued)		**1016983113**

1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:		0000100414
Document control number:		1323221824295
Chemical name:	Ethylbenzene	
Classification:		TRI
Unit of measure:		Pounds
Stream 1 - waste stream code:		NA
Stream 1 - trtmt method - sequence 1:		Not reported
Stream 1 - trtmt method - sequence 2:		Not reported
Stream 1 - trtmt method - sequence 3:		Not reported
Stream 1 - trtmt method - sequence 4:		Not reported
Stream 1 - trtmt method - sequence 5:		Not reported
Stream 1 - trtmt method - sequence 6:		Not reported
Stream 1 - trtmt method - sequence 7:		Not reported
Stream 1 - trtmt method - sequence 8:		Not reported
Stream 1 - based on operating data:		Not reported
Stream 2 - waste stream code:		Not reported
Stream 2 - trtmt method - sequence 1:		Not reported
Stream 2 - trtmt method - sequence 2:		Not reported
Stream 2 - trtmt method - sequence 3:		Not reported
Stream 2 - trtmt method - sequence 4:		Not reported
Stream 2 - trtmt method - sequence 5:		Not reported
Stream 2 - trtmt method - sequence 6:		Not reported
Stream 2 - trtmt method - sequence 7:		Not reported
Stream 2 - trtmt method - sequence 8:		Not reported
Stream 2 - based on operating data:		Not reported
Stream 3 - waste stream code:		Not reported
Stream 3 - trtmt method - sequence 1:		Not reported
Stream 3 - trtmt method - sequence 2:		Not reported
Stream 3 - trtmt method - sequence 3:		Not reported
Stream 3 - trtmt method - sequence 4:		Not reported
Stream 3 - trtmt method - sequence 5:		Not reported
Stream 3 - trtmt method - sequence 6:		Not reported
Stream 3 - trtmt method - sequence 7:		Not reported
Stream 3 - trtmt method - sequence 8:		Not reported
Stream 3 - based on operating data:		Not reported
Stream 4 - waste stream code:		Not reported
Stream 4 - trtmt method - sequence 1:		Not reported
Stream 4 - trtmt method - sequence 2:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		00619CRBBNLUCHE
Cas number:		0000108883
Chemical name:	Toluene	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		07
Fugitive air emissions - total release pounds:		Not reported
Fugitive air emissions - total release range code:		B
Total fugitive air emissions:		250
Fugitive air emissions - basis of estimate:		Published Emission Factors
Stack air emissions - release pounds:		2653.699
Stack air emissions - release range code:		Not reported
Total stack air emissions:		2653.699
Stack air emissions - basis of estimate:		Published Emission Factors
Total air emissions:		2903.699
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	2903.699
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	5920.616
Treated on site current year:	0
Total on-site waste management:	5920.616
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	108-88-3
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Chemical Activities and Uses:

Cas number:		0000108883
Document control number:		1323221824345
Chemical name:	Toluene	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		No
P101 feedstocks:		No
P102 raw materials:		No
P103 intermediates:		No
P104 initiators:		No
P199 other:		No
Added as a formulation component:		No
P201 additives:		No
P202 dyes:		No
P203 reaction diluents:		No
P204 initiators:		No
P205 solvents:		No
P206 inhibitors:		No
P207 emulsifiers:		No
P208 surfactants:		No
P209 lubricants:		No
P210 flame retardants:		No
P211 rheological modifiers:		No
P299 other:		No
Used as an article component:		No
Repackaging:		Yes
As a process impurity:		No
Processed / recycling:		No
Used as a chemical processing aid:		No
Z101 process solvents:		No
Z102 catalysts:		No
Z103 inhibitors:		No
Z104 initiators:		No
Z105 reaction terminators:		No
Z106 solution buffers:		No
Z199 other:		No
Used as a manufacturing aid:		No
Z201 process lubricants:		No
Z202 metalworking fluids:		No
Z203 coolants:		No
Z204 refrigerants:		No
Z205 hydraulic fluids:		No
Z299 other:		No
Ancillary or other use:		Yes
Z301 cleaner:		No
Z302 degreaser:		No
Z303 lubricant:		No
Z304 fuel:		Yes
Z305 flame retardant:		No
Z306 waste treatment:		No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000108883
Document control number:	1323221824345
Chemical name: Toluene	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1914.819
Other on-site releases - current year:	2718.058
Other on-site releases - following year:	2989.86
Other on-site releases - 2nd-following year:	2989.86
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Quantity recycled on site prior year:	2828.373
Quantity recycled on site current year:	5920.616
Quantity recycled on site following year:	6512.677
Quantity recycled on site 2nd-following year:	6512.677
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.93
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:		0000108883
Document control number:		1323221824345
Chemical name:	Toluene	
Classification:		TRI
Unit of measure:		Pounds
Stream 1 - waste stream code:		NA
Stream 1 - trtmt method - sequence 1:		Not reported
Stream 1 - trtmt method - sequence 2:		Not reported
Stream 1 - trtmt method - sequence 3:		Not reported
Stream 1 - trtmt method - sequence 4:		Not reported
Stream 1 - trtmt method - sequence 5:		Not reported
Stream 1 - trtmt method - sequence 6:		Not reported
Stream 1 - trtmt method - sequence 7:		Not reported
Stream 1 - trtmt method - sequence 8:		Not reported
Stream 1 - based on operating data:		Not reported
Stream 2 - waste stream code:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:		0000108883
Document control number:		1323221824345
Chemical name:	Toluene	
Classification:		TRI
Comment sequence:		808219
Comment type description:		Change in total waste managed quantity - DQA
Comment text:		1.93 Production Ratio

TRI ID:		00619CRBBNLUCHE
Cas number:		0001330207
Chemical name:	Xylene (mixed isomers)	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Revision code 2:	Not reported
Maximum amount on site:	07
Fugitive air emissions - total release pounds:	Not reported
Fugitive air emissions - total release range code:	B
Total fugitive air emissions:	250
Fugitive air emissions - basis of estimate:	Published Emission Factors
Stack air emissions - release pounds:	1283.65
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1283.65
Stack air emissions - basis of estimate:	Published Emission Factors
Total air emissions:	1533.65
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	1533.65
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Recycled on site current year:	1703.191
Treated on site current year:	0
Total on-site waste management:	1703.191
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	1330-20-7
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0001330207
Document control number:	1323221824358
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Detailed Source Reduction Activities and Methods:

Cas number:	0001330207
Document control number:	1323221824358
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1022.54
Other on-site releases - current year:	1302.421
Other on-site releases - following year:	1432.66
Other on-site releases - 2nd-following year:	1432.66
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	813.664
Quantity recycled on site current year:	1703.191
Quantity recycled on site following year:	1873.51
Quantity recycled on site 2nd-following year:	1873.51
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.9
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0001330207
Document control number:	1323221824358
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		00619CRBBNLUCHE
Cas number:		0000071432
Chemical name:	Benzene	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		06
Fugitive air emissions - total release pounds:		Not reported
Fugitive air emissions - total release range code:		B
Total fugitive air emissions:		250
Fugitive air emissions - basis of estimate:		Published Emission Factors
Stack air emissions - release pounds:		1808.195
Stack air emissions - release range code:		Not reported
Total stack air emissions:		1808.195
Stack air emissions - basis of estimate:		Published Emission Factors
Total air emissions:		2058.195
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	2058.195
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	5028.468
Treated on site current year:	0
Total on-site waste management:	5028.468
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	71-43-2
Mixture Name:	NA
Carcinogen Ind:	YES
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:		0000071432
Document control number:		1323221824269
Chemical name:	Benzene	
Classification:		TRI
Unit of measure:		Pounds

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000071432
Document control number:	1323221824269
Chemical name: Benzene	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1271.06
Other on-site releases - current year:	1862.722
Other on-site releases - following year:	2048.99
Other on-site releases - 2nd-following year:	2048.99
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	2402.23
Quantity recycled on site current year:	5028.468
Quantity recycled on site following year:	5531.31
Quantity recycled on site 2nd-following year:	5531.31
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.93
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000071432
Document control number:	1323221824269
Chemical name:	Benzene
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:		0000071432
Document control number:		1323221824269
Chemical name:	Benzene	
Classification:		TRI
Comment sequence:		808214
Comment type description:		Change in total waste managed quantity - DQA
Comment text:		This Change In Release Totals Was Expected.

TRI ID:		00619CRBBNLUCHE
Cas number:		0000085018
Chemical name:	Phenanthrene	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		05
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stack air emissions - release pounds:	NA
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	0
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	85-01-8
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000085018
Document control number:	1323221824321
Chemical name:	Phenanthrene
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000085018
Document control number:	1323221824321
Chemical name:	Phenanthrene
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.37
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000085018
Document control number:	1323221824321
Chemical name:	Phenanthrene
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		00619CRBBNLUCHE
Cas number:		0000108952
Chemical name:	Phenol	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		04
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		NA
Stack air emissions - release range code:		Not reported
Total stack air emissions:		0
Stack air emissions - basis of estimate:		Not reported
Total air emissions:		0
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Discharges to stream h - stream name:		Not reported
Discharges to stream h - release pounds:		Not reported
Discharges to stream h - release range code:		Not reported
Total discharges to stream h:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	108-95-2
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000108952
Document control number:	1323221824333
Chemical name:	Phenol
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000108952
Document control number:	1323221824333
Chemical name: Phenol	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.37
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000108952
Document control number:	1323221824333
Chemical name: Phenol	
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:		0000108952
Document control number:		1323221824333
Chemical name:	Phenol	
Classification:		TRI
Comment sequence:		808217
Comment type description:		Highly volatile organic compound or an acid aerosol released to land - PE
Comment text:		Error Reviewed / No Comment.

TRI ID:		00619CRBBNLUCHE
Cas number:		0000091203
Chemical name:	Naphthalene	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		06
Fugitive air emissions - total release pounds:		0
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Other
Stack air emissions - release pounds:		.082
Stack air emissions - release range code:		Not reported
Total stack air emissions:		.082
Stack air emissions - basis of estimate:		Published Emission Factors
Total air emissions:		.082
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Total on-site land releases:	0
Total on-site releases:	.082
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	91-20-3
Mixture Name:	NA
Carcinogen Ind:	YES
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000091203
Document control number:	1323221824319
Chemical name: Naphthalene	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000091203
Document control number:	1323221824319
Chemical name: Naphthalene	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	.225
Other on-site releases - current year:	.082
Other on-site releases - following year:	.0899
Other on-site releases - 2nd-following year:	.0899

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.44
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000091203
Document control number:	1323221824319
Chemical name:	Naphthalene
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

TRI ID:	00619CRBBNLUCHE
Cas number:	0000095636
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	.663
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	.663
Fugitive air emissions - basis of estimate:	Published Emission Factors
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	B
Total stack air emissions:	250
Stack air emissions - basis of estimate:	Published Emission Factors
Total air emissions:	250.663
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	250.663
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110008471956
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	95-63-6
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	409528911
Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING B.V.
Hazardous Air Pollutant - HAPS:	NO
Standardized Foreign Parent Company Name:	PUMA ENERGY AMERICAS HOLDING BV

Chemical Activities and Uses:

Cas number:	0000095636
Document control number:	1323221823952
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	Yes
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Puerto Rico Energy Llc - Bayamon Terminal
Submitted Street:	PR 28 KM 2 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	PUERTO RICO ENERGY LLC
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Submitted Industry Name:	Petroleum Bulk Terminals
Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals

Site	Database(s)	EDR ID Number EPA ID Number
PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued)		**1016983113**

Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	11
Total number of forms submitted:	345 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000095636
Document control number:	1323221823952
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	335.425
Other on-site releases - current year:	345.473
Other on-site releases - following year:	379.29
Other on-site releases - 2nd-following year:	379.29
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.37
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000095636
Document control number:	1323221823952
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUERTO RICO ENERGY LLC - BAYAMON TERMINAL (Continued) **1016983113**

Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

The US TRIS: database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information

---

PUMA ENERGY CARIBE (FORM CARIB PET REF) **ICIS** **1016933098**
PR 28 KM 20 LUCHETTI IND PARK **US AIRS** **N/A**
BAYAMON, PR 00961 **FINDS**

ICIS:

Enforcement Action ID:	PR000A0000720210000800287
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800287
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800286
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800286
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800279
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800279
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Administrative Order
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800274
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800274
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Administrative Order
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800263
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800263
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800252
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800252
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800200
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800200
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800198
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800198
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800182
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800182
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800181
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800181
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800152

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800152
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Administrative Order
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800134
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800134
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210000800115
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800115
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Administrative Order
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210000800111
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800111
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210000800094
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800094
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: Administrative Order
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210000800077
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800077
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: Administrative Order
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210000800071
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800071
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-2011-A004
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800289
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 113D Withdrawn
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113DWD
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-2009-A001
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800278
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 5171

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-1994-A005
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800175
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-1992-A005
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800147
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-1984-A002
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800070
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 120 AO For Noncompliance Penalty
Facility County: BAYAMON
Program System Acronym: AIR

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 120
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-1975-A004
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800010
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-000F000720210000800215
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800215
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5171
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.418463
Longitude in Decimal Degrees: -66.137481
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100008
Facility NAICS Code: 424710
Tribal Land Code: Not reported

Enforcement Action ID: 02-000F000720210000800213
FRS ID: 110008471956
Action Name: PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800213
Facility Name: PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address: PR 28 KM 20 LUCHETTI IND PARK
BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800157
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800157
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800145
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800145
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800141
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800141

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800140
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800140
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800136
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800136
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Enforcement Action ID:	02-000F000720210000800022
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800022
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

Enforcement Action ID:	02-000F000720210000800005
FRS ID:	110008471956
Action Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF) 720210000800005
Facility Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Facility Address:	PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5171
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.418463
Longitude in Decimal Degrees:	-66.137481
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100008
Facility NAICS Code:	424710
Tribal Land Code:	Not reported

US AIRS (AFS):

Region Code:	02
County Code:	PR021
Programmatic ID:	AIR PR0000007202100008
Facility Registry ID:	110008471956
D and B Number:	Not reported
Facility Site Name:	Puma Energy Caribe (Form Carib Pet Ref)
Primary SIC Code:	5171
NAICS Code:	424710
Default Air Classification Code:	MAJ
Facility Type of Ownership Code:	POF
Air CMS Category Code:	TVM
HPV Status:	Not reported

US AIRS (AFS):

Region Code:	02

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Programmatic ID: AIR PR0000007202100008
Facility Registry ID: 110008471956
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Air Program: Operating Permits
Activity Date: 2015-08-25 00:00:00
Activity Status Date: 2015-08-31 14:34:48
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: New Source Performance Standards
Activity Date: 2015-02-03 00:00:00
Activity Status Date: 2015-04-02 16:55:30
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-20 00:00:00
Activity Status Date: 2014-05-20 14:07:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2014-05-08 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-08 00:00:00
Activity Status Date: 2014-05-15 16:31:43
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2014-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-05-08 00:00:00
Activity Status Date: 2014-05-15 16:31:43
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-10-30 00:00:00
Activity Status Date: 2013-11-21 09:00:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2013-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Operating Permits
Activity Date: 2013-10-30 00:00:00
Activity Status Date: 2013-11-21 09:00:12
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: New Source Performance Standards
Activity Date: 2013-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2013-10-30 00:00:00
Activity Status Date: 2013-11-21 09:00:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-10-30 00:00:00
Activity Status Date: 2013-11-21 09:00:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2013-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-05-16 00:00:00
Activity Status Date: 2011-05-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Closed

Air Program: Title V Permits
Activity Date: 2011-03-31 00:00:00
Activity Status Date: 2011-03-31 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-11-02 00:00:00
Activity Status Date: 2010-11-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Achieved

Air Program: Title V Permits
Activity Date: 2010-10-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-07-20 00:00:00
Activity Status Date: 2010-09-29 11:22:35
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2010-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-07-17 00:00:00
Activity Status Date: 2009-07-17 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-07-08 00:00:00
Activity Status Date: 2009-07-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Title V Permits
Activity Date: 2009-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-10-30 00:00:00
Activity Status Date: 2008-10-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2008-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2008-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 2008-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2008-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2008-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-12-12 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2007-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2007-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2007-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-05-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-05-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-03-27 00:00:00
Activity Status Date: 2007-03-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-03-27 00:00:00
Activity Status Date: 2007-03-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 2007-03-27 00:00:00
Activity Status Date: 2007-03-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-27 00:00:00
Activity Status Date: 2007-03-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Title V Permits
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-01-26 00:00:00
Activity Status Date: 2007-01-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 2007-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2007-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 2006-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2006-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-03-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-10-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2005-10-05 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2005-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-04-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-18 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-12-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2004-12-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-12-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2004-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-11-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-11-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2004-11-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2004-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2004-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2004-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2004-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2003-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2001-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2001-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2001-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 2001-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2000-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2000-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2000-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1999-10-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-10-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-10-14 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1999-10-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-10-08 00:00:00
Activity Status Date: 1999-10-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Title V Permits
Activity Date: 1999-10-08 00:00:00
Activity Status Date: 1999-10-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-10-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1999-10-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1999-10-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-10-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-09-08 00:00:00
Activity Status Date: 1999-09-08 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Title V Permits
Activity Date: 1999-09-08 00:00:00
Activity Status Date: 1999-09-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1999-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1999-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1999-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1999-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1999-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-06-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1999-05-28 00:00:00
Activity Status Date: 1999-05-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1999-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1999-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1999-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-03-30 00:00:00
Activity Status Date: 1999-03-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1999-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1999-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1999-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1998-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1998-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 1998-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1996-12-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-12-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1996-12-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1996-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1996-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 1995-04-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-04-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1995-04-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1995-02-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1995-02-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-02-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-11-07 00:00:00
Activity Status Date: 1994-11-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1994-11-07 00:00:00
Activity Status Date: 1994-11-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-11-07 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: 1994-11-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1994-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-09-02 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-07-13 00:00:00
Activity Status Date: 1994-07-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-04-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-04-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1994-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1994-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-12-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1993-10-21 00:00:00
Activity Status Date: 1993-10-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 1993-10-21 00:00:00
Activity Status Date: 1993-10-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1993-10-21 00:00:00
Activity Status Date: 1993-10-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-06-16 00:00:00
Activity Status Date: 1993-06-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: New Source Performance Standards
Activity Date: 1993-06-16 00:00:00
Activity Status Date: 1993-06-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1992-10-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-10-29 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1992-08-06 00:00:00
Activity Status Date: 1992-08-06 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1992-05-27 00:00:00
Activity Status Date: 1992-05-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-05-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1992-05-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1992-05-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-12 00:00:00
Activity Status Date: 1992-03-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1992-03-12 00:00:00
Activity Status Date: 1992-03-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-09 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1992-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1992-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1991-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-07-08 00:00:00
Activity Status Date: 1991-07-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-03-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1991-03-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1991-03-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1991-03-01 00:00:00
Activity Status Date: 1991-03-01 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-03-01 00:00:00
Activity Status Date: 1991-03-01 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-04-10 00:00:00
Activity Status Date: 1990-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1990-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1990-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: New Source Performance Standards
Activity Date: 1990-01-31 00:00:00
Activity Status Date: 1990-01-31 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: New Source Performance Standards
Activity Date: 1989-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1988-11-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1988-11-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-11-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 1987-11-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1987-11-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-11-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1987-04-10 00:00:00
Activity Status Date: 1987-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-04-10 00:00:00
Activity Status Date: 1987-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: New Source Performance Standards
Activity Date: 1986-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1986-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-12 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1986-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1986-08-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1985-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1985-08-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1985-08-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-08-05 00:00:00
Activity Status Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1985-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1985-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1985-03-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1984-05-10 00:00:00
Activity Status Date: 1984-05-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1984-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-05-10 00:00:00
Activity Status Date: 1984-05-10 00:00:00
Activity Group: Enforcement Action

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: New Source Performance Standards
Activity Date: 1984-05-10 00:00:00
Activity Status Date: 1984-05-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: New Source Performance Standards
Activity Date: 1984-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1984-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1984-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-02-02 00:00:00
Activity Status Date: 1984-02-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-01-10 00:00:00
Activity Status Date: 1984-01-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status: Final Order Issued

Air Program: New Source Performance Standards
Activity Date: 1983-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1983-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-04-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1982-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1982-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1982-07-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-07-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1982-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1981-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1981-05-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-05-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 1981-05-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Date: 1981-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-10-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-06-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-06-02 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

Activity Status Date: 1978-06-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1975-09-12 00:00:00
Activity Status Date: 1975-09-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1974-12-16 00:00:00
Activity Status Date: 1974-12-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110008471956

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Toxic Release Inventory System (TRIS) is a publicly available EPA

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE (FORM CARIB PET REF) (Continued) **1016933098**

database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PUMA ENERGY CARIBE (FORM CARIB PET REF) **ECHO** **1025892712**
PR 28 KM 20 LUCHETTI IND PARK **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1025892712
Registry ID:	110008471956
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008471956
Name:	PUMA ENERGY CARIBE (FORM CARIB PET REF)
Address:	PR 28 KM 20 LUCHETTI IND PARK
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
PUMA ENERGY CARIBE (FORM CARIB PET REF) PR 28 KM 20 LUCHETTI IND PARK BAYAMON, PR 00961	**PFAS ECHO**	**1027409615 N/A**
REVLON PR AT LUIS GARRATON RD 28 CENTRAL JUANITA FINAL AV BAYAMON, PR 00961	**RCRA-LQG E MANIFEST**	**1014401130 PRR000022731**

RCRA Listings:

Date Form Received by Agency:		20240301
Handler Name:		Luis Garraton Llc
Handler Address:		Carr 28 Avenida Central Juanita Final
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000022731
Contact Name:		JOSE M SANTANA
Contact Address:		PO BOX 362984
Contact City,State,Zip:		SAN JUAN, PR 00936-2984
Contact Telephone:		787-457-6847
Contact Fax:		787-300-3891
Contact Email:		JSANTANA@LGIPR.COM
Contact Title:		OPERATION & DISTRIBUTION MANAGER
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2023
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 362984
Mailing City,State,Zip:		SAN JUAN, PR 00936-2984
Owner Name:	Metropolitan Inc	
Owner Type:		Private
Operator Name:	Luis Garraton Llc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240424
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2023

Click Here for Biennial Reporting System Data:

Year: 2021

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: METROPOLITAN INC	
Legal Status:	Private
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	CALLE 1 #8 TERRAZAS DE
Owner/Operator City,State,Zip:	GUAYNABO, PR 00966
Owner/Operator Telephone:	787-788-6100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	SONIAC@LGIPR.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: LUIS GARRATON LLC	
Legal Status:	Private
Date Became Current:	20060801
Date Ended Current:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

Owner/Operator Address: 28 AVE. CENTRAL JUANITA FINAL
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: LPENA@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: METROPOLITAN INC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: CALLE 1 #8 TERRAZAS DE
Owner/Operator City,State,Zip: GUAYNABO, PR 00966
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SONIAC@LGIPR.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON INC
Legal Status: Private
Date Became Current: 20060801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON LLC
Legal Status: Private
Date Became Current: 20060801
Date Ended Current: Not reported
Owner/Operator Address: 28 AVE. CENTRAL JUANITA FINAL
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: LPENA@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: METROPOLITAN INC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: CALLE 1 #8 TERRAZAS DE
Owner/Operator City,State,Zip: GUAYNABO, PR 00966
Owner/Operator Telephone: 787-783-2686
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220224

Site	Database(s)	EDR ID Number EPA ID Number

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

Handler Name: LUIS GARRATON LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240301
Handler Name: LUIS GARRATON LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20100628
Handler Name: LUIS GARRATON INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: Printing

NAICS Code: 493110
NAICS Description: General Warehousing And Storage

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 20140930
Actual Return to Compliance Date: 20141217
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20141030
Enforcement Identifier: 001
Date of Enforcement Action: 20140930

Site	Database(s)	EDR ID Number EPA ID Number

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: IRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20140930
Actual Return to Compliance Date: 20141217
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20141030
Enforcement Identifier: 001
Date of Enforcement Action: 20140930
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: IRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20140522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	IRR
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20141217
Scheduled Compliance Date:	20141030
Date of Request:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

REVLON PR AT LUIS GARRATON (Continued) **1014401130**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	IRR
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20141217
Scheduled Compliance Date:	20141030
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110817
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2KV
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

REVLON PR AT LUIS GARRATON **E MANIFEST** **1031563122**
RD 28 CENTRAL JUANITA FINAL AV **N/A**
BAYAMON, PR 00961

VIRGINIA CHEMICAL CORP **FTTS** **1004590084**
RD 28 B STREET, URB IND LUCHETTI **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	19921130EP002 1
Region:	02
Inspection Date:	11/30/92
Inspector:	A. LESCHINSKY, JB
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, SEE Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	EPCRA
Facility Function:	Processor

HIST FTTS INSP:

Inspection Number:	19921130EP002 1
Region:	02
Inspection Date:	Not reported
Inspector:	A. LESCHINSKY, JB

Site	Database(s)	EDR ID Number EPA ID Number

VIRGINIA CHEMICAL CORP (Continued) **1004590084**

Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

PETRO-TANKS, INC **FTTS** **1007289997**
RD 28, URB IND LUCHETTI **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 19950906T01CA 1
Region: 09
Inspection Date: 09/06/95
Inspector: MCOERS
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 19950906T01CA 1
Region: 09
Inspection Date: Not reported
Inspector: MCOERS
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

PETRO-TANKS, INC **FTTS** **1009520573**
RD 28, URB IND LUCHETTI **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 19921203EP004 1
Region: 02
Inspection Date: 12/03/92
Inspector: J. BLUM, AL
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

HIST FTTS INSP:
Inspection Number: 19921203EP004 1
Region: 02
Inspection Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PETRO-TANKS, INC (Continued) **1009520573**

Inspector: J. BLUM, AL
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

KINGDOM PACKING CO. INC. **FTTS** **1007146969**
3RD ST LOTS # 10, 11, 12 & 13 HATO TEJAS **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 20030220006 1
Region: 02
Inspection Date: 02/20/03
Inspector: S. ORTIZ
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

HIST FTTS INSP:
Inspection Number: 20030220006 1
Region: 02
Inspection Date: Not reported
Inspector: S. ORTIZ
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

KINGDOM PACKING CO. INC. **FINDS** **1016307771**
3RD ST LOTS # 10, 11, 12 & 13 HATO TEJAS **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110015973650

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC **195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1001961931** **PRR000012179**

RCRA Listings:

Date Form Received by Agency:	20220527
Handler Name:	International Equipment Logistics Transport Inc
Handler Address:	Rd 5 Rd Buchanan Industrial Lechetti
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000012179
Contact Name:	VICTOR A CABRERA
Contact Address:	PO BOX 10995
Contact City,State,Zip:	SAN JUAN, PR 00922
Contact Telephone:	787-787-9020
Contact Fax:	Not reported
Contact Email:	VCABRERA@DANACOMPANIES.COM
Contact Title:	ADMINISTRATION AND SALES MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 10995
Mailing City,State,Zip:	SAN JUAN, PR 00922
Owner Name:	International Equipment Logistics Inc
Owner Type:	Private
Operator Name:	International Equipment Logistics Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220527
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	F001
Waste Description:	The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F004
Waste Description: The Following Spent Nonhalogenated Solvents: Cresols, Cresylic Acid, And Nitrobenzene; And The Still Bottoms From The Recovery Of These Solvents; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F006
Waste Description: Wastewater Treatment Sludges From Electroplating Operations, Except From The Following Processes: (1) Sulfuric Acid Anodizing Of Aluminum; (2) Tin Plating On Carbon Steel; (3) Zinc Plating (Segregated Basis) On Carbon Steel; (4) Aluminum Or Zinc-Aluminum Plating On Carbon Steel; (5) Cleaning/Stripping Associated With Tin, Zinc, And Aluminum Plating On Carbon Steel; And (6) Chemical Etching And Milling Of Aluminum.

Waste Code: F007
Waste Description: Spent Cyanide Plating Bath Solutions From Electroplating Operations.

Waste Code: F008
Waste Description: Plating Bath Residues From The Bottom Of Plating Baths From Electroplating Operations In Which Cyanides Are Used In The Process.

Waste Code: F009
Waste Description: Spent Stripping And Cleaning Bath Solutions From Electroplating Operations In Which Cyanides Are Used In The Process.

Waste Code: F010
Waste Description: Quenching Bath Residues From Oil Baths From Metal Heat Treating Operations In Which Cyanides Are Used In The Process.

Waste Code: F024
Waste Description: Process Wastes Including, But Not Limited To, Distillation Residues, Heavy Ends, Tars, And Reactor Clean-Out Wastes From The Production Of Certain Chlorinated Aliphatic Hydrocarbons By Free Radical Catalyzed Processes. These Chlorinated Aliphatic Hydrocarbons Are Those Having Carbon Chain Lengths Ranging From One To, And Including Five, With Varying Amounts And Positions Of Chlorine Substitution. (This Listing Does Not Include Wastewaters, Wastewater Treatment Sludge, Spent Catalysts, And Wastes Listed In Sections 261.31. Or 261.32)

Site	Database(s)	EDR ID Number EPA ID Number
INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued)		**1001961931**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: RONALD DANA	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 10995 CAPARRA HGTS STA
Owner/Operator City,State,Zip:	SAN JUAN, PR 00922
Owner/Operator Telephone:	787-793-7815
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: I E L TRANSPORT INC	
Legal Status:	Private
Date Became Current:	19791231
Date Ended Current:	Not reported
Owner/Operator Address:	LUCHETTI IND PK DOWHE DR 9 MAR
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	787-779-1501
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: RONALD DANA	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 10995 CAPARRA HGTS STA
Owner/Operator City,State,Zip:	SAN JUAN, PR 00922
Owner/Operator Telephone:	787-793-7815
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: INTERNATIONAL EQUIPMENT LOGISTICS INC	
Legal Status:	Private
Date Became Current:	20031007
Date Ended Current:	Not reported
Owner/Operator Address:	195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-787-9020
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	VCABRERA@DANACOMPANIES.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name: INTERNATIONAL EQUIPMENT LOGISTICS INC	
Legal Status:	Private
Date Became Current:	20031007
Date Ended Current:	Not reported
Owner/Operator Address:	195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-787-9020

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: VCABRERA@DANACOMPANIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10995 CAPARRA HGTS STA
Owner/Operator City,State,Zip: SAN JUAN, PR 00922
Owner/Operator Telephone: 787-793-7815
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 17760101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10995 CAPARRA HGTS STA
Owner/Operator City,State,Zip: SAN JUAN, PR 00922
Owner/Operator Telephone: 787-793-7815
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: I E L TRANSPORT INC
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: LUCHETTI IND PK DOWHE DR 9 MAR
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: 787-779-1501
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: I E L TRANSPORT INC
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: LUCHETTI IND PK DOWHE DR 9 MAR
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: 787-779-1501
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220527
Handler Name: INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060101
Handler Name: I E L TRANSPORT INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170525
Handler Name: INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19991217
Handler Name: HECTOR L GARCIA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20030929
Handler Name: I E L TRANSPORT INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	484110
NAICS Description:	General Freight Trucking, Local

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	20130513
Actual Return to Compliance Date:	20140417
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20130513
Actual Return to Compliance Date:	20140417
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20130102
Actual Return to Compliance Date:	20130103
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20120209
Actual Return to Compliance Date: 20120210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20120209
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20070703
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070703
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070703
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20070703
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070831
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	15000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070831
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	15000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070703
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20070703
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070831
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	15000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20070703
Actual Return to Compliance Date:	20080228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12000
Paid Amount: Not reported
Final Count: 1
Final Amount: 12000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050927
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 8500
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050823
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050823
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060818
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050823
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050823
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050927
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6800
Paid Amount: Not reported
Final Count: 1
Final Amount: 6800

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050927
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 8500
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050927
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	8500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050927
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6800
Paid Amount: Not reported
Final Count: 1
Final Amount: 6800

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060818
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050927
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050927
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 8500
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20050823
Actual Return to Compliance Date: 20060818
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20050927
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ELRD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	8500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20050823
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060818
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ELRD
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6800
Paid Amount:	Not reported
Final Count:	1
Final Amount:	6800
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20050923
Actual Return to Compliance Date:	20060818
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20051022
Enforcement Identifier:	001
Date of Enforcement Action:	20050923
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EMRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	20010919
Actual Return to Compliance Date:	20040122
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040122
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EMRR
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	1200
Paid Amount:	Not reported
Final Count:	1
Final Amount:	1200

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	20010919
Actual Return to Compliance Date:	20040122
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20020717
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EMRR
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	1500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	20010919
Actual Return to Compliance Date:	20040122
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20010919
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EMRR
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 20020810
Actual Return to Compliance Date: 20020903
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20020909
Enforcement Identifier: 001
Date of Enforcement Action: 20020810
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VERBAL INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 20010919
Actual Return to Compliance Date: 20040122
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20010919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EMRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 20010919
Actual Return to Compliance Date: 20040122
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20040122
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EMRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 1200
Paid Amount: Not reported
Final Count: 1
Final Amount: 1200

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 20010919
Actual Return to Compliance Date: 20040122
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20020717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EMRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Proposed Amount:	1500
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20130319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	CEV
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20140417
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Date:	20130319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	CEV
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20140417
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20130102
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20130103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20120210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20080228
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070703
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	ELRD

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061205
Evaluation Responsible Agency:	State

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060818
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050823
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050628
Evaluation Responsible Agency:	State

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20060818

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050616
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060818
Scheduled Compliance Date:	20051022
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20041201
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Date:	20040122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20031218
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020810
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020903
Scheduled Compliance Date:	20020909
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010906
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010829
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR

Site	Database(s)	EDR ID Number EPA ID Number

INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC (Continued) **1001961931**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010829
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010829
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040122
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010829
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EMRR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC **195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016203036** **N/A**

FINDS:

Registry ID: 110004895463

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016203036
Registry ID:	110004895463
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004895463
Name:	INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC
Address:	195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI
City,State,Zip:	BAYAMON, PR 00961

BEAUCHAMP, M.D., PEDRO J. **OF. 503-4 SANTA CRUZ AVE. #7(F)** **BAYAMON, PR 00961**	**MLTS**	**1001206550** **N/A**

MLTS:

Contact Name:	PEDRO BEAUCHAMP
Contact Phone:	787-798-0100
Institution Code:	23058
Dock Number:	3020224
License Number:	52-23058-01
Lic. Expiration Date:	1995-03-31 00:00:00
Licensee:	BEAUCHAMP, M.D., PEDRO J.
Licensee Line 2:	Not reported
License Contact Street 1:	OF. 503-4 SANTA CRUZ AVE. #7(F)
License Contact Street 2:	Not reported
License Contact Street 3:	DR. ARTURO CADILLA BUILDING
License Contact City:	BAYAMON
License Contact State:	PR
License Contact Zip:	00961
License Date:	1990-03-02 00:00:00
First License Date:	Not reported
Status:	Retired
Agency Code:	NRC
Authorized States:	Not reported
Authorized for Burial:	N
Approved for Storage Flag:	N
Approved for Redistrib Flag:	N
Approved for Incineration:	N
Last Inspection Date:	1994-06-01 00:00:00
Date of Nest Inspection:	1998-06-01 00:00:00
Primary RSO Full Name:	PEDRO BEAUCHAMP
Inspection Status:	Draft

Site	Database(s)	EDR ID Number EPA ID Number
PRASA (DAJAOS) **RD 812 KM 3.6** **BAYAMON, PR 00961**	**ICIS** **FINDS** **ECHO**	**1004591958** **N/A**

ICIS:

Enforcement Action ID:	02-1995-0026
FRS ID:	110010618590
Action Name:	PRASA (DAJAOS)
Facility Name:	PRASA (DAJAOS)
Facility Address:	RD 812 KM 3.6 BAYAMON, PR 00961
Enforcement Action Type:	SDWA 1414G3 AO For Penalties (PWS)
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	1414G3
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.299047
Longitude in Decimal Degrees:	-66.184971
Permit Type Desc:	Not reported
Program System Acronym:	40833
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	PRASA (DAJAOS)
Address:	RD 812 KM 3.6
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	Not reported

FINDS:

Registry ID: 110010618590

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1004591958

Site	Database(s)	EDR ID Number / EPA ID Number

PRASA (DAJAOS) (Continued) **1004591958**

Registry ID:	110010618590
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010618590
Name:	PRASA (DAJAOS)
Address:	PR-812 KM 3.6
City,State,Zip:	BAYAMON, PR 00961

CONDADO WINDOWS **RCRA-VSQG** **1027222622**
RD 871 SECTOR EL VOLCAN HATO TEJAS **PRN008030900**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20220610
Handler Name:	Condado Windows
Handler Address:	Rd 871 Sector El Volcan Hato Tejas
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008030900
Contact Name:	JUSTIN VANBEVER-VECKETT
Contact Address:	PO BOX 13847
Contact City,State,Zip:	SAN JUAN, PR 00908-3847
Contact Telephone:	787-647-1087
Contact Fax:	787-774-0404
Contact Email:	FRANCHESKA@CONDADOWINDOW.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 13847
Mailing City,State,Zip:	SAN JUAN, PR 00908-3847
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

Site	Database(s)	EDR ID Number EPA ID Number

CONDADO WINDOWS (Continued) **1027222622**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220613
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D009
Waste Description:	Mercury

Historic Generators:

Receive Date:	20220610
Handler Name: CONDADO WINDOWS	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

Site	Database(s)	EDR ID Number EPA ID Number

CONDADO WINDOWS
RD 871 SECTOR EL VOLCAN HATO TEJAS
BAYAMON, PR 00961

ECHO **1027259305**
N/A

ECHO:

Envid:	1027259305
Registry ID:	110071292374
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071292374
Name:	CONDADO WINDOWS
Address:	RD 871 SECTOR EL VOLCAN HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

CONDADO WINDOWS
RD 871 SECTOR EL VOLCAN HATO TEJAS
BAYAMON, PR 00961

FINDS **1027300862**
N/A

FINDS:
Registry ID: 110071292374

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PAYCO FOODS CORP
ST A LOT 10 BLDG 19B
BAYAMON, PR 00961

RCRA NonGen / NLR **1014401053**
PRN008022188

RCRA Listings:

Date Form Received by Agency:	20100310
Handler Name:	Payco Foods Corp
Handler Address:	St A Lot 10 Bldg 19b
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008022188
Contact Name:	BOLIVAR OJEDA
Contact Address:	ST A LOT 10 BLDG 19B
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-778-5220
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 11219
Mailing City,State,Zip:	SAN JUAN, PR 00922-1219

Site	Database(s)	EDR ID Number EPA ID Number

PAYCO FOODS CORP (Continued) **1014401053**

Owner Name:	Payco Foods Corp	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20100310
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PAYCO FOODS CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PAYCO FOODS CORP (Continued) **1014401053**

Owner/Operator Address: ST A LOT 10 BLDG 19B
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-778-5220
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100310
Handler Name: PAYCO FOODS CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PAYCO FOODS CORP (Continued) **1014401053**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20100223
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PAYCO FOODS CORP **FINDS** **1014831412**
ST A LOT 10 BLDG 19B **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110041695902

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1014831412
Registry ID: 110041695902
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110041695902
Name: PAYCO FOODS CORP
Address: ST A LOT 10 BLDG 19B
City,State,Zip: BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
5 ASEC PLAZA DEL SOL AVE WEST MAIN LOCAL #2 BAYAMON, PR 00961	**RCRA NonGen / NLR**	**1010567584 PRR000020651**

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		5 Asec Plaza Del Sol
Handler Address:		Ave West Main Local #2
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000020651
Contact Name:		JESLIM RAMOS
Contact Address:		MANSION DEL MAR MM58
Contact City,State,Zip:		TOA BAJA, PR 00949
Contact Telephone:		787-474-2646
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		MANSION DEL MAR MM58
Mailing City,State,Zip:		TOA BAJA, PR 00949
Owner Name:	New Era Dry Cleaners	
Owner Type:		Private
Operator Name:	New Era Dry Cleaners	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A

Site	Database(s)	EDR ID Number EPA ID Number

5 ASEC PLAZA DEL SOL (Continued) **1010567584**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D039
Waste Description:	Tetrachloroethylene
Waste Code:	D040
Waste Description:	Trichloroethylene
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEW ERA DRY CLEANERS	
Legal Status:	Private
Date Became Current:	20051010
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEW ERA DRY CLEANERS	
Legal Status:	Private
Date Became Current:	20051010

Site	Database(s)	EDR ID Number EPA ID Number

5 ASEC PLAZA DEL SOL (Continued) **1010567584**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NEW ERA DRY CLEANERS	
Legal Status:	Private
Date Became Current:	20051010
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NEW ERA DRY CLEANERS	
Legal Status:	Private
Date Became Current:	20051010
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080101
Handler Name: 5 ASEC PLAZA DEL SOL	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20071024
Handler Name: 5 ASEC PLAZA DEL SOL	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

5 ASEC PLAZA DEL SOL (Continued) **1010567584**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53119
NAICS Description: Lessors Of Other Real Estate Property

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

5 ASEC PLAZA DEL SOL **FINDS** **1010706835**
AVE WEST MAIN LOCAL #2 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110032966477

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1010706835
Registry ID: 110032966477
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110032966477
Name: 5 ASEC PLAZA DEL SOL
Address: AVE WEST MAIN LOCAL #2
City,State,Zip: BAYAMON, PR 00961

CARIBBEAN PETROLEUM LP SS GULF 112 **RCRA NonGen / NLR** **1001229751**
AVE W MAIN ESQ N MAIN SIERRA **PRR000009498**
BAYAMON, PR 00961

RCRA Listings:
Date Form Received by Agency: 20080101
Handler Name: Caribbean Petroleum Lp Ss Gulf 112
Handler Address: Ave W Main Esq N Main Sierra
Handler City,State,Zip: BAYAMON, PR 00961
EPA ID: PRR000009498
Contact Name: JOSE ROSA ROSARIO
Contact Address: PO BOX 364049
Contact City,State,Zip: SAN JUAN, PR 00936-4049
Contact Telephone: 787-787-3150
Contact Fax: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 112 (Continued) **1001229751**

Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 364049
Mailing City,State,Zip:		SAN JUAN, PR 00936-4049
Owner Name:	Caribbean Petroleum Lp	
Owner Type:		Private
Operator Name:	Caribbean Petroleum Lp	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20091006
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 112 (Continued) **1001229751**

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3150
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3150
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3150
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	CARIBBEAN PETROLEUM LP SS GULF 112
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 112 (Continued) **1001229751**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: CARIBBEAN PETROLEUM LP SS GULF 112
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980818
Handler Name: CARIBBEAN PETROLEUM LP SS GULF 112
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 112 (Continued) **1001229751**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20010131
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CARIBBEAN PETROLEUM LP SS GULF 426 **RCRA NonGen / NLR** **1001216020**
AVE COMERIO STATE RD 167 & **PRR000007815**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Caribbean Petroleum Lp Ss Gulf 426
Handler Address:	Ave Comerio State Rd 167 &
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000007815
Contact Name:	Not reported
Contact Address:	PO BOX 364049
Contact City,State,Zip:	SAN JUAN, PR 00936-4049
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 426 (Continued) **1001216020**

State District:		Not reported
Mailing Address:		PO BOX 364049
Mailing City,State,Zip:		SAN JUAN, PR 00936-4049
Owner Name:	Caribbean Petroleum Lp	
Owner Type:		Private
Operator Name:	Caribbean Petroleum Lp	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20150414
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 426 (Continued) **1001216020**

Waste Description: Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARIBBEAN PETROLEUM LP
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 36404
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3015
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARIBBEAN PETROLEUM LP
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 36404
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3015
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARIBBEAN PETROLEUM LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 36404
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3015
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	CARIBBEAN PETROLEUM LP SS GULF 426
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	CARIBBEAN PETROLEUM LP SS GULF 426
Federal Waste Generator Description:	Not a generator, verified

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 426 (Continued) **1001216020**

State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: CARIBBEAN PETROLEUM LP SS GULF 426
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19971029
Handler Name: CARIBBEAN PETROLEUM LP SS GULF 426
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CARIBBEAN PETROLEUM LP SS GULF 426 **FINDS 1016239633**
AVE COMERIO STATE RD 167 & **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007820616

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 426 (Continued) **1016239633**

(RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016239633
Registry ID:	110007820616
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007820616
Name:	CARIBBEAN PETROLEUM LP SS GULF 426
Address:	AVE COMERIO STATE RD 167 &
City,State,Zip:	BAYAMON, PR 00961

PUERTO RICO NATIONAL CEMETERY **FINDS** **1010444019**
50 AVE CEMENTERIO NACIONAL **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110031437513

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PUERTO RICO NATIONAL CEMETERY **ECHO** **1026112114**
50 AVE CEMENTERIO NACIONAL **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1026112114
Registry ID:	110031437513
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031437513
Name:	PUERTO RICO NATIONAL CEMETERY
Address:	50 AVE CEMENTERIO NACIONAL
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
SAMS CLUB #6680 **1500 AVE COMERIO STE 1** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016049647** **N/A**

FINDS:
Registry ID: 110070755826

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
Registry ID: 110004895784

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016049647
Registry ID:	110004895784
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004895784
Name:	SAMS CLUB #6680
Address:	1500 AVE COMERIO STE 1
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
WALGREENS #11430 RIO HONDO **70 AVE RIO HONDO** **BAYAMON, PR 00961**	**RCRA-VSQG** **FINDS** **E MANIFEST**	**1023968987** **PRN008029381**

RCRA Listings:

Date Form Received by Agency:	20171115
Handler Name:	Walgreens #11430 Rio Hondo
Handler Address:	Ave Rio Hondo
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008029381
Contact Name:	JOSE CASTELLANO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	787-795-8437
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	GENERAL MANAGER
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	AVE RIO HONDO
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS #11430 RIO HONDO (Continued) **1023968987**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171115
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20171115
Handler Name:	WALGREENS #11430 RIO HONDO
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110070206851

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
WALGREENS #11430 RIO HONDO **70 AVE RIO HONDO** **BAYAMON, PR 00961**	**ECHO**	**1024037788** **N/A**

ECHO:

Envid:	1024037788
Registry ID:	110070206851
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070206851
Name:	WALGREENS #11430 RIO HONDO
Address:	70 AVE RIO HONDO
City,State,Zip:	BAYAMON, PR 00961

ESSO S/S CO-466 **AVE. COMER O ESQ. CARR. 801 RIO HONDO R O HONDO** **BAYAMON, PR 00961**	**UST**	**1001013324** **N/A**

UST:

Facility ID:	2-861165
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861165
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861165
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861165
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-861165
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861165
Tank Status:	Currently In Use
Substance Description:	Not reported

OFFICE DEPOT **1500 AVENIDA COMERIO STE 50** **BAYAMON, PR 00961**	**E MANIFEST**	**1031542190** **N/A**

INSULAR WIRE PRODUCTS CORP **ST B LOT 20TS CORP** **BAYAMON, PR 00961**	**HIST FTTS**	**1007282016** **N/A**

HIST FTTS INSP:

Inspection Number:	19980901KY008 1
Region:	04
Inspection Date:	Not reported
Inspector:	THOMAS CECILE
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	For Cause, Follow-Up

Site	Database(s)	EDR ID Number EPA ID Number

INSULAR WIRE PRODUCTS CORP (Continued) **1007282016**

Legislation Code: TSCA
Facility Function: User

INSULAR WIRE PRODUCTS CORP **FTTS** **1009516298**
ST B LOT 20TS CORP **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 19941020E2002 1
Region: 02
Inspection Date: 10/20/94
Inspector: A. LESCHINSKY, LS
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

HIST FTTS INSP:
Inspection Number: 19941020E2002 1
Region: 02
Inspection Date: Not reported
Inspector: A. LESCHINSKY, LS
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

STRUCTURAL STEEL MFG INC **RCRA NonGen / NLR** **1014401082**
RD B LOT 21 **PRN008022931**
BAYAMON, PR 00961

RCRA Listings:
Date Form Received by Agency: 20100914
Handler Name: Structural Steel Mfg Inc
Handler Address: Rd B Lot 21
Handler City,State,Zip: BAYAMON, PR 00961
EPA ID: PRN008022931
Contact Name: RAMIRO SANTANA
Contact Address: RD B LOT 21
Contact City,State,Zip: BAYAMON, PR 00961
Contact Telephone: 787-787-5405
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: 7877875405
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL MFG INC (Continued) **1014401082**

State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 2828
Mailing City,State,Zip:		BAYAMON, PR 00960-2828
Owner Name:	Structural Steel Mfg Inc	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20100915
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: STRUCTURAL STEEL MFG INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2828

STRUCTURAL STEEL MFG INC (Continued) **1014401082**

Owner/Operator City,State,Zip: BAYAMON, PR 00960-2828
Owner/Operator Telephone: 787-787-5405
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100914
Handler Name: STRUCTURAL STEEL MFG INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20101215
Actual Return to Compliance Date: 20110120
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110114
Enforcement Identifier: 001
Date of Enforcement Action: 20101215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EMFD
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL MFG INC (Continued) **1014401082**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20100820
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EMFD
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20110120
Scheduled Compliance Date:	20110114
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

STRUCTURAL STEEL MFG INC **FINDS 1014831105**
RD B LOT 21 **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110042422606

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1014831105
Registry ID:	110042422606
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110042422606
Name:	STRUCTURAL STEEL MFG INC
Address:	RD B LOT 21
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
STRUCTURAL STEEL WORKS INC **RD B LOT 21 LUCHETTI INDUSTRIAL PARK** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1004778842** **PRN008008500**

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Structural Steel Works Inc
Handler Address:	Rd B Lot 21 Luchetti Industrial Park
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008008500
Contact Name:	JUAN AGUAYO
Contact Address:	PO BOX 2828
Contact City,State,Zip:	BAYAMON, PR 00960-2828
Contact Telephone:	787-787-5405
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2828
Mailing City,State,Zip:	BAYAMON, PR 00960-2828
Owner Name:	Structural Steel Works Inc
Owner Type:	Private
Operator Name:	Structural Steel Works Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL WORKS INC (Continued) **1004778842**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STRUCTURAL STEEL WORKS INC
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2828
Owner/Operator City,State,Zip:	BAYAMON, PR 00960-2828
Owner/Operator Telephone:	787-787-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STRUCTURAL STEEL WORKS INC
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2828
Owner/Operator City,State,Zip:	BAYAMON, PR 00960-2828
Owner/Operator Telephone:	787-787-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STRUCTURAL STEEL WORKS INC
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2828
Owner/Operator City,State,Zip:	BAYAMON, PR 00960-2828
Owner/Operator Telephone:	787-787-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	STRUCTURAL STEEL WORKS INC
Federal Waste Generator Description:	Not a generator, verified

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL WORKS INC (Continued) **1004778842**

State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080101
Handler Name:	STRUCTURAL STEEL WORKS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20001011
Handler Name:	STRUCTURAL STEEL WORKS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL WORKS INC (Continued) **1004778842**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20000920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2MB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

STRUCTURAL STEEL WORKS INC **FINDS** **1016239033**
RD B LOT 21 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007814142

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Site	Database(s)	EDR ID Number EPA ID Number

STRUCTURAL STEEL WORKS INC (Continued) **1016239033**

Envid: 1016239033
Registry ID: 110007814142
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007814142
Name: STRUCTURAL STEEL WORKS INC
Address: RD B LOT 21 LUCHETTI INDUSTRIAL PARK
City,State,Zip: BAYAMON, PR 00961

ESSO S/S 13060 **UST** **U003430339**
BARBOSA ST. CORNER RD. #2 **N/A**
BAYAMON, PR 00961

UST:
Facility ID: 2-861287
Tank Status: Permanently Out of Use
Substance Description: Gasoline

Facility ID: 2-861287
Tank Status: Permanently Out of Use
Substance Description: Gasoline

DB ASPHALT & RECYCLING, LLC **ECHO** **1031363303**
BUCHANAN ROAD, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

ECHO:
Envid: 1031363303
Registry ID: 110071876300
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110071876300
Name: DB ASPHALT & RECYCLING, LLC
Address: BUCHANAN ROAD, LUCHETTI INDUSTRIAL PARK
City,State,Zip: BAYAMON, PR 00961

DB ASPHALT & RECYCLING, LLC **FINDS** **1031743360**
BUCHANAN ROAD, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071876300

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
INDUSTRIAL INVESTMENT, LLC **BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK** **JUAN S N, PR 00961**	**ECHO**	**1027636441** **N/A**

ECHO:

Envid:	1027636441
Registry ID:	110071401802
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071401802
Name:	INDUSTRIAL INVESTMENT, LLC
Address:	BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK
City,State,Zip:	JUAN S N, PR 00961

INDUSTRIAL INVESTMENT, LLC **BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK,** **BAYAMON, PR 00961**	**ECHO**	**1027717528** **N/A**

ECHO:

Envid:	1027717528
Registry ID:	110071409894
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071409894
Name:	INDUSTRIAL INVESTMENT, LLC
Address:	BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK,
City,State,Zip:	BAYAMON, PR 00961

INDUSTRIAL INVESTMENT, LLC **BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK,** **BAYAMON, PR 00961**	**FINDS**	**1028052309** **N/A**

FINDS:

Registry ID: 110071409894

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

INDUSTRIAL INVESTMENT, LLC **BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK** **JUAN S N, PR 00961**	**FINDS**	**1031020453** **N/A**

FINDS:

Registry ID: 110071401802

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will

Site	Database(s)	EDR ID Number EPA ID Number

INDUSTRIAL INVESTMENT, LLC (Continued) **1031020453**

likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

CALLE 28, KM 2.0
BAYAMON, PR 00961
ERNS **2015106390**
N/A

The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

CALLE 28, KM 2.0
BAYAMON, PR 00961
ERNS **2015109540**
N/A

The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

ARAMARK
135 CALLE SUITE 1, CORUJO
BAYAMON, PR 00961
E MANIFEST **1027986951**
N/A

BETTERECYCLING CORPORATION - BAYAM N
CALLE C LOTE 139 PARQUE INDUSTRIAL LUCHETTI
BAYAMON, PR 00961
ECHO **1022285325**
N/A

ECHO:

Envid:	1022285325
Registry ID:	110069561209
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069561209
Name:	BETTERECYCLING CORPORATION - BAYAM N
Address:	CALLE C LOTE 139 PARQUE INDUSTRIAL LUCHETTI
City,State,Zip:	BAYAMON, PR 00961

BETTERECYCLING CORPORATION - BAYAM N
CALLE C LOTE 139 PARQUE INDUSTRIAL LUCHETTI
BAYAMON, PR 00961
FINDS **1023540017**
N/A

FINDS:

Registry ID: 110069561209

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site	Database(s)	EDR ID Number EPA ID Number
BETTERECYCLING CORPORATION - BAYAM N (Continued)		**1023540017**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BETTEROADS ASPHALT PLT 3 **CALLE C LOTE 39 URB IND LUCHETTI** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016682248** **N/A**

FINDS:
Registry ID: 110010763628

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016682248

Site	Database(s)	EDR ID Number EPA ID Number

BETTEROADS ASPHALT PLT 3 (Continued) **1016682248**

Registry ID:	110010763628
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010763628
Name:	BETTEROADS ASPHALT PLT 3
Address:	CALLE C LOTE 39 URB IND LUCHETTI
City,State,Zip:	BAYAMON, PR 00961

E PACK **RCRA NonGen / NLR** **1014401076**
36 CALLE C EDIF **PRN008022683**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20100712
Handler Name:	E Pack
Handler Address:	Calle C Edif
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008022683
Contact Name:	CARLOS ESCRIBANO
Contact Address:	PO BOX 1788
Contact City,State,Zip:	SABANA SECA, PR 00952
Contact Telephone:	787-251-2200
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	OWNER
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1788
Mailing City,State,Zip:	SABANA SECA, PR 00952
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

Site	Database(s)	EDR ID Number EPA ID Number

E PACK (Continued) **1014401076**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100714
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20100712
Handler Name: E PACK	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

E PACK (Continued) **1014401076**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20100622
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: EJJL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

E PACK **FINDS** **1014831562**
36 CALLE C EDIF **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110042191525

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Site	Database(s)	EDR ID Number EPA ID Number

E PACK (Continued) **1014831562**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1014831562
Registry ID:	110042191525
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110042191525
Name:	E PACK
Address:	36 CALLE C EDIF
City,State,Zip:	BAYAMON, PR 00961

FARMACIAS PLAZA #3 **E MANIFEST** **1027824113**
CALLE BARBOSA #57 **N/A**
BAYAMON, PR 00961

HB FULLER COMPANY HBF PUERTO RICO **FINDS** **1016174999**
CALLE C NUMBER 26 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110000307668

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016174999
Registry ID:	110000307668
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000307668
Name:	HB FULLER COMPANY HBF PUERTO RICO
Address:	CALLE C NUMBER 26 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
HERMANOS CORPORACION **CALLE DR VEVE # 41** **BAYAMON, PR 00961**	**ICIS** **FINDS** **ECHO**	**1005657105** **N/A**

ICIS:

Enforcement Action ID:	02-2000-7920
FRS ID:	110010636071
Action Name:	HERMANOS CORPORACION
Facility Name:	HERMANOS CORPORACION
Facility Address:	CALLE DR VEVE # 41 BAYAMON, PR 00961
Enforcement Action Type:	RCRA 9006 Field Citation (UST)
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	9006FC
Facility SIC Code:	4231
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.399451
Longitude in Decimal Degrees:	-66.154649
Permit Type Desc:	Not reported
Program System Acronym:	31960
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	HERMANOS CORPORACION
Address:	CALLE DR VEVE # 41
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4231

FINDS:

Registry ID: 110010636071

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1005657105

Site	Database(s)	EDR ID Number EPA ID Number

HERMANOS CORPORACION (Continued) **1005657105**

Registry ID:	110010636071
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010636071
Name:	HERMANOS CORPORACION
Address:	CALLE DR VEVE # 41
City,State,Zip:	BAYAMON, PR 00961

INSULAR WIRE PRODUCTS CORP. **FINDS** **1015774012**
CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110000307873

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1015774012
Registry ID:	110000307873
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000307873
Name:	INSULAR WIRE PRODUCTS CORP.
Address:	CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
KINGDOM PACKING COMPANY INC **CALLE 3 LOTE 10 DEL PARQUE IND DE HATO TEJAS** **BAYAMON, PR 00961**	**FINDS**	**1024381909** **N/A**

FINDS:
Registry ID: 110070286168

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

LAUNDRY NACIONAL **CALLE 10 BLQ.L-1 URB.RIVERVIEW** **BAYAMON, PR 00961**	**ICIS**	**1006320005** **N/A**

ICIS:

Enforcement Action ID:	PR000A0000720210005000013
FRS ID:	110012592480
Action Name:	LAUNDRY NACIONAL 720210005000013
Facility Name:	LAUNDRY NACIONAL
Facility Address:	CALLE 10 BLQ.L-1 URB.RIVERVIEW BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.404583
Longitude in Decimal Degrees:	-66.167056
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100050
Facility NAICS Code:	812320
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210005000009
FRS ID:	110012592480
Action Name:	LAUNDRY NACIONAL 720210005000009
Facility Name:	LAUNDRY NACIONAL
Facility Address:	CALLE 10 BLQ.L-1 URB.RIVERVIEW BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.404583
Longitude in Decimal Degrees:	-66.167056
Permit Type Desc:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LAUNDRY NACIONAL (Continued) **1006320005**

Program System Acronym: PR0000007202100050
Facility NAICS Code: 812320
Tribal Land Code: Not reported

LAUNDRY NACIONAL **FINDS** **1016302862**
CALLE 10 BLQ.L-1 URB.RIVERVIEW **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110012592480

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016302862
Registry ID: 110012592480
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012592480
Name: LAUNDRY NACIONAL
Address: CALLE 10 BLQ.L-1 URB.RIVERVIEW
City,State,Zip: BAYAMON, PR 00961

MISTOLIN CARIBE INC **FINDS** **1008380137**
CALLE A LOT 28 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110022519666

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will

Site	Database(s)	EDR ID Number EPA ID Number

MISTOLIN CARIBE INC (Continued) **1008380137**

completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1008380137
Registry ID:	110022519666
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110022519666
Name:	MISTOLIN CARIBE INC
Address:	CALLE A LOT 28 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

MISTOLIN CARIBE INC **PFAS ECHO** **1027389344**
CALLE A LOT 28 LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

PUMA ENERGY CARIBE **FINDS** **1027559288**
CALLE LUCHETTI **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071326464

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT (CAA) EPA ESTABLISHES FUEL QUALITY STANDARDS TO HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT FROM HARMFUL GAS AND PARTICULATE MATTER EMISSIONS FROM MOTOR VEHICLES AND ENGINES. THE OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) HAS DEVELOPED THE REGISTRATION AND DC FUELS ONLINE APPLICATIONS IMPLEMENTED THROUGH EPA S CENTRAL DATA EXCHANGE (CDX) WHICH PROVIDES ONLINE APPLICATIONS TO ASSIST THE FUEL MANUFACTURING COMMUNITY WITH REGISTRATION AND COMPLIANCE WITH REPORTING REQUIREMENTS.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
SUN COLORS DIGITAL GRAPHICS **CALLE C LOT 36 LUCHETTI INDUSTRIAL PARK** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1014401101** **PRN008023343**

RCRA Listings:

Date Form Received by Agency:	20110114
Handler Name:	Sun Colors Digital Graphics
Handler Address:	Calle C Lot 36 Luchetti Industrial Park
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008023343
Contact Name:	CESAR RIVERA
Contact Address:	PO BOX 99
Contact City,State,Zip:	BAYAMON, PR 00960
Contact Telephone:	787-995-3900
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	PRESIDENT
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 99
Mailing City,State,Zip:	BAYAMON, PR 00960
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Site	Database(s)	EDR ID Number EPA ID Number

SUN COLORS DIGITAL GRAPHICS (Continued) **1014401101**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Historic Generators:

Receive Date:	20110114
Handler Name:	SUN COLORS DIGITAL GRAPHICS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SUN COLORS DIGITAL GRAPHICS (Continued) **1014401101**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SUN COLORS DIGITAL GRAPHICS (Continued) **1014401101**

Evaluation Action Summary:

Evaluation Date:	20120508
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20101108
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SUN COLORS DIGITAL GRAPHICS **FINDS** **1014831346**
CALLE C LOT 36 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:

Registry ID: 110043307711

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1014831346
Registry ID:	110043307711
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043307711
Name:	SUN COLORS DIGITAL GRAPHICS
Address:	CALLE C LOT 36 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

TO GO STORE # 34 **FINDS** **1017424134**
CALLE PERIFERAR **ECHO** **N/A**
URB. REXVILLE ESQ. SAN SEBASTI, PR 00961

FINDS:
Registry ID: 110063601632

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1017424134
Registry ID:	110063601632
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110063601632
Name:	TO GO STORE # 34
Address:	CALLE PERIFERAR
City,State,Zip:	URB. REXVILLE ESQ. SAN SEBASTIAN, PR 00961

VENTURE STEEL **FINDS** **1024393688**
284 CALLE BINDUSTRIAL LUCHETTI **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070306193

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
CARIBBEAN PETROLEUM LP - SS GULF 084 **CARR 2 KM 15.7 IND PARK CORUJO** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1001203539** **PRR000007138**

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Caribbean Petroleum Lp - Ss Gulf 084
Handler Address:		Carr 2 Km 15.7 Ind Park Corujo
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000007138
Contact Name:		Not reported
Contact Address:		PO BOX 364049
Contact City,State,Zip:		SAN JUAN, PR 00936-4049
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 364049
Mailing City,State,Zip:		SAN JUAN, PR 00936-4049
Owner Name:	Caribbean Petroleum Lp	
Owner Type:		Private
Operator Name:	Caribbean Petroleum Lp	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP - SS GULF 084 (Continued) **1001203539**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3015
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4049
Owner/Operator Telephone:	787-787-3015
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: CARIBBEAN PETROLEUM LP	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364049

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP - SS GULF 084 (Continued) **1001203539**

Owner/Operator City,State,Zip: SAN JUAN, PR 00936-4049
Owner/Operator Telephone: 787-787-3015
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: CARIBBEAN PETROLEUM LP - SS GULF 084
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CARIBBEAN PETROLEUM LP - SS GULF 084
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: CARIBBEAN PETROLEUM LP - SS GULF 084
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970822
Handler Name: CARIBBEAN PETROLEUM LP - SS GULF 084
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP - SS GULF 084 (Continued) **1001203539**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CARIBBEAN PETROLEUM REFINERY -FKA CPC **ICIS** **1018293597**
CARR 28 KM 2 URB IND LUCHETTI **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-2002-0005
FRS ID:	110008471956
Action Name:	Caribbean Petroleum Refining, LP
Facility Name:	CARIBBEAN PETROLEUM REFINERY -FKA CPC
Facility Address:	CARR 28 KM 2 URB IND LUCHETTI BAYAMON, PR 00961
Enforcement Action Type:	Bankruptcy
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	2911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.416587
Longitude in Decimal Degrees:	-66.133292
Permit Type Desc:	Not reported
Program System Acronym:	32112
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2911

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2911

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY -FKA CPC (Continued) **1018293597**

NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY -FKA CPC (Continued) **1018293597**

SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

CVS PHARMACY #4594 **RCRA NonGen / NLR** **1014401116**
CARR PR 2 & CALLE MORALES **E MANIFEST** **PRR000022590**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20240503
Handler Name:	Cvs Pharmacy #4594
Handler Address:	Carr Pr 2 & Calle Morales
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000022590
Contact Name:	NICOLE WILKINSON
Contact Address:	CVS DR MC2340
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title:	EXECUTIVE DIRECTOR CORP EHS
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CVS DR MC2340
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	Puerto Rico Cvs Pharmacy Llc
Owner Type:	Private
Operator Name:	Puerto Rico Cvs Pharmacy Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240503
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2023

Click Here for Biennial Reporting System Data:

Year: 2021

Click Here for Biennial Reporting System Data:

Year: 2019

Click Here for Biennial Reporting System Data:

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001

Waste Description: Ignitable Waste

Waste Code: D002

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: P001

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P008
Waste Description: 4-Aminopyridine (Or) 4-Pyridinamine

Waste Code: P012
Waste Description: Arsenic Oxide As2o3 (Or) Arsenic Trioxide

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: P081
Waste Description: 1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)

Waste Code: P108
Waste Description: Strychnidin-10-One, & Salts (Or) Strychnine, & Salts

Waste Code: P188
Waste Description: Benzoic Acid, 2-Hydroxy-, Compd. With (3as-Cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-Trimethylpyrrolo[2,3-B]Indol-5-Yl Methylcarbamate Ester (1:1) (Or) Physostigmine Salicylate

Waste Code: P204
Waste Description: Physostigmine (Or) Pyrrolo[2,3-B]Indol-5-Ol, 1,2,3,3a,8,8a-Hexahydro-1,3a,8-Trimethyl-Methylcarbamate (Ester), (3as-Cis)-

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U010
Waste Description: Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C

Waste Code: U031
Waste Description: 1-Butanol (I) (Or) N-Butyl Alcohol (I)

Waste Code: U034
Waste Description: Acetaldehyde, Trichloro- (Or) Chloral

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-,

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

2-Oxide (Or) Cyclophosphamide

Waste Code: U059
Waste Description: 5,12-Naphthacenedione, 8-Acetyl-10-[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxo-Hexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin

Waste Code: U070
Waste Description: Benzene, 1,2-Dichloro- (Or) O-Dichlorobenzene

Waste Code: U072
Waste Description: Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U144
Waste Description: Acetic Acid, Lead(2+) Salt (Or) Lead Acetate

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U151
Waste Description: Mercury

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U187
Waste Description: Acetamide, N-(4-Ethoxyphenyl)- (Or) Phenacetin

Waste Code: U188
Waste Description: Phenol

Waste Code: U197
Waste Description: 2,5-Cyclohexadiene-1,4-Dione (Or) P-Benzoquinone

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Waste Code: U204
Waste Description: Selenious Acid (Or) Selenium Dioxide

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Waste Code: U206
Waste Description: D-Glucose, 2-Deoxy-2-[[(Methylnitrosoamino)-Carbonyl]Amino]- (Or) Glucopyranose, 2-Deoxy-2-(3-Methyl-3-Nitrosoureido)-,D- (Or) Streptozotocin

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U236
Waste Description: 2,7-Naphthalenedisulfonic Acid,3,3'-[(3,3'-Dimethyl[1,1'-Biphenyl]-4,4'-Diyl)Bis(Azo)Bis[5-Amino -4-Hydroxy]-, Tetrasodium Salt (Or) Trypan Blue

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR MC2340
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR MC2340
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: CVS PHARMACY #4594
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR

CVS PHARMACY #4594 (Continued) **1014401116**

Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR MAIL DROP 23062A
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-216-0138
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DRIVE
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DRIVE
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CVS PHARMACY #4594 (Continued) **1014401116**

Owner/Operator Indicator: Owner
Owner/Operator Name: PUERTO RICO CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20100211
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140403
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160304
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20200226
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20180222
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220221
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240222
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240503
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20100316
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120515
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130313
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20211220
Handler Name: CVS PHARMACY #4594
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: Pharmacies And Drug Stores

NAICS Code: 446110
NAICS Description: Pharmacies And Drug Stores

NAICS Code: 45611
NAICS Description: Pharmacies And Drug Retailers

NAICS Code: 812922

Site	Database(s)	EDR ID Number EPA ID Number

CVS PHARMACY #4594 (Continued) **1014401116**

NAICS Description: One-Hour Photofinishing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CVS PHARMACY #4594 **FINDS 1016691361**
CARR 2 INT CALLE MORALES **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110046091359

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016691361
Registry ID: 110046091359
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110046091359
Name: CVS PHARMACY #4594
Address: CARR 2 INT CALLE MORALES
City,State,Zip: BAYAMON, PR 00961

ESSO STANDARD OIL CO - PR CO-105 **RCRA NonGen / NLR** **1001197888**
CARR 872 KM 0.9 URB TERESITA **PRR000006585**
BAYAMON, PR 00961

RCRA Listings:
Date Form Received by Agency: 20080101
Handler Name: Esso Standard Oil Co - Pr Co-105
Handler Address: Carr 872 Km 0.9 Urb Teresita
Handler City,State,Zip: BAYAMON, PR 00961
EPA ID: PRR000006585
Contact Name: Not reported
Contact Address: CARR 872 KM 0.9 URB TERESITA
Contact City,State,Zip: BAYAMON, PR 00961
Contact Telephone: Not reported
Contact Fax: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ESSO STANDARD OIL CO - PR CO-105 (Continued) **1001197888**

Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		CARR 872 KM 0.9 URB TERESITA
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Esso Standard Oil Co Pr	
Owner Type:		Private
Operator Name:	Esso Standard Oil Co Pr	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20150414
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

ESSO STANDARD OIL CO - PR CO-105 (Continued) **1001197888**

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESSO STANDARD OIL CO PR
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364269
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4269
Owner/Operator Telephone:	787-792-2920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESSO STANDARD OIL CO PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364269
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4269
Owner/Operator Telephone:	787-792-2920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESSO STANDARD OIL CO PR
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364269
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4269
Owner/Operator Telephone:	787-792-2920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	ESSO STANDARD OIL CO - PR CO-105
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Site	Database(s)	EDR ID Number EPA ID Number

ESSO STANDARD OIL CO - PR CO-105 (Continued) **1001197888**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ESSO STANDARD OIL CO - PR CO-105
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: ESSO STANDARD OIL CO - PR CO-105
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970429
Handler Name: ESSO STANDARD OIL CO - PR CO-105
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Site	Database(s)	EDR ID Number EPA ID Number

ESSO STANDARD OIL CO - PR CO-105 **FINDS** **1016202864**
CARR 872 KM 0.9 URB TERESITA **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110004893116

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016202864
Registry ID:	110004893116
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004893116
Name:	ESSO STANDARD OIL CO - PR CO-105
Address:	CARR 872 KM 0.9 URB TERESITA
City,State,Zip:	BAYAMON, PR 00961

ESTEBAN DAVILA **UST** **U003432230**
CARR 167 KM 19 **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-980131
Tank Status:	Permanently Out of Use
Substance Description:	Not Listed

HIGH POWER DIESEL **RCRA-SQG** **1011844299**
CARR #2 KM 13.8 BO HATO TEJAS **PRR000021832**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080901
Handler Name:	High Power Diesel
Handler Address:	Carr #2 Km 13.8 Bo Hato Tejas
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000021832
Contact Name:	IGNACIO MENDEZ
Contact Address:	PO BOX 2010
Contact City,State,Zip:	BAYAMON, PR 00961-2010
Contact Telephone:	787-787-9580
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

HIGH POWER DIESEL (Continued) **1011844299**

Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 2010
Mailing City,State,Zip:		BAYAMON, PR 00961-2010
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20150414
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018

HIGH POWER DIESEL (Continued) **1011844299**

Waste Description: Benzene

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichloroethylene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: IGNACIO MENDEZ	
Legal Status:	Private
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2010
Owner/Operator City,State,Zip:	BAYAMON, PR 00961-2010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HIGH POWER DIESEL	
Legal Status:	Private
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080901
Handler Name: HIGH POWER DIESEL	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080902
Handler Name: HIGH POWER DIESEL	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

HIGH POWER DIESEL (Continued) **1011844299**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: General Automotive Repair

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

HIGH POWER DIESEL (Continued) **1011844299**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20110929
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100526
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: EMFD
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site	Database(s)	EDR ID Number EPA ID Number
HIGH POWER DIESEL **CARR 2 KM 13.8 BO HATO TEJAS** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1011923979** **N/A**

FINDS:
Registry ID: 110037441578

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1011923979
Registry ID:	110037441578
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037441578
Name:	HIGH POWER DIESEL
Address:	CARR 2 KM 13.8 BO HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

LOSADA AUTO HEAVY PARTS **CARR 2 KM 15 5 AL LADO DE** **BAYAMON, PR 00961**	**RCRA-VSQG** **E MANIFEST**	**1000801123** **PRD987380961**

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Losada Auto Truck Inc
Handler Address:	Carr 2 Km 15.5 Al Lado De
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD987380961
Contact Name:	Not reported
Contact Address:	PO BOX 3158
Contact City,State,Zip:	BAYAMON, PR 00960
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3158
Mailing City,State,Zip:	BAYAMON, PR 00960
Owner Name:	Manuel Losada
Owner Type:	Private
Operator Name:	Manuel Losada
Operator Type:	Private
Short-Term Generator Activity:	No

Site	Database(s)	EDR ID Number EPA ID Number

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D039
Waste Description:	Tetrachloroethylene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MANUEL LOSADA	
Legal Status:	Private
Date Became Current:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3158
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	787-785-9125
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MANUEL LOSADA	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3158
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	787-785-9125
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: MANUEL LOSADA	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3158
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	787-785-9125
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: LOSADA AUTO TRUCK INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name: LOSADA AUTO TRUCK INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: LOSADA AUTO TRUCK INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920910
Handler Name: LOSADA AUTO TRUCK INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20100112
Actual Return to Compliance Date: 20100126
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100112
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20041117
Actual Return to Compliance Date: 20050712
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20041217
Enforcement Identifier: 001
Date of Enforcement Action: 20041117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20100112
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100126
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20040817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20050712
Scheduled Compliance Date: 20041217
Date of Request: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LOSADA AUTO HEAVY PARTS (Continued) **1000801123**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940927
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRCVF
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LOSADA AUTO TRUCK INC **FINDS** **1016202650**
CARR 2 KM 15.5 AL LADO DE **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110004890280

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016202650
Registry ID:	110004890280
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004890280
Name:	LOSADA AUTO TRUCK INC
Address:	CARR 2 KM 15.5 AL LADO DE
City,State,Zip:	BAYAMON, PR 00961

MISTOLIN CARIBE, INC. **SSTS** **1025440984**
CARR 167 KM 3.2 **N/A**
BAYAMON, PR 00961

SSTS:

Name:	MISTOLIN CARIBE, INC.
Address:	CARR 167 KM 3.2
City,State,Zip:	BAYAMON, PR 00961
Report Year:	Not reported
Registration Number:	92262-PR-1

Site	Database(s)	EDR ID Number EPA ID Number

MISTOLIN CARIBE, INC.
CARR 167 KM3.2
BAYAMON, PR 00961

FINDS **1025991605**
N/A

FINDS:
Registry ID: 110070604892

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Section Seven Tracking System (SSTS) tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PRAMAC DE PUERTO RICO
CARR 2 KM 15.8 HATO TEJAS
BAYAMON, PR 00961

FINDS **1016692531**
ECHO **N/A**

FINDS:
Registry ID: 110054908301

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016692531
Registry ID:	110054908301
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110054908301
Name:	PRAMAC DE PUERTO RICO
Address:	CARR 2 KM 15.8 HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

RESIDENCES **ECHO** **1025469178**
CARR PR 177 INTERSECCION AVENIDA NORTE **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1025469178
Registry ID:	110070544804
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070544804
Name:	RESIDENCES
Address:	CARR PR 177 INTERSECCION AVENIDA NORTE
City,State,Zip:	BAYAMON, PR 00961

RESIDENCES **FINDS** **1025809983**
CARR PR 177 INTERSECCION AVENIDA NORTE **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070544804

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

REVLON AT LUIS GARRATON LLC **RCRA-LQG** **1027533505**
CARR 28 URB INDUSTRIAL LUCHETTI **PRR000028522**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20240423
Handler Name:	Revlon At Luis Garraton Llc
Handler Address:	Carr 28 Urb Industrial Luchetti
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000028522
Contact Name:	BRIAN JEFFERS
Contact Address:	OVERMYER DR
Contact City,State,Zip:	JACKSONVILLE, FL 32254
Contact Telephone:	904-465-6795
Contact Fax:	Not reported
Contact Email:	BRIAN.JEFFERS@REVLON.COM
Contact Title:	SR MANAGER SH&E
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2023
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CARR 28 URB INDUSTRIAL LUCHETTI

REVLON AT LUIS GARRATON LLC (Continued) **1027533505**

Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Inmuebles Metropolitanos Inc
Owner Type:	Private
Operator Name:	Luis Garraton Llc (See Section 18)
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240424
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2023

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: U002

REVLON AT LUIS GARRATON LLC (Continued) **1027533505**

Waste Description: 2-Propanone (I) (Or) Acetone (I)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO STREET 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: OPINERO@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO STREET 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: OPINERO@LGIPR.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON LLC (SEE SECTION 18)
Legal Status: Private
Date Became Current: 20221220
Date Ended Current: Not reported
Owner/Operator Address: CARR 28 URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 954-364-3522
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DEBBIE.GOLDENBERG@REVLON.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON LLC (SEE SECTION 18)
Legal Status: Private
Date Became Current: 20221220
Date Ended Current: Not reported
Owner/Operator Address: CARR 28 URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 954-364-3522
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DEBBIE.GOLDENBERG@REVLON.COM

Historic Generators:

Receive Date: 20221220
Handler Name: REVLON AT LUIS GARRATON LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

REVLON AT LUIS GARRATON LLC (Continued) **1027533505**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240423
Handler Name: REVLON AT LUIS GARRATON LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 493190
NAICS Description: Other Warehousing And Storage

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

REVLON AT LUIS GARRATON LLC **ECHO** **1027603959**
CARR 28 URB INDUSTRIAL LUCHETTI **N/A**
BAYAMON, PR 00961

ECHO:
Envid: 1027603959
Registry ID: 110071381183
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110071381183
Name: REVLON AT LUIS GARRATON LLC
Address: CARR 28 URB INDUSTRIAL LUCHETTI
City,State,Zip: BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
REVLON AT LUIS GARRATON LLC **CARR 28 URB INDUSTRIAL LUCHETTI** **BAYAMON, PR 00961**	**FINDS**	**1027658003** **N/A**

FINDS:
Registry ID: 110071381183

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

SC JOHNSON-LUIS GARRATON INC. **CARR 28, AVE CENTRAL JUANITA** **BAYAMON, PR 00961**	**RCRA NonGen / NLR** **E MANIFEST**	**1016976187** **PRR000024976**

RCRA Listings:

Date Form Received by Agency:		20240229
Handler Name:		Sc Johnson Products Distribution Center At Luis Garraton Inc
Handler Address:		Carr 28 Avenida Central Juanita Final
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000024976
Contact Name:		JULIO E BOSCH
Contact Address:		RESOLUCION ST DORAL BANK PLZ STE 702
Contact City,State,Zip:		SAN JUAN, PR 00920-2707
Contact Telephone:		787-525-3328
Contact Fax:		Not reported
Contact Email:		JBOSCH2@SCJ.COM
Contact Title:		COUNTRY MANAGER
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		2023
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RESOLUCION ST DORAL BANK PLZ STE 702
Mailing City,State,Zip:		SAN JUAN, PR 00920-2707
Owner Name:	Inmuebles Metropolitanos Inc	
Owner Type:		Private
Operator Name:	Luis Garraton Inc Logistics	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240424
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2023

Click Here for Biennial Reporting System Data:

Year: 2021

Click Here for Biennial Reporting System Data:

Year: 2019

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS GARRATON INC LOGISTICS
Legal Status:	Private
Date Became Current:	20130703
Date Ended Current:	Not reported
Owner/Operator Address:	28 AVE CENTRAL JUANITA FINAL URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-788-6100
Owner/Operator Telephone Ext:	434
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JMELENDEZ@LGIPR.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS GARRATON INC LOGISTICS
Legal Status:	Private
Date Became Current:	20130703
Date Ended Current:	Not reported
Owner/Operator Address:	28 AVE CENTRAL JUANITA FINAL URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-788-6100
Owner/Operator Telephone Ext:	434
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JMELENDEZ@LGIPR.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INMUEBLES METROPOLITANOS INC
Legal Status:	Private
Date Became Current:	19800601
Date Ended Current:	Not reported
Owner/Operator Address:	8 TERRAZAS DE TINTILLO ST 1
Owner/Operator City,State,Zip:	GUAYNABO, PR 00966-2686
Owner/Operator Telephone:	787-529-3287
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS GARRATON INC LOGISTICS
Legal Status:	Private
Date Became Current:	20130703
Date Ended Current:	Not reported
Owner/Operator Address:	28 AVE CENTRAL JUANITA FINAL URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-788-6100
Owner/Operator Telephone Ext:	434
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JMELENDEZ@LGIPR.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS GARRATON INC LOGISTICS SEE ITEM 13
Legal Status:	Private
Date Became Current:	20130703
Date Ended Current:	Not reported
Owner/Operator Address:	28 AVE. CENTRAL JUANITA FINAL URB. INDUSTRIAL LUCHETT
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-788-6100

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: JMELENDEZ@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO STREET 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO STREET 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO ST 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO STREET 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-783-2686
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Owner/Operator Address: 8 TERRAZAS DE TINTILLO ST 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON INC LOGISTICS
Legal Status: Private
Date Became Current: 20130703
Date Ended Current: Not reported
Owner/Operator Address: 28 AVE CENTRAL JUANITA FINAL URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: JMELENDEZ@LGIPR.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON INC LOGISTICS SEE ITEM 13
Legal Status: Private
Date Became Current: 20130703
Date Ended Current: Not reported
Owner/Operator Address: 28 AVE. CENTRAL JUANITA FINAL URB. INDUSTRIAL LUCHETT
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: JMELENDEZ@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO ST 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON INC LOGISTICS SEE ITEM 13
Legal Status: Private
Date Became Current: 20130703
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LUIS GARRATON INC LOGISTICS

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Legal Status: Private
Date Became Current: 20130703
Date Ended Current: Not reported
Owner/Operator Address: 28 AVE CENTRAL JUANITA FINAL URB INDUSTRIAL LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-788-6100
Owner/Operator Telephone Ext: 434
Owner/Operator Fax: Not reported
Owner/Operator Email: JMELENDEZ@LGIPR.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: INMUEBLES METROPOLITANOS INC
Legal Status: Private
Date Became Current: 19800601
Date Ended Current: Not reported
Owner/Operator Address: 8 TERRAZAS DE TINTILLO ST 1
Owner/Operator City,State,Zip: GUAYNABO, PR 00966-2686
Owner/Operator Telephone: 787-529-3287
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AGARCIA@MONTECLARO.EDU

Historic Generators:
Receive Date: 20200326
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220228
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240229
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200730
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20140708
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210621
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210702
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Site	Database(s)	EDR ID Number EPA ID Number

SC JOHNSON-LUIS GARRATON INC. (Continued) **1016976187**

Receive Date: 20220120
Handler Name: SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 493110
NAICS Description: General Warehousing And Storage

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

TO GO STORE - BAYAMON **FINDS 1017423970**
CARR 2, KM 12.1, IND. CORREA **ECHO N/A**
BAYMAON, PR 00961

FINDS:
Registry ID: 110063599976

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1017423970
Registry ID: 110063599976
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110063599976

Site	Database(s)	EDR ID Number EPA ID Number

TO GO STORE - BAYAMON (Continued) **1017423970**

Name:	TO GO STORE - BAYAMON
Address:	CARR 2, KM 12.1, IND. CORREA
City,State,Zip:	BAYMAON, PR 00961

WALGREENS 059 **RCRA NonGen / NLR** **1001113913**
CARR 2 BAYAMON OESTG SHOP CTR **PRR000003244**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Walgreens 059
Handler Address:		Carr 2 Bayamon Oestg Shop Ctr
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000003244
Contact Name:		Not reported
Contact Address:		RD 17 30
Contact City,State,Zip:		BAYAMON, PR 00961
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RD 17 30
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Walgreens	
Owner Type:		Private
Operator Name:	Walgreens	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 059 (Continued) **1001113913**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D011
Waste Description:	Silver

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: WALGREENS	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	RD 17 30
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-798-6240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: WALGREENS	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	RD 17 30
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-798-6240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WALGREENS	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	RD 17 30
Owner/Operator City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 059 (Continued) **1001113913**

Owner/Operator Telephone: 787-798-6240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: WALGREENS 059
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WALGREENS 059
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: WALGREENS 059
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960606
Handler Name: WALGREENS 059
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 059 (Continued) **1001113913**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

WALGREENS 059 **FINDS** **1016202811**
CARR 2 BAYAMON OESTG SHOP CTR **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110004892439

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016202811
Registry ID:	110004892439
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004892439
Name:	WALGREENS 059
Address:	CARR 2 BAYAMON OESTG SHOP CTR
City,State,Zip:	BAYAMON, PR 00961

BAYAMON TECH OPERATIONS OFFICE **PADS** **1005481386**
CARR. 174, ESQ. LAUREL **PRW100000017**
LOMAS VERDES, PR 00961

PADS:

Name:	BAYAMON TECH OPERATIONS OFFICE
Address:	CARR. 174, ESQ. LAUREL
Address 2:	Not reported
City,State,Zip:	LOMAS VERDES, PR 00961
EDR ID:	1005481386
EPAID:	PRW100000017
Region:	02
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON TECH OPERATIONS OFFICE (Continued) **1005481386**

Mailing Address:	PO BOX 364267
Mailing Address 2:	Not reported
Mailing City:	SAN JUAN
Mailing State:	PR
Mailing Zip:	00936-4267
Mailing Country:	US
Owner Name:	PR ELECTRIC POWER AUTHORITY
Certification Date:	09/30/1999
Contact Name:	CARLOS NIEVES
Contact Title:	Not reported
Contact Telephone:	787-786-3840
Contact Text:	Not reported
Contact Email:	Not reported

ESSO S/S CO-105 **UST** **U003430247**
CARR. # 812 KM. 0.9 URB SANTA TERESITA RIO PLANTAT **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-861164
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-861164
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-861164
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861164
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861164
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861164
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861164
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861164
Tank Status:	Currently In Use
Substance Description:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
RON EL BARRILITO DISTILLERY **CARR. 5, KM 1.6** **BAYAMON, PR 00961**	**FINDS**	**1014908340** **N/A**

FINDS:
Registry ID: 110044227431

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

TOA BAJA LANDFILL **CARR. PR-866, BO. CANDELARIA, KM. 1.5** **TOA BAJA, PR 00961**	**FINDS** **ECHO**	**1027124010** **N/A**

FINDS:
Registry ID: 110071161064

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE ELECTRONIC GREENHOUSE GAS REPORTING TOOL (E-GGRT) IS ACCESSIBLE THROUGH AN EPA WEB PAGE AND USED TO SUBMIT ANNUAL REPORTS IN SUPPORT OF THE EPA RULE FOR MANDATORY REPORTING OF GREENHOUSE GASES (GHG) FROM LARGE GHG EMISSIONS SOURCES. IMPLEMENTATION OF 40 CFR PART 98 IS REFERRED TO AS THE GREENHOUSE GAS REPORTING PROGRAM (GHGRP). THIS COMPREHENSIVE, NATIONWIDE EMISSIONS DATA WILL PROVIDE A BETTER UNDERSTANDING OF THE SOURCES OF GHGS AND WILL GUIDE DEVELOPMENT OF THE POLICIES AND PROGRAMS TO REDUCE EMISSIONS. THE PUBLICALLY AVAILABLE DATA WILL ALLOW REPORTERS TO TRACK THEIR OWN EMISSIONS, COMPARE THEM TO SIMILAR FACILITIES, AND AID IN IDENTIFYING COST EFFECTIVE OPPORTUNITIES TO REDUCE EMISSIONS IN THE FUTURE.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1027124010
Registry ID:	110071161064
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071161064
Name:	TOA BAJA LANDFILL
Address:	CARR. PR-866, BO. CANDELARIA, KM. 1.5
City,State,Zip:	TOA BAJA, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
TOA BAJA LANDFILL **CARR. PR-866, BO. CANDELARIA, KM. 1.5** **TOA BAJA, PR 00961**	**PFAS ECHO**	**1027429622** **N/A**

CARIBBEAN PETROLEUM CORP DRUM REMOVAL — **FINDS** — **1027032489**
CARR.#28 KM.2 URBAN INDUSTRIAL LUCHETTI — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071100018

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

CVS PHARMACY #4594 — **FINDS** — **1026422588**
CARR.PR-2 INT. CALLE MORALES — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070745298

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

CONDADO WINDOW HURRICANE PROTECTION — **FINDS** — **1024379669**
CARRETERA 871 SECTOR VOLCAN — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070283478

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

Site	Database(s)	EDR ID Number EPA ID Number

CONDADO WINDOW HURRICANE PROTECTION (Continued) **1024379669**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PRAMAC DE PUERTO RICO **ICIS** **1018311343**
CARRETERA NO. 2, KM 15.8 HATO TEJAS **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	EF-2013-7292
FRS ID:	110054908301
Action Name:	Pramac de Puerto Rico
Facility Name:	PRAMAC DE PUERTO RICO
Facility Address:	CARRETERA NO. 2, KM 15.8 HATO TEJAS BAYAMON, PR 00961
Enforcement Action Type:	CAA 205 Action For Mobile/Title II
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	205
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.409912
Longitude in Decimal Degrees:	-66.177621
Permit Type Desc:	Not reported
Program System Acronym:	3400009201
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

TJ MAXX **E MANIFEST** **1027874089**
CARRETERA 167 LOCAL 1 Y 2 **N/A**
BAYAMON, PR 00961

FAUSTINO SANTIAGO MONTALV0 **FTTS** **1010149689**
CENTRAL MAIN COLECTORA AVE, CAPARRA URB **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	2005110100025 1
Region:	02
Inspection Date:	11/01/05
Inspector:	L. SAN MIGUEL
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	For Cause, Follow-Up
Legislation Code:	TSCA
Facility Function:	User

Site	Database(s)	EDR ID Number EPA ID Number
TECNICENTROS MUNDIAL INC. **CENTRO COMERCIAL BAYAMON OESTE** **BAYAMON, PR 00961**	**UST**	**U003432042** **N/A**

UST:

Facility ID:	2-960027
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil

PEST CONTROL SUPPLIES, INC **COMUIO AVE 2A-16 RIVERVIEW** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1005776920** **N/A**

FTTS INSP:

Inspection Number:	2000092714684 1
Region:	02
Inspection Date:	09/27/00
Inspector:	L. LUGO
Violation occurred:	No
Investigation Type:	Use General Non-Agriculture
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	FIFRA
Facility Function:	Distributor

HIST FTTS INSP:

Inspection Number:	2000092714684 1
Region:	02
Inspection Date:	Not reported
Inspector:	L. LUGO
Violation occurred:	No
Investigation Type:	Use General Non-Agriculture
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	FIFRA
Facility Function:	Distributor

PEST CONTROL SUPPLIES, INC **COMUIO AVE 2A-16 RIVERVIEW** **BAYAMON, PR 00961**	**FINDS**	**1016300300** **N/A**

FINDS:

Registry ID:	110011939643

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
CORNER OF HIGHWAY 165 AND GUAYNABO, PR 00961	**ERNS**	**94268168 N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ISLAND CAN CARRIBEAN INC PR-28 CORNER PR-05 LUCHETTI IND US TRIAL PARK BAYAMON, PR 00961	**TRIS**	**1016146200 00621SLNDCLUCHE**

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	00621SLNDCLUCHE
Form Type:	Form R
Reporting year:	2023
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	ENVIRONMENTAL AFFAIRS DIRECTOR LUIS NAZARIO
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2024-06-27
Name:	Island Can Carribean Inc
Address:	PR-28 CORNER PR-05 LUCHETTI IND US TRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	Island Can Carribean Inc
Mailing street:	CALL BOX 60-1467
Mailing province:	Not reported
Mailing City,State,Zip:	BAYAMON, PR 00960
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	ENG. LUIS A. NAZARIO
Public contact phone and Ext:	7876224900 2178
Public contact email:	LNAZARIO@GOYAPR.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	332431
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	18.412117
Longitude:	-66.143666
D and B number A:	090083387
D and B number B:	Not reported
RCRA number A:	Not reported
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	Not reported
Parent company D and B number:	Not reported
Standardized parent company name:	NA
Document control number:	1323222035331
TRI ID:	00621SLNDCLUCHE
Cas number:	0000108101
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	02
Fugitive air emissions - total release pounds:	2198
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	2198
Fugitive air emissions - basis of estimate:	Mass Balance Calculations
Stack air emissions - release pounds:	35
Stack air emissions - release range code:	Not reported
Total stack air emissions:	35
Stack air emissions - basis of estimate:	Mass Balance Calculations
Total air emissions:	2233
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	2233
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	1099
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	1099
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	1099
Total POTW transfer:	0
Energy recovery on site current year:	1749
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	1749
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110000580470
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	108-10-1
Mixture Name:	NA
Carcinogen Ind:	YES
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0000108101
Document control number:	1323222035331
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Island Can Carribean Inc
Submitted Street:	PR-28 CORNER PR-05 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332431
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1988
Number of forms submitted:	2
Total number of forms submitted:	79 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000108101
Document control number:	1323222035331
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	2301.3
Other on-site releases - current year:	2233
Other on-site releases - following year:	3947
Other on-site releases - 2nd-following year:	3947
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	1749
Energy recovery on site following year:	3947
Energy recovery on site 2nd-following year:	3947
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND CAN CARRIBEAN INC (Continued)		**1016146200**

Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	1099
Quantity treated off site following year:	1099
Quantity treated off site 2nd-following year:	1099
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.85
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000108101
Document control number:	1323222035331
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND CAN CARRIBEAN INC (Continued)		**1016146200**

Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	0000108101
Document control number:	1323222035331
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Offsite RCRA id nr:	PRD090399718
Offsite transfer sequence number:	1
Offsite name:	Safety Kleen Envirosystems Co Of Pr Inc
Offsite street address:	KM 51.2 STATE RD 2
Offsite City,State,Zip:	MANATI, PR 00674
Offsite county:	MANATI MUNICIPIO
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite solid/stab treatment m40 non-metal BOE:	0
Offsite incineration/insignificant fuel value m54 LBS:	1099
Offsite incineration/insignificant fuel value m54 BOE:	Mass Balance Calculations
Total amount transferred offsite for treatment:	1099
FRS ID - Transfer Location:	110000744507
CAS Number:	108-10-1

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Additional Information Miscellaneous and Optional:

Cas number:	0000108101
Document control number:	1323222035331
Chemical name:	Methyl isobutyl ketone
Classification:	TRI
Comment sequence:	831508
Comment type description:	Production or Activity Variable
Comment text:	The Variable Used To Calculate The Production Ratio Is The Total Number Of Metal Cans & Lids Manufactured Per Year.

TRI ID:	00621SLNDCLUCHE
Cas number:	0007440508
Chemical name:	Copper
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	05
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	NA
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	0
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	291996
Off-site - recycling - other reuse or recovery:	0

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	291996
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	291996
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110000580470
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	7440-50-8
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	NO
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0007440508
Document control number:	1323222034427
Chemical name: Copper	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Island Can Carribean Inc
Submitted Street:	PR-28 CORNER PR-05 LUCHETTI IND US TRIAL PARK
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332431
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1988
Number of forms submitted:	2
Total number of forms submitted:	79 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0007440508
Document control number:	1323222034427
Chemical name: Copper	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	952828
Quantity recycled off site current year:	291996
Quantity recycled off site following year:	291996
Quantity recycled off site 2nd-following year:	291996
Quantity treated on site prior year:	0
Quantity treated on site current year:	0

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND CAN CARRIBEAN INC (Continued)		**1016146200**

Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.85
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:		0007440508
Document control number:		1323222034427
Chemical name:	Copper	
Classification:		TRI
Unit of measure:		Pounds
Stream 1 - waste stream code:		NA
Stream 1 - trtmt method - sequence 1:		Not reported
Stream 1 - trtmt method - sequence 2:		Not reported
Stream 1 - trtmt method - sequence 3:		Not reported
Stream 1 - trtmt method - sequence 4:		Not reported
Stream 1 - trtmt method - sequence 5:		Not reported
Stream 1 - trtmt method - sequence 6:		Not reported
Stream 1 - trtmt method - sequence 7:		Not reported
Stream 1 - trtmt method - sequence 8:		Not reported
Stream 1 - based on operating data:		Not reported
Stream 2 - waste stream code:		Not reported
Stream 2 - trtmt method - sequence 1:		Not reported
Stream 2 - trtmt method - sequence 2:		Not reported
Stream 2 - trtmt method - sequence 3:		Not reported
Stream 2 - trtmt method - sequence 4:		Not reported
Stream 2 - trtmt method - sequence 5:		Not reported
Stream 2 - trtmt method - sequence 6:		Not reported
Stream 2 - trtmt method - sequence 7:		Not reported
Stream 2 - trtmt method - sequence 8:		Not reported
Stream 2 - based on operating data:		Not reported
Stream 3 - waste stream code:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:		0007440508
Document control number:		1323222034427
Chemical name:	Copper	
Classification:		TRI
Offsite RCRA id nr:		NA
Offsite transfer sequence number:		1
Offsite name:		Tecnofil
Offsite street address:		ISIDRO BONAFIZ 471
Offsite City,State,Zip:		LIMA 15311
Offsite county:		Not reported
Offsite province:		SAN MARTIN DE PORRES
Offsite country id:		PE
Offsite control:		NO
Unit of measure:		Pounds
Total amount transferred offsite for disposal:		0
Offsite metals recovery m24 LBS:		174545
Offsite metals recovery m24 BOE:		Mass Balance Calculations
Total amount transferred offsite for recycling:		174545
Total amount transferred offsite for energy recovery:		0
Offsite solid/stab treatment m40 non-metal BOE:		0
Total amount transferred offsite for treatment:		0
FRS ID - Transfer Location:		Not reported
CAS Number:		7440-50-8
Offsite RCRA id nr:		NA
Offsite transfer sequence number:		2

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND CAN CARRIBEAN INC (Continued) **1016146200**

Offsite name:	Metimo Gmbh
Offsite street address:	FABRIKSTRASSE 23
Offsite City,State,Zip:	BERSHEIM 64625
Offsite county:	Not reported
Offsite province:	BERSHEIM
Offsite country id:	GM
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Offsite metals recovery m24 LBS:	117451
Offsite metals recovery m24 BOE:	Mass Balance Calculations
Total amount transferred offsite for recycling:	117451
Total amount transferred offsite for energy recovery:	0
Offsite solid/stab treatment m40 non-metal BOE:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	Not reported
CAS Number:	7440-50-8

Additional Information Miscellaneous and Optional:

Cas number:	0007440508
Document control number:	1323222034427
Chemical name:	Copper
Classification:	TRI
Comment sequence:	831507
Comment type description:	Production or Activity Variable
Comment text:	The Variable Used To Calculate The Production Ratio Is The Total Number Of Metal Cans & Lids Manufactured Per Year.

ISLAND LITHO CORP. **TRIS** **1016146199**
PR-28 CORNER PR-05 LUCHETTI **00619SLNDLST167**
BAYAMON, PR 00961

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	00619SLNDLST167
Form Type:	Form R
Reporting year:	2023
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	ENVIRONMENTAL AFFAIRS DIRECTOR LUIS NAZARIO
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2024-06-27
Name:	Island Litho Corp.
Address:	PR-28 CORNER PR-05 LUCHETTI
City,State,Zip:	BAYAMON, PR 00961
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	Island Litho Corp.
Mailing street:	CALL BOX 60-1467
Mailing province:	Not reported
Mailing City,State,Zip:	BAYAMON, PR 00960
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	ENG. LUIS A. NAZARIO

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Public contact phone and Ext:	7876224900 2178
Public contact email:	LNAZARIO@GOYAPR.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	332812
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	18.412467
Longitude:	-66.143242
D and B number A:	090083387
D and B number B:	Not reported
RCRA number A:	PRD090466996
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	Not reported
Parent company D and B number:	Not reported
Standardized parent company name:	NA
Document control number:	1323222023830
TRI ID:	00619SLNDLST167
Cas number:	0000095636
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	1024.81
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	1024.81
Fugitive air emissions - basis of estimate:	Mass Balance Calculations
Stack air emissions - release pounds:	1004.32
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1004.32
Stack air emissions - basis of estimate:	Mass Balance Calculations
Total air emissions:	2029.13
Discharges to stream a - stream name:	NA

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	2029.13
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	51241
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	51241
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110007805973
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	95-63-6
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	NO
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0000095636
Document control number:	1323222023830
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Island Litho Corp.
Submitted Street:	PR-28 CORNER PR-05 LUCHETTI
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332812
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1990
Number of forms submitted:	3
Total number of forms submitted:	110 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000095636
Document control number:	1323222023830
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	2385.82
Other on-site releases - current year:	2029.13
Other on-site releases - following year:	2029.13

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Other on-site releases - 2nd-following year:	2029.13
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	51241
Energy recovery on site following year:	51241
Energy recovery on site 2nd-following year:	51241
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.86
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND LITHO CORP. (Continued)		**1016146199**

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000095636
Document control number:	1323222023830
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Additional Information Miscellaneous and Optional:

Cas number:	0000095636
Document control number:	1323222023830
Chemical name:	1,2,4-Trimethylbenzene
Classification:	TRI
Comment sequence:	830321
Comment type description:	Production or Activity Variable
Comment text:	The Variable Used To Calculate The Production Ratio Is The Total Number Of Metal Sheets Coated Per Year.

TRI ID:	00619SLNDLST167
Cas number:	0001330207
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	219.53
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	219.53
Fugitive air emissions - basis of estimate:	Mass Balance Calculations
Stack air emissions - release pounds:	215.14
Stack air emissions - release range code:	Not reported
Total stack air emissions:	215.14
Stack air emissions - basis of estimate:	Mass Balance Calculations
Total air emissions:	434.67
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	434.67
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	10976
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	10976
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110007805973
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	1330-20-7
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0001330207
Document control number:	1323222023855
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Island Litho Corp.
Submitted Street:	PR-28 CORNER PR-05 LUCHETTI
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND LITHO CORP. (Continued)		**1016146199**

Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332812
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1990
Number of forms submitted:	3
Total number of forms submitted:	110 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0001330207
Document control number:	1323222023855
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	494.96
Other on-site releases - current year:	434.67
Other on-site releases - following year:	434.67
Other on-site releases - 2nd-following year:	434.67
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	10976
Energy recovery on site following year:	10542
Energy recovery on site 2nd-following year:	10542
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND LITHO CORP. (Continued)		**1016146199**

Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.86
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0001330207
Document control number:	1323222023855
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:	0001330207
Document control number:	1323222023855
Chemical name:	Xylene (mixed isomers)
Classification:	TRI
Comment sequence:	830323
Comment type description:	Production or Activity Variable
Comment text:	The Variable Used To Calculate The Production Ratio Is The Total Number Of Metal Sheets Coated Per Year.

TRI ID:	00619SLNDLST167
Cas number:	0000071363
Chemical name:	n-Butyl alcohol
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	635.9
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	635.9
Fugitive air emissions - basis of estimate:	Mass Balance Calculations
Stack air emissions - release pounds:	623.18
Stack air emissions - release range code:	Not reported
Total stack air emissions:	623.18

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Stack air emissions - basis of estimate:	Mass Balance Calculations
Total air emissions:	1259.08
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	1259.08
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	31795
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	31795
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110007805973
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	71-36-3
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	NO
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0000071363
Document control number:	1323222023842
Chemical name: n-Butyl alcohol	
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Island Litho Corp.
Submitted Street:	PR-28 CORNER PR-05 LUCHETTI
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332812
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1990
Number of forms submitted:	3
Total number of forms submitted:	110 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000071363
Document control number:	1323222023842
Chemical name:	n-Butyl alcohol
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Other on-site releases - prior year:	1517.61
Other on-site releases - current year:	1259.08
Other on-site releases - following year:	1259.08
Other on-site releases - 2nd-following year:	1259.08
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	31795
Energy recovery on site following year:	31795
Energy recovery on site 2nd-following year:	31795
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.86
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
ISLAND LITHO CORP. (Continued)		**1016146199**

4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000071363
Document control number:	1323222023842
Chemical name:	n-Butyl alcohol
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ISLAND LITHO CORP. (Continued) **1016146199**

Stream 5 - trtmt method - sequence 8: Not reported
Stream 5 - based on operating data: Not reported

Additional Information Miscellaneous and Optional:
Cas number: 0000071363
Document control number: 1323222023842
Chemical name: n-Butyl alcohol
Classification: TRI
Comment sequence: 830322
Comment type description: Production or Activity Variable
Comment text: The Variable Used To Calculate The Production Ratio Is The Total Number Of Metal Sheets Coated Per Year.

BANFIELD HOSPITAL # 2161 **E MANIFEST** **1027787945**
DE DIEGO EXPRSSWAY & COMERIO A **N/A**
BAYAMON, PR 00961

A J OSTER CARIBE **FINDS** **1016682604**
EDIF 18 URB INDUSTRIAL CORUJO HATO TEJAS **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110011754663

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

KEM MANUFACTURING CORP **FINDS** **1016681134**
EDIF 26 URB INDUSTRIAL CORUJO HATO TEJAS **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007805759

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016681134

Site	Database(s)	EDR ID Number EPA ID Number

KEM MANUFACTURING CORP (Continued) **1016681134**

Registry ID:	110007805759
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007805759
Name:	KEM MANUFACTURING CORP
Address:	EDIF 26 URB INDUSTRIAL CORUJO HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

KEM MANUFACTURING CORP **PFAS ECHO** **1027375269**
EDIF 26 URB INDUSTRIAL CORUJO HATO TEJAS **N/A**
BAYAMON, PR 00961

PAN AMERICAN GRAIN COMPANY **FINDS** **1016690006**
EDIF 19 URB INDUSTRIAL CORUJO **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110045502005

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
CEDRI is a web application used by EPA programs and various stakeholders to manage environmental data transmitted to EPA in order to meet EPA's reporting requirements.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016690006
Registry ID:	110045502005
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045502005
Name:	PAN AMERICAN GRAIN COMPANY
Address:	EDIF 19 URB INDUSTRIAL CORUJO
City,State,Zip:	BAYAMON, PR 00961

PET IMAGING CORPORATION **MLTS** **1008984934**
EDIFICIO ARTURO CADILLA, SUITE 7(F) **N/A**
BAYAMON, PR 00961

MLTS:

Contact Name:	Juan Bernal
Contact Phone:	787-269-2442
Institution Code:	31094
Dock Number:	3037043
License Number:	52-31094-01
Lic. Expiration Date:	2031-03-31 00:00:00

Site	Database(s)	EDR ID Number EPA ID Number

PET IMAGING CORPORATION (Continued) **1008984934**

Licensee:	PET IMAGING CORPORATION
Licensee Line 2:	Not reported
License Contact Street 1:	EDIFICIO ARTURO CADILLA, SUITE 7(F)
License Contact Street 2:	Paseo San Pablo #100
License Contact Street 3:	Not reported
License Contact City:	BAYAMON
License Contact State:	PR
License Contact Zip:	00961
License Date:	2023-03-22 00:00:00
First License Date:	2005-12-27 00:00:00
Status:	Active
Agency Code:	NRC
Authorized States:	Not reported
Authorized for Burial:	N
Approved for Storage Flag:	N
Approved for Redistrib Flag:	N
Approved for Incineration:	N
Last Inspection Date:	2023-09-26 00:00:00
Date of Nest Inspection:	2028-09-26 00:00:00
Primary RSO Full Name:	Maria Palacios
Inspection Status:	Draft

PREPA - BAYAMON TECHNICAL OPERATIONS OFFICE **FINDS** **1022262002**
PR-174 ESQ AVE LAUREL **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110043192210

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1022262002
Registry ID:	110043192210
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043192210
Name:	PREPA - BAYAMON TECHNICAL OPERATIONS OFFICE
Address:	PR-174 ESQ AVE LAUREL
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
BANFIELD PET HOSPITAL #2161 **EXPO DE DIEGO & AVE COMERIO** **BAYAMON, PR 00961**	**RCRA-VSQG** **E MANIFEST**	**1018281871** **PRR000025726**

RCRA Listings:

Date Form Received by Agency:	20160603
Handler Name:	Banfield Pet Hospital #2161
Handler Address:	Expo De Diego & Ave Comerio
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000025726
Contact Name:	SEAN AKERS
Contact Address:	PO BOX 13998
Contact City,State,Zip:	PORTLAND, OR 97213
Contact Telephone:	503-922-5217
Contact Fax:	503-922-6217
Contact Email:	SEAN.AKERS@BANFIELD.NET
Contact Title:	REGULATORY COMPLIANCE SPECIALIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 13998
Mailing City,State,Zip:	PORTLAND, OR 97213
Owner Name:	Medical Management International Inc
Owner Type:	Private
Operator Name:	Banfield Pet Hospital
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Site	Database(s)	EDR ID Number EPA ID Number

BANFIELD PET HOSPITAL #2161 (Continued) **1018281871**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160804
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MEDICAL MANAGEMENT INTERNATIONAL INC	
Legal Status:	Private
Date Became Current:	20110221
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 13998
Owner/Operator City,State,Zip:	PORTLAND, OR 97213
Owner/Operator Telephone:	503-922-5217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BANFIELD PET HOSPITAL	
Legal Status:	Private
Date Became Current:	20110221
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160603
Handler Name: BANFIELD PET HOSPITAL #2161	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

Site	Database(s)	EDR ID Number EPA ID Number

BANFIELD PET HOSPITAL #2161 (Continued) **1018281871**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541940
NAICS Description: Veterinary Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

BANFIELD PET HOSPITAL #2161 **FINDS** **1018376504**
EXPO DE DIEGO & AVE COMERIO **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110069288050

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:
Envid: 1018376504
Registry ID: 110069288050
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069288050
Name: BANFIELD PET HOSPITAL #2161
Address: EXPO DE DIEGO & AVE COMERIO
City,State,Zip: BAYAMON, PR 00961

ERNS **98460818**
HB FULLER CO PUERTA RICO **N/A**
BAYAMON, PR 00961

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number

EMPRESAS LAUSELL **UST** **U003429490**
HWAY PR #02 KM 14.1 HATO TEJAS **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Not Listed
Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Diesel
Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860160
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

PLATT METAL **RCRA NonGen / NLR** **1004778843**
30 B IND LUCHETTI **FINDS** **PRN008008658**
BAYAMON, PR 00961 **ECHO**

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Platt Metal
Handler Address:	B Industrial Luchetti
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008008658
Contact Name:	CHRISTOPHER WAGNER
Contact Address:	B IND LUCHETTI
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-740-5000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	B INDUSTRIAL LUCHETTI
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Unk
Owner Type:	Private
Operator Name:	Unk

Site	Database(s)	EDR ID Number EPA ID Number

PLATT METAL (Continued) **1004778843**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: UNK	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	30 B IND LUCHETTI
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-740-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

Site	Database(s)	EDR ID Number EPA ID Number

PLATT METAL (Continued) **1004778843**

Owner/Operator Name: UNK
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 30 B IND LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-740-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNK
Legal Status: Private
Date Became Current: 17760101
Date Ended Current: Not reported
Owner/Operator Address: 30 B IND LUCHETTI
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-740-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: PLATT METAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: PLATT METAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20001026
Handler Name: PLATT METAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Site	Database(s)	EDR ID Number EPA ID Number

PLATT METAL (Continued) **1004778843**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20000920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2MB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PLATT METAL (Continued) **1004778843**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004890538

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1004778843
Registry ID:	110004890538
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004890538
Name:	PLATT METAL
Address:	30 B IND LUCHETTI
City,State,Zip:	BAYAMON, PR 00961

PR SUPPLIES, INC **FINDS** **1016296907**
IND ANTONIO LUCHETTI **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110011756331

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
AJM MEAT PACKING_INC. **ST3 IND.PARK CORUJO HT** **BAYAMON, PR 00961**	**ICIS**	**1019913284** **N/A**

ICIS:

Enforcement Action ID:	PR000A0000720210021400021
FRS ID:	110011777988
Action Name:	AJM MEAT PACKING_INC. 720210021400021
Facility Name:	AJM MEAT PACKING_INC.
Facility Address:	ST3 IND.PARK CORUJO HT BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	2011
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100214
Facility NAICS Code:	311611
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210021400019
FRS ID:	110011777988
Action Name:	AJM MEAT PACKING_INC. 720210021400019
Facility Name:	AJM MEAT PACKING_INC.
Facility Address:	ST3 IND.PARK CORUJO HT BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	2011
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100214
Facility NAICS Code:	311611
Tribal Land Code:	Not reported

Enforcement Action ID:	PR000A0000720210021400010
FRS ID:	110011777988
Action Name:	AJM MEAT PACKING_INC. 720210021400010
Facility Name:	AJM MEAT PACKING_INC.
Facility Address:	ST3 IND.PARK CORUJO HT BAYAMON, PR 00961
Enforcement Action Type:	Notice of Violation
Facility County:	BAYAMON
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	2011
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

AJM MEAT PACKING_INC. (Continued) **1019913284**

Longitude in Decimal Degrees: Not reported
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100214
Facility NAICS Code: 311611
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210021400008
FRS ID: 110011777988
Action Name: AJM MEAT PACKING_INC. 720210021400008
Facility Name: AJM MEAT PACKING_INC.
Facility Address: ST3 IND.PARK CORUJO HT
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 2011
Federal Facility ID: Not reported
Latitude in Decimal Degrees: Not reported
Longitude in Decimal Degrees: Not reported
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100214
Facility NAICS Code: 311611
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210021400006
FRS ID: 110011777988
Action Name: AJM MEAT PACKING_INC. 720210021400006
Facility Name: AJM MEAT PACKING_INC.
Facility Address: ST3 IND.PARK CORUJO HT
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 2011
Federal Facility ID: Not reported
Latitude in Decimal Degrees: Not reported
Longitude in Decimal Degrees: Not reported
Permit Type Desc: Not reported
Program System Acronym: PR0000007202100214
Facility NAICS Code: 311611
Tribal Land Code: Not reported

Enforcement Action ID: PR000A0000720210021400005
FRS ID: 110011777988
Action Name: AJM MEAT PACKING_INC. 720210021400005
Facility Name: AJM MEAT PACKING_INC.
Facility Address: ST3 IND.PARK CORUJO HT
BAYAMON, PR 00961
Enforcement Action Type: Notice of Violation
Facility County: BAYAMON
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

Site	Database(s)	EDR ID Number EPA ID Number

AJM MEAT PACKING_INC. (Continued) **1019913284**

Facility SIC Code:	2011
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	Not reported
Longitude in Decimal Degrees:	Not reported
Permit Type Desc:	Not reported
Program System Acronym:	PR0000007202100214
Facility NAICS Code:	311611
Tribal Land Code:	Not reported

CARIBE METALLURGICAL **TRIS** **1007445569**
INDUSTRIAL LUCHETTI LOT 15 **00960CRBMTBAYAM**
BAYAMON, PR 00961

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	00960CRBMTBAYAM
Form Type:	Form R
Reporting year:	2023
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	ENVIRONMENTAL ENGINEER RANDY JUNKINS
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2024-05-10
Name:	Caribe Metallurgical
Address:	INDUSTRIAL LUCHETTI LOT 15
City,State,Zip:	BAYAMON, PR 00961
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	Caribe Metallurgical
Mailing street:	PO BOX 1126
Mailing province:	Not reported
Mailing City,State,Zip:	BAYAMON, PR 00960
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	CLAY BRADDOCK
Public contact phone and Ext:	7877871919
Public contact email:	CBRADDOCK@BRADDOCKMT.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	332811
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	18.41716
Longitude:	-66.139498
D and B number A:	Not reported
D and B number B:	Not reported
RCRA number A:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

RCRA number B:		Not reported
RCRA number C:		Not reported
RCRA number D:		Not reported
RCRA number E:		Not reported
RCRA number F:		Not reported
RCRA number G:		Not reported
RCRA number H:		Not reported
NPDES number A:		Not reported
NPDES number B:		Not reported
NPDES number C:		Not reported
NPDES number D:		Not reported
NPDES number E:		Not reported
NPDES number F:		Not reported
NPDES number G:		Not reported
Parent company name:		Not reported
Parent company D and B number:		Not reported
Standardized parent company name:		NA
Document control number:		1323221576248
TRI ID:		00960CRBMTBAYAM
Cas number:		0000067561
Chemical name:	Methanol	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		03
Fugitive air emissions - total release pounds:		698
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		698
Fugitive air emissions - basis of estimate:		Mass Balance Calculations
Stack air emissions - release pounds:		NA
Stack air emissions - release range code:		Not reported
Total stack air emissions:		0
Stack air emissions - basis of estimate:		Not reported
Total air emissions:		698
Discharges to stream a - stream name:		NA
Total discharges to stream a:		0
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	698
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110011541199
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	67-56-1
Mixture Name:	NA
Carcinogen Ind:	NO
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	0000067561
Document control number:	1323221576248

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Chemical name:	Methanol	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		No
P101 feedstocks:		No
P102 raw materials:		No
P103 intermediates:		No
P104 initiators:		No
P199 other:		No
Added as a formulation component:		No
P201 additives:		No
P202 dyes:		No
P203 reaction diluents:		No
P204 initiators:		No
P205 solvents:		No
P206 inhibitors:		No
P207 emulsifiers:		No
P208 surfactants:		No
P209 lubricants:		No
P210 flame retardants:		No
P211 rheological modifiers:		No
P299 other:		No
Used as an article component:		No
Repackaging:		No
As a process impurity:		No
Processed / recycling:		No
Used as a chemical processing aid:		No
Z101 process solvents:		No
Z102 catalysts:		No
Z103 inhibitors:		No
Z104 initiators:		No
Z105 reaction terminators:		No
Z106 solution buffers:		No
Z199 other:		No
Used as a manufacturing aid:		No
Z201 process lubricants:		No
Z202 metalworking fluids:		No
Z203 coolants:		No
Z204 refrigerants:		No
Z205 hydraulic fluids:		No
Z299 other:		No
Ancillary or other use:		Yes
Z301 cleaner:		No
Z302 degreaser:		No
Z303 lubricant:		No
Z304 fuel:		No
Z305 flame retardant:		No
Z306 waste treatment:		No
Z307 water treatment:		No
Z308 construction materials:		No
Z399 other:		Yes

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Certifying Officials Signature:	ELECTRONIC
Submitted Facility Name:	Caribe Metallurgical
Submitted Street:	INDUSTRIAL LUCHETTI LOT 15
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	332811
Submitted Industry Code:	332
Submitted Industry Name:	Fabricated Metals
Industry Code:	332
Industry Name:	Fabricated Metals
Last year the facility reported:	2023
First year the facility reported:	1987
Number of forms submitted:	1
Total number of forms submitted:	36 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	0000067561
Document control number:	1323221576248
Chemical name: Methanol	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	697
Other on-site releases - current year:	698
Other on-site releases - following year:	698
Other on-site releases - 2nd-following year:	698
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:		0000067561
Document control number:		1323221576248
Chemical name:	Methanol	
Classification:		TRI
Unit of measure:		Pounds
Stream 1 - waste stream code:		NA
Stream 1 - trtmt method - sequence 1:		Not reported
Stream 1 - trtmt method - sequence 2:		Not reported
Stream 1 - trtmt method - sequence 3:		Not reported
Stream 1 - trtmt method - sequence 4:		Not reported
Stream 1 - trtmt method - sequence 5:		Not reported
Stream 1 - trtmt method - sequence 6:		Not reported
Stream 1 - trtmt method - sequence 7:		Not reported
Stream 1 - trtmt method - sequence 8:		Not reported
Stream 1 - based on operating data:		Not reported
Stream 2 - waste stream code:		Not reported
Stream 2 - trtmt method - sequence 1:		Not reported
Stream 2 - trtmt method - sequence 2:		Not reported
Stream 2 - trtmt method - sequence 3:		Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBE METALLURGICAL (Continued) **1007445569**

Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:		0000067561
Document control number:		1323221576248
Chemical name:	Methanol	
Classification:		TRI
Comment sequence:		781091
Comment type description:		Highly volatile organic compound or an acid aerosol released to air - PE
Comment text:		Error Reviewed / No Comment.

Site	Database(s)	EDR ID Number EPA ID Number
CARIBE METALLURGICAL **INDUSTRIAL LUCHETTI, LOT 15** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016459102** **N/A**

FINDS:
Registry ID: 110011541199

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016459102
Registry ID:	110011541199
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110011541199
Name:	CARIBE METALLURGICAL
Address:	INDUSTRIAL LUCHETTI, LOT 15
City,State,Zip:	BAYAMON, PR 00961

DANA TRANSPORT **195 INDUSTRIAL LUCHETTI CARRETERA 5** **BAYAMON, PR 00961**	**RCRA-LQG** **E MANIFEST**	**1010331600** **PRR000018259**

RCRA Listings:

Date Form Received by Agency:	20240409
Handler Name:	Dana Transport
Handler Address:	Industrial Luchetti Carretera 5
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000018259
Contact Name:	DAVID P LACAVERA
Contact Address:	INDUSTRIAL LUCHETTI CARETERA 5
Contact City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961-7420
Contact Telephone:	939-488-1845

Site	Database(s)	EDR ID Number / EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Contact Fax:		787-787-2512
Contact Email:		DLACAVERA@DANACOMPANIES.COM
Contact Title:		ASSISTANT TO THE ENVIRONMENTAL MANAGER
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2023
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 10995
Mailing City,State,Zip:		CAPARRA HEIGHTS, PR 00922-0995
Owner Name:	Ronald Dana	
Owner Type:		Private
Operator Name:	David P Lacavera	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		Not reported
Groundwater Controls Indicator:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240411
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

DANA TRANSPORT (Continued) **1010331600**

Sub-Part P Indicator: No

Biennial: List of Years
Year: 2023

Click Here for Biennial Reporting System Data:
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of

DANA TRANSPORT (Continued) **1010331600**

One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U404
Waste Description: U404

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAME
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVENUE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 800-733-3262
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DANA TRANSPORT
Legal Status: Private
Date Became Current: 19990102
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID P LACAVERA

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Legal Status:	Private
Date Became Current:	19960201
Date Ended Current:	Not reported
Owner/Operator Address:	195 INDUSTRIAL LUCHETTI CARETERA 5
Owner/Operator City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961-7420
Owner/Operator Telephone:	939-488-1845
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	787-787-2512
Owner/Operator Email:	DLACAVERA@DANACOMPANIES.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: RONALD DANA	
Legal Status:	Private
Date Became Current:	19960201
Date Ended Current:	Not reported
Owner/Operator Address:	210 ESSEX AVE EAST
Owner/Operator City,State,Zip:	AVENEL, NJ
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DAVID P LACAVERA	
Legal Status:	Private
Date Became Current:	19960201
Date Ended Current:	Not reported
Owner/Operator Address:	195 INDUSTRIAL LUCHETTI CARETERA 5
Owner/Operator City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961-7420
Owner/Operator Telephone:	939-488-1845
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	787-787-2512
Owner/Operator Email:	DLACAVERA@DANACOMPANIES.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: DANA TRANSPORT	
Legal Status:	Private
Date Became Current:	19990102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: RONALD DANA	
Legal Status:	Private
Date Became Current:	19960201
Date Ended Current:	Not reported
Owner/Operator Address:	210 ESSEX AVE EAST
Owner/Operator City,State,Zip:	AVENEL, NJ 07001
Owner/Operator Telephone:	732-750-9100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RONDANA@DANACOMPANIES.COM

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID P LACAVERA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 195 INDUSTRIAL LUCHETTI CARETERA 5
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961-7420
Owner/Operator Telephone: 939-488-1845
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 787-787-2512
Owner/Operator Email: DLACAVERA@DANACOMPANIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 732-750-9100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: RONDANA@DANACOMPANIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 180-073-3326
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 732-750-9100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: RONDANA@DANACOMPANIES.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID P LACAVERA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 195 INDUSTRIAL LUCHETTI CARETERA 5
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961-7420
Owner/Operator Telephone: 939-488-1845
Owner/Operator Telephone Ext: Not reported

DANA TRANSPORT (Continued) **1010331600**

Owner/Operator Fax: 787-787-2512
Owner/Operator Email: DLACAVERA@DANACOMPANIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVENUE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 800-733-3262
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVE EAST
Owner/Operator City,State,Zip: AVENEL, NJ 07001
Owner/Operator Telephone: 732-750-9100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: RONDANA@DANACOMPANIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RONALD DANA
Legal Status: Private
Date Became Current: 19960201
Date Ended Current: Not reported
Owner/Operator Address: 210 ESSEX AVE EAST
Owner/Operator City,State,Zip: AVENEL, NJ
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20121010
Handler Name: DANA TRANSPORT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140327
Handler Name: DANA TRANSPORT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160519
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20200226
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20180206
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20220119
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20240409
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20060315
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080305
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060316
Handler Name: DANA TRANSPORT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080306

DANA TRANSPORT (Continued) **1010331600**

Handler Name: DANA TRANSPORT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42386
NAICS Description: Transportation Equipment And Supplies (Except Motor Vehicle) Merchant Wholesalers

NAICS Code: 562998
NAICS Description: All Other Miscellaneous Waste Management Services

Has the Facility Received Notices of Violations:
Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Preparedness, Prevention, and Emergency Procedures
Date Violation was Determined: 20200304
Actual Return to Compliance Date: 20200720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20090710
Actual Return to Compliance Date: 20110519
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100928
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-2010-7112
Enforcement Attorney: HV
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2JAS
Enforcement Responsible Sub-Organization: CEPD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 54175
Final Monetary Amount: Not reported
Paid Amount: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20090710
Actual Return to Compliance Date:	20110519
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100928
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-2010-7112
Enforcement Attorney:	HV
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2JAS
Enforcement Responsible Sub-Organization:	CEPD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	54175
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20090710
Actual Return to Compliance Date:	20110519
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20110519
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-2010-7112
Enforcement Attorney:	R2HE
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date:	20110519
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	R2JAS
Enforcement Responsible Sub-Organization:	CEPD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	14000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	14000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20090710
Actual Return to Compliance Date:	20110519
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20110519
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-2010-7112
Enforcement Attorney:	R2HE
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20110519
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	R2JAS
Enforcement Responsible Sub-Organization:	CEPD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	14000
Paid Amount:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Final Count:	1
Final Amount:	14000
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20090710
Actual Return to Compliance Date:	20110519
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100928
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-2010-7112
Enforcement Attorney:	HV
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2JAS
Enforcement Responsible Sub-Organization:	CEPD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	54175
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20090710
Actual Return to Compliance Date:	20110519
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20110519
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-2010-7112
Enforcement Attorney:	R2HE
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

DANA TRANSPORT (Continued) **1010331600**

Disposition Status Date: 20110519
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: R2JAS
Enforcement Responsible Sub-Organization: CEPD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 14000
Paid Amount: Not reported
Final Count: 1
Final Amount: 14000

Evaluation Action Summary:
Evaluation Date: 20250123
Evaluation Responsible Agency: EPA
Found Violation: Undetermined
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2KV
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200304
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2RC
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: 20200720
Scheduled Compliance Date: Not reported
Date of Request: 20200507
Date Response Received: 20200720
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200304
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2RC
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: 20200720
Scheduled Compliance Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200304
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20200720
Scheduled Compliance Date:	Not reported
Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200304
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20200720
Scheduled Compliance Date:	Not reported
Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200304
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20200720
Scheduled Compliance Date:	Not reported
Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200304
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20200720
Scheduled Compliance Date:	Not reported
Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Evaluation Date:	20200304
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2RC
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20200720
Scheduled Compliance Date:	Not reported
Date of Request:	20200507
Date Response Received:	20200720
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161220
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2ERG
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120330
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	LAR
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20110519
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090809
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2JAS

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT (Continued) **1010331600**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090710
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2JAS
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20110519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DANA TRANSPORT **FINDS** **1026424624**
195 INDUSTRIAL LUCHETTI CARETERA 5 **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070751494

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
CAPECO **PR-28 KM 2.0** **BAYAMON, PR 00961**	**FINDS**	**1009599046** **N/A**

FINDS:
Registry ID: 110032881503

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

CARIBBEAN PETROLEUM LP SS GULF 402 **PR-2 KM 14.5 BO HATO TEJAS** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016994586** **N/A**

FINDS:
Registry ID: 110043713158

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM LP SS GULF 402 (Continued) **1016994586**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016994586
Registry ID:	110043713158
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043713158
Name:	CARIBBEAN PETROLEUM LP SS GULF 402
Address:	PR-2 KM 14.5 BO HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

INTERNATIONAL PAPER **FINDS** **1016685375**
PR-2 KM 15.2 URB INDUSTRIAL CORUJO **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110022295345

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PRASA LUCHETTI EJECTOR PUMP STA BAYAMON 0023728 **FINDS** **1016458816**
PR-167 KM 26.4 LUCHETTI DEVELOPMENT **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110010624333

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Site	Database(s)	EDR ID Number EPA ID Number

PRASA LUCHETTI EJECTOR PUMP STA BAYAMON 0023728 (Continued) **1016458816**

Envid: 1016458816
Registry ID: 110010624333
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110010624333
Name: PRASA LUCHETTI EJECTOR PUMP STA BAYAMON 0023728
Address: PR-167 KM 26.4 LUCHETTI DEVELOPMENT
City,State,Zip: BAYAMON, PR 00961

PUERTO RICO CONTAINERS **FINDS** **1016682902**
PR-2 KM 15.2 URB INDUSTRIAL CORUJO HATO TEJAS **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110013797640

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016682902
Registry ID: 110013797640
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110013797640
Name: PUERTO RICO CONTAINERS
Address: PR-2 KM 15.2 URB INDUSTRIAL CORUJO HATO TEJAS
City,State,Zip: BAYAMON, PR 00961

RIO PLANTATION S/S **UST** **U003431253**
RD.872 KM 1.4 RIO PLANTATION **N/A**
BAYAMON, PR 00961

UST:
Facility ID: 2-900021
Tank Status: Currently in Use
Substance Description: Not reported

Facility ID: 2-900021
Tank Status: Currently in Use
Substance Description: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNION CAMP PUERTO RICO **FTTS** **1004591701**
PR2 KM 15.2 CORUIO INDUSTRIAL PARK **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	199702040001 1
Region:	02
Inspection Date:	02/04/97
Inspector:	F. CANABAL, EM
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	199702040001 1
Region:	02
Inspection Date:	Not reported
Inspector:	F. CANABAL, EM
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

UNION CAMP PUERTO RICO **FINDS** **1016300155**
PR2 KM 15.2 CORUIO INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

FINDS:

Registry ID: 110011934078

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

NUEVO ALMACEN CORUJO **ECHO** **1027231810**
PR-864 KM. 0.2 **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1027231810
Registry ID:	110071252696
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071252696
Name:	NUEVO ALMACEN CORUJO
Address:	PR-864 KM. 0.2
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

NUEVO ALMACEN CORUJO **FINDS** **1027273120**
PR-864 KM. 0.2 **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071252696

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BURLINGTON **E MANIFEST** **1027805511**
1504 LAS AMERICAS EXPRESSWAY **N/A**
CAGUAS, PR 00961

ARTURO SOMOHANO **FTTS** **1010149593**
LOS PIRINEOS ST, VILLA ESPANA URB **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	2005110300025 2
Region:	02
Inspection Date:	11/03/05
Inspector:	L. SAN MIGUEL
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	For Cause, Follow-Up
Legislation Code:	TSCA
Facility Function:	User

ERNS **2005748733**
LOT 29, LUCHETTI INDUST. **N/A**
BAYAMON, PR 00961

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
C LOT #39 INDUSTRIAL LUCHETTI **BAYAMON, PR 00961**	**ERNS**	**2014102395** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

LOT 29, LUCHETTI INDUST. **BAYAMON, PR 00961**	**ERNS**	**99508994** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

DANOSA - BAYAMON **LOT 29 LUCHETTI INDUSTRIAL PARK C STREET** **BAYAMON, PR 00961**	**ECHO**	**1027618607** **N/A**

ECHO:

Envid:	1027618607
Registry ID:	110071370379
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071370379
Name:	DANOSA - BAYAMON
Address:	LOT 29 LUCHETTI INDUSTRIAL PARK C STREET
City,State,Zip:	BAYAMON, PR 00961

DANOSA - BAYAMON **LOT 29 LUCHETTI INDUSTRIAL PARK C STREET** **BAYAMON, PR 00961**	**FINDS**	**1027650737** **N/A**

FINDS:

Registry ID: 110071370379

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECOLAB MANUFACTURING INC **PR-28 LOT 13-A IND LUCHETTI** **BAYAMON, PR 00961**	**RCRA-LQG** **FINDS** **ECHO** **E MANIFEST**	**1017788918** **PRR000025072**

RCRA Listings:

Date Form Received by Agency:	20240418
Handler Name:	Ecolab Manufacturing Inc
Handler Address:	Lote 13-A Urb Luchetti Bayamon
Handler City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961
EPA ID:	PRR000025072

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Contact Name:		IDELISSE PEREZ
Contact Address:		LOTE 13-A URB LUCHETTI BAYAMON
Contact City,State,Zip:		INDUSTRIAL LUCHETTI, PR 00961
Contact Telephone:		787-796-1290 x6855
Contact Fax:		787-522-1127
Contact Email:		IDELISSE.PEREZ@ECOLAB.COM
Contact Title:		SHE SPECIALIST II
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2023
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		LOTE 13-A URB LUCHETTI BAYAMON
Mailing City,State,Zip:		INDUSTRIAL LUCHETTI, PR 00961
Owner Name:	John J. Redondo Hatta	
Owner Type:		Private
Operator Name:	Idelisse Perez	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		Yes
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240418
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		Yes

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2023

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D012
Waste Description: Endrin (1,2,3,4,10,10-Hexachloro-1,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-1,4-Endo, Endo-5,8-Dimeth-Ano-Naphthalene)

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D014
Waste Description: Methoxychlor (1,1,1-Trichloro-2,2-Bis [P-Methoxyphenyl] Ethane)

Waste Code: D015
Waste Description: Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)

Waste Code: D018
Waste Description: Benzene

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Waste Code: D019
Waste Description: Carbon Tetrachloride

Waste Code: D020
Waste Description: Chlordane

Waste Code: D022
Waste Description: Chloroform

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichloroethylene

Waste Code: P004
Waste Description: 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-Hexa-Chloro-1,4,4a,5,8,8a,-Hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)- (Or) Aldrin

Waste Code: P007
Waste Description: 3(2h)-Isoxazolone, 5-(Aminomethyl)- (Or) 5-(Aminomethyl)-3-Isoxazolol

Waste Code: P008
Waste Description: 4-Aminopyridine (Or) 4-Pyridinamine

Waste Code: P018
Waste Description: Brucine (Or) Strychnidin-10-One, 2,3-Dimethoxy-

Waste Code: P024
Waste Description: Benzenamine, 4-Chloro- (Or) P-Chloraniline

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P044
Waste Description: Dimethoate (Or) Phosphorodithioic Acid, O,O-Dimethyl S-[2-(Methylamino)-2-Oxoethyl] Ester

Waste Code: P046
Waste Description: Alpha,Alpha-Dimethylphenethylamine (Or) Benzeneethanamine, Alpha, Alpha-Dimethyl-

Waste Code: P077
Waste Description: Benzenamine, 4-Nitro- (Or) P-Nitroaniline

Waste Code: P084

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Waste Description: N-Nitrosomethylvinylamine (Or) Vinylamine, N-Methyl-N-Nitroso-

Waste Code: P108
Waste Description: Strychnidin-10-One, & Salts (Or) Strychnine, & Salts

Waste Code: P123
Waste Description: Toxaphene

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U008
Waste Description: 2-Propenoic Acid (I) (Or) Acrylic Acid (I)

Waste Code: U019
Waste Description: Benzene (I,T)

Waste Code: U029
Waste Description: Methane, Bromo- (Or) Methyl Bromide

Waste Code: U036
Waste Description: 4,7-Methano-1h-Indene, 1,2,4,5,6,7,8,8-Octachloro-2,3,3a,4,7,7a-Hexahydro- (Or) Chlordane, Alpha & Gamma Isomers

Waste Code: U037
Waste Description: Benzene, Chloro- (Or) Chlorobenzene

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U045
Waste Description: Methane, Chloro- (I,T) (Or) Methyl Chloride (I,T)

Waste Code: U052
Waste Description: Cresol (Cresylic Acid) (Or) Phenol, Methyl-

Waste Code: U057
Waste Description: Cyclohexanone (I)

Waste Code: U061
Waste Description: Benzene, 1,1'-(2,2,2-Trichloroethylidene)Bis[4-Chloro- (Or) Ddt

Waste Code: U069
Waste Description: 1,2-Benzenedicarboxylic Acid, Dibutyl Ester (Or) Dibutyl Phthalate

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U102
Waste Description: 1,2-Benzenedicarboxylic Acid, Dimethyl Ester (Or) Dimethyl Phthalate

Waste Code: U108
Waste Description: 1,4-Diethyleneoxide (Or) 1,4-Dioxane

Waste Code: U110
Waste Description: 1-Propanimine, N-Propyl-(I) (Or) Dipropylamine (I)

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U123
Waste Description: Formic Acid (C,T)

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U134
Waste Description: Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)

Waste Code: U147
Waste Description: 2,5-Furandione (Or) Maleic Anhydride

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U161
Waste Description: 4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U190
Waste Description: 1,3-Isobenzofurandione (Or) Phthalic Anhydride

Waste Code: U194
Waste Description: 1-Propanamine (I,T) (Or) N-Propylamine (I,T)

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U211
Waste Description: Carbon Tetrachloride (Or) Methane, Tetrachloro-

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Waste Code: U223
Waste Description: Benzene, 1,3-Diisocyanatomethyl- (R,T) (Or) Toluene Diisocyanate (R,T)

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U247
Waste Description: Benzene, 1,1'-(2,2,2-Trichloroethylidene)Bis[4-Methoxy- (Or) Methoxychlor

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Waste Code: U404
Waste Description: U404

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MIRTA I SANCHEZ
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: IDELISSE PEREZ
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: IDELISSE.PEREZ@ECOLAB.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN J. REDONDO HATTA
Legal Status: Private
Date Became Current: 20220228
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A URB LUCHETTI BAYAMON
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MIRTA I SANCHEZ
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MIRTA I SANCHEZ
Legal Status: Private
Date Became Current: 20220228
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Owner/Operator Address: 28 LOTE 13-A URB LUCHETTI BAYAMON
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: ECOLAB MANUFACTURING INC
Legal Status: Private
Date Became Current: 20080401
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN J. REDONDO HATTA
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MIRTA I SANCHEZ
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN J. REDONDO HATTA
Legal Status: Private
Date Became Current: 19680401
Date Ended Current: Not reported
Owner/Operator Address: 28 LOTE 13-A
Owner/Operator City,State,Zip: INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone: 787-796-1290
Owner/Operator Telephone Ext: 6855
Owner/Operator Fax: 787-522-1127
Owner/Operator Email: MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN J. REDONDO HATTA

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Legal Status:	Private
Date Became Current:	19680401
Date Ended Current:	Not reported
Owner/Operator Address:	28 LOTE 13-A
Owner/Operator City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone:	787-796-1290
Owner/Operator Telephone Ext:	6855
Owner/Operator Fax:	787-522-1127
Owner/Operator Email:	MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN J. REDONDO HATTA	
Legal Status:	Private
Date Became Current:	19680401
Date Ended Current:	Not reported
Owner/Operator Address:	28 LOTE 13-A
Owner/Operator City,State,Zip:	INDUSTRIAL LUCHETTI, PR 00961
Owner/Operator Telephone:	787-796-1290
Owner/Operator Telephone Ext:	6855
Owner/Operator Fax:	787-522-1127
Owner/Operator Email:	MIRTA.SANCHEZ@ECOLAB.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name: FREIRIA & COMPANY INC	
Legal Status:	Private
Date Became Current:	20060901
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 364165
Owner/Operator City,State,Zip:	SAN JUAN, PR 00936-4165
Owner/Operator Telephone:	787-792-4460
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200611
Handler Name:	ECOLAB MANUFACTURING INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	Yes
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20180328
Handler Name:	ECOLAB MANUFACTURING INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	Yes
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Site	Database(s)	EDR ID Number EPA ID Number
ECOLAB MANUFACTURING INC (Continued)		**1017788918**

Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240418
Handler Name: ECOLAB MANUFACTURING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: Yes
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20150420
Handler Name: ECOLAB MANUFACTURING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20200506
Handler Name: ECOLAB MANUFACTURING INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: Yes
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240228
Handler Name: ECOLAB MANUFACTURING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: Yes
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

List of NAICS Codes and Descriptions:

NAICS Code:	325611
NAICS Description:	Soap And Other Detergent Manufacturing
NAICS Code:	423490
NAICS Description:	Other Professional Equipment And Supplies Merchant Wholesalers
NAICS Code:	532490
NAICS Description:	Other Commercial And Industrial Machinery And Equipment Rental And Leasing
NAICS Code:	56171
NAICS Description:	Exterminating And Pest Control Services
NAICS Code:	561710
NAICS Description:	Exterminating And Pest Control Services

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20150715
Actual Return to Compliance Date:	20150715
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20150715
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Evaluation Action Summary:

Evaluation Date:	20150326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20150715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110064386070

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1017788918
Registry ID:	110064386070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064386070

Site	Database(s)	EDR ID Number EPA ID Number

ECOLAB MANUFACTURING INC (Continued) **1017788918**

Name: ECOLAB MANUFACTURING INC
Address: PR-28 LOT 13-A IND LUCHETTI
City,State,Zip: BAYAMON, PR 00961

ECOLAB MANUFACTURING INC **PFAS ECHO** **1027354434**
PR-28 LOT 13-A IND LUCHETTI **N/A**
BAYAMON, PR 00961

UNIVAR USA INC **RCRA NonGen / NLR** **1000695595**
LOT L SHAPED - CORUJO IND PARK **PRD987379310**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Univar Usa Inc
Handler Address:	Lot L Shaped - Corujo Ind Park
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD987379310
Contact Name:	MICHAEL THORNTON
Contact Address:	PO BOX 3160
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	864-580-2126
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3160
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Univar Usa Inc
Owner Type:	Private
Operator Name:	Univar Usa Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: UNIVAR USA INC	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 34325
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-1325
Owner/Operator Telephone:	425-889-3400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: UNIVAR USA INC	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 34325
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-1325
Owner/Operator Telephone:	425-889-3400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: UNIVAR USA INC	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 34325
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-1325

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Owner/Operator Telephone: 425-889-3400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060101
Handler Name: UNIVAR USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: UNIVAR USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920220
Handler Name: UNIVAR USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010410
Handler Name: UNIVAR USA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Receive Date:	20020910
Handler Name: UNIVAR USA INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20071220
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070223
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: EJJL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060215
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Evaluation Date:	20050309
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040318
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020822
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EMVC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010723
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ELRD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20000901
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990608
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRLMR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980316
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRMVC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970204
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920918
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

UNIVAR USA INC (Continued) **1000695595**

Request Agency: Not reported
Former Citation: Not reported

UNIVAR USA INC **FINDS** **1016681415**
LOT L SHAPED - URB INDUSTRIAL CORUJO **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007907729

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016681415
Registry ID: 110007907729
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007907729
Name: UNIVAR USA INC
Address: LOT L SHAPED - URB INDUSTRIAL CORUJO
City,State,Zip: BAYAMON, PR 00961

DANOSA CARIBBEAN **FINDS** **1031460770**
LOTE 9 ZONA INDUSTRIAL LUCHETTI **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071854325

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
ECOLAB MANUFACTURING INC. **28 LOTE 13-A** **INDUSTRIAL LUCHETTI, PR 00961**	**FINDS**	**1025448259** **N/A**

FINDS:
Registry ID: 110070739165

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

BAYAMON STEEL PROCESSORS, INCORPORATED **LUCHETTI INDUSTRIAL PARK STREET B** **BAYAMON, PR 00961**	**ICIS**	**1018289086** **N/A**

ICIS:

Enforcement Action ID:	02-1993-0223
FRS ID:	110002341127
Action Name:	BAYAMON STEEL PROCESSORS INC., IN THE MATTER OF
Facility Name:	BAYAMON STEEL PROCESSORS, INCORPORATED
Facility Address:	LUCHETTI INDUSTRIAL PARK STREET B BAYAMON, PR 00961
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	3008A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.425503
Longitude in Decimal Degrees:	-66.140722
Permit Type Desc:	Not reported
Program System Acronym:	31956
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	BAYAMON STEEL PROCESSORS INC
Address:	CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	BAYAMON STEEL PROCESSORS INC
Address:	CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	BAYAMON STEEL PROCESSORS INC

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSORS, INCORPORATED (Continued) **1018289086**

Address: CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: BAYAMON STEEL PROCESSORS INC
Address: CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: BAYAMON STEEL PROCESSORS INC
Address: CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: BAYAMON STEEL PROCESSORS INC
Address: CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: BAYAMON STEEL PROCESSORS INC
Address: CALLE B URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

PLATT METAL MANUFACTURE, INC **FTTS** **1009520844**
LUCHETTI INDUSTRIAL PARK B-30 **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 199710170001 1
Region: 02
Inspection Date: 10/17/97
Inspector: F. CANABAL, FM
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 199710170001 1
Region: 02
Inspection Date: Not reported
Inspector: F. CANABAL, FM
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted

Site	Database(s)	EDR ID Number EPA ID Number

PLATT METAL MANUFACTURE, INC (Continued) **1009520844**

Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

PUMA ENERGY CARIBE LLC
LUCHETTI INDUSTRIAL PARK
BAYAMON, PR 00961

SEMS **1000246200**
CORRACTS **PRD000632182**
RCRA-TSDF
RCRA-LQG
US ENG CONTROLS
US INST CONTROLS
US FIN ASSUR
2020 COR ACTION
RAATS
PRP
E MANIFEST
MANIFEST

SEMS:

Site ID:	0206377
EPA ID:	PRD000632182
Name:	CARIBBEAN PETROLEUM CORP DRUM REMOVAL
Address:	CARR.#28 KM.2 URBAN INDUSTRIAL LUCHETTI
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR 00961
Cong District:	00
FIPS Code:	72021
Latitude:	+18.416477
Longitude:	-066.131947
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	02
Site ID:	0206377
EPA ID:	PRD000632182
Site Name:	CARIBBEAN PETROLEUM CORP DRUM REMOVAL
NPL:	N
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2010-03-22 04:00:00
Finish Date:	2011-05-08 05:00:00
Qual:	C
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206377
EPA ID:	PRD000632182
Site Name:	CARIBBEAN PETROLEUM CORP DRUM REMOVAL
NPL:	N
FF:	N
OU:	00
Action Code:	BB
Action Name:	PRP RV

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

SEQ: 1
Start Date: 2011-05-11 05:00:00
Finish Date: 2014-09-09 05:00:00
Qual: C
Current Action Lead: EPA Ovrsght

CORRACTS:

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19950929
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19930310
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19950929
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 19980812
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: INVESTIGATION PROGRESS REPORTS RECEIVED
Actual Date: 20130606
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 20170216
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Actual Date: 19930604
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: CMS REPORT RECEIVED
Actual Date: 20170720
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: CMS COMPLETE
Actual Date: 20100327
Air Release Indicator: Y
Groundwater Release Indicator: Y

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Actual Date: 20180621
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: PUERTO RICO ENERGY LLC
Address: LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2: Not reported
EPA ID: PRD000632182
Area Name: SITEWIDE
Corrective Action: REMEDY DECISION
Actual Date: 20180821
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

The CORRACTS: database contains 18 additional records for this site.
Please contact your EDR Account Executive for more information

RCRA TSDF:
Treatment Storage and Disposal Type: Land Disposal, Storage, Treatment
Full Enforcement Universe: Land Disposal
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Land Disposal, Storage, Treatment
Post-Closure Workload Universe: Land Disposal
Closure Workload Universe: Storage, Treatment
Operating TSDF Universe: Not reported
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Land Disposal
Active Site Converter Treatment storage and Disposal Facility: Storage, Treatment
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: Yes
TSDFs Only Subject to CA under Discretionary Auth Universe: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Site	Database(s)	EDR ID Number EPA ID Number
PUMA ENERGY CARIBE LLC (Continued)		**1000246200**

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

SIte:

Name:	PUERTO RICO ENERGY LLC
Address:	LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR 00961
Event Code:	CA770NG
Action Taken Date:	Not reported
EPA ID:	PRD000632182
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Contaminated Media:	Not reported
Contact Name:	CARLOS RAMOS
Contact Telephone:	787-705-7929
Event:	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Media:

EPA ID:	PRD000632182
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770GW
Contact Name:	CARLOS RAMOS
Contact Telephone:	787-705-7929
Event:	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

EPA ID:	PRD000632182
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770NG
Contact Name:	CARLOS RAMOS
Contact Telephone:	787-705-7929
Event:	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

US INST CONTROLS:

Name:	PUERTO RICO ENERGY LLC
Address:	LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD000632182
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	CARLOS RAMOS
Contact Telephone:	787-705-7929
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	PUERTO RICO ENERGY LLC
Address:	LUCHETTI INDUSTRIAL PARK #28 KM 2.0
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD000632182
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772ID
Contact Name:	CARLOS RAMOS
Contact Telephone:	787-705-7929
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-INFORMATIONAL DEVICE
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

US FIN ASSUR:

Name:	PUERTO RICO ENERGY LLC
Address:	LUCHETTI INDUSTRIAL PARK #28 KM 2.0
City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD000632182
County:	Not reported
Mechanism type:	X
Mechanism Type Description:	STANDBY TRUST FUND
Cost estimate:	5000000
Face value:	0
Effective date:	2015-10-29 00:00:00
Provider:	ORIENTAL BANK AND TRUST
EPA region:	2

Name:	PUERTO RICO ENERGY LLC
Address:	LUCHETTI INDUSTRIAL PARK #28 KM 2.0
City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD000632182
County:	Not reported
Mechanism type:	B
Mechanism Type Description:	SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND
Cost estimate:	5000000
Face value:	5000000
Effective date:	2011-05-31 00:00:00
Provider:	WESTCHESTER FIRE INSURANCE COMPANY
EPA region:	2

2020 COR ACTION:

EPA ID:	PRD000632182
Region:	2
Action:	Not reported

PRP:

PRP Name:	CARIBBEAN PETROLEUM CORP CARIBBEAN PETROLEUM REFINING L.P GULF PETROLEUM REFINING CORP

NJ MANIFEST:

EPA ID:	PRD000632182
Name:	CARIBBEAN PETROLEUM
Address:	LUCHETTI INDUSTRIAL PRK
City,State,Zip:	BAYAMON, PR 00619
County:	Not reported
Mailing Address:	PO BOX 361988
Mailing City,State,Zip:	SAN JUAN 009361988
Telephone:	8097850520
Emergency Telephone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00

Site	Database(s)	EDR ID Number EPA ID Number
PUMA ENERGY CARIBE LLC (Continued)		**1000246200**

Previous EPAID:	Not reported
Generator Flag:	X
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	PRD000632182
Manifest Number:	007457819JJK
Date Shipped:	08/31/2010
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	PRD090559360
Transporter 3 EPA ID:	NJD071629976
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/31/2010
Date Trans2 Transported Waste:	08/31/2010
Date Trans3 Transported Waste:	09/13/2010
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/13/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	150
Unit:	G
Manifest Year:	Not reported
Waste Code:	D001

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Hand Code:	H061
Quantity:	110
Unit:	G
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	425
Unit:	G
Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	255
Unit:	G
EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Reason Load Was Rejected:	Not reported
EPA ID:	PRD000632182
Manifest Number:	014268410JJK
Date Shipped:	7/20/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
EPA ID:	PRD000632182
Manifest Number:	007457820JJK
Date Shipped:	08/31/2010
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PRD090220732
Transporter 2 EPA ID:	PRD090559360
Transporter 3 EPA ID:	NJD071629976
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE LLC (Continued) **1000246200**

Date Trans1 Transported Waste:	08/31/2010
Date Trans2 Transported Waste:	08/31/2010
Date Trans3 Transported Waste:	09/13/2010
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/13/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	55
Unit:	G

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	255
Unit:	G

The NJ MANIFEST: database contains 47 additional records for this site.
Please contact your EDR Account Executive for more information

---

TRADEWIND FOODS, INC. (FORMERLY GOYA DE PUERTO RIC **FINDS** **1016982856**
PR-28 LUCHETTI INDUSTRIAL PARK **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007805973

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
All generators and treatment, storage, and disposal (TSD) facilities

Site	Database(s)	EDR ID Number EPA ID Number

TRADEWIND FOODS, INC. (FORMERLY GOYA DE PUERTO RICO, ISLAND (Continued) **1016982856**

who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016982856
Registry ID:	110007805973
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007805973
Name:	TRADEWIND FOODS, INC. (FORMERLY GOYA DE PUERTO RICO, ISLAND LITHO ISLAND CAN)
Address:	PR-28 LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
TRADEWIND FOODS, INC. (FORMERLY GOYA DE PUERTO RIC PR-28 LUCHETTI INDUSTRIAL PARK BAYAMON, PR 00961	**PFAS ECHO**	**1027430349 N/A**
UCAR RESINAS CARIBE INC. LUCHETTI IND PARK LOT 38 B ST BAYAMON, PR 00961	**PFAS ECHO**	**1027432277 N/A**
AMERICAN EAGLE OUTFITTERS 725 WEST MAIN AVE SUITE 600 BAYAMON, PR 00961	**E MANIFEST**	**1027792526 N/A**
AUTOCARE CENTER LLC 975 W MAIN AVE BAYAMON, PR 00961	**RCRA NonGen / NLR FINDS ECHO**	**1018281846 PRN008028276**

RCRA Listings:

Date Form Received by Agency:		20151215
Handler Name:		Autocare Center Llc
Handler Address:		W Main Ave
Handler City,State,Zip:		BAYAMON, PR 00961-7501
EPA ID:		PRN008028276
Contact Name:		OMAR CARRION
Contact Address:		PO BOX 363609
Contact City,State,Zip:		SAN JUAN, PR 00936-3609
Contact Telephone:		787-568-8484
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		VICE PRESIDENT
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 363609
Mailing City,State,Zip:		SAN JUAN, PR 00936-3609
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---

Site	Database(s)	EDR ID Number EPA ID Number

AUTOCARE CENTER LLC (Continued) **1018281846**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151216
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20151215
Handler Name: AUTOCARE CENTER LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

AUTOCARE CENTER LLC (Continued) **1018281846**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20151215
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2RC
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110067162670

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Site	Database(s)	EDR ID Number EPA ID Number

AUTOCARE CENTER LLC (Continued) **1018281846**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1018281846
Registry ID:	110067162670
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067162670
Name:	AUTOCARE CENTER LLC
Address:	975 W MAIN AVE
City,State,Zip:	BAYAMON, PR 00961

BATH & BODY WORKS 2305 **RCRA-VSQG** **1017788906**
725 W MAIN AVE STE 1820 **PRN008027690**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20150310
Handler Name:	Bath & Body Works 2305
Handler Address:	W Main Ave Ste 1820
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008027690
Contact Name:	LEYLA SONNI
Contact Address:	W MAIN AVE STE 1820
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-787-5685
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	CO MGR
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	W MAIN AVE STE 1820
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---

Site	Database(s)	EDR ID Number EPA ID Number

BATH & BODY WORKS 2305 (Continued) **1017788906**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20250114
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150310
Handler Name: BATH & BODY WORKS 2305	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

BATH & BODY WORKS 2305 (Continued) **1017788906**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150309
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

BATH AND BODY WORKS 2305 **FINDS 1017747136**
725 W MAIN AVE STE 1820 **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110064017512

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many

Site	Database(s)	EDR ID Number EPA ID Number

BATH AND BODY WORKS 2305 (Continued) **1017747136**

types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1017747136
Registry ID:	110064017512
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064017512
Name:	BATH AND BODY WORKS 2305
Address:	725 W MAIN AVE STE 1820
City,State,Zip:	BAYAMON, PR 00961

BB&B # 0381 **E MANIFEST** **1027986959**
725 WEST MAIN AVENUE **N/A**
BAYAMON, PR 00961

BURLINGTON **E MANIFEST** **1031532766**
725 WEST MAIN AVE, STE 600 PLA **N/A**
BAYAMON, PR 00961

BURLINGTON **E MANIFEST** **1031532767**
725 WEST MAIN AVE, STE 600 PLAZA DEL SOL **N/A**
BAYAMON, PR 00961

CARMEN GOMEZ TEJERA **FTTS** **1010149625**
MAIN AVE, SANTA ROSA URB **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	2005110300025 1
Region:	02
Inspection Date:	11/03/05
Inspector:	L. SAN MIGUEL
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	For Cause, Follow-Up
Legislation Code:	TSCA
Facility Function:	User

HOME DEPOT #HD6401 **RCRA-LQG** **1001961928**
725 W MAIN AVE,STE 860 **FINDS** **PRR000011627**
BAYAMON, PR 00961 **ECHO**
E MANIFEST

RCRA Listings:

Date Form Received by Agency:	20241106
Handler Name:	Home Depot Store #6401
Handler Address:	W Main Ave Ste 860
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000011627
Contact Name:	MICHELLE A O'BRIEN

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Contact Address:		PACES FERRY RD D-4
Contact City,State,Zip:		ATLANTA, GA 30339
Contact Telephone:		770-433-8211 x82714
Contact Fax:		770-384-4142
Contact Email:		MICHELLE_A_OBRIEN@HOMEDEPOT.COM
Contact Title:		MANAGER - REGULATORY COMPLIANCE
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PACES FERRY RD D-4
Mailing City,State,Zip:		ATLANTA, GA 30339
Owner Name:	Home Depot Usa Inc	
Owner Type:		Private
Operator Name:	Home Depot Usa Inc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20241107
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D015
Waste Description: Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D020
Waste Description: Chlordane

Waste Code: D023
Waste Description: O-Cresol

Waste Code: D024

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Waste Description: M-Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D028
Waste Description: 1,2-Dichloroethane

Waste Code: D031
Waste Description: Heptachlor (And Its Epoxide)

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichloroethylene

Waste Code: D043
Waste Description: Vinyl Chloride

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U072
Waste Description: Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U160
Waste Description: 2-Butanone, Peroxide (R,T) (Or) Methyl Ethyl Ketone Peroxide (R,T)

Waste Code: U161
Waste Description: 4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

HOME DEPOT #HD6401 (Continued) **1001961928**

Waste Code: U226
Waste Description: Ethane, 1,1,1-Trichloro- (Or) Methyl Chloroform

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U240
Waste Description: 2,4-D, Salts & Esters (Or) Acetic Acid, (2,4-Dichlorophenoxy)-, Salts & Esters (Or) Dichlorophenoxyacetic Acid 2,4-D

Waste Code: U249
Waste Description: Zinc Phosphide Zn3p2, When Present At Concentrations Of 10% Or Less

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THE HOME DEPOT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD NW
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ASHLEY.CAMPBELL@STERICYCLE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD NW
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ASHLEY.CAMPBELL@STERICYCLE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD NW
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Owner/Operator Email:	ASHLEY.CAMPBELL@STERICYCLE.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: HOME DEPOT USA INC	
Legal Status:	Private
Date Became Current:	19990722
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD D-4
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	82714
Owner/Operator Fax:	877-384-4142
Owner/Operator Email:	MICHELLE_A_OBRIEN@HOMEDEPOT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: THE HOME DEPOT	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD NW
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: THE HOME DEPOT USA INC	
Legal Status:	Private
Date Became Current:	20221227
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD D4
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	82714
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MICHELLE_A_OBRIEN@HOMEDEPOT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: HOME DEPOT USA INC	
Legal Status:	Private
Date Became Current:	19990722
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD D-4
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	82714
Owner/Operator Fax:	877-384-4142
Owner/Operator Email:	MICHELLE_A_OBRIEN@HOMEDEPOT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: THE HOME DEPOT	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD NW
Owner/Operator City,State,Zip:	ATLANTA, GA 30339

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE HOME DEPOT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD NW
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ASHLEY.CAMPBELL@STERICYCLE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT USA INC
Legal Status: Private
Date Became Current: 20221227
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD D4
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: 82714
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHELLE_A_OBRIEN@HOMEDEPOT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THE HOME DEPOT
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD NW
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: HOME DEPOT THE 6401
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: HOME DEPOT THE 6401

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19991207
Handler Name: HOME DEPOT THE 6401
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20191208
Handler Name: HOME DEPOT THE 6401
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210624
Handler Name: HOME DEPOT 6401
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230209
Handler Name: HOME DEPOT STORE #6401
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Site	Database(s)	EDR ID Number EPA ID Number

HOME DEPOT #HD6401 (Continued) **1001961928**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20241106
Handler Name: HOME DEPOT STORE #6401
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 444110
NAICS Description: Home Centers

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110007822366

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1001961928
Registry ID: 110007822366
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007822366
Name: HOME DEPOT THE 6401
Address: 725 WEST AVE SUITE 860
City,State,Zip: BAYAMON, PR 00958

Site	Database(s)	EDR ID Number EPA ID Number

SIERRA BAYAMONI 1 #363 — **UST** — **U003430579**
MAIN NORTH AVE. & #3 ST. SIERRA BAYAMON — **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-861579
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861579
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861579
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861579
Tank Status:	Currently In Use
Substance Description:	Not reported

TEXACO SIERRA BAYAMONII S/S #377 — **UST** — **U003430580**
WEST MAIN AVE. CORNER COMERIO SIERRA BAYAMON — **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-861580
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861580
Tank Status:	Currently in Use
Substance Description:	Not reported
Facility ID:	2-861580
Tank Status:	Currently In Use
Substance Description:	Not reported

VICTORIA'S SECRET — **E MANIFEST** — **1027878991**
725 W. MAIN AVE — **N/A**
BAYAMON, PR 00961

VICTORIAS SECRET 1653 — **RCRA-SQG** — **1016976171**
269 W MAIN AVE STE 1800 — **PRN008027393**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20141120
Handler Name:	Victorias Secret 1653
Handler Address:	W Main Ave Ste 1800
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008027393
Contact Name:	LUZ ALVAREZ
Contact Address:	W MAIN AVE STE 1800
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-269-8011
Contact Fax:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

VICTORIAS SECRET 1653 (Continued) **1016976171**

Contact Email:		Not reported
Contact Title:		OPS STAFF SUPV
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		W MAIN AVE STE 1800
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20141128
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

VICTORIAS SECRET 1653 (Continued) **1016976171**

Historic Generators:

Receive Date:	20141120
Handler Name:	VICTORIAS SECRET 1653
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

VICTORIAS SECRET 1653 (Continued) **1016976171**

Evaluation Action Summary:

Evaluation Date:	20141120
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	IRR
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

VICTORIAS SECRET 1653 **FINDS** **1017406237**
269 W MAIN AVE STE 1800 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110063077290

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1017406237
Registry ID:	110063077290
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110063077290
Name:	VICTORIAS SECRET 1653
Address:	269 W MAIN AVE STE 1800
City,State,Zip:	BAYAMON, PR 00961

WALMART ONE HOUR PHOTO LAB 2501 **RCRA NonGen / NLR** **1001203511**
501 W MAIN AVE SIERRA BAYAMON **FINDS** **PRR000006759**
BAYAMON, PR 00961 **ECHO**

RCRA Listings:

Date Form Received by Agency:	20080714
Handler Name:	Walmart One Hour Photo Lab 2501
Handler Address:	W Main Ave Sierra Bayamon
Handler City,State,Zip:	BAYAMON, PR 00691
EPA ID:	PRR000006759
Contact Name:	Not reported
Contact Address:	W MAIN AVE SIERRA BAYAMON
Contact City,State,Zip:	BAYAMON, PR 00691
Contact Telephone:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		W MAIN AVE SIERRA BAYAMON
Mailing City,State,Zip:		BAYAMON, PR 00691
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20150414
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D011
Waste Description: Silver

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BY VENTURES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 194792
Owner/Operator City,State,Zip: SAN JUAN, PR 00919
Owner/Operator Telephone: 787-269-0700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: WALMART ONE HOUR PHOTO LAB 2501
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WALMART ONE HOUR PHOTO LAB 2501
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Pr

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080715
Handler Name: WALMART ONE HOUR PHOTO LAB 2501
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080714
Handler Name: WALMART ONE HOUR PHOTO LAB 2501
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970624
Handler Name: WALMART ONE HOUR PHOTO LAB 2501
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20071207

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20071207
Actual Return to Compliance Date: 20080530
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080530
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20071207

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20071207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20071207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20071207

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20071207
Actual Return to Compliance Date: 20080530
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080530
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20071207

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20071207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20071207
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20071207
Actual Return to Compliance Date: 20080530
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20071207
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20071207

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20071207
Actual Return to Compliance Date:	20080530
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20080530
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20071108
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080530
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071108
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080530
Scheduled Compliance Date: Not reported
Date of Request: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071108

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071108
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080530
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALMART ONE HOUR PHOTO LAB 2501 (Continued) **1001203511**

Former Citation:	Not reported
Evaluation Date:	20021211
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110007820091

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1001203511
Registry ID:	110007820091
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007820091
Name:	WALMART ONE HOUR PHOTO LAB 2501
Address:	501 W MAIN AVE SIERRA BAYAMON
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number / EPA ID Number
DANA TRANSPORT INC **MARGINAL EXPRESO RIO HONDO** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016238238** **N/A**

FINDS:
Registry ID: 110007803396

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016238238
Registry ID:	110007803396
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007803396
Name:	DANA TRANSPORT INC
Address:	MARGINAL EXPRESO RIO HONDO
City,State,Zip:	BAYAMON, PR 00961

DANA TRANSPORT, INC. **MARGINAL EXPRESSO RIO HONDO EXT SUR** **BAYAMON, PR 00961**	**RCRA NonGen / NLR** **PADS**	**1000914202** **PR0000879692**

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Dana Transport Inc
Handler Address:	Marginal Expreso Rio Hondo
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PR0000879692
Contact Name:	Not reported
Contact Address:	PO BOX 1856
Contact City,State,Zip:	BAYAMON, PR 00960
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1856
Mailing City,State,Zip:	BAYAMON, PR 00960
Owner Name:	Dana Transport Inc
Owner Type:	Private
Operator Name:	Dana Transport Inc
Operator Type:	Private
Short-Term Generator Activity:	No

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT, INC. (Continued) **1000914202**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANA TRANSPORT INC	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1856
Owner/Operator City,State,Zip:	BAYAMON, PR 00960
Owner/Operator Telephone:	787-787-9020
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT, INC. (Continued) **1000914202**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DANA TRANSPORT INC
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1856
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: 787-787-9020
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DANA TRANSPORT INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1856
Owner/Operator City,State,Zip: BAYAMON, PR 00960
Owner/Operator Telephone: 787-787-9020
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: DANA TRANSPORT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: DANA TRANSPORT INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: DANA TRANSPORT INC
Federal Waste Generator Description: Not a generator, verified

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT, INC. (Continued) **1000914202**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980120
Handler Name: DANA TRANSPORT INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANA TRANSPORT, INC. (Continued) **1000914202**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19990602
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PRLMR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PADS:

Name:	DANA TRANSPORT, INC.
Address:	MARGINAL EXPRESSO RIO HONDO EXT SUR
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR 00961
EDR ID:	1000914202
EPAID:	PR0000879692
Region:	02
Generator:	N
Storer:	N
Disposer:	N
Transporter:	Y
Smelter:	N
Research Facility:	N
Mailing Address:	P.O. BOX 1856
Mailing Address 2:	Not reported
Mailing City:	BAYAMON
Mailing State:	PR
Mailing Zip:	00621
Mailing Country:	US
Owner Name:	RONALD DANA
Certification Date:	10/18/1994
Contact Name:	CHARLES L KING, JR
Contact Title:	Not reported
Contact Telephone:	809-787-9020
Contact Text:	Not reported
Contact Email:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
GULF #1 **MARGINAL AND PAZ FOREST HILLS** **BAYAMON, PR 00961**	**ICIS** **FINDS** **ECHO**	**1014908238** **N/A**

ICIS:

Enforcement Action ID:	02-2011-7504
FRS ID:	110043717957
Action Name:	Puma Energy Caribe, LLC
Facility Name:	GULF #1
Facility Address:	MARGINAL AND PAZ FOREST HILLS BAYAMON, PR 00961
Enforcement Action Type:	Prospective Purchaser Agreement
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	PPA
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.386334
Longitude in Decimal Degrees:	-66.163455
Permit Type Desc:	Not reported
Program System Acronym:	2600016509
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	GULF #1
Address:	MARGINAL AND PAZ FOREST HILLS
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	Not reported

FINDS:

Registry ID: 110043717957

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid: 1014908238

Site	Database(s)	EDR ID Number EPA ID Number

GULF #1 (Continued) **1014908238**

Registry ID: 110043717957
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110043717957
Name: GULF #1
Address: MARGINAL AND PAZ FOREST HILLS
City,State,Zip: BAYAMON, PR 00961

ROGER ELECTRIC CO, INC **FINDS** **1016300177**
PR-5 MARGINAL LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110011934648

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PAN PEPIN, INC **FTTS** **1004591700**
MILILLAS INDUSTRIAL PARK C ST BLOCK 23 **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 199611140001 1
Region: 02
Inspection Date: 11/14/96
Inspector: F. CANABAL, EM
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 199611140001 1
Region: 02
Inspection Date: Not reported
Inspector: F. CANABAL, EM
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

Site	Database(s)	EDR ID Number EPA ID Number
PAN PEPIN, INC **MILILLAS INDUSTRIAL PARK C ST BLOCK 23** **BAYAMON, PR 00961**	**FINDS**	**1016300168** **N/A**

FINDS:
Registry ID: 110011934318

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BAYAMON STEEL PROCESSOR **PARQUE INDUSTRIAL LUCHETTI** **BAYAMON, PR 00961**	**SEMS** **RCRA NonGen / NLR**	**1015731858** **PRD987376076**

SEMS:

Site ID:	0203919
EPA ID:	PRD987376076
Name:	BAYAMON STEEL PROCESSORS
Address:	STATE ROAD #28, LOT 30-B
Address 2:	Not reported
City,State,Zip:	LUCHETTI IND. PARK, PR 00961
Cong District:	Not reported
FIPS Code:	72021
Latitude:	+18.416944
Longitude:	-65.140556
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:

Region:	02
Site ID:	0203919
EPA ID:	PRD987376076
Site Name:	BAYAMON STEEL PROCESSORS
NPL:	N
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	2012-07-29 04:00:00
Finish Date:	2012-07-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0203919
EPA ID:	PRD987376076
Site Name:	BAYAMON STEEL PROCESSORS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1

Site	Database(s)	EDR ID Number EPA ID Number
BAYAMON STEEL PROCESSOR (Continued)		**1015731858**

Start Date:	1994-10-01 04:00:00
Finish Date:	1995-02-08 05:00:00
Qual:	H
Current Action Lead:	St Perf
Region:	02
Site ID:	0203919
EPA ID:	PRD987376076
Site Name:	BAYAMON STEEL PROCESSORS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1994-08-24 04:00:00
Finish Date:	1994-08-24 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	02
Site ID:	0203919
EPA ID:	PRD987376076
Site Name:	BAYAMON STEEL PROCESSORS
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1997-10-01 04:00:00
Finish Date:	2000-03-08 05:00:00
Qual:	H
Current Action Lead:	St Perf
Region:	02
Site ID:	0203919
EPA ID:	PRD987376076
Site Name:	BAYAMON STEEL PROCESSORS
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	Not reported
Finish Date:	2009-03-31 04:00:00
Qual:	N
Current Action Lead:	St Perf

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Bayamon Steel Processor
Handler Address:	Parque Industrial Luchetti
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRD987376076

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Contact Name:		Not reported
Contact Address:		PO BOX 66
Contact City,State,Zip:		CATANO, PR 00632-0066
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 66
Mailing City,State,Zip:		CATANO, PR 00632-0066
Owner Name:	Bayamon Steel Processors Inc	
Owner Type:		Private
Operator Name:	Bayamon Steel Processors Inc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20150414
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D007
Waste Description:	Chromium

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAYAMON STEEL PROCESSORS INC
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 66
Owner/Operator City,State,Zip:	CATANO, PR 00632-0066
Owner/Operator Telephone:	787-740-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAYAMON STEEL PROCESSORS INC
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 66
Owner/Operator City,State,Zip:	CATANO, PR 00632-0066
Owner/Operator Telephone:	787-740-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAYAMON STEEL PROCESSORS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 66
Owner/Operator City,State,Zip:	CATANO, PR 00632-0066
Owner/Operator Telephone:	787-740-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Handler Name: BAYAMON STEEL PROCESSOR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BAYAMON STEEL PROCESSOR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: BAYAMON STEEL PROCESSOR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910927
Handler Name: BAYAMON STEEL PROCESSOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940412
Handler Name: BAYAMON STEEL PROCESSORS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960301
Handler Name: BAYAMON STEEL PROCESSORS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332322
NAICS Description: Sheet Metal Work Manufacturing

NAICS Code: 33991
NAICS Description: Jewelry And Silverware Manufacturing

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	19930309
Actual Return to Compliance Date:	19950417
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19950417
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1993-0223
Enforcement Attorney:	R2RP
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R2TM
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	35000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	35000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Permits - Application
Date Violation was Determined:	19930309
Actual Return to Compliance Date:	19950417
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Date of Enforcement Action: 19930929
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: R2RP
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2TM
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 87100
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19930309
Actual Return to Compliance Date: 19950417
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19930929
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: R2RP
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2TM
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 87100
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permits - Application
Date Violation was Determined: 19930309
Actual Return to Compliance Date: 19950417
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950417
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1993-0223
Enforcement Attorney: R2RP
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2TM
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 35000
Paid Amount: Not reported
Final Count: 1
Final Amount: 35000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19970305
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: PR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930309
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2TM
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: 19950417
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930309

Site	Database(s)	EDR ID Number EPA ID Number

BAYAMON STEEL PROCESSOR (Continued) **1015731858**

Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2TM
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19950417
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930309
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2TM
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19950417
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930309
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2TM
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19950417
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920929
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
UNIVERSAL CARE CORPERATION **PARQUE INDUSTRIAL CORUJO CALLE C EDIF # 26** **BAYAMON, PR 00961**	**E MANIFEST**	**1027877284** **N/A**
WALMART FIXTURES WAREHOUSE #8519 **PARQUE INDUSTRIAL CORUJO** **BAYAMON, PR 00961**	**RCRA NonGen / NLR**	**1014961052** **PRR000024190**

RCRA Listings:

Date Form Received by Agency:		20130212
Handler Name:		Walmart Fixtures Warehouse #8519
Handler Address:		Parque Industrial Corujo
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRR000024190
Contact Name:		JUSTIN WILSON
Contact Address:		PO BOX 8041
Contact City,State,Zip:		BENTONVILLE, AR 72712-8041
Contact Telephone:		479-204-3517
Contact Fax:		479-204-9675
Contact Email:		JUSTIN.P.WILSON@WAL-MART.COM
Contact Title:		SENIOR MANAGER
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 8041
Mailing City,State,Zip:		BENTONVILLE, AR 72712-8041
Owner Name:	Pdcm Associates Se	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART FIXTURES WAREHOUSE #8519 (Continued) **1014961052**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	D039
Waste Description:	Tetrachloroethylene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PDCM ASSOCIATES SE	
Legal Status:	Private
Date Became Current:	19740122
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 190858
Owner/Operator City,State,Zip:	SAN JUAN, PR 00919-0858
Owner/Operator Telephone:	787-641-8200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: PDCM ASSOCIATES SE	
Legal Status:	Private

WALMART FIXTURES WAREHOUSE #8519 (Continued) **1014961052**

Date Became Current: 19740122
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 190858
Owner/Operator City,State,Zip: SAN JUAN, PR 00919-0858
Owner/Operator Telephone: 787-641-8200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: PP
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20080325
Date Ended Current: 20130212
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-9675
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20080325
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20130212
Handler Name: WALMART FIXTURES WAREHOUSE #8519
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120601
Handler Name: WALMART FIXTURES WAREHOUSE #8519
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART FIXTURES WAREHOUSE #8519 (Continued) **1014961052**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 49311
NAICS Description: General Warehousing And Storage

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

KMART #7570 **RCRA NonGen / NLR** **1001225382**
PLAZA RIO HONDO & COMERIO AVE **E MANIFEST** **PRR000008375**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Kmart #7570
Handler Address:	Plaza Rio Hondo & Comerio Ave
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000008375
Contact Name:	SCOTT DEMUTH
Contact Address:	BEVERLY RD - A2-238A
Contact City,State,Zip:	HOFFMAN ESTATES, IL 60179
Contact Telephone:	847-286-7199
Contact Fax:	Not reported
Contact Email:	SDEMUTH@SEARS.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BEVERLY RD - A2-238A
Mailing City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner Name:	Kmart
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

Site	Database(s)	EDR ID Number EPA ID Number

KMART #7570 (Continued) **1001225382**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D011
Waste Description:	Silver

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KMART	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	RIO HONDO SHOPPING CTR
Owner/Operator City,State,Zip:	BAYAMON, PR 00967
Owner/Operator Telephone:	787-795-4949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

Site	Database(s)	EDR ID Number EPA ID Number

KMART #7570 (Continued) **1001225382**

Owner/Operator Name: KMART HOLDINGS
Legal Status: Private
Date Became Current: 20051103
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KMART HOLDINGS
Legal Status: Private
Date Became Current: 20051103
Date Ended Current: Not reported
Owner/Operator Address: 3333 BEVERLY RD - A2-238A
Owner/Operator City,State,Zip: HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KMART HOLDINGS
Legal Status: Private
Date Became Current: 20051103
Date Ended Current: Not reported
Owner/Operator Address: 3333 BEVERLY RD - A2-238A
Owner/Operator City,State,Zip: HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KMART
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: RIO HONDO SHOPPING CTR
Owner/Operator City,State,Zip: BAYAMON, PR 00967
Owner/Operator Telephone: 787-795-4949
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: KMART
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Site	Database(s)	EDR ID Number EPA ID Number

KMART #7570 (Continued) **1001225382**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: KMART #7570
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: KMART #7570
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980204
Handler Name: KMART
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20051213
Handler Name: KMART #7570
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

KMART #7570 (Continued) **1001225382**

List of NAICS Codes and Descriptions:
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

KMART #7570 **FINDS 1016239660**
PLAZA RIO HONDO & COMERIO AVE **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007820894

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
Registry ID: 110070329769

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016239660
Registry ID: 110007820894
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007820894
Name: KMART #7570
Address: PLAZA RIO HONDO & COMERIO AVE
City,State,Zip: BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
PETSMART **PLAZA RIO HONDO MALL - INT. OF** **BAYAMON, PR 00961**	**E MANIFEST**	**1027854626** **N/A**
PETSMART #2161 **PLAZA RIO HONDO MALL** **BAYAMON, PR 00961**	**E MANIFEST**	**1027853127** **N/A**
SAM'S CLUB #6680 **1500 PLAZA DEL PARQUE, 1500 AVE COMERIO STE 1** **BAYAMON, PR 00961**	**RCRA-SQG** **E MANIFEST**	**1004779183** **PRR000012971**

RCRA Listings:

Date Form Received by Agency:	20230621
Handler Name:	Sams Club #6680
Handler Address:	Ave Comerio Ste 1 Plaza Del Parque
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000012971
Contact Name:	ROSE CALDWELL
Contact Address:	PO BOX 8041 MS 0505
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-277-8972
Contact Fax:	479-204-9675
Contact Email:	ROSE.ARNOLD@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 8041 MS 0505
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	Walmart Puerto Rico Inc
Owner Type:	Private
Operator Name:	Walmart Puerto Rico Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20250429
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Biennial: List of Years

Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D025
Waste Description: P-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D030
Waste Description: 2,4-Dinitrotoluene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichloroethylene

Waste Code: D043
Waste Description: Vinyl Chloride

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U034

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Waste Description: Acetaldehyde, Trichloro- (Or) Chloral

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U072
Waste Description: Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U134
Waste Description: Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U182
Waste Description: 1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

SAM'S CLUB #6680 (Continued) **1004779183**

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Waste Code: U249
Waste Description: Zinc Phosphide Zn3p2, When Present At Concentrations Of 10% Or Less

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: Carbamic Acid, [1,2-Phenylenebis (Iminocarbonothioyl)]Bis-, Dimethyl Ester (Or) Thiophanate-Methyl

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PMB 725 BOX 4960
Owner/Operator City,State,Zip: CAGUAS, PR 00726
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-0402
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAMS CLUB
Legal Status: Private
Date Became Current: 17760101
Date Ended Current: Not reported
Owner/Operator Address: 1500 PLAZA DEL PARQUE A1
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-787-1001
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 20001130
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Historic Generators:
Receive Date: 20120223
Handler Name: SAM'S CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SAMS CLUB
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080810
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001214
Handler Name: SAMS CLUB

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080811
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20141103
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20161129
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170810
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181211
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191017
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191112
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210104
Handler Name: SAMS CLUB #6680
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

SAM'S CLUB #6680 (Continued) **1004779183**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20221209
Handler Name: SAMS CLUB #6680	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20230621
Handler Name: SAMS CLUB #6680	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	452311
NAICS Description:	Warehouse Clubs And Supercenters

NAICS Code:	45291
NAICS Description:	Warehouse Clubs And Supercenters

NAICS Code:	452910
NAICS Description:	Warehouse Clubs And Supercenters

NAICS Code:	455211
NAICS Description:	Warehouse Clubs And Supercenters

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20150113
Actual Return to Compliance Date:	20150401
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20150113

Site	Database(s)	EDR ID Number EPA ID Number
SAM'S CLUB #6680 (Continued)		**1004779183**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ECRO
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150113
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20150401
Scheduled Compliance Date: Not reported
Date of Request: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SAM'S CLUB #6680 (Continued) **1004779183**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20121219
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080730
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ESRL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SAMS CLUB **ICIS 1018289921**
1500 PLAZA DEL PARQUE A1 **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-2008-0855
FRS ID:	110004895784
Action Name:	Walmart Puerto Rico Facilities
Facility Name:	SAMS CLUB
Facility Address:	1500 PLAZA DEL PARQUE A1 BAYAMON, PR 00961
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	5411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.417074
Longitude in Decimal Degrees:	-66.162849
Permit Type Desc:	Not reported
Program System Acronym:	1400004464
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Facility Name:	SAMS CLUB

Site	Database(s)	EDR ID Number EPA ID Number

SAMS CLUB (Continued) **1018289921**

Address: 1500 AVE COMERIO STE 1
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5411

Facility Name: SAMS CLUB
Address: 1500 AVE COMERIO STE 1
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5411

Facility Name: SAMS CLUB
Address: 1500 AVE COMERIO STE 1
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5411

WALGREENS 235 **RCRA NonGen / NLR** **1001113902**
PLZ RIO HONDO DE DIEGO EXPWY **PRR000003137**
BAYAMON, PR 00961

RCRA Listings:
Date Form Received by Agency: 20080101
Handler Name: Walgreens 235
Handler Address: Plz Rio Hondo De Diego Expwy
Handler City,State,Zip: BAYAMON, PR 00961
EPA ID: PRR000003137
Contact Name: Not reported
Contact Address: PLZ RIO HONDO DE DIEGO EXPWY
Contact City,State,Zip: BAYAMON, PR 00961
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PLZ RIO HONDO DE DIEGO EXPWY
Mailing City,State,Zip: BAYAMON, PR 00961
Owner Name: Walgreens
Owner Type: Private
Operator Name: Walgreens
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 235 (Continued) **1001113902**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D011
Waste Description:	Silver

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: WALGREENS	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	DE DIEGO EXPWY PLZ RIO HONDO
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-784-4450
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WALGREENS 235 (Continued) **1001113902**

Owner/Operator Indicator: Owner
Owner/Operator Name: WALGREENS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: DE DIEGO EXPWY PLZ RIO HONDO
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-784-4450
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALGREENS
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: DE DIEGO EXPWY PLZ RIO HONDO
Owner/Operator City,State,Zip: BAYAMON, PR 00961
Owner/Operator Telephone: 787-784-4450
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: WALGREENS 235
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WALGREENS 235
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: WALGREENS 235
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 235 (Continued) **1001113902**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960530
Handler Name: WALGREENS 235	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

WALGREENS 235 **FINDS 1016239342**
PLZ RIO HONDO DE DIEGO EXPWY **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007817489

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016239342
Registry ID:	110007817489
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007817489
Name:	WALGREENS 235
Address:	PLZ RIO HONDO DE DIEGO EXPWY

Site	Database(s)	EDR ID Number EPA ID Number

WALGREENS 235 (Continued) **1016239342**

City,State,Zip: BAYAMON, PR 00961

V SUAREZ & COMPANY **ECHO** **1017768863**
300 RD PR-5 INDUSTRIAL LUCHETTI **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1017768863
Registry ID:	110063843818
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110063843818
Name:	V SUAREZ & COMPANY
Address:	300 RD PR-5 INDUSTRIAL LUCHETTI
City,State,Zip:	BAYAMON, PR 00961

V SUAREZ & COMPANY **RCRA-VSQG** **1017780604**
300 RD PR-5 INDUSTRIAL LUCHETTI **FINDS** **PRN008027609**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20150225
Handler Name:	V Suarez & Company
Handler Address:	Rd Pr-5 Industrial Luchetti
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008027609
Contact Name:	CARLOS SALDANA
Contact Address:	PO BOX 364588
Contact City,State,Zip:	SAN JUAN, PR 00936-4588
Contact Telephone:	787-792-1212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 364588
Mailing City,State,Zip:	SAN JUAN, PR 00936-4588
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

Site	Database(s)	EDR ID Number EPA ID Number

V SUAREZ & COMPANY (Continued) **1017780604**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150225
Handler Name: V SUAREZ & COMPANY	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	20150309
Actual Return to Compliance Date:	20150309

Site	Database(s)	EDR ID Number EPA ID Number

V SUAREZ & COMPANY (Continued) **1017780604**

Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20150309
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: IRR
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150224
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: IRR
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20150309
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110063843818

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the

Site	Database(s)	EDR ID Number EPA ID Number

V SUAREZ & COMPANY (Continued) **1017780604**

Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

BANFIELD PET HOSPITAL #2188 **RCRA-VSQG** **1018281869**
200 RAFAEL CORDERO AVE SUITE 100 **FINDS** **PRR000025700**
CAGUAS, PR 00961 **ECHO**
E MANIFEST

RCRA Listings:

Date Form Received by Agency:	20160603
Handler Name:	Banfield Pet Hospital #2188
Handler Address:	Rafael Cordero Ave Suite 100
Handler City,State,Zip:	CAGUAS, PR 00961
EPA ID:	PRR000025700
Contact Name:	SEAN AKERS
Contact Address:	PO BOX 13998
Contact City,State,Zip:	PORTLAND, OR 97213
Contact Telephone:	503-922-5217
Contact Fax:	Not reported
Contact Email:	SEAN.AKERS@BANFIELD.NET
Contact Title:	REGULATORY COMPLIANCE SPECIALIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 13998
Mailing City,State,Zip:	PORTLAND, OR 97213
Owner Name:	Medical Managment International, Inc
Owner Type:	Private
Operator Name:	Banfield Pet Hospital
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

Site	Database(s)	EDR ID Number EPA ID Number

BANFIELD PET HOSPITAL #2188 (Continued) **1018281869**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160603
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BANFIELD PET HOSPITAL
Legal Status:	Private
Date Became Current:	20141006
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEDICAL MANAGMENT INTERNATIONAL, INC
Legal Status:	Private
Date Became Current:	20141006
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 13998
Owner/Operator City,State,Zip:	PORTLAND, OR 97213
Owner/Operator Telephone:	503-922-5217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160603
Handler Name:	BANFIELD PET HOSPITAL #2188
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small

Site	Database(s)	EDR ID Number EPA ID Number

BANFIELD PET HOSPITAL #2188 (Continued) **1018281869**

	Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541940
NAICS Description:	Veterinary Services

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110069288032

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1018281869
Registry ID:	110069288032
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069288032
Name:	BANFIELD PET HOSPITAL #2188
Address:	200 RAFAEL CORDERO AVE SUITE 100
City,State,Zip:	CAGUAS, PR 00961

MCQUAY CARIBE INC **E MANIFEST** **1027843245**
90 RIO HONDO AVE PMB493 **N/A**
BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
CENTRO MONTESORIANO DE BAYAMON **RIVERVIEW URBANIZATION, W-4 20TH ST** **BAYAMON, PR 00961**	**FTTS**	**1010149638** **N/A**

FTTS INSP:

Inspection Number:	2006011900025 1
Region:	02
Inspection Date:	01/19/06
Inspector:	L. SAN MIGUEL
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	For Cause, Follow-Up
Legislation Code:	TSCA
Facility Function:	User

ROAD 28 KILOMETER 2 **BAYANON, PR 00961**	**ERNS**	**2007850661** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD 28 KILOMETER 2 **BAYANON, PR 00961**	**ERNS**	**2008890808** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD 28 KILOMETER 2 **BAYANON, PR 00961**	**ERNS**	**2009903250** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD 28 KILOMETER 2 **BAYAMON, PR 00961**	**ERNS**	**2009916909** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD 28 KILOMETER 2 **BAYAMON, PR 00961**	**ERNS**	**2009921401** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number / EPA ID Number

CLEAN PRODUCT & ASPHALT PLANT TRUCK RACKS — **FINDS** — **1016158153**
ROAD 28 KILOMETER 2.0 — **FUELS PROGRAM** — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070239600

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT (CAA) EPA ESTABLISHES FUEL QUALITY STANDARDS TO HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT FROM HARMFUL GAS AND PARTICULATE MATTER EMISSIONS FROM MOTOR VEHICLES AND ENGINES. THE OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) HAS DEVELOPED THE REGISTRATION AND DC FUELS ONLINE APPLICATIONS IMPLEMENTED THROUGH EPA S CENTRAL DATA EXCHANGE (CDX) WHICH PROVIDES ONLINE APPLICATIONS TO ASSIST THE FUEL MANUFACTURING COMMUNITY WITH REGISTRATION AND COMPLIANCE WITH REPORTING REQUIREMENTS.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

FUELS PROGRAM:

Name:	CLEAN PRODUCT & ASPHALT PLANT TRUCK RACKS
Address:	ROAD 28 KILOMETER 2.0
Address 2:	LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
Program Type:	Gasoline, Diesel
Company Seq. ID:	4108
Business Activity:	Refiner, Non-Renewable Fuels Importer, PADD Importer
Company Name:	CARIBBEAN PETROLEUM CORP
Company Address:	PO Box 361988 San Juan, PR 00936
Facility ID:	82177
Facility Type:	Diesel/Biodiesel
Facility Activity:	Truck Loading Terminal/Locomotive Marker Facility
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10026447

CPC 12IN AND 20IN TRANSFER LINES — **FINDS** — **1016158152**
ROAD 28 KILOMETER 2.0 — **FUELS PROGRAM** — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070239599

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT (CAA) EPA ESTABLISHES FUEL QUALITY STANDARDS TO HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT FROM HARMFUL GAS AND PARTICULATE MATTER EMISSIONS FROM MOTOR VEHICLES AND ENGINES. THE OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) HAS DEVELOPED THE REGISTRATION AND DC FUELS ONLINE APPLICATIONS IMPLEMENTED THROUGH EPA S CENTRAL DATA EXCHANGE (CDX) WHICH PROVIDES ONLINE APPLICATIONS TO ASSIST THE FUEL MANUFACTURING

Site	Database(s)	EDR ID Number EPA ID Number

CPC 12IN AND 20IN TRANSFER LINES (Continued) **1016158152**

COMMUNITY WITH REGISTRATION AND COMPLIANCE WITH REPORTING REQUIREMENTS.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

FUELS PROGRAM:

Name:	CPC 12IN AND 20IN TRANSFER LINES
Address:	ROAD 28 KILOMETER 2.0
Address 2:	LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
Program Type:	Gasoline, Diesel
Company Seq. ID:	4108
Business Activity:	Refiner, Non-Renewable Fuels Importer, PADD Importer
Company Name:	CARIBBEAN PETROLEUM CORP
Company Address:	PO Box 361988 San Juan, PR 00936
Facility ID:	82176
Facility Type:	Diesel/Biodiesel
Facility Activity:	Pipeline/Pass-Through Terminal Facility
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10026446

CPC CRUDE OIL REFINERY **FINDS** **1016158155**
ROAD 28 KILOMETER 2.0 **FUELS PROGRAM** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070239602

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT (CAA) EPA ESTABLISHES FUEL QUALITY STANDARDS TO HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT FROM HARMFUL GAS AND PARTICULATE MATTER EMISSIONS FROM MOTOR VEHICLES AND ENGINES. THE OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) HAS DEVELOPED THE REGISTRATION AND DC FUELS ONLINE APPLICATIONS IMPLEMENTED THROUGH EPA S CENTRAL DATA EXCHANGE (CDX) WHICH PROVIDES ONLINE APPLICATIONS TO ASSIST THE FUEL MANUFACTURING COMMUNITY WITH REGISTRATION AND COMPLIANCE WITH REPORTING REQUIREMENTS.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

FUELS PROGRAM:

Name:	CPC CRUDE OIL REFINERY
Address:	ROAD 28 KILOMETER 2.0
Address 2:	LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
Program Type:	Gasoline, Diesel
Company Seq. ID:	4108
Business Activity:	Refiner, Non-Renewable Fuels Importer, PADD Importer
Company Name:	CARIBBEAN PETROLEUM CORP

Site	Database(s)	EDR ID Number EPA ID Number

CPC CRUDE OIL REFINERY (Continued) **1016158155**

Company Address:	PO Box 361988 San Juan, PR 00936
Facility ID:	82179
Facility Type:	Diesel/Biodiesel
Facility Activity:	Refinery, Non Renewable Fuels Importer Facility, Truck Loading Terminal/Locomotive Marker Facility, Other, Pipeline/Pass-Through Terminal Facility
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10026449

CPC STORAGE FACILITY **FINDS** **1016158154**
ROAD 28 KILOMETER 2.0 **FUELS PROGRAM** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070239601

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT (CAA) EPA ESTABLISHES FUEL QUALITY STANDARDS TO HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT FROM HARMFUL GAS AND PARTICULATE MATTER EMISSIONS FROM MOTOR VEHICLES AND ENGINES. THE OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) HAS DEVELOPED THE REGISTRATION AND DC FUELS ONLINE APPLICATIONS IMPLEMENTED THROUGH EPA S CENTRAL DATA EXCHANGE (CDX) WHICH PROVIDES ONLINE APPLICATIONS TO ASSIST THE FUEL MANUFACTURING COMMUNITY WITH REGISTRATION AND COMPLIANCE WITH REPORTING REQUIREMENTS.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

FUELS PROGRAM:

Name:	CPC STORAGE FACILITY
Address:	ROAD 28 KILOMETER 2.0
Address 2:	LUCHETTI INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR 00961
Program Type:	Gasoline, Diesel
Company Seq. ID:	4108
Business Activity:	Refiner, Non-Renewable Fuels Importer, PADD Importer
Company Name:	CARIBBEAN PETROLEUM CORP
Company Address:	PO Box 361988 San Juan, PR 00936
Facility ID:	82178
Facility Type:	Diesel/Biodiesel
Facility Activity:	Other
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10026448

Site	Database(s)	EDR ID Number EPA ID Number
GULF S/S #199 (ANTES #428) **ROAD 2 KM 14.2 HATO TEJAS** **BAYAMON, PR 00961**	**UST**	**U003429546** **N/A**

UST:

Facility ID:	2-860216
Tank Status:	Bayamon
Substance Description:	Not reported
Facility ID:	2-860216
Tank Status:	Bayamon
Substance Description:	Not reported
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-860216
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

GULF S/S #402 **ROAD 2 ,KM.14.5 HATO TEJAS HATO TEJAS** **BAYAMON, PR 00961**	**UST**	**U003431207** **N/A**

UST:

Facility ID:	2-890171
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-890171
Tank Status:	Permanently Out of Use
Substance Description:	Used Oil
Facility ID:	2-890171
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-890171
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-890171
Tank Status:	Currently In Use

Site	Database(s)	EDR ID Number EPA ID Number

GULF S/S #402 (Continued) **U003431207**

Substance Description: Not reported

ISLAND CAN CARRIBEAN INC **FINDS 1004592206**
ROAD 28 CORNER 5 **ECHO N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110000580470

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1004592206
Registry ID:	110000580470
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000580470
Name:	ISLAND CAN CARRIBEAN INC
Address:	ROAD 28 CORNER 5
City,State,Zip:	BAYAMON, PR 00961

PRASA BAYAMON RWWTP **ECHO 1022261766**
ROAD 869 KM 2.9 BO. PALMAS **PFAS ECHO N/A**
CATA O, PR 00961

ECHO:

Envid:	1022261766
Registry ID:	110027218311
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110027218311
Name:	PRASA BAYAMON RWWTP
Address:	ROAD 869 KM 2.9 BO. PALMAS
City,State,Zip:	CATA O, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
PRASA BAYAMON RWWTP **ROAD 869 KM 2.9 BO. PALMAS** **CATA O, PR 00961**	**FINDS**	**1031018834** **N/A**

FINDS:
Registry ID: 110027218311

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PREPA (BAYAMON TRANSMISSION CENTER) **ROAD NO 21 VILLA ESPANA** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1004591652** **N/A**

FTTS INSP:
Inspection Number: 199707170002 1
Region: 02
Inspection Date: 07/17/97
Inspector: E. MEDINA, FC
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 199707170002 1
Region: 02
Inspection Date: Not reported
Inspector: E. MEDINA, FC

Site	Database(s)	EDR ID Number EPA ID Number

PREPA (BAYAMON TRANSMISSION CENTER) (Continued) **1004591652**

Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

TRADEWIND FOODS, INC. **ECHO** **1022284593**
ROAD PR-5, CORNER PR-28, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAM N, PR 00961

ECHO:
Envid: 1022284593
Registry ID: 110069338416
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069338416
Name: TRADEWIND FOODS, INC.
Address: ROAD PR-5, CORNER PR-28, LUCHETTI INDUSTRIAL PARK
City,State,Zip: BAYAM N, PR 00961

TRADEWIND FOODS, INC. **PFAS ECHO** **1027430350**
ROAD PR-5, CORNER PR-28, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAM N, PR 00961

TRADEWIND FOODS, INC. **FINDS** **1031019947**
ROAD PR-5, CORNER PR-28, LUCHETTI INDUSTRIAL PARK **N/A**
BAYAM N, PR 00961

FINDS:
Registry ID: 110069338416

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

TRISTANI RUBBER INDUSTRIES, INC **FINDS** **1004590030**
ROAD NO 2, KM 15.1 **N/A**
HATO TEJAS, PR 00961

FINDS:
Registry ID: 110011777979

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the

Site	Database(s)	EDR ID Number EPA ID Number

TRISTANI RUBBER INDUSTRIES, INC (Continued) **1004590030**

Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

TRISTANI RUBBER INDUSTRIES, INC **FTTS** **1007297068**
ROAD NO 2, KM 15.1 **HIST FTTS** **N/A**
HATO TEJAS, PR 00961

FTTS INSP:

Inspection Number:	19930223PR003 1
Region:	02
Inspection Date:	02/23/93
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	19930223PR003 1
Region:	02
Inspection Date:	Not reported
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

FOMENTO INDUSTRIAL BUILDING S-0115 **E MANIFEST** **1027986988**
ROAD#28 ESQ 5 IND LUCHETTI **N/A**
BAYAMON, PR 00961

PRASA BAYAMON **US AIRS** **1009800427**
SABANA SECA AVE **N/A**
BAYAMON, PR 00961

US AIRS MINOR:

Envid:	1009800427
Region Code:	02
Programmatic ID:	AIR PR0000007202100244
Facility Registry ID:	110027218311
D and B Number:	Not reported
Primary SIC Code:	4952
NAICS Code:	221320
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	CTG
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1009800427**

Region Code:	02
Programmatic ID:	AIR PR0000007202100244
Facility Registry ID:	110027218311
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-06-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

PRASA BAYAMON **ICIS 1019913881**
SABANA SECA AVENUE **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-2004-3069
FRS ID:	110027218311
Action Name:	Bayamon Regional WWTP (River View Sanitary Collection System)
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-2003-3022
FRS ID:	110027218311
Action Name:	PRASA Bayamon Reigonal WWTP
Facility Name:	PRASA BAYAMON REGIONAL WWTP
Facility Address:	SABANA SECA AVENUE CATANO, PR 00962
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	2658197
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Enforcement Action ID: 02-200002692
FRS ID: 110027218311
Action Name: PRSA Bayamon WWTP
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: Agency Enforcement Review
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-200002692
FRS ID: 110027218311
Action Name: PRSA Bayamon WWTP
Facility Name: PRASA BAYAMON REGIONAL WWTP
Facility Address: SABANA SECA AVENUE
CATANO, PR 00962
Enforcement Action Type: Agency Enforcement Review
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 2658197
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1999-3077
FRS ID: 110027218311
Action Name: PRASA - BAYAMON REGIONAL WTP
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0286
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - VILLAS DE BUENA VISTA PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0285
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - CERRO GORDO P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0284
FRS ID: 110027218311
Action Name: PRASA - BAYAMON WWTP - SANTA CATALINA P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0283
FRS ID: 110027218311
Action Name: PRASA - BAYAMON WWTP - JUAN SANCHEZ III PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0282
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - JUAN SANCHEZ I PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0281
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - JARDINES DE LA FUENTA PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0280
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - LAS COLINAS PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0279
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - SAN PEDRO PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0278
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - LA PROVIDECIA PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0277
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - MONTE VERDE PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0276
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - MIRAFLORES
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1998-0275
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - RIO PLANATION PS
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

	BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0274
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - SIDERUGICA P.S.
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE
	BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0273
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - LAS VEGAS PS
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE
	BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0272
FRS ID:	110027218311

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Action Name:	PRASA - BAYAMON - LUCHETTI ES
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0271
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - ENERAMDA PS
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0270
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - LEVITTOWN I PS
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Enforcement Action ID:	02-1998-0269
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - LAS VERDES PS
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0268
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON - CAMINO DEL MAR PS
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1998-0177
FRS ID:	110027218311
Action Name:	PRASA - BAYAMON REGIONAL WWTP
Facility Name:	PRASA BAYAMON
Facility Address:	SABANA SECA AVENUE BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	4952
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.443558
Longitude in Decimal Degrees:	-66.151833
Permit Type Desc:	Not reported
Program System Acronym:	43072

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0408
FRS ID: 110027218311
Action Name: PRASA - BAYAMON
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0327
FRS ID: 110027218311
Action Name: PRASA - BAYAMON
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0059
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - MIRAFLORES P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0058
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - JUAN SANCHEZ II P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0057
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - SERRA BERDECIA P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1997-0056
FRS ID: 110027218311
Action Name: PRASA - BAYAMON - COLINES METROPOLITANAS P.S.
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1996-0122
FRS ID: 110027218311
Action Name: PRASA - BAYAMON
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309A AO For Compliance
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1996-0089
FRS ID: 110027218311
Action Name: PRASA - BAYAMON STP
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309G2B AO For Class II Penalties
Facility County: BAYAMON
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309G2B
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1993-0052
FRS ID: 110027218311
Action Name: PRASA (BAYAMON)
Facility Name: PRASA BAYAMON
Facility Address: SABANA SECA AVENUE
BAYAMON, PR 00961
Enforcement Action Type: CWA 309G2B AO For Class II Penalties
Facility County: BAYAMON

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309G2B
Facility SIC Code: 4952
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 18.443558
Longitude in Decimal Degrees: -66.151833
Permit Type Desc: Not reported
Program System Acronym: 43072
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

Facility Name: PRASA BAYAMON
Address: SABANA SECA AVE
Tribal Indicator: N

Site	Database(s)	EDR ID Number EPA ID Number

PRASA BAYAMON (Continued) **1019913881**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 4952

HOSPITAL SAN PABLO **UST** **1000573859**
SANTA CRUZ # 70 URB. SANTA CRUZ **N/A**
BAYAMON, PR 00961

UST:

Facility ID: 2-880008
Tank Status: Permanently Out of Use
Substance Description: Diesel

Facility ID: 2-880008
Tank Status: Permanently Out of Use
Substance Description: Heating Oil

Facility ID: 2-880008
Tank Status: Currently in Use
Substance Description: Not reported

Facility ID: 2-880008
Tank Status: Currently in Use
Substance Description: Not reported

TEXACO PR - SANTA CRUZ SERVICE STATION **FINDS** **1016982862**
PR-2 SANTA CRUZ ST **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007815766

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016982862
Registry ID: 110007815766
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007815766
Name: TEXACO PR - SANTA CRUZ SERVICE STATION
Address: PR-2 SANTA CRUZ ST
City,State,Zip: BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
VELEZ PUERTO RICO SUPER STATION **25 SANTA CLARA ST** **BAYAMON, PR 00961**	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004778881** **PRO007002389**

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		Velez Puerto Rico Super Station
Handler Address:		Santa Clara St
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRO007002389
Contact Name:		Not reported
Contact Address:		SANTA CLARA ST
Contact City,State,Zip:		BAYAMON, PR 00961
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		SANTA CLARA ST
Mailing City,State,Zip:		BAYAMON, PR 00961
Owner Name:	Non Regulated	
Owner Type:		Private
Operator Name:	Non Regulated	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A

Site	Database(s)	EDR ID Number EPA ID Number

VELEZ PUERTO RICO SUPER STATION (Continued) **1004778881**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NON REGULATED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, PR 99999
Owner/Operator Telephone:	787-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19980401
Handler Name: VELEZ PUERTO RICO SUPER STATION	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small

Site	Database(s)	EDR ID Number EPA ID Number

VELEZ PUERTO RICO SUPER STATION (Continued) **1004778881**

	Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	VELEZ PUERTO RICO SUPER STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080101
Handler Name:	VELEZ PUERTO RICO SUPER STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004891154

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the

Site	Database(s)	EDR ID Number EPA ID Number

VELEZ PUERTO RICO SUPER STATION (Continued) **1004778881**

Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1004778881
Registry ID:	110004891154
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004891154
Name:	VELEZ PUERTO RICO SUPER STATION
Address:	25 SANTA CLARA ST
City,State,Zip:	BAYAMON, PR 00961

CORPORACION LOS HERMANANOS **RCRA NonGen / NLR** **1010331774**
SECTOR INDUST CORUJO LOTE 17 **PRR000019968**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Corporacion Los Hermananos
Handler Address:	Sector Indust Corujo Lote 17
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000019968
Contact Name:	ROSALMA ORTIZ
Contact Address:	PMB 1820 CALLE PARIS 243
Contact City,State,Zip:	HATO REY, PR 00917
Contact Telephone:	787-756-0135
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PMB 1820 CALLE PARIS 243
Mailing City,State,Zip:	HATO REY, PR 00917
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

Site	Database(s)	EDR ID Number EPA ID Number

CORPORACION LOS HERMANANOS (Continued) **1010331774**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20070413
Handler Name:	CORPORACION LOS HERMANANOS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070412
Handler Name:	CORPORACION LOS HERMANANOS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CORPORACION LOS HERMANANOS (Continued) **1010331774**

Receive Date:	20080101
Handler Name:	CORPORACION LOS HERMANANOS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Used Oil - Dust Suppressant and Disposal
Date Violation was Determined:	20070326
Actual Return to Compliance Date:	20081112
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2JAS
Enforcement Responsible Sub-Organization:	CEPD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes

Site	Database(s)	EDR ID Number EPA ID Number

CORPORACION LOS HERMANANOS (Continued) **1010331774**

Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20070326
Actual Return to Compliance Date: 20081112
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080930
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2JAS
Enforcement Responsible Sub-Organization: CEPD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20070326
Actual Return to Compliance Date: 20081112
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080930
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CORPORACION LOS HERMANANOS (Continued) **1010331774**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2JAS
Enforcement Responsible Sub-Organization: CEPD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20070326
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2ERG
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: 20081112
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070326
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2ERG
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: 20081112
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070326
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R2ERG
Evaluation Responsible Sub-Organization: CEPD
Actual Return to Compliance Date: 20081112
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

ESCUELA JOSE DAVILA SEMPRIT **UST** **U003431995**
33 ST. SIERRA BAYAMON **N/A**
BAYAMON, PR 00961

UST:

Facility ID:	2-950047
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline

IMAGENES PRINTING INC **RCRA NonGen / NLR** **1010567494**
13 SIERRA BAYAMON BLOQUE Q31 **PRN000021345**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080129
Handler Name:	Imagenes Printing Inc
Handler Address:	Sierra Bayamon Bloque Q31
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN000021345
Contact Name:	JOSE F PENA
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	787-269-3130
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 367202
Mailing City,State,Zip:	SAN JUAN, PR 00936-7202
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

Site	Database(s)	EDR ID Number EPA ID Number

IMAGENES PRINTING INC (Continued) **1010567494**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20080129
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D011
Waste Description:	Silver

Historic Generators:

Receive Date:	20080129
Handler Name: IMAGENES PRINTING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080128
Handler Name: IMAGENES PRINTING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Site	Database(s)	EDR ID Number EPA ID Number

IMAGENES PRINTING INC (Continued) **1010567494**

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20050520
Actual Return to Compliance Date:	20070703
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20050520
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	ECRO
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20050503
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20070703
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

IMAGENES PRINTING INC — **FINDS** — **1010690063**
13 SIERRA BAYAMON BLOQUE Q31 — **ECHO** — **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110033159828

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1010690063
Registry ID:	110033159828
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110033159828
Name:	IMAGENES PRINTING INC
Address:	13 SIERRA BAYAMON BLOQUE Q31
City,State,Zip:	BAYAMON, PR 00961

BUENA VISTA PRESS INC — **RCRA NonGen / NLR** — **1010331574**
17 B ST — **PRN008016388**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Buena Vista Press Inc
Handler Address:	B St
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRN008016388
Contact Name:	CARLOS A PEREZ
Contact Address:	PO BOX 2715
Contact City,State,Zip:	BAYAMON, PR 00960-2715
Contact Telephone:	787-740-3333
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2715
Mailing City,State,Zip:	BAYAMON, PR 00960-2715
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

Site	Database(s)	EDR ID Number EPA ID Number

BUENA VISTA PRESS INC (Continued) **1010331574**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:		20070516
Handler Name:	BUENA VISTA PRESS INC	
Federal Waste Generator Description:		Not a generator, verified
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		No
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

Receive Date:		20080101
Handler Name:	BUENA VISTA PRESS INC	

Site	Database(s)	EDR ID Number EPA ID Number

BUENA VISTA PRESS INC (Continued) **1010331574**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

BUENA VISTA PRESS INC **FINDS 1010438310**
17 B ST **ECHO N/A**
BAYAMON, PR 00961

FINDS:

Registry ID: 110031366484

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1010438310
Registry ID:	110031366484
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031366484
Name:	BUENA VISTA PRESS INC
Address:	17 B ST
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number
HENFRAMAR CORP **D. ST LUCHETTI IND. PK** **BAYAMON, PR 00961**	**ICIS** **FINDS** **ECHO**	**1005671330** **N/A**

ICIS:

Enforcement Action ID:	02-2000-5302
FRS ID:	110010763101
Action Name:	HENFRAMAR CORP
Facility Name:	HENFRAMAR CORP
Facility Address:	D. ST LUCHETTI IND. PK BAYAMON, PR 00961
Enforcement Action Type:	FIFRA 14 AO For Comp And Penalties (Old)
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	14
Facility SIC Code:	2099
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.40566
Longitude in Decimal Degrees:	-66.19539
Permit Type Desc:	Not reported
Program System Acronym:	32873
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	HENFRAMAR CORP
Address:	D. ST LUCHETTI IND. PK
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2099

Facility Name:	HENFRAMAR CORP
Address:	D. ST LUCHETTI IND. PK
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2099

Facility Name:	HENFRAMAR CORP
Address:	D. ST LUCHETTI IND. PK
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2099

Facility Name:	HENFRAMAR CORP
Address:	D. ST LUCHETTI IND. PK
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2099

FINDS:

Registry ID: 110010763101

Click Here for FRS Facility Detail Report:

Site	Database(s)	EDR ID Number EPA ID Number

HENFRAMAR CORP (Continued) **1005671330**

Environmental Interest/Information System:

The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1005671330
Registry ID:	110010763101
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010763101
Name:	HENFRAMAR CORP
Address:	D. ST LUCHETTI IND. PK
City,State,Zip:	BAYAMON, PR 00961

MISTOLIN CARIBE, INC **FTTS** **1009518393**
A ST LOT #28 LUCHETTI INDUSTRIAL PARK **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	199611250002 1
Region:	02
Inspection Date:	11/25/96
Inspector:	E. MEDINA, FC
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	199611250002 1
Region:	02
Inspection Date:	Not reported
Inspector:	E. MEDINA, FC
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

Site	Database(s)	EDR ID Number EPA ID Number

C ST. BUILDING 36
BAYAMON, PR 00961

ERNS **2000537442**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BAYAMON STEEL PROCESSORS
STATE ROAD #28, LOT 30-B
LUCHETTI IND. PARK, PR 00961

FINDS **1027032970**
N/A

FINDS:
Registry ID: 110071100947

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

CARIBBEAN PETROLEUM REFINERY L.P.
STATE RD #28, LUCHETTI INDUSTRIES PARK
BAYAMON, PR 00961

ICIS **1018293598**
N/A

ICIS:

Enforcement Action ID:	02-2010-3801
FRS ID:	110008471956
Action Name:	Caribbean Petroleum Refining, L.P. (CAPECO)
Facility Name:	CARIBBEAN PETROLEUM REFINERY L.P.
Facility Address:	STATE RD #28, LUCHETTI INDUSTRIES PARK BAYAMON, PR 00961
Enforcement Action Type:	CWA 311C AO For Removal
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	311C
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.416587
Longitude in Decimal Degrees:	-66.133292
Permit Type Desc:	Not reported
Program System Acronym:	44230
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-2010-0017
FRS ID:	110008471956
Action Name:	Caribbean Petroleum Refining, LP et al.
Facility Name:	CARIBBEAN PETROLEUM REFINERY L.P.
Facility Address:	STATE RD #28, LUCHETTI INDUSTRIES PARK BAYAMON, PR 00961
Enforcement Action Type:	Bankruptcy

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.416587
Longitude in Decimal Degrees:	-66.133292
Permit Type Desc:	Not reported
Program System Acronym:	44230
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-1999-3801
FRS ID:	110008471956
Action Name:	CARIBBEAN PETROLEUM REFINING L.P.
Facility Name:	CARIBBEAN PETROLEUM REFINERY L.P.
Facility Address:	STATE RD #28, LUCHETTI INDUSTRIES PARK BAYAMON, PR 00961
Enforcement Action Type:	CWA 311B AO For Compliance, Penalties (Old)
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	311B
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.416587
Longitude in Decimal Degrees:	-66.133292
Permit Type Desc:	Not reported
Program System Acronym:	44230
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

CARIBBEAN PETROLEUM REFINERY L.P. (Continued) **1018293598**

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

PUERTO RICO CONTAINERS **SEMS** **1015731862**
STATE ROAD 2, KM 15.2, **PRN000204378**
BAYAMON, PR 00961

SEMS:
Site ID: 0204378
EPA ID: PRN000204378
Name: PUERTO RICO CONTAINERS
Address: STATE ROAD 2, KM 15.2,
Address 2: CORUJO INDUSTRIAL PARK
City,State,Zip: BAYAMON, PR 00961
Cong District: Not reported
FIPS Code: 72021
Latitude: +18.408333
Longitude: -066.191667
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:
Region: 02
Site ID: 0204378
EPA ID: PRN000204378
Site Name: PUERTO RICO CONTAINERS
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2013-07-02 05:00:00
Finish Date: 2013-07-02 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204378

Site	Database(s)	EDR ID Number EPA ID Number
PUERTO RICO CONTAINERS (Continued)		**1015731862**

EPA ID:	PRN000204378
Site Name:	PUERTO RICO CONTAINERS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	2002-06-13 04:00:00
Qual:	H
Current Action Lead:	St Perf

Region:	02
Site ID:	0204378
EPA ID:	PRN000204378
Site Name:	PUERTO RICO CONTAINERS
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	Not reported
Finish Date:	2002-06-13 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

Region:	02
Site ID:	0204378
EPA ID:	PRN000204378
Site Name:	PUERTO RICO CONTAINERS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2002-06-13 04:00:00
Finish Date:	2002-06-13 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

Region:	02
Site ID:	0204378
EPA ID:	PRN000204378
Site Name:	PUERTO RICO CONTAINERS
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	2005-03-17 05:00:00
Finish Date:	2005-07-27 04:00:00
Qual:	N
Current Action Lead:	St Perf

Site	Database(s)	EDR ID Number EPA ID Number
PUERTO RICO CONTAINERS **STATE ROAD 2, KM 15.2,** **BAYAMON, PR 00961**	**FINDS**	**1027032653** **N/A**

FINDS:
Registry ID: 110071100355

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

INSULAR WIRE PRODUCTS CORP **STB LOT 20** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1007562969** **N/A**

FTTS:

Case Number:	Not reported
Docket Number:	EP-SUP-95-0303
Complaint Issue Date:	06/06/95
Abatement Amount:	0.0000
Proposed Penalty:	51000.0000
Final Assessment:	21449.0000
Final Order Date:	09/30/96
Close Date:	/ /
Violations(s):	EPCRA, Nonreporting/Failure to RPT to EPA EPCRA, Failure to Report to State

HIST FTTS:

Case Number:	Not reported
Docket Number:	EP-SUP-95-0303
Complaint Issue Date:	06/06/1995
Abatement Amount:	0.0000
Proposed Penalty:	51000.0000
Final Assessment:	21449.0000
Final Order Date:	09/30/1996
Close Date:	/ /
Violations(s):	EPCRA, Nonreporting/Failure to RPT to EPA EPCRA, Failure to Report to State

Site	Database(s)	EDR ID Number EPA ID Number
STREET 3 **BAYAMON, PR 00961**	**ERNS**	**2011985107** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

STREET 42 **BAYAMON, PR 00961**	**ERNS**	**98434606** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BETTEROADS ASPHALT CORP **C STREET LOT #39 LUCHETTI IND PK** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1007270402** **N/A**

FTTS INSP:

Inspection Number:	20020529IA008 1
Region:	07
Inspection Date:	05/29/02
Inspector:	SCHLIFE
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	20020529IA008 1
Region:	07
Inspection Date:	Not reported
Inspector:	SCHLIFE
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HENFRAMAR CORP **STREET D, #8 LUCHETTI INDUSTRIAL PK** **BAYAMON, PR 00961**	**FTTS** **HIST FTTS**	**1004590086** **N/A**

FTTS INSP:

Inspection Number:	19921209PR003 2
Region:	02
Inspection Date:	12/09/92
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

Site	Database(s)	EDR ID Number EPA ID Number

HENFRAMAR CORP (Continued) **1004590086**

HIST FTTS INSP:

Inspection Number:	19921209PR003 2
Region:	02
Inspection Date:	Not reported
Inspector:	I. TORRES RIVERA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HENFRAMAR CORP **FTTS** **1007280875**
D STREET LUCHETTI IND PK **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	19921202A2004 1
Region:	02
Inspection Date:	12/02/92
Inspector:	J. BLUM, AL
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, SEE Conducted
Investigation Reason:	For Cause, Government
Legislation Code:	EPCRA
Facility Function:	Processor

HIST FTTS INSP:

Inspection Number:	19921202A2004 1
Region:	02
Inspection Date:	Not reported
Inspector:	J. BLUM, AL
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, SEE Conducted
Investigation Reason:	For Cause, Government
Legislation Code:	EPCRA
Facility Function:	Processor

INDUSTRIAS LA FAMOSA CANNING COMPANY **ICIS** **1018312351**
865 STREET & 866 STREET **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-1986-0179
FRS ID:	110063925864
Action Name:	INDUSTRIAS LA FAMOSA INC
Facility Name:	INDUSTRIAS LA FAMOSA CANNING COMPANY
Facility Address:	865 STREET & 866 STREET BAYAMON, PR 00961
Enforcement Action Type:	Civil Judicial Action
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial

Site	Database(s)	EDR ID Number EPA ID Number

INDUSTRIAS LA FAMOSA CANNING COMPANY (Continued) **1018312351**

EA Type Code:	CIV
Facility SIC Code:	2033
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.415982
Longitude in Decimal Degrees:	-66.201931
Permit Type Desc:	Not reported
Program System Acronym:	29283
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

INSULAR WIRE PRODUCTS CORP **ICIS** **1018284020**
STREET B-LOT 20 LUCHETTI INDUSTRIAL PARK **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-1995-0111
FRS ID:	110000307873
Action Name:	INSULAR WIRE PRODUCTS CORPORATION
Facility Name:	INSULAR WIRE PRODUCTS CORP
Facility Address:	STREET B-LOT 20 LUCHETTI INDUSTRIAL PARK BAYAMON, PR 00961
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	BAYAMON
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.415122
Longitude in Decimal Degrees:	-66.168036
Permit Type Desc:	Not reported
Program System Acronym:	44691
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	INSULAR WIRE PRODUCTS CORP.
Address:	CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	INSULAR WIRE PRODUCTS CORP.
Address:	CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	INSULAR WIRE PRODUCTS CORP.
Address:	CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

INSULAR WIRE PRODUCTS CORP (Continued) **1018284020**

Facility Name: INSULAR WIRE PRODUCTS CORP.
Address: CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: INSULAR WIRE PRODUCTS CORP.
Address: CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: INSULAR WIRE PRODUCTS CORP.
Address: CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: INSULAR WIRE PRODUCTS CORP.
Address: CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

ISLAND CAN CORP **FTTS** **1006278994**
STREET C, CORNER #28 LUCHETTI IND PARK **HIST FTTS** **N/A**
BAYAMON, PR 00961

FTTS INSP:
Inspection Number: 19921208PR003 2
Region: 02
Inspection Date: 12/08/92
Inspector: I. TORRES RIVERA
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 19921208PR003 2
Region: 02
Inspection Date: Not reported
Inspector: I. TORRES RIVERA
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

Site	Database(s)	EDR ID Number EPA ID Number
AJM MEAT PACKING_INC. **3 STREET, LOT 10 & 11, HATO TEJAS** **BAYAMON, PR 00961**	**FINDS** **ECHO**	**1016297661** **N/A**

FINDS:
Registry ID: 110011777988

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016297661
Registry ID:	110011777988
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110011777988
Name:	AJM MEAT PACKING_INC.
Address:	3 STREET, LOT 10 & 11, HATO TEJAS
City,State,Zip:	BAYAMON, PR 00961

WALMART STORE #2501 **725 725 SUITE 100 WEST MAIN AVENUE** **BAYAMON, PR 00961**	**RCRA-SQG** **FINDS** **ECHO** **E MANIFEST**	**1001225384** **PRR000008391**

RCRA Listings:

Date Form Received by Agency:	20220504
Handler Name:	Walmart #2501
Handler Address:	W Main Ave Ste 100
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000008391
Contact Name:	ROSE CALDWELL
Contact Address:	PO BOX 8041 MS 0505
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-277-8972
Contact Fax:	479-204-9675
Contact Email:	ROSE.ARNOLD@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 8041 MS 0505

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Mailing City,State,Zip:		BENTONVILLE, AR 72712-8041
Owner Name:	Walmart Puerto Rico Inc	
Owner Type:		Private
Operator Name:	Walmart Puerto Rico Inc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20220504
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		H

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D025
Waste Description: P-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D030
Waste Description: 2,4-Dinitrotoluene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Waste Code: D040
Waste Description: Trichloroethylene

Waste Code: D043
Waste Description: Vinyl Chloride

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U034
Waste Description: Acetaldehyde, Trichloro- (Or) Chloral

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U072
Waste Description: Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U134
Waste Description: Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

WALMART STORE #2501 (Continued) **1001225384**

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U249
Waste Description: Zinc Phosphide Zn3p2, When Present At Concentrations Of 10% Or Less

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: Carbamic Acid, [1,2-Phenylenebis (Iminocarbonothioyl)]Bis-, Dimethyl Ester (Or) Thiophanate-Methyl

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: WALMART	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 W MAIN
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-269-2555
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.	
Legal Status:	Private
Date Became Current:	19970702
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-277-8972

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PMB 725 BOX 4960
Owner/Operator City,State,Zip: CAGUAS, PR 00726
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041 MS 0505
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WAL-MART PUERTO RICO INC
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

WALMART STORE #2501 (Continued) **1001225384**

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART PUERTO RICO, INC.
Legal Status: Private
Date Became Current: 19970702
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-277-8972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 479-204-9675
Owner/Operator Email: ROSE.ARNOLD@WALMART.COM

Historic Generators:

Receive Date: 19990708
Handler Name: WALMART
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WALMART
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080810
Handler Name: WAL-MART STORE #2501
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980204
Handler Name: WALMART
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080811
Handler Name: WAL-MART STORE #2501	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20141103
Handler Name: WALMART #2501	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20161129
Handler Name: WALMART #2501	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20181211
Handler Name: WALMART #2501	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190524
Handler Name: WALMART #2501
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191017
Handler Name: WALMART #2501
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210103
Handler Name: WALMART #2501
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220504
Handler Name: WALMART #2501
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

List of NAICS Codes and Descriptions:

NAICS Code:	452311
NAICS Description:	Warehouse Clubs And Supercenters
NAICS Code:	45291
NAICS Description:	Warehouse Clubs And Supercenters
NAICS Code:	452910
NAICS Description:	Warehouse Clubs And Supercenters
NAICS Code:	455211
NAICS Description:	Warehouse Clubs And Supercenters

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20090304
Actual Return to Compliance Date: 20090406
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20090304
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150603
Evaluation Responsible Agency: EPA
Found Violation: No

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R2OSK
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140617
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	CEV
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090304
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20090406
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20021211
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	EJJL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110004893857

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System

Site	Database(s)	EDR ID Number EPA ID Number

WALMART STORE #2501 (Continued) **1001225384**

(RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1001225384
Registry ID:	110004893857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004893857
Name:	WALMART #2501
Address:	725 W MAIN AVE STE 100
City,State,Zip:	BAYAMON, PR 00961

T L C DISTRIBUTION CENTER **RCRA NonGen / NLR** **1004778818**
EL TABANO ST LOT 2 **PRD987381647**
BAYAMON, PR 00961

RCRA Listings:

Date Form Received by Agency:		20080101
Handler Name:		T L C Distribution Center
Handler Address:		El Tabano St Lot 2
Handler City,State,Zip:		BAYAMON, PR 00961
EPA ID:		PRD987381647
Contact Name:		IGNACIO RIVERA
Contact Address:		PO BOX 70310
Contact City,State,Zip:		SAN JUAN, PR 00936-8310
Contact Telephone:		787-269-3620
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 70310
Mailing City,State,Zip:		SAN JUAN, PR 00936-8310
Owner Name:	San Juan Realty Corp	
Owner Type:		Private
Operator Name:	San Juan Realty Corp	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

Site	Database(s)	EDR ID Number EPA ID Number

T L C DISTRIBUTION CENTER (Continued) **1004778818**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20091006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SAN JUAN REALTY CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2000
Owner/Operator City,State,Zip:	CATANO, PR 00963
Owner/Operator Telephone:	787-788-1192
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

T L C DISTRIBUTION CENTER (Continued) **1004778818**

Owner/Operator Indicator: Operator
Owner/Operator Name: SAN JUAN REALTY CORP
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2000
Owner/Operator City,State,Zip: CATANO, PR 00963
Owner/Operator Telephone: 787-788-1192
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAN JUAN REALTY CORP
Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2000
Owner/Operator City,State,Zip: CATANO, PR 00963
Owner/Operator Telephone: 787-788-1192
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: T L C DISTRIBUTION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: T L C DISTRIBUTION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930419
Handler Name: T L C DISTRIBUTION CENTER
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Site	Database(s)	EDR ID Number EPA ID Number

T L C DISTRIBUTION CENTER (Continued) **1004778818**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

T L C DISTRIBUTION CENTER **FINDS** **1016238954**
EL TABANO ST LOT 2 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:

Registry ID:	110007813198

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016238954
Registry ID:	110007813198
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007813198
Name:	T L C DISTRIBUTION CENTER
Address:	EL TABANO ST LOT 2
City,State,Zip:	BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

CHEMPROD CORP — **FTTS** — **1004591699**
URB INDUSTRIAL CORREA, PR #1 KM 12.1 — **HIST FTTS** — **N/A**
BAYAMON, PR 00961

FTTS INSP:

Inspection Number:	1996090510901 1
Region:	02
Inspection Date:	09/05/96
Inspector:	L. SANTOS
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	EPCRA
Facility Function:	Manufacturer

HIST FTTS INSP:

Inspection Number:	1996090510901 1
Region:	02
Inspection Date:	Not reported
Inspector:	L. SANTOS
Violation occurred:	No
Investigation Type:	EPCRA, Enforcement, Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	EPCRA
Facility Function:	Manufacturer

DANOSA CARIBBEAN INC — **TRIS** — **1016680373**
URB INDUSTRIAL LUCHETTI LOTE 29 — **US AIRS** — **0096WDNSCRURBIN**
BAYAMON, PR 00961 — **FINDS**
ECHO

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	0096WDNSCRURBIN
Form Type:	Form R
Reporting year:	2023
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	PRESIDENT WALESKA RIVERA
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2024-06-28
Name:	Danosa Caribbean Inc
Address:	URB INDUSTRIAL LUCHETTI LOTE 29
City,State,Zip:	BAYAMON, PR 00961
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	Danosa Caribbean Inc
Mailing street:	URB INDUSTRIAL LUCHETTI LOTE 29
Mailing province:	Not reported
Mailing City,State,Zip:	BAYAMON, PR 00961
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	ERNESTO SANTOS
Public contact phone and Ext:	7879222838
Public contact email:	ESANTOS@DANOSAPR.COM

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	324122
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	18.416997
Longitude:	-66.139412
D and B number A:	091011106
D and B number B:	Not reported
RCRA number A:	Not reported
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	Not reported
Parent company D and B number:	Not reported
Standardized parent company name:	NA
Document control number:	1323222179715
TRI ID:	0096WDNSCRURBIN
Cas number:	N590
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	01
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	20
Stack air emissions - release range code:	Not reported
Total stack air emissions:	20
Stack air emissions - basis of estimate:	Mass Balance Calculations
Total air emissions:	20
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Total on-site releases:	20
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	14
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	14
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	14
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

FRS Facility ID:	Not reported
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Assigned Partial Facility Flag:	NO
Case Number:	N590
Mixture Name:	NA
Carcinogen Ind:	YES
PFAS Ind:	NO
Foreign Parent Company D and B Number:	Not reported
Foreign Parent Company Name:	Not reported
Hazardous Air Pollutant - HAPS:	YES
Standardized Foreign Parent Company Name:	NA

Chemical Activities and Uses:

Cas number:	N590
Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	Yes
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	Yes
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Certifying Officials Signature:	ELECTRONIC

Submitted Facility Name:	Danosa Caribbean Inc
Submitted Street:	URB INDUSTRIAL LUCHETTI LOTE 29
Submitted City:	BAYAMON
Submitted County:	BAYAMON MUNICIPIO
Submitted State:	PR
Submitted Zip Code:	00961
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	324122
Submitted Industry Code:	324
Submitted Industry Name:	Petroleum
Industry Code:	324
Industry Name:	Petroleum
Last year the facility reported:	2023
First year the facility reported:	2021
Number of forms submitted:	1
Total number of forms submitted:	3 20241105
Assigned Agency:	Not reported

Detailed Source Reduction Activities and Methods:

Cas number:	N590
Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	12
Other on-site releases - current year:	20
Other on-site releases - following year:	20
Other on-site releases - 2nd-following year:	20
Off-site limited releases - prior year:	510

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Off-site limited releases - current year:	14
Off-site limited releases - following year:	14
Off-site limited releases - 2nd-following year:	14
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.15
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	S21-OPTIMIZED PROCESS CONDITIONS TO INCREASE EFFICIENCY
1st SR activity ID meth code and desc 1:	T05 EMPLOYEE RECOMMENDATION (INDEPENDENT OF A FORMAL COMPA
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	N590

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	N590

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Offsite RCRA id nr:	PRO007001357
Offsite transfer sequence number:	1
Offsite name:	El Coqui Landfill
Offsite street address:	ROAD 923 KM 2.5
Offsite City,State,Zip:	HUMACAO, PR 00741
Offsite county:	HUMACAO MUNICIPIO
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Offsite other landfills m64 LBS:	14
Offsite other landfills m64 BOE:	Mass Balance Calculations
Total amount transferred offsite for disposal:	14
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite solid/stab treatment m40 non-metal BOE:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	110028183604
CAS Number:	N590

Additional Information on Disposal and Other Releases, Source Reduction and Recycling Activities:

Cas number:	N590
Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Comment sequence:	847107
Comment type description:	Methods for Identifying Waste Management Opportunities
Comment text:	Waste assesment, optimization of process to reduce the process scrap.
P2 Classification:	Other Environmental Practices

Additional Information Miscellaneous and Optional:

Cas number:	N590
Document control number:	1323222179715
Chemical name:	Polycyclic aromatic compounds
Classification:	PBT
Comment sequence:	847109
Comment type description:	Production or Activity Variable
Comment text:	Rolls Produced

US AIRS MINOR:

Envid:	1016680373
Region Code:	02
Programmatic ID:	AIR PR0000007202170046
Facility Registry ID:	110001660195
D and B Number:	Not reported
Primary SIC Code:	2952
NAICS Code:	324122
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR PR0000007202170046
Facility Registry ID:	110001660195
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1993-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR PR0000007202170046
Facility Registry ID:	110001660195
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-03-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

FINDS:

Registry ID: 110001660195

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System

Site	Database(s)	EDR ID Number EPA ID Number

DANOSA CARIBBEAN INC (Continued) **1016680373**

(PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016680373
Registry ID:	110001660195
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001660195
Name:	DANOSA CARIBBEAN INC
Address:	URB INDUSTRIAL LUCHETTI LOTE 29
City,State,Zip:	BAYAMON, PR 00961

DUARTE WASTE - CORPORACION LOS HERMANOS **FINDS** **1016686209**
URB INDUSTRIAL CORUJO LOTE 17 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110030474984

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Site	Database(s)	EDR ID Number EPA ID Number

DUARTE WASTE - CORPORACION LOS HERMANOS (Continued) **1016686209**

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016686209
Registry ID:	110030474984
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110030474984
Name:	DUARTE WASTE - CORPORACION LOS HERMANOS
Address:	URB INDUSTRIAL CORUJO LOTE 17
City,State,Zip:	BAYAMON, PR 00961

PETROLEUM EMULSION MFG **FINDS** **1016238425**
URB INDUSTRIAL LUCHETTI LOT 36 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007805964

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many

Site	Database(s)	EDR ID Number EPA ID Number

PETROLEUM EMULSION MFG (Continued) **1016238425**

types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016238425
Registry ID:	110007805964
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007805964
Name:	PETROLEUM EMULSION MFG
Address:	URB INDUSTRIAL LUCHETTI LOT 36
City,State,Zip:	BAYAMON, PR 00961

PHARMA-VET INC. **FINDS** **1024242257**
URB IND MINILLAS **N/A**
BAYAMON, PR 00961

FINDS:

Registry ID: 110070248157

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

---

PUMA ENERGY CARIBE, L.L.C. **ICIS** **1018293600**
URB INDUSTRIAL LUCHETTI **N/A**
BAYAMON, PR 00961

ICIS:

Enforcement Action ID:	02-2011-3119
FRS ID:	110008471956
Action Name:	Puma Energy Caribe, LLC
Facility Name:	PUMA ENERGY CARIBE, L.L.C.
Facility Address:	URB INDUSTRIAL LUCHETTI BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Formal

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

EA Type Code:	309A
Facility SIC Code:	2911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.417222
Longitude in Decimal Degrees:	-66.135
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	PR0000370
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-2011-3021
FRS ID:	110008471956
Action Name:	Puma Energy Caribe, LLC
Facility Name:	PUMA ENERGY CARIBE, L.L.C.
Facility Address:	URB INDUSTRIAL LUCHETTI BAYAMON, PR 00961
Enforcement Action Type:	CWA 311C AO For Removal
Facility County:	BAYAMON
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	311C
Facility SIC Code:	2911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.417222
Longitude in Decimal Degrees:	-66.135
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	PR0000370
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	02-2005-3239
FRS ID:	110008471956
Action Name:	Caribbean Petroleum and Refining, LP
Facility Name:	PUMA ENERGY CARIBE, L.L.C.
Facility Address:	URB INDUSTRIAL LUCHETTI BAYAMON, PR 00961
Enforcement Action Type:	CWA 309A AO For Compliance
Facility County:	BAYAMON
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309A
Facility SIC Code:	2911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	18.417222
Longitude in Decimal Degrees:	-66.135
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	PR0000370
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	CARIBBEAN PETROLEUM REFINING LP
Address:	CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2911

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No

Site	Database(s)	EDR ID Number EPA ID Number

PUMA ENERGY CARIBE, L.L.C. (Continued) **1018293600**

NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

Facility Name: CARIBBEAN PETROLEUM REFINING LP
Address: CARR 28 KM 2 URB INDUSTRIAL LUCHETTI
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2911

SOILAX CARIBBEAN S A **FINDS** **1016238376**
URB INDUSTRIAL CORUJO LOTE 2 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110007805161

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number

SOILAX CARIBBEAN S A (Continued) **1016238376**

ECHO:
Envid: 1016238376
Registry ID: 110007805161
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007805161
Name: SOILAX CARIBBEAN S A
Address: URB INDUSTRIAL CORUJO LOTE 2
City,State,Zip: BAYAMON, PR 00961

WALMART FIXTURES WAREHOUSE 8519 **FINDS** **1016691546**
URB INDUSTRIAL CORUJO **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110046404556

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site. Please contact your EDR Account Executive for more information

ECHO:
Envid: 1016691546
Registry ID: 110046404556
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110046404556
Name: WALMART FIXTURES WAREHOUSE 8519
Address: URB INDUSTRIAL CORUJO
City,State,Zip: BAYAMON, PR 00961

ECOLAB INC. **E MANIFEST** **1031643720**
URB. IND. LUCHETTI PR # 28 **N/A**
BAYAMON, PR 00961

ECOLAB INC. **E MANIFEST** **1031643923**
28 URB. IND. LUCHETTI PR # 28 **N/A**
BAYAMON, PR 00961

ECOLAB INC. **E MANIFEST** **1031643924**
URB. IND. LUCHETTI PR # 28 **N/A**
BAYAMON, PR 00961

Site	Database(s)	EDR ID Number EPA ID Number

LUIS GARRAT N LLC **ECHO** **1026892063**
URB. INDUSTRIAL LUCHETTI CARR.28 **N/A**
BAYAMON, PR 00961

ECHO:

Envid:	1026892063
Registry ID:	110071069296
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110071069296
Name:	LUIS GARRAT N LLC
Address:	URB. INDUSTRIAL LUCHETTI CARR.28
City,State,Zip:	BAYAMON, PR 00961

LUIS GARRAT N LLC **FINDS** **1027013356**
URB. INDUSTRIAL LUCHETTI CARR.28 **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110071069296

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PREPA (BAYAMON TRANSMISSION CENTER) **FINDS** **1016300192**
PR-21 VILLA ESPANA **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110011935022

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number / EPA ID Number
BANFIELD PET HOSPITAL #2162 **22 WINSTON CHURCHILL AVE** **SAN JUAN, PR 00961**	**FINDS** **ECHO**	**1018376505** **N/A**

FINDS:
Registry ID: 110069288069

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1018376505
Registry ID:	110069288069
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069288069
Name:	BANFIELD PET HOSPITAL #2162
Address:	22 WINSTON CHURCHILL AVE
City,State,Zip:	SAN JUAN, PR 00961

GARAGE MIRANDA **ZONA INDUSTRIAL LUCHETTI MARGINAL 5** **BAYAMON, PR 00961**	**RCRA-VSQG** **E MANIFEST**	**1004779201** **PRR000013151**

RCRA Listings:

Date Form Received by Agency:	20080101
Handler Name:	Garage Miranda
Handler Address:	Zona Industrial Luchetti Marginal 5
Handler City,State,Zip:	BAYAMON, PR 00961
EPA ID:	PRR000013151
Contact Name:	MARIA ARILL
Contact Address:	ZONA IND LUCHETTI MARGINAL 5
Contact City,State,Zip:	BAYAMON, PR 00961
Contact Telephone:	787-740-7620
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ZONA IND LUCHETTI MARGINAL 5
Mailing City,State,Zip:	BAYAMON, PR 00961
Owner Name:	Garage Miranda
Owner Type:	Private
Operator Name:	Garage Miranda
Operator Type:	Private
Short-Term Generator Activity:	No

Site	Database(s)	EDR ID Number EPA ID Number

GARAGE MIRANDA (Continued) **1004779201**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	D039
Waste Description:	Tetrachloroethylene
Waste Code:	D040
Waste Description:	Trichloroethylene

Site	Database(s)	EDR ID Number EPA ID Number

GARAGE MIRANDA (Continued) **1004779201**

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GARAGE MIRANDA	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	ZONA IND LUCHETTI MARGINAL 5
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-740-7620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GARAGE MIRANDA	
Legal Status:	Private
Date Became Current:	17760101
Date Ended Current:	Not reported
Owner/Operator Address:	ZONA IND LUCHETTI MARGINAL 5
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-740-7620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GARAGE MIRANDA	
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	ZONA IND LUCHETTI MARGINAL 5
Owner/Operator City,State,Zip:	BAYAMON, PR 00961
Owner/Operator Telephone:	787-740-7620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

GARAGE MIRANDA (Continued) **1004779201**

Historic Generators:

Receive Date:	20060101
Handler Name: GARAGE MIRANDA	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Pr
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080101
Handler Name: GARAGE MIRANDA	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20010119
Handler Name: GARAGE MIRANDA	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20071214
Actual Return to Compliance Date:	20071228
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

GARAGE MIRANDA (Continued) **1004779201**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20071107
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: ESRL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20071228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

GARAGE MIRANDA **FINDS** **1016203048**
ZONA INDUSTRIAL LUCHETTI MARGINAL 5 **ECHO** **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110004895837

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters,

Site	Database(s)	EDR ID Number EPA ID Number

GARAGE MIRANDA (Continued) **1016203048**

storers, and disposers of hazardous waste.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1016203048
Registry ID:	110004895837
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004895837
Name:	GARAGE MIRANDA
Address:	ZONA INDUSTRIAL LUCHETTI MARGINAL 5
City,State,Zip:	BAYAMON, PR 00961

SULTANA ALUMINUM INC **FINDS** **1024417928**
ZONA INDUSTRIAL CORUJO 90 CALLE E **N/A**
BAYAMON, PR 00961

FINDS:
Registry ID: 110070335897

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number

BESST CHEMICALS, INC. **PFAS ECHO** **1031156074**
N/A
BAYAMON, PR

PEP BOYS **LUST** **S103554179**
N/A
BAYAMON, PR

PR LUST:

Name:	PEP BOYS
Address:	Not reported
City,State,Zip:	BAYAMON, PR
Facility ID:	96-0051
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Closure (High Values)
Date Known:	16-Feb-00
Owner Name:	Pep Boys

SEARS ROEBUCK OF P.R. **LUST** **S106917855**
N/A
BAYAMON, PR

PR LUST:

Name:	SEARS ROEBUCK OF P.R.
Address:	Not reported
City,State,Zip:	BAYAMON, PR
Facility ID:	96-0048
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	1-Oct-97
Owner Name:	Sears Roebuck of P.R.

ERNS **2021296653**
RT # 28 KM 2.0 **N/A**
BAYAMON, PR

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

RGA LUST **S116438318**
RD #107 & LA PAZ ST. **N/A**
BAYAMON, PR

RGA LUST:

1995 RD #107 & LA PAZ ST.

Site	Database(s)	EDR ID Number EPA ID Number
PR #167 LA PAZ ST **BAYAMON, PR**	**RGA LUST**	**S116438230** **N/A**

RGA LUST:

1995 PR #167 LA PAZ ST

LA ALDEA SERVACAR **RD #167, KM 2.6** **BAYAMON, PR**	**RGA LUST**	**S116437936** **N/A**

RGA LUST:

1995 LA ALDEA SERVACAR RD #167, KM 2.6

JUAN R. QUIRONES **RD #168 CENTRO COMERCIAL RIVERVIEW** **BAYAMON, PR**	**RGA LUST**	**S116437914** **N/A**

RGA LUST:

1995 JUAN R. QUIRONES RD #168 CENTRO COMERCIAL RIVERVIEW

PR #174 LOMAS VERDES AVE. **BAYAMON, PR**	**RGA LUST**	**S116438231** **N/A**

RGA LUST:

1995 PR #174 LOMAS VERDES AVE.

PR #2 KM 8.3 **BAYAMON, PR**	**RGA LUST**	**S116438232** **N/A**

RGA LUST:

1995 PR #2 KM 8.3

PR #2, KM 14.2 **BAYAMON, PR**	**RGA LUST**	**S116438233** **N/A**

RGA LUST:

1995 PR #2, KM 14.2

#VALUE! **BAYAMON, PR**	**RGA LUST**	**S116435373** **N/A**

RGA LUST:

2000 #VALUE!

Site	Database(s)	EDR ID Number EPA ID Number
AA34 15TH ST **BAYAMON, PR**	**ERNS**	**95279413** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
RD 174 **BAYAMON, PR**	**ERNS**	**99487891** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
2399 ROUTE 2 **BAYAMON, PR**	**ERNS**	**2016145797** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
HWY 22, ROW #5 **BAYAMON, PR**	**ERNS**	**2015121719** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
RD 28 INDUSTRIAL PARK **BAYAMON, PR**	**ERNS**	**2000528844** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
ACCESS ROAD TO CORUJO **BAYAMON, PR**	**ERNS**	**2017193554** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
AVE LOMAS VERDES NO.CC 17 **BAYAMON, PR**	**ERNS**	**8715195** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		

Site	Database(s)	EDR ID Number EPA ID Number
AVE BETANCES & CALLE ''J'' BAYAMON, PR	**RGA LUST**	**S116435533 N/A**

RGA LUST:

2006	AVE BETANCES & CALLE ''J''
2005	AVE BETANCES & CALLE ''J''
2000	AVE BETANCES & CALLE ''J''

AVE CASTIGLIONI & CALLE 21 BAYAMON, PR	**RGA LUST**	**S116435537 N/A**

RGA LUST:

2006	AVE CASTIGLIONI & CALLE 21
2005	AVE CASTIGLIONI & CALLE 21
2000	AVE CASTIGLIONI & CALLE 21

AVE COMERIO & CARR 801 BAYAMON, PR	**RGA LUST**	**S116435538 N/A**

RGA LUST:

2010	AVE COMERIO & CARR 801
2006	AVE COMERIO & CARR 801
2005	AVE COMERIO & CARR 801
2003	AVE COMERIO & CARR 801
2002	AVE COMERIO & CARR 801
2001	AVE COMERIO & CARR 801

AVE LAUREL SANTA JUANITA BAYAMON, PR	**RGA LUST**	**S116435549 N/A**

RGA LUST:

2006	AVE LAUREL SANTA JUANITA
2005	AVE LAUREL SANTA JUANITA

Site	Database(s)	EDR ID Number EPA ID Number
AVE LOMAS VERDES 174 **BAYAMON, PR**	**RGA LUST**	**S116435552** **N/A**

RGA LUST:

2006	AVE LOMAS VERDES 174
2005	AVE LOMAS VERDES 174
2000	AVE LOMAS VERDES 174

AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES **BAYAMON, PR**	**RGA LUST**	**S116435553** **N/A**

RGA LUST:

2006	AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES
2005	AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

AVE LOMAS VERDES **BAYAMON, PR**	**RGA LUST**	**S116435554** **N/A**

RGA LUST:

2006	AVE LOMAS VERDES
2005	AVE LOMAS VERDES
2000	AVE LOMAS VERDES

AVE LOS DOMINICOS **BAYAMON, PR**	**RGA LUST**	**S116435555** **N/A**

RGA LUST:

2010	AVE LOS DOMINICOS
2006	AVE LOS DOMINICOS
2005	AVE LOS DOMINICOS
2003	AVE LOS DOMINICOS
2002	AVE LOS DOMINICOS
2001	AVE LOS DOMINICOS
2000	AVE LOS DOMINICOS

Site	Database(s)	EDR ID Number EPA ID Number

AVE SANTA JUANITA
BAYAMON, PR

RGA LUST **S116435585**
N/A

RGA LUST:

2006	AVE SANTA JUANITA	
2005	AVE SANTA JUANITA	
2000	AVE SANTA JUANITA	

AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON
BAYAMON, PR

RGA LUST **S116435587**
N/A

RGA LUST:

2006	AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON	
2005	AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON	

BAYAMON REGIONAL HOSPITAL
AVE LAUREL SANTA JUANITA
BAYAMON, PR

RGA LUST **S116435707**
N/A

RGA LUST:

2010	BAYAMON REGIONAL HOSPITAL	AVE LAUREL SANTA JUANITA
2003	BAYAMON REGIONAL HOSPITAL	AVE LAUREL SANTA JUANITA
2002	BAYAMON REGIONAL HOSPITAL	AVE LAUREL SANTA JUANITA
2001	BAYAMON REGIONAL HOSPITAL	AVE LAUREL SANTA JUANITA
2000	BAYAMON REGIONAL HOSPITAL	AVE LAUREL SANTA JUANITA

ESSO CO-466
AVE COMERIO & CARR 801
BAYAMON, PR

RGA LUST **S116436872**
N/A

RGA LUST:

2000	ESSO CO-466	AVE COMERIO & CARR 801

ESSO S/S CO-466
AVE COMERIO & CARR 801
BAYAMON, PR

RGA LUST **S116437066**
N/A

RGA LUST:

2008	ESSO S/S CO-466	AVE COMERIO & CARR 801
2007	ESSO S/S CO-466	AVE COMERIO & CARR 801

Site	Database(s)	EDR ID Number EPA ID Number
ESTACION SHELL **AVE MAGNOLIA INT CALLE 3 #1000 URB MAGNOLIA GARDENS** **BAYAMON, PR**	**UST FINDER**	**1028682970** **N/A**

GULF #489 ANTES 189
AVE LOMAS VERDES 174
BAYAMON, PR

RGA LUST **S116437400**
N/A

RGA LUST:

2007	GULF #489 ANTES 189	AVE LOMAS VERDES 174

GULF #099
AVE CASTIGLIONI & CALLE 21
BAYAMON, PR

LUST **S101442784**
N/A

PR LUST:

Name:	GULF #099
Address:	AVE CASTIGLIONI & CALLE 21
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0303
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	spill
Date Known:	15-Aug-97
Owner Name:	Caribbean Petroleum Corp.

GULF #099
AVE CASTIGLIONI & CALLE 21
BAYAMON, PR

RGA LUST **S116437474**
N/A

RGA LUST:

2010	GULF #099	AVE CASTIGLIONI & CALLE 21
2003	GULF #099	AVE CASTIGLIONI & CALLE 21
2002	GULF #099	AVE CASTIGLIONI & CALLE 21
2001	GULF #099	AVE CASTIGLIONI & CALLE 21

GULF #113
AVE BETANCES & CALLE ''J''
BAYAMON, PR

LUST **S103553794**
N/A

PR LUST:

Name:	GULF #113
Address:	AVE BETANCES & CALLE ''J''
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0315
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Product in Well
Date Known:	4-Jun-99
Owner Name:	Caribbean Petroleum Corp.

Site	Database(s)	EDR ID Number EPA ID Number

GULF #113 — **RGA LUST** — **S116437481**
AVE BETANCES & CALLE ''J'' — **N/A**
BAYAMON, PR

RGA LUST:

2010	GULF #113	AVE BETANCES & CALLE ''J''
2003	GULF #113	AVE BETANCES & CALLE ''J''
2002	GULF #113	AVE BETANCES & CALLE ''J''
2001	GULF #113	AVE BETANCES & CALLE ''J''

GULF #189 — **LUST** — **S103553765**
AVE LOMAS VERDES 174 — **N/A**
BAYAMON, PR

PR LUST:

Name:	GULF #189
Address:	AVE LOMAS VERDES 174
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0207
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	high values
Date Known:	6-Dec-99
Owner Name:	Gulf-Chevron

GULF #189 — **RGA LUST** — **S116437530**
AVE LOMAS VERDES 174 — **N/A**
BAYAMON, PR

RGA LUST:

2010	GULF #189	AVE LOMAS VERDES 174
2003	GULF #189	AVE LOMAS VERDES 174
2002	GULF #189	AVE LOMAS VERDES 174
2001	GULF #189	AVE LOMAS VERDES 174

GULF #489 ANTES 189 — **RGA LUST** — **S116437569**
AVE LOMAS VERDES 174 — **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF #489 ANTES 189	AVE LOMAS VERDES 174

Site	Database(s)	EDR ID Number EPA ID Number
GULF S/S #113 **AVE BETANCES & CALLE ''J''** **BAYAMON, PR**	**RGA LUST**	**S116437660** **N/A**

RGA LUST:

2007 GULF S/S #113 AVE BETANCES & CALLE ''J''

GULF S/S #113 **AVE BETANCES & CALLE J** **BAYAMON, PR**	**RGA LUST**	**S116437661** **N/A**

RGA LUST:

2008 GULF S/S #113 AVE BETANCES & CALLE J

GULF S/S #479 ANTES 099 **AVE CASTIGLIONI & CALLE 21** **BAYAMON, PR**	**RGA LUST**	**S116437718** **N/A**

RGA LUST:

2008 GULF S/S #479 ANTES 099 AVE CASTIGLIONI & CALLE 21

2007 GULF S/S #479 ANTES 099 AVE CASTIGLIONI & CALLE 21

HOSPITAL REGIONAL UNIVERSITARIO BAYAMON **AVE LAUREL SANTA JUANITA** **BAYAMON, PR**	**RGA LUST**	**S116437827** **N/A**

RGA LUST:

2008 HOSPITAL REGIONAL UNIVERSITARIO BAYAMON AVE LAUREL SANTA JUANITA

2007 HOSPITAL REGIONAL UNIVERSITARIO BAYAMON AVE LAUREL SANTA JUANITA

MARZAN SHELL SS **AVE SANTA JUANITA INT AVE HOSTOS** **BAYAMON, PR**	**UST FINDER**	**1028682982** **N/A**

NOEL SERVICE STATION **AVE COMERIO #308** **BAYAMON, PR**	**UST FINDER**	**1028682981** **N/A**

PRTC BAYAMON OFC FLOTA **AVE TENIENTE ANDALUZ ESQ QUINO** **BAYAMON, PR**	**UST FINDER**	**1028683013** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number

ROYAL PALM S/S 231 **RGA LUST** **S116438382**
AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES **N/A**
BAYAMON, PR

RGA LUST:

2010 ROYAL PALM S/S 231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

2003 ROYAL PALM S/S 231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

2002 ROYAL PALM S/S 231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

2001 ROYAL PALM S/S 231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

2000 ROYAL PALM S/S 231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

SHELL #2860 **RGA LUST** **S116438484**
AVE SANTA JUANITA **N/A**
BAYAMON, PR

RGA LUST:

2010 SHELL #2860 AVE SANTA JUANITA

2003 SHELL #2860 AVE SANTA JUANITA

2002 SHELL #2860 AVE SANTA JUANITA

2001 SHELL #2860 AVE SANTA JUANITA

SHELL #4444 **LUST** **S101442822**
AVE LOMAS VERDES **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL #4444
Address:	AVE LOMAS VERDES
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0652
Status:	INACTIVE
Released:	Yes
Released Date:	8-Jun-05
How Known:	Unknown
Date Known:	10-Nov-93
Owner Name:	Shell Company (P.R.) Limited

Site	Database(s)	EDR ID Number EPA ID Number
SHELL #4444 **AVE LOMAS VERDES** **BAYAMON, PR**	**RGA LUST**	**S116438496** **N/A**

RGA LUST:

2010	SHELL #4444	AVE LOMAS VERDES
2003	SHELL #4444	AVE LOMAS VERDES
2002	SHELL #4444	AVE LOMAS VERDES
2001	SHELL #4444	AVE LOMAS VERDES

SHELL S/S #002860 **AVE SANTA JUANITA** **BAYAMON, PR**	**RGA LUST**	**S116438614** **N/A**

RGA LUST:

2007	SHELL S/S #002860	AVE SANTA JUANITA

SHELL S/S #002860 **AVE SANTA JUANITA** **BAYAMON, PR**	**RGA LUST**	**S116438670** **N/A**

RGA LUST:

2008	SHELL S/S #002860	AVE SANTA JUANITA

SHELL S/S #003220 **AVE LOS DOMINICOS** **BAYAMON, PR**	**RGA LUST**	**S116438682** **N/A**

RGA LUST:

2008	SHELL S/S #003220	AVE LOS DOMINICOS
2007	SHELL S/S #003220	AVE LOS DOMINICOS

SHELL S/S #804444 **AVE LOMAS VERDES** **BAYAMON, PR**	**RGA LUST**	**S116438701** **N/A**

RGA LUST:

2008	SHELL S/S #804444	AVE LOMAS VERDES
2007	SHELL S/S #804444	AVE LOMAS VERDES

Site	Database(s)	EDR ID Number EPA ID Number
SHELL SERVICE STATION #003140 **AVE LOMAS VERDES ESQ NOGAL** **BAYAMON, PR**	**UST FINDER**	**1028683019** **N/A**

SIERRA BAYAMON II S/S 377 — **LUST** — **S103553989**
AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON — **N/A**
BAYAMON, PR

PR LUST:

Name:	SIERRA BAYAMON II S/S 377
Address:	AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1580
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	16-Sep-96
Owner Name:	Texaco Puerto Rico

SIERRA BAYAMON S/S 377 — **RGA LUST** — **S116438756**
AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON — **N/A**
BAYAMON, PR

RGA LUST:

2003 SIERRA BAYAMON S/S 377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON

2002 SIERRA BAYAMON S/S 377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON

2001 SIERRA BAYAMON S/S 377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON

2000 SIERRA BAYAMON S/S 377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON

SIERRA BAYAMON S/S 377 — **RGA LUST** — **S116438757**
AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMOTEXACO PUERTO RICO — **N/A**
BAYAMON, PR

RGA LUST:

2010 SIERRA BAYAMON S/S 377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMOTEXACO PUERTO RICO

TEXACO — **UST FINDER** — **1028683016**
AVE LOMAS VERDES — **N/A**
BAYAMON, PR

Site	Database(s)	EDR ID Number EPA ID Number
TEXACO SIERRA BAYAMON **AVE WEST MAIN** **BAYAMON, PR**	**UST FINDER**	**1028682967** **N/A**

TEXACO SIERRA BAYAMONII S/S #377 — **RGA LUST** — **S116438892**
AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON — **N/A**
BAYAMON, PR

RGA LUST:

2007 TEXACO SIERRA BAYAMONII S/S #377 AVE WEST MAIN ESQ. COMERIO/SIERRA BAYAMON

TEXACO SIERRA BAYAMONII S/S #377 — **RGA LUST** — **S116438893**
AVE WEST MAIN ESQ.COMERIO/SIERRA B — **N/A**
BAYAMON, PR

RGA LUST:

2008 TEXACO SIERRA BAYAMONII S/S #377 AVE WEST MAIN ESQ.COMERIO/SIERRA B

TEXACO- ROYAL PALM S/S #231 — **RGA LUST** — **S116438906**
AVE LOMAS VERDES Y JACINTOS/LOMAS V — **N/A**
BAYAMON, PR

RGA LUST:

2008 TEXACO- ROYAL PALM S/S #231 AVE LOMAS VERDES Y JACINTOS/LOMAS V

TEXACO- ROYAL PALM S/S #231 — **RGA LUST** — **S116438907**
AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES — **N/A**
BAYAMON, PR

RGA LUST:

2007 TEXACO- ROYAL PALM S/S #231 AVE LOMAS VERDES Y JACINTOS/LOMAS VERDES

TORAL STATION — **UST FINDER** — **1028682975**
AVE MAGNOLIA INT CALLE 15 URB MAGNOLIA GARDENS — **N/A**
BAYAMON, PR

TOTAL — **LUST** — **S101442893**
AVE COMERIO & CARR 801 — **N/A**
BAYAMON, PR

PR LUST:

Name:	TOTAL
Address:	AVE COMERIO & CARR 801
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1165
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Product in Well

Site	Database(s)	EDR ID Number EPA ID Number

TOTAL (Continued) **S101442893**

Date Known: 31-Aug-99
Owner Name: Esso Standard Oil Co.

RGA LUST **S116435606**
N/A

AVE. BETANCES & J ST.
BAYAMON, PR

RGA LUST:

1995 AVE. BETANCES & J ST.

RGA LUST **S116435613**
N/A

AVE. CONERIO & RD #801
BAYAMON, PR

RGA LUST:

1995 AVE. CONERIO & RD #801

RGA LUST **S116435645**
N/A

AVE. LOMAS VERDES ESQ. CALLE NOGAL
BAYAMON, PR

RGA LUST:

2006 AVE. LOMAS VERDES ESQ. CALLE NOGAL

2005 AVE. LOMAS VERDES ESQ. CALLE NOGAL

RGA LUST **S116435647**
N/A

AVE. LONAS VERDES
BAYAMON, PR

RGA LUST:

1995 AVE. LONAS VERDES

RGA LUST **S116435648**
N/A

AVE. LOS DOMINICOS
BAYAMON, PR

RGA LUST:

1995 AVE. LOS DOMINICOS

BANCO POPULAR DE PUERTO RICO **LUST** **S106917843**
AVE. RAMON L. RODRIGUEZ 100, FLAMBOYAN GARDEN POPULAR BANK **N/A**
BAYAMON, PR

PR LUST:

Name: BANCO POPULAR DE PUERTO RICO
Address: AVE. RAMON L. RODRIGUEZ 100, FLAMBOYAN GARDEN POPULAR BANK
City,State,Zip: BAYAMON, PR
Facility ID: 94-0194
Status: ACTIVE

Site	Database(s)	EDR ID Number EPA ID Number

BANCO POPULAR DE PUERTO RICO (Continued) **S106917843**

Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	8-Aug-96
Owner Name:	Not reported

ESSO S/S CO-064 **LUST** **S106917695**
AVE. BETANCES INT. HNAS. DAVILA **N/A**
BAYAMON, PR

PR LUST:

Name:	ESSO S/S CO-064
Address:	AVE. BETANCES INT. HNAS. DAVILA
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1153
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	17-Apr-02
Owner Name:	Esso

ESSO S/S CO-064 **RGA LUST** **S116436982**
AVE. BETANCES INT. HNAS. DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2008	ESSO S/S CO-064	AVE. BETANCES INT. HNAS. DAVILA

HOSPITAL REGIONAL DE BAYAMON **LUST** **S103554175**
AVE. LAUREL SANTA JUANITA **N/A**
BAYAMON, PR

PR LUST:

Name:	HOSPITAL REGIONAL DE BAYAMON
Address:	AVE. LAUREL SANTA JUANITA
City,State,Zip:	BAYAMON, PR
Facility ID:	95-0074
Status:	INACTIVE
Released:	Yes
Released Date:	15-Mar-99
How Known:	UST Removal
Date Known:	5-Jun-97
Owner Name:	Hospital Regional de Bayamon

Site	Database(s)	EDR ID Number EPA ID Number

REXVILLE S/S (TEXACO #654) **LUST** **S103553987**
AVE. PERIFERAL ESQ. CALLE 9 URB. REXVILLE **N/A**
BAYAMON, PR

PR LUST:

Name:	REXVILLE S/S (TEXACO #654)
Address:	AVE. PERIFERAL ESQ. CALLE 9 URB. REXVILLE
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1574
Status:	INACTIVE
Released:	Yes
Released Date:	30-Sep-04
How Known:	Product in MW
Date Known:	16-Sep-96
Owner Name:	Texaco Puerto Rico

ROYAL PALM S/S #231 **LUST** **S103553988**
AVE. LOMAS VERDES ESQ. JACINTO **N/A**
BAYAMON, PR

PR LUST:

Name:	ROYAL PALM S/S #231
Address:	AVE. LOMAS VERDES ESQ. JACINTO
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1576
Status:	INACTIVE
Released:	Yes
Released Date:	30-Sep-04
How Known:	Product in MW
Date Known:	26-Apr-96
Owner Name:	Texaco Puerto Rico

SHELL #2860 **LUST** **S103553908**
AVE. SANTA JUANITA ESQ. HOSTOS **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL #2860
Address:	AVE. SANTA JUANITA ESQ. HOSTOS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1011
Status:	INACTIVE
Released:	Yes
Released Date:	14-Dec-04
How Known:	UST Removal
Date Known:	4-Aug-97
Owner Name:	Shell Company (P.R.) Limited

Site	Database(s)	EDR ID Number EPA ID Number

SHELL 3140 **LUST** **S104904859**
AVE. LOMAS VERDES ESQ. CALLE NOGAL **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL 3140
Address:	AVE. LOMAS VERDES ESQ. CALLE NOGAL
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0958
Status:	INACTIVE
Released:	Yes
Released Date:	7-Mar-01
How Known:	Product in MW
Date Known:	Unknown
Owner Name:	Shell Company (P.R.) Limited

SHELL 3140 **RGA LUST** **S116438548**
AVE. LOMAS VERDES ESQ. CALLE NOGAL **N/A**
BAYAMON, PR

RGA LUST:

2010	SHELL 3140	AVE. LOMAS VERDES ESQ. CALLE NOGAL
2003	SHELL 3140	AVE. LOMAS VERDES ESQ. CALLE NOGAL
2002	SHELL 3140	AVE. LOMAS VERDES ESQ. CALLE NOGAL
2001	SHELL 3140	AVE. LOMAS VERDES ESQ. CALLE NOGAL

SHELL S/S #003140 **RGA LUST** **S116438675**
AVE. LOMAS VERDES ESQ. CALLE NOGAL **N/A**
BAYAMON, PR

RGA LUST:

2008	SHELL S/S #003140	AVE. LOMAS VERDES ESQ. CALLE NOGAL
2007	SHELL S/S #003140	AVE. LOMAS VERDES ESQ. CALLE NOGAL

SHELL S/S #3220 **LUST** **S103553903**
AVE. LOS DOMINICOS ESQ. CALLE 25 **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL S/S #3220
Address:	AVE. LOS DOMINICOS ESQ. CALLE 25
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0997
Status:	INACTIVE
Released:	Yes
Released Date:	13-Feb-04
How Known:	Product in MW
Date Known:	4-Aug-97
Owner Name:	Shell Company (P.R.) Limited

Site	Database(s)	EDR ID Number EPA ID Number

TEXACO S/S #214 **LUST** **S106917733**
AVE. LOMAS VERDES & CARR. #174 **N/A**
BAYAMON, PR

PR LUST:

Name:	TEXACO S/S #214
Address:	AVE. LOMAS VERDES & CARR. #174
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1561
Status:	INACTIVE
Released:	Yes
Released Date:	15-Mar-04
How Known:	UST Removal
Date Known:	24-May-02
Owner Name:	Texaco Puerto Rico

RGA LUST **S116435671**
AVE.BETANCES INT. HNAS.DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2006	AVE.BETANCES INT. HNAS.DAVILA
2005	AVE.BETANCES INT. HNAS.DAVILA

ESSO S/S CO-064 **RGA LUST** **S116436983**
AVE.BETANCES INT. HNAS.DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2010	ESSO S/S CO-064	AVE.BETANCES INT. HNAS.DAVILA
2007	ESSO S/S CO-064	AVE.BETANCES INT. HNAS.DAVILA
2003	ESSO S/S CO-064	AVE.BETANCES INT. HNAS.DAVILA
2002	ESSO S/S CO-064	AVE.BETANCES INT. HNAS.DAVILA

TEXACO LOMAS VERDES S/S # 214 **RGA LUST** **S116438880**
AVE.LOMAS VERDES & CARR.#174 **N/A**
BAYAMON, PR

RGA LUST:

2008 TEXACO LOMAS VERDES S/S # 214 AVE.LOMAS VERDES & CARR.#174

Site	Database(s)	EDR ID Number EPA ID Number

AVE.SANTA JUANITA CALLE INDIA
BAYAMON, PR

RGA LUST **S116435672**
N/A

RGA LUST:

2006	AVE.SANTA JUANITA CALLE INDIA
2005	AVE.SANTA JUANITA CALLE INDIA

TEXACO #369
AVE.SANTA JUANITA CALLE INDIA
BAYAMON, PR

LUST **S106917734**
N/A

PR LUST:

Name:	TEXACO #369
Address:	AVE.SANTA JUANITA CALLE INDIA
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1578
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	25-Feb-02
Owner Name:	Texaco Puerto Rico

TEXACO#369
AVE.SANTA JUANITA CALLE INDIA
BAYAMON, PR

RGA LUST **S116438897**
N/A

RGA LUST:

2010	TEXACO#369	AVE.SANTA JUANITA CALLE INDIA
2003	TEXACO#369	AVE.SANTA JUANITA CALLE INDIA
2002	TEXACO#369	AVE.SANTA JUANITA CALLE INDIA

TEXACO- SANTA JUANITA S/S #369
AVE.SANTA JUANITA CALLE INDIA
BAYAMON, PR

RGA LUST **S116438908**
N/A

RGA LUST:

2008	TEXACO- SANTA JUANITA S/S #369	AVE.SANTA JUANITA CALLE INDIA
2007	TEXACO- SANTA JUANITA S/S #369	AVE.SANTA JUANITA CALLE INDIA

Site	Database(s)	EDR ID Number EPA ID Number
TOTAL PETROLEUM #115017 **AVENIDA COMERIO ESQ 801 RIO HONDO** **BAYAMON, PR**	**UST FINDER**	**1028682980** **N/A**
AVINTA CENTRAL JUANITA **BAYAMON, PR** The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information	**ERNS**	**2005757956** **N/A**
BAYAMON **BAYAMON, PR** The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information	**ERNS**	**2000542892** **N/A**
BAYAMON TECHNICAL OFFICE **BAYAMON, PR** The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information	**ERNS**	**96354816** **N/A**
BAYAMON **BAYAMON, PR** RGA LUST: 2006 BAYAMON 2005 BAYAMON	**RGA LUST**	**S116435708** **N/A**
MAGNOLIA (EX-SHELL S/S #804436) **BAYAMON** **BAYAMON, PR** RGA LUST: 2007 MAGNOLIA (EX-SHELL S/S #804436) BAYAMON	**RGA LUST**	**S116437990** **N/A**
MAGNOLIA (EX-SHELL S/S #804436) **BAYAMON** **BAYAMON, PR** RGA LUST: 2008 MAGNOLIA (EX-SHELL S/S #804436) BAYAMON	**RGA LUST**	**S116437991** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number

SHELL
BAYAMON
BAYAMON, PR

RGA LUST **S116438742**
N/A

RGA LUST:

2000	SHELL	BAYAMON
2000	SHELL	BAYAMON

SHELL #4436
BAYAMON
BAYAMON, PR

LUST **S103553829**
N/A

PR LUST:

Name:	SHELL #4436
Address:	BAYAMON
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0608
Status:	INACTIVE
Released:	Yes
Released Date:	23-Jul-03
How Known:	Product in MW
Date Known:	8-Nov-01
Owner Name:	Shell Company (P.R.) Limited

SHELL #4436
BAYAMON
BAYAMON, PR

RGA LUST **S116438495**
N/A

RGA LUST:

2010	SHELL #4436	BAYAMON
2003	SHELL #4436	BAYAMON
2002	SHELL #4436	BAYAMON
2001	SHELL #4436	BAYAMON

SHELL 3140
BAYAMON
BAYAMON, PR

RGA LUST **S116438549**
N/A

RGA LUST:

2000	SHELL 3140	BAYAMON

SHELL 804428
BAYAMON
BAYAMON, PR

RGA LUST **S116438575**
N/A

RGA LUST:

2000	SHELL 804428	BAYAMON

Site	Database(s)	EDR ID Number EPA ID Number

SHELL 804568
BAYAMON
BAYAMON, PR

RGA LUST **S116438578**
N/A

RGA LUST:

2000 SHELL 804568 BAYAMON

BETANCES AVE
BAYAMON, PR

ERNS **2011997765**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BORDENS CO
BAYAMON, PR

ERNS **89104272**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

SAMARITANO & CO., INC.
BOUNDARY ST. #1, CORNER 24 ST.
BAYAMON, PR

LUST **S123161981**
N/A

PR LUST:

Name:	SAMARITANO & CO., INC.
Address:	BOUNDARY ST. #1, CORNER 24 ST.
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0805
Status:	INACTIVE
Released:	Not reported
Released Date:	14-May-13
How Known:	Unknown
Date Known:	17-Feb-12
Owner Name:	Samaritano & CO., INC.

C.T. RADIOLOGY COMPLEX, LLC
P.O. BOX 602727
BAYAMON, PR

MLTS **1025426906**
N/A

MLTS:

Contact Name:	Evelyn Patino Ortiz
Contact Phone:	787-780-9069
Institution Code:	14931
Dock Number:	3008264
License Number:	52-14931-01
Lic. Expiration Date:	2039-10-31 00:00:00
Licensee:	C.T. RADIOLOGY COMPLEX, LLC
Licensee Line 2:	Not reported
License Contact Street 1:	P.O. BOX 602727
License Contact Street 2:	Not reported
License Contact Street 3:	Not reported
License Contact City:	BAYAMON
License Contact State:	PR
License Contact Zip:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

C.T. RADIOLOGY COMPLEX, LLC (Continued) **1025426906**

License Date:	2024-10-11 00:00:00
First License Date:	1971-12-02 00:00:00
Status:	Active
Agency Code:	NRC
Authorized States:	Not reported
Authorized for Burial:	N
Approved for Storage Flag:	N
Approved for Redistrib Flag:	N
Approved for Incineration:	N
Last Inspection Date:	2023-03-08 00:00:00
Date of Nest Inspection:	2026-03-08 00:00:00
Primary RSO Full Name:	David Rhoe
Inspection Status:	Draft

KARDIO NUCLEAR, INC. **MLTS** **1012315793**
P.O. BOX 6480 **N/A**
BAYAMON, PR

MLTS:

Contact Name:	HUMBERTO QUINTANA
Contact Phone:	787-551-0215
Institution Code:	30841
Dock Number:	3038197
License Number:	52-30841-02
Lic. Expiration Date:	Not reported
Licensee:	KARDIO NUCLEAR, INC.
Licensee Line 2:	Not reported
License Contact Street 1:	P.O. BOX 6480
License Contact Street 2:	Not reported
License Contact Street 3:	Not reported
License Contact City:	BAYAMON
License Contact State:	PR
License Contact Zip:	Not reported
License Date:	2014-08-13 00:00:00
First License Date:	2010-01-06 00:00:00
Status:	Retired
Agency Code:	NRC
Authorized States:	Not reported
Authorized for Burial:	N
Approved for Storage Flag:	N
Approved for Redistrib Flag:	N
Approved for Incineration:	N
Last Inspection Date:	2010-12-15 00:00:00
Date of Nest Inspection:	2015-12-15 00:00:00
Primary RSO Full Name:	JOSSIAN PAGAN LISBOA
Inspection Status:	Draft

Site	Database(s)	EDR ID Number EPA ID Number

UNIVERSIDAD CENTRAL DEL CARIBE **MLTS** **1000491230**
PO BOX 60327 **N/A**
BAYAMON, PR

MLTS:

Contact Name:	Waleska Crespo-Rivera
Contact Phone:	787-798-6904
Institution Code:	23059
Dock Number:	3020225
License Number:	52-23059-01
Lic. Expiration Date:	2039-03-31 00:00:00
Licensee:	UNIVERSIDAD CENTRAL DEL CARIBE
Licensee Line 2:	School of Medicine
License Contact Street 1:	PO BOX 60327
License Contact Street 2:	Not reported
License Contact Street 3:	Not reported
License Contact City:	BAYAMON
License Contact State:	PR
License Contact Zip:	Not reported
License Date:	2024-03-04 00:00:00
First License Date:	1985-04-22 00:00:00
Status:	Active
Agency Code:	NRC
Authorized States:	Not reported
Authorized for Burial:	N
Approved for Storage Flag:	N
Approved for Redistrib Flag:	N
Approved for Incineration:	N
Last Inspection Date:	2023-03-01 00:00:00
Date of Nest Inspection:	2028-03-01 00:00:00
Primary RSO Full Name:	David Rhoe
Inspection Status:	Draft

ERNS **2021304296**
CALLE 14 **N/A**
BAYAMON, PR

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

RGA LUST **S116435775**
CALLE 167 KM 2.6 **N/A**
BAYAMON, PR

RGA LUST:

2006	CALLE 167 KM 2.6
2005	CALLE 167 KM 2.6

Site	Database(s)	EDR ID Number EPA ID Number
CALLE 167 LA PAZ **BAYAMON, PR**	**RGA LUST**	**S116435776** **N/A**

RGA LUST:

2010	CALLE 167 LA PAZ
2006	CALLE 167 LA PAZ
2005	CALLE 167 LA PAZ
2003	CALLE 167 LA PAZ
2002	CALLE 167 LA PAZ
2001	CALLE 167 LA PAZ
2000	CALLE 167 LA PAZ

CALLE 60 E MINILLAS INDUSTRIAL PARK **BAYAMON, PR**	**RGA LUST**	**S116435797** **N/A**

RGA LUST:

2006	CALLE 60 E MINILLAS INDUSTRIAL PARK
2005	CALLE 60 E MINILLAS INDUSTRIAL PARK

CALLE BARBOSA ESQ. CARR 2 **BAYAMON, PR**	**RGA LUST**	**S116435819** **N/A**

RGA LUST:

2006	CALLE BARBOSA ESQ. CARR 2
2005	CALLE BARBOSA ESQ. CARR 2

CALLE J-9 EXTENCI N HERMANAS DAVILA **BAYAMON, PR**	**RGA LUST**	**S116435851** **N/A**

RGA LUST:

2005	CALLE J-9 EXTENCI N HERMANAS DAVILA

CALLE J-9 EXTENCION HERMANAS DAVILA **BAYAMON, PR**	**RGA LUST**	**S116435852** **N/A**

RGA LUST:

2006	CALLE J-9 EXTENCIN HERMANAS DAVILA

Site	Database(s)	EDR ID Number EPA ID Number

CALLE PERIPHERAL Y 9 REXVILLE — **RGA LUST** — **S116435904**
BAYAMON, PR — **N/A**

RGA LUST:

2006	CALLE PERIPHERAL Y 9 REXVILLE
2005	CALLE PERIPHERAL Y 9 REXVILLE

CALLE STA. CRUZ # 70 — **RGA LUST** — **S116435923**
BAYAMON, PR — **N/A**

RGA LUST:

2006	CALLE STA. CRUZ # 70
2005	CALLE STA. CRUZ # 70

AUTORIDAD DE LOS PUERTOS — **LUST** — **S101442749**
CALLE 167 LA PAZ — **N/A**
BAYAMON, PR

PR LUST:

Name:	AUTORIDAD DE LOS PUERTOS
Address:	CALLE 167 LA PAZ
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0193
Status:	INACTIVE
Released:	Yes
Released Date:	25-Feb-95
How Known:	UST Removal
Date Known:	9-Sep-93
Owner Name:	Gulf-Chevron

CARIBBEAN PETRLEUM — **RGA LUST** — **S116435953**
CALLE C-33, ESQ. PAZ EXT. FOREST HILLS — **N/A**
BAYAMON, PR

RGA LUST:

2000	CARIBBEAN PETRLEUM	CALLE C-33, ESQ. PAZ EXT. FOREST HILLS

CHELSEA LAB. CARIBE INC. — **LUST** — **S103934099**
CALLE 60 E MINILLAS INDUSTRIAL PARK — **N/A**
BAYAMON, PR

PR LUST:

Name:	CHELSEA LAB. CARIBE INC.
Address:	CALLE 60 E MINILLAS INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0047
Status:	INACTIVE
Released:	Yes
Released Date:	24-Jun-97
How Known:	UST Removal
Date Known:	30-Oct-94

Site	Database(s)	EDR ID Number EPA ID Number

CHELSEA LAB. CARIBE INC. (Continued) **S103934099**

Owner Name: Chelsea Lab. Caribe Inc.

CHELSEA LAB. CARIBE INC. **RGA LUST** **S116436607**
CALLE 60 E MINILLAS INDUSTRIAL PARK **N/A**
BAYAMON, PR

RGA LUST:

2010	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2008	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2007	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2003	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2002	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2001	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK
2000	CHELSEA LAB. CARIBE INC.	CALLE 60 E MINILLAS INDUSTRIAL PARK

ESSO CO-063 **LUST** **S106917694**
CALLE LAUREL LOMAS VERDES **N/A**
BAYAMON, PR

PR LUST:

Name:	ESSO CO-063
Address:	CALLE LAUREL LOMAS VERDES
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1152
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	9-Jun-00
Owner Name:	Esso Standard Oil Co

ESSO S/S 13060 **LUST** **S103553960**
CALLE BARBOSA ESQ. CARR 2 **N/A**
BAYAMON, PR

PR LUST:

Name:	ESSO S/S 13060
Address:	CALLE BARBOSA ESQ. CARR 2
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1287
Status:	INACTIVE
Released:	Yes

Site	Database(s)	EDR ID Number EPA ID Number

ESSO S/S 13060 (Continued) **S103553960**

Released Date: 18-Oct-99
How Known: Unknown
Date Known: 17-Aug-99
Owner Name: Esso Standard Oil Co.

ESSO S/S 13060 **RGA LUST** **S116436907**
CALLE BARBOSA ESQ. CARR 2 **N/A**
BAYAMON, PR

RGA LUST:

2010	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2008	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2007	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2003	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2002	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2001	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2
2000	ESSO S/S 13060	CALLE BARBOSA ESQ. CARR 2

ESSO S/S CO-063 **RGA LUST** **S116436981**
CALLE LAUREL LOMAS VERDES **N/A**
BAYAMON, PR

RGA LUST:

2008	ESSO S/S CO-063	CALLE LAUREL LOMAS VERDES

ESSO S/S CO-067 **RGA LUST** **S116436984**
CALLE 167 KM 2.6 **N/A**
BAYAMON, PR

RGA LUST:

2008	ESSO S/S CO-067	CALLE 167 KM 2.6
2007	ESSO S/S CO-067	CALLE 167 KM 2.6

ESTACION GASOLINA #3111 **LUST** **S123161971**
CALLE COMERIO ESQ.CALLE 21 FOREST HILL **N/A**
BAYAMON, PR

PR LUST:
Name: ESTACION GASOLINA #3111
Address: CALLE COMERIO ESQ.CALLE 21 FOREST HILL
City,State,Zip: BAYAMON, PR
Facility ID: 00-0009
Status: ACTIVE
Released: Not reported
Released Date: Not reported
How Known: Spill

Site	Database(s)	EDR ID Number EPA ID Number

ESTACION GASOLINA #3111 (Continued) **S123161971**

Date Known: 11-Jun-15
Owner Name: Estacion Gasolina #3111

FRANCISCO JIMENEZ S/S 528 **RGA LUST** **S116437234**
CALLE PERIPHERAL Y 9 REXVILLE **N/A**
BAYAMON, PR

RGA LUST:

2010	FRANCISCO JIMENEZ S/S 528	CALLE PERIPHERAL Y 9 REXVILLE
2003	FRANCISCO JIMENEZ S/S 528	CALLE PERIPHERAL Y 9 REXVILLE
2002	FRANCISCO JIMENEZ S/S 528	CALLE PERIPHERAL Y 9 REXVILLE
2001	FRANCISCO JIMENEZ S/S 528	CALLE PERIPHERAL Y 9 REXVILLE
2000	FRANCISCO JIMENEZ S/S 528	CALLE PERIPHERAL Y 9 REXVILLE

GASOLINAS PR **UST FINDER** **1028683023**
CALLE SANTA CRUZ **N/A**
BAYAMON, PR

GPR #2127 **LUST** **S106917645**
CALLE SANTA ROSA **N/A**
BAYAMON, PR

PR LUST:

Name:	GPR #2127
Address:	CALLE SANTA ROSA
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0401
Status:	INACTIVE
Released:	Yes
Released Date:	4-Oct-01
How Known:	UST Removal
Date Known:	21-Jan-94
Owner Name:	Gasolinas de Puerto Rico

GULF #001 **LUST** **S106676749**
CALLE MARGINAL FOREST HILLS **N/A**
BAYAMON, PR

PR LUST:

Name:	GULF #001
Address:	CALLE MARGINAL FOREST HILLS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0239
Status:	ACTIVE
Released:	Yes
Released Date:	Not reported
How Known:	UST Removal
Date Known:	30-May-00
Owner Name:	Caribbean Petroleum Corp.

Site	Database(s)	EDR ID Number EPA ID Number

GULF S/S #001 **RGA LUST** **S116437600**
CALLE MARGINAL FOREST HILLS **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF S/S #001	CALLE MARGINAL FOREST HILLS

GULF SERVICE STATION #0175 **RGA LUST** **S116437749**
CALLE 167 LA PAZ **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF SERVICE STATION #0175	CALLE 167 LA PAZ
2007	GULF SERVICE STATION #0175	CALLE 167 LA PAZ

HOSPITAL HIMA SAN PABLO **LUST** **S105421746**
CALLE STA. CRUZ # 70 **N/A**
BAYAMON, PR

PR LUST:

Name:	HOSPITAL HIMA SAN PABLO
Address:	CALLE STA. CRUZ # 70
City,State,Zip:	BAYAMON, PR
Facility ID:	88-0008
Status:	INACTIVE
Released:	Yes
Released Date:	Unknown
How Known:	Unknown
Date Known:	Unknown
Owner Name:	Hospital San Pablo, Inc.

HOSPITAL MATILDE BRENES **LUST** **S103934119**
CALLE J-9 EXTENCION HERMANAS DAVILA **N/A**
BAYAMON, PR

PR LUST:

Name:	HOSPITAL MATILDE BRENES
Address:	CALLE J-9 EXTENCION HERMANAS DAVILA
City,State,Zip:	BAYAMON, PR
Facility ID:	90-0080
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	21-Nov-95
Owner Name:	Hospital Matilde Brenes

Name:	HOSPITAL MATILDE BRENES (HOSPITAL DOCTOR'S CENTER)
Address:	CALLE J-9 EXTENCION HERMANAS DAVILA
City,State,Zip:	BAYAMON, PR
Facility ID:	90-0080
Status:	INACTIVE
Released:	No
Released Date:	5-Sep-19
How Known:	UST Removal
Date Known:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

HOSPITAL MATILDE BRENES (Continued) **S103934119**

Owner Name: Hosp. Matilde Brenes (Hosp. Doctor's Center21-Nov-95

HOSPITAL MATILDE BRENES **RGA LUST** **S116437820**
CALLE J-9 EXTENCI N HERMANAS DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2010 HOSPITAL MATILDE BRENES CALLE J-9 EXTENCI N HERMANAS DAVILA

HOSPITAL MATILDE BRENES **RGA LUST** **S116437821**
CALLE J-9 EXTENCI?N HERMANAS DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2003 HOSPITAL MATILDE BRENES CALLE J-9 EXTENCIN HERMANAS DAVILA

2002 HOSPITAL MATILDE BRENES CALLE J-9 EXTENCIN HERMANAS DAVILA

2001 HOSPITAL MATILDE BRENES CALLE J-9 EXTENCIN HERMANAS DAVILA

2000 HOSPITAL MATILDE BRENES CALLE J-9 EXTENCIN HERMANAS DAVILA

HOSPITAL MATILDE BRENES INC **RGA LUST** **S116437818**
CALLE J-9 EXTENCI N HERMANAS DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2007 HOSPITAL MATILDE BRENES INC CALLE J-9 EXTENCI N HERMANAS DAVILA

HOSPITAL MATILDE BRENES INC **RGA LUST** **S116437819**
CALLE J-9 EXTENCION HERMANAS DAVILA **N/A**
BAYAMON, PR

RGA LUST:

2008 HOSPITAL MATILDE BRENES INC CALLE J-9 EXTENCION HERMANAS DAVILA

Site	Database(s)	EDR ID Number EPA ID Number

HOSPITAL SAN PABLO
CALLE STA. CRUZ # 70
BAYAMON, PR

RGA LUST **S116437830**
N/A

RGA LUST:

2007	HOSPITAL SAN PABLO	CALLE STA. CRUZ # 70

HOSPITAL SAN PABLO
CALLE STA.CRUZ#70
BAYAMON, PR

RGA LUST **S116437831**
N/A

RGA LUST:

2008	HOSPITAL SAN PABLO	CALLE STA.CRUZ#70

LA ALDEA SERVACAR
CALLE 167 KM 2.6
BAYAMON, PR

LUST **S101442877**
N/A

PR LUST:

Name:	LA ALDEA SERVACAR
Address:	CALLE 167 KM 2.6
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1079
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	8-Nov-00
Owner Name:	Esso Standard Oil Co.

LA ALDEA SERVACAR
CALLE 167 KM 2.6
BAYAMON, PR

RGA LUST **S116437935**
N/A

RGA LUST:

2010	LA ALDEA SERVACAR	CALLE 167 KM 2.6
2003	LA ALDEA SERVACAR	CALLE 167 KM 2.6
2002	LA ALDEA SERVACAR	CALLE 167 KM 2.6
2001	LA ALDEA SERVACAR	CALLE 167 KM 2.6
2000	LA ALDEA SERVACAR	CALLE 167 KM 2.6

MAGNOLIA SERVICE STA.
CALLE ESQUINA 15 MAGNOLIA
BAYAMON, PR

LUST **S106917800**
N/A

PR LUST:

Name:	MAGNOLIA SERVICE STA.
Address:	CALLE ESQUINA 15 MAGNOLIA
City,State,Zip:	BAYAMON, PR
Facility ID:	90-0032
Status:	ACTIVE

Site	Database(s)	EDR ID Number EPA ID Number

MAGNOLIA SERVICE STA. (Continued) **S106917800**

Released:	No
Released Date:	Not reported
How Known:	UST Replacement
Date Known:	29-Sep-00
Owner Name:	Santa Paula Oil Corp.

PR TELEPHONE COMPANY - REXVILLE **LUST** **S106917790**
CALLE 31 FINAL, URB. REXVILLE **N/A**
BAYAMON, PR

PR LUST:

Name:	PR TELEPHONE COMPANY - REXVILLE
Address:	CALLE 31 FINAL, URB. REXVILLE
City,State,Zip:	BAYAMON, PR
Facility ID:	89-0107
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	High Concentration
Date Known:	Unknown
Owner Name:	PR Telephone Company

SAN PABLO HOSPITAL **RGA LUST** **S116438417**
CALLE STA. CRUZ # 70 **N/A**
BAYAMON, PR

RGA LUST:

2010	SAN PABLO HOSPITAL	CALLE STA. CRUZ # 70
2003	SAN PABLO HOSPITAL	CALLE STA. CRUZ # 70
2002	SAN PABLO HOSPITAL	CALLE STA. CRUZ # 70

SANTA PAULA OIL- MAGNOLIA **RGA LUST** **S116438431**
CALLE ESQUINA 15 MAGNOLIA **N/A**
BAYAMON, PR

RGA LUST:

2008	SANTA PAULA OIL- MAGNOLIA	CALLE ESQUINA 15 MAGNOLIA

SHELL S/S #002577 **LUST** **S103553907**
CALLE COMERIO ESQ. AVE. HNAS. DAVILA/URB. SAN FERNANSHELL CO **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL S/S #002577
Address:	CALLE COMERIO ESQ. AVE. HNAS. DAVILA/URB. SAN FERNANSHELL COMPANY (P.R.) LIMITED
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1008
Status:	INACTIVE
Released:	Yes
Released Date:	6-May-05
How Known:	UST Removal

Site	Database(s)	EDR ID Number EPA ID Number

SHELL S/S #002577 (Continued) **S103553907**

Date Known: Unknown
Owner Name: Not reported

TEXACO - REXVILLE S/S # 399 **RGA LUST** **S116438865**
CALLE PERIPHERAL Y 9 REXVILLE **N/A**
BAYAMON, PR

RGA LUST:

2008	TEXACO - REXVILLE S/S # 399	CALLE PERIPHERAL Y 9 REXVILLE
2007	TEXACO - REXVILLE S/S # 399	CALLE PERIPHERAL Y 9 REXVILLE

TOTAL #5127 **RGA LUST** **S116438948**
CALLE SANTA ROSA **N/A**
BAYAMON, PR

RGA LUST:

2008	TOTAL #5127	CALLE SANTA ROSA

TOTAL PETROLEUM #410127 **UST FINDER** **1028683021**
CALLE SANTA CRUZ #25 **N/A**
BAYAMON, PR

GPR #2140 **LUST** **S106917805**
EL CANTON MALL, CARR. #167 KM. 7 **N/A**
BAYAMON, PR

PR LUST:

Name:	GPR #2140
Address:	EL CANTON MALL, CARR. #167 KM. 7
City,State,Zip:	BAYAMON, PR
Facility ID:	91-0038
Status:	INACTIVE
Released:	Yes
Released Date:	26-Mar-03
How Known:	UST Removal
Date Known:	2-Oct-00
Owner Name:	Gasolinas de Puerto Rico

TOTAL PETROLEUM #3140 **RGA LUST** **S116438968**
EL CANTON MALL **N/A**
BAYAMON, PR

RGA LUST:

2008	TOTAL PETROLEUM #3140	EL CANTON MALL

Site	Database(s)	EDR ID Number EPA ID Number

CARR PR-5 KM.4.4 AVE.
BAYAMON, PR

ERNS **2025432413**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

CARR 174 KM 1.7
BAYAMON, PR

LUST **S103554123**
N/A

PR LUST:

Name:	Not reported
Address:	CARR 174 KM 1.7
City,State,Zip:	BAYAMON, PR
Facility ID:	92-0126
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	5-Mar-95
Owner Name:	Caribbean Petroleum Corp.

CARR #2 KM 12
BAYAMON, PR

RGA LUST **S116436002**
N/A

RGA LUST:

2006	CARR #2 KM 12
2005	CARR #2 KM 12

CARR #2 KM 14.1
BAYAMON, PR

RGA LUST **S116436003**
N/A

RGA LUST:

2006	CARR #2 KM 14.1
2005	CARR #2 KM 14.1
2000	CARR #2 KM 14.1

CARR #2
BAYAMON, PR

RGA LUST **S116436004**
N/A

RGA LUST:

2006	CARR #2
2005	CARR #2

Site	Database(s)	EDR ID Number EPA ID Number

CARR 107 & CALLE LA PAZ
BAYAMON, PR

RGA LUST **S116436029**
N/A

RGA LUST:

2006	CARR 107 & CALLE LA PAZ
2005	CARR 107 & CALLE LA PAZ
2003	CARR 107 & CALLE LA PAZ
2002	CARR 107 & CALLE LA PAZ
2001	CARR 107 & CALLE LA PAZ
2000	CARR 107 & CALLE LA PAZ

CARR 167 CALLE 21/ URB. REXVILLE
BAYAMON, PR

RGA LUST **S116436089**
N/A

RGA LUST:

2006	CARR 167 CALLE 21/ URB. REXVILLE
2005	CARR 167 CALLE 21/ URB. REXVILLE

CARR 167 KM 15.4
BAYAMON, PR

RGA LUST **S116436090**
N/A

RGA LUST:

2006	CARR 167 KM 15.4
2005	CARR 167 KM 15.4

CARR 167 KM 18.5
BAYAMON, PR

RGA LUST **S116436091**
N/A

RGA LUST:

2006	CARR 167 KM 18.5
2005	CARR 167 KM 18.5

CARR 168 CENTRO COMERCIAL RIVERVIEW
BAYAMON, PR

RGA LUST **S116436092**
N/A

RGA LUST:

2006	CARR 168 CENTRO COMERCIAL RIVERVIEW
2005	CARR 168 CENTRO COMERCIAL RIVERVIEW

Site	Database(s)	EDR ID Number EPA ID Number
CARR 174 KM 1.7 **BAYAMON, PR**	**RGA LUST**	**S116436096** **N/A**

RGA LUST:

2010	CARR 174 KM 1.7
2006	CARR 174 KM 1.7
2005	CARR 174 KM 1.7
2003	CARR 174 KM 1.7
2002	CARR 174 KM 1.7
2001	CARR 174 KM 1.7
2000	CARR 174 KM 1.7

CARR 174 KM 2.2 MINILLAS INDUSTRIAL **BAYAMON, PR**	**RGA LUST**	**S116436097** **N/A**

RGA LUST:

2006	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2005	CARR 174 KM 2.2 MINILLAS INDUSTRIAL

CARR 2 CALLE 1 COOP. **BAYAMON, PR**	**RGA LUST**	**S116436140** **N/A**

RGA LUST:

2006	CARR 2 CALLE 1 COOP.
2005	CARR 2 CALLE 1 COOP.
2000	CARR 2 CALLE 1 COOP.

CARR 2 KM 11.2 **BAYAMON, PR**	**RGA LUST**	**S116436143** **N/A**

RGA LUST:

2006	CARR 2 KM 11.2
2005	CARR 2 KM 11.2

Site	Database(s)	EDR ID Number EPA ID Number

CARR 2 KM 13.9
BAYAMON, PR

RGA LUST **S116436148**
N/A

RGA LUST:

2006	CARR 2 KM 13.9
2005	CARR 2 KM 13.9

CARR 2 KM 14.2
BAYAMON, PR

RGA LUST **S116436149**
N/A

RGA LUST:

2006	CARR 2 KM 14.2
2005	CARR 2 KM 14.2
2000	CARR 2 KM 14.2

CARR 2 KM 15.0
BAYAMON, PR

RGA LUST **S116436152**
N/A

RGA LUST:

2006	CARR 2 KM 15.0
2005	CARR 2 KM 15.0
2000	CARR 2 KM 15.0

CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS
BAYAMON, PR

RGA LUST **S116436153**
N/A

RGA LUST:

2006	CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS
2005	CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

CARR 2 KM 8.3
BAYAMON, PR

RGA LUST **S116436168**
N/A

RGA LUST:

2006	CARR 2 KM 8.3
2005	CARR 2 KM 8.3
2000	CARR 2 KM 8.3

Site	Database(s)	EDR ID Number EPA ID Number
CARR 2 KM 8.9 **BAYAMON, PR**	**RGA LUST**	**S116436169** **N/A**

RGA LUST:

2006	CARR 2 KM 8.9
2005	CARR 2 KM 8.9

CARR 2 KM 9.6 **BAYAMON, PR**	**RGA LUST**	**S116436172** **N/A**

RGA LUST:

2006	CARR 2 KM 9.6
2005	CARR 2 KM 9.6
2000	CARR 2 KM 9.6

CARR 2 SANTA ROSA **BAYAMON, PR**	**RGA LUST**	**S116436173** **N/A**

RGA LUST:

2006	CARR 2 SANTA ROSA
2005	CARR 2 SANTA ROSA

CARR 831 KM 2.5 **BAYAMON, PR**	**RGA LUST**	**S116436261** **N/A**

RGA LUST:

2006	CARR 831 KM 2.5

CARR 831 LOMAS VERDES **BAYAMON, PR**	**RGA LUST**	**S116436262** **N/A**

RGA LUST:

2010	CARR 831 LOMAS VERDES
2006	CARR 831 LOMAS VERDES
2005	CARR 831 LOMAS VERDES
2003	CARR 831 LOMAS VERDES
2002	CARR 831 LOMAS VERDES
2001	CARR 831 LOMAS VERDES
2000	CARR 831 LOMAS VERDES

Site	Database(s)	EDR ID Number EPA ID Number

CARR 861 KM 3
BAYAMON, PR

RGA LUST **S116436274**
N/A

RGA LUST:

2006	CARR 861 KM 3
2005	CARR 861 KM 3

AMERICAN GASOLINE (AMERICAN PETROLEUM)
CARR 174 KM 9.1
BAYAMON, PR

UST FINDER **1028683049**
N/A

ANY TIME MINI MARKET GAS STATION
CARR 2 KM 14.5 HATO TEJAS
BAYAMON, PR

UST FINDER **1028682946**
N/A

APR BAYAMON
CARR 872 KM 0.9 SECT RIO PLANTATION
BAYAMON, PR

UST FINDER **1028682951**
N/A

AUT. CARRETERAS
CARR 2 SANTA ROSA
BAYAMON, PR

LUST **S104228807**
N/A

PR LUST:

Name:	AUT. CARRETERAS
Address:	CARR 2 SANTA ROSA
City,State,Zip:	BAYAMON, PR
Facility ID:	98-0069
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	23-Jul-99
Owner Name:	Periferal Norte PR 8855

AUT. CARRETERAS
CARR 2 SANTA ROSA
BAYAMON, PR

RGA LUST **S116435513**
N/A

RGA LUST:

2010	AUT. CARRETERAS	CARR 2 SANTA ROSA
2003	AUT. CARRETERAS	CARR 2 SANTA ROSA
2002	AUT. CARRETERAS	CARR 2 SANTA ROSA
2001	AUT. CARRETERAS	CARR 2 SANTA ROSA
2000	AUT. CARRETERAS	CARR 2 SANTA ROSA

Site	Database(s)	EDR ID Number EPA ID Number

BEST PAJAROS S/S — **LUST** — **S101443004**
CARR 863 KM 0.1, BO. PAJAROS — **N/A**
BAYAMON, PR

PR LUST:

Name:	BEST PAJAROS S/S
Address:	CARR 863 KM 0.1, BO. PAJAROS
City,State,Zip:	BAYAMON, PR
Facility ID:	91-0348
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Loss Inspection
Date Known:	12-Mar-99
Owner Name:	Antonio de Jesus

CARIBBEAN PETRLEUM — **RGA LUST** — **S116435957**
CARR #2 KM 15.5 — **N/A**
BAYAMON, PR

RGA LUST:

2000	CARIBBEAN PETRLEUM	CARR #2 KM 15.5

CARIBBEAN PETROLEUM DISTRIBUTOR CORP. — **RGA LUST** — **S116435969**
CARR 174 KM 1.7 — **N/A**
BAYAMON, PR

RGA LUST:

2008	CARIBBEAN PETROLEUM DISTRIBUTOR CORP.	CARR 174 KM 1.7
2007	CARIBBEAN PETROLEUM DISTRIBUTOR CORP.	CARR 174 KM 1.7

CITGO BAYAMON — **LUST** — **S103554087**
CARR 831 URB. LOMAS VERDES — **N/A**
BAYAMON, PR

PR LUST:

Name:	CITGO BAYAMON
Address:	CARR 831 URB. LOMAS VERDES
City,State,Zip:	BAYAMON, PR
Facility ID:	91-0040
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	Unknown
Owner Name:	CIGTO/ Caguas San Juan Investment, Inc.

Site	Database(s)	EDR ID Number EPA ID Number

CITIBANK-BAYAMON **LUST** **S104228797**
CARR 2 KM 11.2 **N/A**
BAYAMON, PR

PR LUST:

Name:	CITIBANK-BAYAMON
Address:	CARR 2 KM 11.2
City,State,Zip:	BAYAMON, PR
Facility ID:	94-0091
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	30-Sep-99
Owner Name:	Citibank

CITIBANK-BAYAMON **RGA LUST** **S116436626**
CARR 2 KM 11.2 **N/A**
BAYAMON, PR

RGA LUST:

2010	CITIBANK-BAYAMON	CARR 2 KM 11.2
2008	CITIBANK-BAYAMON	CARR 2 KM 11.2
2007	CITIBANK-BAYAMON	CARR 2 KM 11.2
2003	CITIBANK-BAYAMON	CARR 2 KM 11.2
2002	CITIBANK-BAYAMON	CARR 2 KM 11.2
2001	CITIBANK-BAYAMON	CARR 2 KM 11.2
2000	CITIBANK-BAYAMON	CARR 2 KM 11.2

DELTA GAS STATION **UST FINDER** **1028682954**
CARR 2 KM 13.6 BO HATO TEJAS **N/A**
BAYAMON, PR

EMPRESAS LAUSELL **RGA LUST** **S116436756**
CARR # 2 KM 14.1 **N/A**
BAYAMON, PR

RGA LUST:

2008	EMPRESAS LAUSELL	CARR # 2 KM 14.1

Site	Database(s)	EDR ID Number EPA ID Number

EMPRESAS LAUSELL
CARR #2 KM 14.1
BAYAMON, PR

RGA LUST **S116436757**
N/A

RGA LUST:

2007	EMPRESAS LAUSELL	CARR #2 KM 14.1

ENG. ENEIDA HERNANDEZ
CARR 2 KM 13.9
BAYAMON, PR

RGA LUST **S116436768**
N/A

RGA LUST:

2000	ENG. ENEIDA HERNANDEZ	CARR 2 KM 13.9

ESCUELA SORDO CIEGOS
CARR 2 ANTIGUO HOSPITAL RUIZ SOLER EDIFICIO B
BAYAMON, PR

UST FINDER **1028683071**
N/A

ESSO CO-057 ISMAEL ORTIZ
CARR 2 CALLE 1 COOP.
BAYAMON, PR

LUST **S101442892**
N/A

PR LUST:

Name:	ESSO CO-057 ISMAEL ORTIZ
Address:	CARR 2 CALLE 1 COOP.
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1150
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Product in Well
Date Known:	20-Feb-01
Owner Name:	Esso Standard Oil Co.

ESSO CO-057 ISMAEL ORTIZ
CARR 2 CALLE 1 COOP.
BAYAMON, PR

RGA LUST **S116436839**
N/A

RGA LUST:

2010	ESSO CO-057 ISMAEL ORTIZ	CARR 2 CALLE 1 COOP.
2003	ESSO CO-057 ISMAEL ORTIZ	CARR 2 CALLE 1 COOP.
2002	ESSO CO-057 ISMAEL ORTIZ	CARR 2 CALLE 1 COOP.
2001	ESSO CO-057 ISMAEL ORTIZ	CARR 2 CALLE 1 COOP.

Site	Database(s)	EDR ID Number EPA ID Number

ESSO S/S **RGA LUST** **S116437084**
CARR 2 CALLE 1 COOP. **N/A**
BAYAMON, PR

RGA LUST:

2008	ESSO S/S	CARR 2 CALLE 1 COOP.
2007	ESSO S/S	CARR 2 CALLE 1 COOP.

ESTACION BOMBAS REXVILLE **LUST** **S103554115**
CARR 167 CALLE 21/ URB. REXVILLE **N/A**
BAYAMON, PR

PR LUST:

Name:	ESTACION BOMBAS REXVILLE
Address:	CARR 167 CALLE 21/ URB. REXVILLE
City,State,Zip:	BAYAMON, PR
Facility ID:	92-0090
Status:	INACTIVE
Released:	Yes
Released Date:	27-Apr-99
How Known:	Product in MW
Date Known:	7-Aug-98
Owner Name:	PR Aqueduct & Sewer Autho

ESTACION BOMBAS REXVILLE **RGA LUST** **S116437130**
CARR 167 CALLE 21/ URB. REXVILLE **N/A**
BAYAMON, PR

RGA LUST:

2010	ESTACION BOMBAS REXVILLE	CARR 167 CALLE 21/ URB. REXVILLE
2003	ESTACION BOMBAS REXVILLE	CARR 167 CALLE 21/ URB. REXVILLE
2002	ESTACION BOMBAS REXVILLE	CARR 167 CALLE 21/ URB. REXVILLE
2001	ESTACION BOMBAS REXVILLE	CARR 167 CALLE 21/ URB. REXVILLE
2000	ESTACION BOMBAS REXVILLE	CARR 167 CALLE 21/ URB. REXVILLE

ESTACION DE BOMBAS REXVILLE **RGA LUST** **S116437135**
CARR 167 CALLE 21/ URB. REXVILLE **N/A**
BAYAMON, PR

RGA LUST:

2007 ESTACION DE BOMBAS REXVILLE CARR 167 CALLE 21/ URB. REXVILLE

Site	Database(s)	EDR ID Number EPA ID Number

ESTACION DE BOMBAS REXVILLE — **RGA LUST** — **S116437136**
CARR 167 CALLE 21/URB. REXVILLE — **N/A**
BAYAMON, PR

RGA LUST:

2008	ESTACION DE BOMBAS REXVILLE	CARR 167 CALLE 21/URB. REXVILLE

ESTACION ESSO — **UST FINDER** — **1028682960**
CARR 167 INT CARR 839 — **N/A**
BAYAMON, PR

F SANCHEZ SS — **UST FINDER** — **1028682945**
CARR 829 KM 2.4 BUENA VISTA — **N/A**
BAYAMON, PR

FELIX MIRANDA S/S — **LUST** — **S101442816**
CARR 167 KM 18.5 — **N/A**
BAYAMON, PR

PR LUST:

Name:	FELIX MIRANDA S/S
Address:	CARR 167 KM 18.5
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0612
Status:	INACTIVE
Released:	Yes
Released Date:	27-Dec-02
How Known:	Unknown
Date Known:	10-Aug-99
Owner Name:	Shell Company (P.R.) Limited

FELIX MIRANDA S/S — **RGA LUST** — **S116437204**
CARR 167 KM 18.5 — **N/A**
BAYAMON, PR

RGA LUST:

2010	FELIX MIRANDA S/S	CARR 167 KM 18.5
2003	FELIX MIRANDA S/S	CARR 167 KM 18.5
2002	FELIX MIRANDA S/S	CARR 167 KM 18.5
2001	FELIX MIRANDA S/S	CARR 167 KM 18.5
2000	FELIX MIRANDA S/S	CARR 167 KM 18.5

Site	Database(s)	EDR ID Number EPA ID Number

FLAV-O-RICH **LUST** **S103553736**
CARR 174 KM 2.2 MINILLAS INDUSTRIAL **N/A**
BAYAMON, PR

PR LUST:

Name:	FLAV-O-RICH
Address:	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0043
Status:	INACTIVE
Released:	Yes
Released Date:	16-Jan-96
How Known:	UST Removal
Date Known:	3-Jul-97
Owner Name:	Flav-o-Rich

FLAV-O-RICH **RGA LUST** **S116437213**
CARR 174 KM 2.2 MINILLAS INDUSTRIAL **N/A**
BAYAMON, PR

RGA LUST:

2010	FLAV-O-RICH	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2003	FLAV-O-RICH	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2002	FLAV-O-RICH	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2001	FLAV-O-RICH	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2000	FLAV-O-RICH	CARR 174 KM 2.2 MINILLAS INDUSTRIAL

FLAV-O-RICH, INC. **RGA LUST** **S116437212**
CARR 174 KM 2.2 MINILLAS INDUSTRIAL **N/A**
BAYAMON, PR

RGA LUST:

2008	FLAV-O-RICH, INC.	CARR 174 KM 2.2 MINILLAS INDUSTRIAL
2007	FLAV-O-RICH, INC.	CARR 174 KM 2.2 MINILLAS INDUSTRIAL

GARAJE CHEVRON **RGA LUST** **S116437265**
CARR #5 KM 26.1 **N/A**
BAYAMON, PR

RGA LUST:

2000	GARAJE CHEVRON	CARR #5 KM 26.1

Site	Database(s)	EDR ID Number EPA ID Number
GASOLINAS UNA (CHEVRON LUCHETTI) **CARR 5 KM 26.1** **BAYAMON, PR**	**UST FINDER**	**1028683043** **N/A**
GASOLINERA INDEPENDIENTE LILLIAN RIVERA **CARR 167 KM 10 BO DAJAOS** **BAYAMON, PR**	**UST FINDER**	**1028682916** **N/A**
GASOLINERA INDEPENDIENTE OASIS **CARR 167 KM 9.5 BO DAJAOS** **BAYAMON, PR**	**UST FINDER**	**1028682912** **N/A**
GASOLINERA RUTA 872 **CARR 872 SECT RIO PLANTATION** **BAYAMON, PR**	**UST FINDER**	**1028682955** **N/A**
GEL SERVICE STATION **CARR 167 KM 10.9 BO DAJAOS** **BAYAMON, PR**	**UST FINDER**	**1028682917** **N/A**
GEL SERVICE STATION **CARR 28 KM 2.0 BO JUAN SANCHEZ** **BAYAMON, PR**	**UST FINDER**	**1028683059** **N/A**
GRETCAR INC 90 0051 **CARR 174 KM 5.3** **BAYAMON, PR**	**UST FINDER**	**1028683052** **N/A**
GULF #001 **CARR 107 & CALLE LA PAZ** **BAYAMON, PR**	**RGA LUST**	**S116437422** **N/A**

RGA LUST:

2010	GULF #001	CARR 107 & CALLE LA PAZ

GULF #084 **CARR 2 KM 15.0** **BAYAMON, PR**	**RGA LUST**	**S116437465** **N/A**

RGA LUST:

2010	GULF #084	CARR 2 KM 15.0
2003	GULF #084	CARR 2 KM 15.0
2002	GULF #084	CARR 2 KM 15.0
2001	GULF #084	CARR 2 KM 15.0

Site	Database(s)	EDR ID Number EPA ID Number
GULF #139 **CARR 2 KM 8.3 MARGINAL** **BAYAMON, PR**	**UST FINDER**	**1028683066** **N/A**

GULF #139
CARR 2 KM 8.3
BAYAMON, PR

LUST **S103553802**
N/A

PR LUST:

Name:	GULF #139
Address:	CARR 2 KM 8.3
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0334
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Product in well
Date Known:	15-Jan-01
Owner Name:	Caribbean Petroleum Corp.

GULF #139
CARR 2 KM 8.3
BAYAMON, PR

RGA LUST **S116437502**
N/A

RGA LUST:

2010	GULF #139	CARR 2 KM 8.3
2003	GULF #139	CARR 2 KM 8.3
2002	GULF #139	CARR 2 KM 8.3
2001	GULF #139	CARR 2 KM 8.3

GULF #153
CARR 2 KM 15.4 BO HATO TEJAS
BAYAMON, PR

UST FINDER **1028682929**
N/A

GULF #199
CARR 2 KM 14.2 BO HATO TEJAS
BAYAMON, PR

UST FINDER **1028682947**
N/A

GULF #199
CARR 2 KM 14.2
BAYAMON, PR

LUST **S101442757**
N/A

PR LUST:

Name:	GULF #199
Address:	CARR 2 KM 14.2
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0216
Status:	INACTIVE
Released:	Yes
Released Date:	4-Mar-95
How Known:	Unknown
Date Known:	18-Oct-95

Site	Database(s)	EDR ID Number EPA ID Number

GULF #199 (Continued) **S101442757**

Owner Name: Caribbean Petroleum Corp

GULF #199 **RGA LUST** **S116437539**
CARR 2 KM 14.2 **N/A**
BAYAMON, PR

RGA LUST:

2010	GULF #199	CARR 2 KM 14.2
2003	GULF #199	CARR 2 KM 14.2
2002	GULF #199	CARR 2 KM 14.2
2001	GULF #199	CARR 2 KM 14.2

GULF #489 **UST FINDER** **1028683048**
CARR 174 INT AVE LOMAS VERDES **N/A**
BAYAMON, PR

GULF COOPERATIVA **UST FINDER** **1028682943**
CARR 2 KM 14.5 **N/A**
BAYAMON, PR

GULF S/S # 0139 **RGA LUST** **S116437597**
CARR 2 KM 8.3 **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF S/S # 0139	CARR 2 KM 8.3
2007	GULF S/S # 0139	CARR 2 KM 8.3

GULF S/S #001 **RGA LUST** **S116437601**
CARR 107 & CALLE LA PAZ **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF S/S #001	CARR 107 & CALLE LA PAZ
2007	GULF S/S #001	CARR 107 & CALLE LA PAZ

GULF S/S #084 **RGA LUST** **S116437648**
CARR 2 KM 15.0 **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF S/S #084	CARR 2 KM 15.0
2007	GULF S/S #084	CARR 2 KM 15.0

Site	Database(s)	EDR ID Number EPA ID Number

GULF S/S #199 (ANTES #428) **RGA LUST** **S116437688**
CARR 2 KM 14.2 **N/A**
BAYAMON, PR

RGA LUST:

2008	GULF S/S #199 (ANTES #428)	CARR 2 KM 14.2
2007	GULF S/S #199 (ANTES #428)	CARR 2 KM 14.2

HATO TEJAS GAS STATION **RGA LUST** **S116437769**
CARR 2 KM 13.9 **N/A**
BAYAMON, PR

RGA LUST:

2008	HATO TEJAS GAS STATION	CARR 2 KM 13.9
2007	HATO TEJAS GAS STATION	CARR 2 KM 13.9

HIMA SAN PABLO **UST FINDER** **1028683030**
CARR 855 CALLE SANTA CRUZ #70 **N/A**
BAYAMON, PR

JIMMY FERRER # 303 **RGA LUST** **S116437877**
CARR 831 LOMAS VERDES **N/A**
BAYAMON, PR

RGA LUST:

2008	JIMMY FERRER # 303	CARR 831 LOMAS VERDES
2007	JIMMY FERRER # 303	CARR 831 LOMAS VERDES

JUAN R. QUI ONES **RGA LUST** **S116437913**
CARR 168 CENTRO COMERCIAL RIVERVIEW **N/A**
BAYAMON, PR

RGA LUST:

2010	JUAN R. QUI ONES	CARR 168 CENTRO COMERCIAL RIVERVIEW

JUAN R. QUI?ONES **RGA LUST** **S116437915**
CARR 168 CENTRO COMERCIAL RIVERVIEW **N/A**
BAYAMON, PR

RGA LUST:

2003	JUAN R. QUIONES	CARR 168 CENTRO COMERCIAL RIVERVIEW
2002	JUAN R. QUIONES	CARR 168 CENTRO COMERCIAL RIVERVIEW
2001	JUAN R. QUIONES	CARR 168 CENTRO COMERCIAL RIVERVIEW
2000	JUAN R. QUIONES	CARR 168 CENTRO COMERCIAL RIVERVIEW

Site	Database(s)	EDR ID Number EPA ID Number
KING OIL CORP #473 **CARR 167 KM 19.4** **BAYAMON, PR**	**UST FINDER**	**1028682948** **N/A**

LAUSELL
CARR #2 KM 14.1
BAYAMON, PR

LUST **S104539968**
N/A

PR LUST:

Name:	LAUSELL
Address:	CARR #2 KM 14.1
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0160
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	5-Jun-97
Owner Name:	Lausell

LAUSELL
CARR #2 KM 14.1
BAYAMON, PR

RGA LUST **S116437960**
N/A

RGA LUST:

2010	LAUSELL	CARR #2 KM 14.1
2003	LAUSELL	CARR #2 KM 14.1
2002	LAUSELL	CARR #2 KM 14.1
2001	LAUSELL	CARR #2 KM 14.1

MAX GULF
CARR 2 KM 15.7 #2398 BO HATO TEJAS
BAYAMON, PR

UST FINDER **1028682926**
N/A

MEPSI
CARR #2
BAYAMON, PR

RGA LUST **S116438030**
N/A

RGA LUST:

2010	MEPSI	CARR #2
2003	MEPSI	CARR #2
2002	MEPSI	CARR #2
2001	MEPSI	CARR #2
2000	MEPSI	CARR #2

Site	Database(s)	EDR ID Number EPA ID Number

MEPSI CENTER **LUST** **S104540046**
CARR #2 **N/A**
BAYAMON, PR

PR LUST:

Name:	MEPSI CENTER
Address:	CARR #2
City,State,Zip:	BAYAMON, PR
Facility ID:	98-0123
Status:	INACTIVE
Released:	Yes
Released Date:	14-Sep-01
How Known:	UST Removal
Date Known:	22-Oct-99
Owner Name:	Hato Rey Psychiatric Hospital

MEPSI CENTER **RGA LUST** **S116438029**
CARR #2 **N/A**
BAYAMON, PR

RGA LUST:

2008	MEPSI CENTER	CARR #2
2007	MEPSI CENTER	CARR #2

MINILLAS SHELL SERVICE STATION **UST FINDER** **1028683017**
CARR 831 KM 2.7 BO MINILLAS **N/A**
BAYAMON, PR

NIMAY GAS STATION **RGA LUST** **S116438097**
CARR 2 KM 9.6 **N/A**
BAYAMON, PR

RGA LUST:

2007	NIMAY GAS STATION	CARR 2 KM 9.6

OPM BAYAMON PROT AMBIENTAL **UST FINDER** **1028683035**
CARR 5 BO JUAN SANCHEZ **N/A**
BAYAMON, PR

P.R. CONTAINER **LUST** **S103554122**
CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS **N/A**
BAYAMON, PR

PR LUST:

Name:	P.R. CONTAINER
Address:	CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS
City,State,Zip:	BAYAMON, PR
Facility ID:	92-0122
Status:	INACTIVE
Released:	Yes
Released Date:	7-Jun-02
How Known:	UST Removal
Date Known:	Unknown
Owner Name:	Union Camp PR

Site	Database(s)	EDR ID Number EPA ID Number

P.R. CONTAINER **RGA LUST** **S116438144**
CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS **N/A**
BAYAMON, PR

RGA LUST:

2010 P.R. CONTAINER CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

2003 P.R. CONTAINER CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

2002 P.R. CONTAINER CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

2001 P.R. CONTAINER CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

2000 P.R. CONTAINER CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

P.R.CONTAINER CO. **RGA LUST** **S116438148**
CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS **N/A**
BAYAMON, PR

RGA LUST:

2007 P.R.CONTAINER CO. CARR 2 KM 15.2 CORUJO IND. PARK/ HATO TEJAS

P.R.CONTAINER CO. **RGA LUST** **S116438149**
CARR 2 KM 15.2 CORUJO IND. PARK/HATO **N/A**
BAYAMON, PR

RGA LUST:

2008 P.R.CONTAINER CO. CARR 2 KM 15.2 CORUJO IND. PARK/HATO

PAJAROS GAS STATION **UST FINDER** **1028682928**
CARR 862 KM 1.3 BO PAJAROS **N/A**
BAYAMON, PR

PERIFERAL NORTE (PR-8855) **RGA LUST** **S116438191**
CARR 2 SANTA ROSA **N/A**
BAYAMON, PR

RGA LUST:

2008 PERIFERAL NORTE (PR-8855) CARR 2 SANTA ROSA

2007 PERIFERAL NORTE (PR-8855) CARR 2 SANTA ROSA

Site	Database(s)	EDR ID Number EPA ID Number
PRTC BAYAMON 89 0135 **CARR 167 MARGINAL ESQ CALLE ISLANDIA** **BAYAMON, PR**	**UST FINDER**	**1028683009** **N/A**

READY MIX (PLANTA 8) — **LUST** — **S101442840**
CARR 861 KM 3 — **N/A**
BAYAMON, PR

PR LUST:

Name:	READY MIX (PLANTA 8)
Address:	CARR 861 KM 3
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0777
Status:	INACTIVE
Released:	Yes
Released Date:	4-Jun-95
How Known:	Product in MW
Date Known:	16-Sep-96
Owner Name:	Shell Company (P.R.) Limited

READY MIX (PLANTA 8) — **RGA LUST** — **S116438342**
CARR 861 KM 3 — **N/A**
BAYAMON, PR

RGA LUST:

2010	READY MIX (PLANTA 8)	CARR 861 KM 3
2003	READY MIX (PLANTA 8)	CARR 861 KM 3
2002	READY MIX (PLANTA 8)	CARR 861 KM 3
2001	READY MIX (PLANTA 8)	CARR 861 KM 3
2000	READY MIX (PLANTA 8)	CARR 861 KM 3

READY MIX CONCRETE, INC. — **RGA LUST** — **S116438343**
CARR 861 KM 3 — **N/A**
BAYAMON, PR

RGA LUST:

2008	READY MIX CONCRETE, INC.	CARR 861 KM 3
2007	READY MIX CONCRETE, INC.	CARR 861 KM 3

REFINERIA — **LUST** — **S101442813**
CARR # 28 KM 2 URB. IND. LUCHETTI — **N/A**
BAYAMON, PR

PR LUST:

Name:	REFINERIA
Address:	CARR # 28 KM 2 URB. IND. LUCHETTI
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0450
Status:	ACTIVE
Released:	No
Released Date:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

REFINERIA (Continued) **S101442813**

How Known: UST Removal
Date Known: 17-May-99
Owner Name: Caribbean Gulf Refining

REXVILLE GAS STATION **UST FINDER** **1028682940**
CARR 167 KM 18.5 **N/A**
BAYAMON, PR

REXVILLE S/S **RGA LUST** **S116438355**
CARR 167 KM 18.5 **N/A**
BAYAMON, PR

RGA LUST:

2008	REXVILLE S/S	CARR 167 KM 18.5
2007	REXVILLE S/S	CARR 167 KM 18.5

ROYAL PETROLEUM **UST FINDER** **1028683046**
CARR 174 KM 2.0 **N/A**
BAYAMON, PR

RV ENTERPRISES **UST FINDER** **1028682939**
CARR 167 KM 18.7 **N/A**
BAYAMON, PR

SANTA PAULA OIL BAYAMON **RGA LUST** **S116438428**
CARR #2 KM 12 **N/A**
BAYAMON, PR

RGA LUST:

2007	SANTA PAULA OIL BAYAMON	CARR #2 KM 12

SANTA PAULA OIL BAYAMON **RGA LUST** **S116438429**
CARR #2 KM 12 **N/A**
BAYAMON, PR

RGA LUST:

2008	SANTA PAULA OIL BAYAMON	CARR #2 KM 12

SHELL **RGA LUST** **S116438746**
CARR 2 KM 8.9 **N/A**
BAYAMON, PR

RGA LUST:

2000	SHELL	CARR 2 KM 8.9

Site	Database(s)	EDR ID Number EPA ID Number

SHELL # 710
CARR 2 KM 8.9
BAYAMON, PR

LUST **S106452761**
N/A

PR LUST:

Name:	SHELL # 710
Address:	CARR 2 KM 8.9
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0895
Status:	INACTIVE
Released:	Yes
Released Date:	25-Mar-02
How Known:	UST Removal
Date Known:	18-Jan-02
Owner Name:	Shell Company (P.R.) Limited

SHELL # 710
CARR 2 KM 8.9
BAYAMON, PR

RGA LUST **S116438470**
N/A

RGA LUST:

2010	SHELL # 710	CARR 2 KM 8.9
2003	SHELL # 710	CARR 2 KM 8.9
2002	SHELL # 710	CARR 2 KM 8.9
2001	SHELL # 710	CARR 2 KM 8.9

SHELL #002518
CARR 861 ESQ AVE SANTA MARIA
BAYAMON, PR

UST FINDER **1028682950**
N/A

SHELL #1112
CARR 2 KM 13.9
BAYAMON, PR

RGA LUST **S116438478**
N/A

RGA LUST:

2010	SHELL #1112	CARR 2 KM 13.9
2003	SHELL #1112	CARR 2 KM 13.9
2002	SHELL #1112	CARR 2 KM 13.9
2001	SHELL #1112	CARR 2 KM 13.9

Site	Database(s)	EDR ID Number EPA ID Number

SHELL #4509
CARR 2 KM 9.6
BAYAMON, PR

RGA LUST **S116438497**
N/A

RGA LUST:

2010	SHELL #4509	CARR 2 KM 9.6
2003	SHELL #4509	CARR 2 KM 9.6
2002	SHELL #4509	CARR 2 KM 9.6
2001	SHELL #4509	CARR 2 KM 9.6

SHELL 2323
CARR 831 KM 2.5
BAYAMON, PR

LUST **S107517977**
N/A

PR LUST:

Name:	SHELL 2323
Address:	CARR 831 KM 2.5
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0882
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	28-Jun-05
Owner Name:	Shell Company (P.R.) Limited

SHELL 2323
CARR 831 KM 2.5
BAYAMON, PR

RGA LUST **S116438536**
N/A

RGA LUST:

2010	SHELL 2323	CARR 831 KM 2.5

SHELL 2410
CARR 167 KM 15.4
BAYAMON, PR

LUST **S103934106**
N/A

PR LUST:

Name:	SHELL 2410
Address:	CARR 167 KM 15.4
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0965
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Spill
Date Known:	16-Apr-99
Owner Name:	Shell Company (P.R.) Limited

Site	Database(s)	EDR ID Number EPA ID Number
SHELL 2410 **CARR 167 KM 15.4** **BAYAMON, PR**	**RGA LUST**	**S116438537** **N/A**

RGA LUST:

2010	SHELL 2410	CARR 167 KM 15.4
2003	SHELL 2410	CARR 167 KM 15.4
2002	SHELL 2410	CARR 167 KM 15.4
2001	SHELL 2410	CARR 167 KM 15.4
2000	SHELL 2410	CARR 167 KM 15.4

SHELL S/S # 804525 **CARR 2 KM. 12.0** **BAYAMON, PR**	**RGA LUST**	**S116438628** **N/A**

RGA LUST:

2008	SHELL S/S # 804525	CARR 2 KM. 12.0

SHELL S/S #000710 **CARR 2 KM 8.9** **BAYAMON, PR**	**RGA LUST**	**S116438643** **N/A**

RGA LUST:

2008	SHELL S/S #000710	CARR 2 KM 8.9
2007	SHELL S/S #000710	CARR 2 KM 8.9

SHELL S/S #002410 **CARR 167 KM 15.4** **BAYAMON, PR**	**RGA LUST**	**S116438659** **N/A**

RGA LUST:

2008	SHELL S/S #002410	CARR 167 KM 15.4
2007	SHELL S/S #002410	CARR 167 KM 15.4

SHELL S/S #002623 **CARR 831 KM 2.5** **BAYAMON, PR**	**RGA LUST**	**S116438667** **N/A**

RGA LUST:

2008	SHELL S/S #002623	CARR 831 KM 2.5
2007	SHELL S/S #002623	CARR 831 KM 2.5

Site	Database(s)	EDR ID Number EPA ID Number
SHELL S/S #003182 **CARR 168 CENTRO COMERCIAL RIVERVIEW** **BAYAMON, PR**	**RGA LUST**	**S116438677** **N/A**

RGA LUST:

2008	SHELL S/S #003182	CARR 168 CENTRO COMERCIAL RIVERVIEW
2007	SHELL S/S #003182	CARR 168 CENTRO COMERCIAL RIVERVIEW

SHELL SERVICE STATION **CARR 2 SHOPPING CENTER SANTA ROSA** **BAYAMON, PR**	**UST FINDER**	**1028683037** **N/A**
SHELL SERVICE STATION #002410 **CARR 167 KM 15.4 BO BUENA VISTA** **BAYAMON, PR**	**UST FINDER**	**1028682927** **N/A**
SHELL SS #003182 **CARR 168 CENTRO COMERCIAL RIVERVIEW** **BAYAMON, PR**	**UST FINDER**	**1028682969** **N/A**
SPEEDWAY **CARR 866 ESQ CALLE ROXY** **BAYAMON, PR**	**UST FINDER**	**1028682944** **N/A**
TEXACO **CARR 167 KM 9.4 BO DAJAOS** **BAYAMON, PR**	**UST FINDER**	**1028682911** **N/A**
TEXACO (VB INVESTMENT, INC) **CARR 167 #120 RIO HONDO MALL** **BAYAMON, PR**	**UST FINDER**	**1028682985** **N/A**
TEXACO 251 **CARR #2 KM 12** **BAYAMON, PR**	**RGA LUST**	**S116438867** **N/A**

RGA LUST:

2010	TEXACO 251	CARR #2 KM 12

TEXACO PAJAROS SS **CARR 165 BO PAJAROS** **BAYAMON, PR**	**UST FINDER**	**1028682931** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number
TEXACO S/S #251 **CARR #2 KM 12** **BAYAMON, PR**	**LUST**	**S106452769** **N/A**

PR LUST:

Name:	TEXACO S/S #251
Address:	CARR #2 KM 12
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1608
Status:	INACTIVE
Released:	Yes
Released Date:	2-Apr-04
How Known:	UST Removal
Date Known:	30-May-03
Owner Name:	Texaco Puerto Rico

TEXACO SS **CARR 174 KM 1.0** **BAYAMON, PR**	**UST FINDER**	**1028683047** **N/A**
TEXACO SS #273 **CARR 2 MARGINAL INT CALLE SANTA CRUZ** **BAYAMON, PR**	**UST FINDER**	**1028683045** **N/A**
TORAL STATION **CARR 167 KM 15.9 BO BUENA VISTA** **BAYAMON, PR**	**UST FINDER**	**1028682934** **N/A**
TORAL STATION **CARR 2 KM 12.1** **BAYAMON, PR**	**UST FINDER**	**1028682987** **N/A**
TOTAL **CARR 840 AVE LAS CUMBRES** **BAYAMON, PR**	**UST FINDER**	**1028682958** **N/A**
TOTAL PETROLEUM #15983 **CARR 167 MARGINAL ESQ CALLE 6A** **BAYAMON, PR**	**UST FINDER**	**1028682936** **N/A**
TOTAL PETROLEUM #304008 **CARR 167 SEEDMAN'S SHOPPING CENTER** **BAYAMON, PR**	**UST FINDER**	**1028683007** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number
TOTAL PETROLEUM #304140 **CARR 167 KM 7 CANTON MALL** **BAYAMON, PR**	**UST FINDER**	**1028683014** **N/A**
TOTAL SERVICE STATION **CARR 167 BO BUENA VISTA** **BAYAMON, PR**	**UST FINDER**	**1028682925** **N/A**
CARR. 174 KM. 2.1 **BAYAMON, PR**	**RGA LUST**	**S116436401** **N/A**

RGA LUST:

2006	CARR. 174 KM. 2.1
2005	CARR. 174 KM. 2.1

CARR. 174 SANTA ROSA **BAYAMON, PR**	**RGA LUST**	**S116436403** **N/A**

RGA LUST:

2006	CARR. 174 SANTA ROSA
2005	CARR. 174 SANTA ROSA

CARR. 177 KM. 8.3 MINILLAS **BAYAMON, PR**	**RGA LUST**	**S116436406** **N/A**

RGA LUST:

2006	CARR. 177 KM. 8.3 MINILLAS

CARR. 177 KM. 8.3 MINILLAS **BAYAMON, PR**	**RGA LUST**	**S116436407** **N/A**

RGA LUST:

2005	CARR. 177 KM. 8.3 MINILLAS

CARR. 2 KM. 12.0 **BAYAMON, PR**	**RGA LUST**	**S116436433** **N/A**

RGA LUST:

2006	CARR. 2 KM. 12.0
2005	CARR. 2 KM. 12.0

Site	Database(s)	EDR ID Number EPA ID Number

CARR. 2 KM. 15.0
BAYAMON, PR

RGA LUST **S116436437**
N/A

RGA LUST:

2006	CARR. 2 KM. 15.0
2005	CARR. 2 KM. 15.0

CARR. 2 KM. 15.4
BAYAMON, PR

RGA LUST **S116436438**
N/A

RGA LUST:

2006	CARR. 2 KM. 15.4
2005	CARR. 2 KM. 15.4

CARR. 28 KM. 2
BAYAMON, PR

RGA LUST **S116436464**
N/A

RGA LUST:

2006	CARR. 28 KM. 2
2005	CARR. 28 KM. 2

ANTIGUA PLANTA LA FAMOSA
CARR. #2, BO. HATO TEJAS
BAYAMON, PR

LUST **S106917838**
N/A

PR LUST:

Name:	ANTIGUA PLANTA LA FAMOSA
Address:	CARR. #2, BO. HATO TEJAS
City,State,Zip:	BAYAMON, PR
Facility ID:	94-0126
Status:	INACTIVE
Released:	Yes
Released Date:	23-May-03
How Known:	UST Removal
Date Known:	21-Nov-00
Owner Name:	Auction & Salvage, Inc.

BEST S/S
CARR. #167, KM. 11.0, BO. DAJAOS
BAYAMON, PR

LUST **S106917813**
N/A

PR LUST:

Name:	BEST S/S
Address:	CARR. #167, KM. 11.0, BO. DAJAOS
City,State,Zip:	BAYAMON, PR
Facility ID:	91-0349
Status:	ACTIVE
Released:	No
Released Date:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

BEST S/S (Continued) **S106917813**

How Known:	UST Removal
Date Known:	30-May-97
Owner Name:	Antonio de Jesus/GEL

CHEVRON WAREHOUSE **LUST** **S106917622**
CARR. 28 KM. 2.1 **N/A**
BAYAMON, PR

PR LUST:

Name:	CHEVRON WAREHOUSE
Address:	CARR. 28 KM. 2.1
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0142
Status:	INACTIVE
Released:	Yes
Released Date:	13-Feb-95
How Known:	Unknown
Date Known:	16-Sep-96
Owner Name:	Chevron

COLEGIO UNIVERSITARIO TECNOLOGICO **LUST** **S103554048**
CARR. 174, KM. 2.8, SECTOR INDUSTRIAL MINILLAS **N/A**
BAYAMON, PR

PR LUST:

Name:	COLEGIO UNIVERSITARIO TECNOLOGICO
Address:	CARR. 174, KM. 2.8, SECTOR INDUSTRIAL MINILLAS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-1990
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	Unknown
Owner Name:	Technical University College

DEP. DE TRANSPORTACION **LUST** **S106917792**
CARR. 174, CALLE 5, BO. JUAN SANCHEZ **N/A**
BAYAMON, PR

PR LUST:

Name:	DEP. DE TRANSPORTACION
Address:	CARR. 174, CALLE 5, BO. JUAN SANCHEZ
City,State,Zip:	BAYAMON, PR
Facility ID:	89-0152
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	Unknown
Owner Name:	Dept. Obras P blicas Municipo de Bayamon

Site	Database(s)	EDR ID Number EPA ID Number

GEL S/S
CARR. 28 KM. 2
BAYAMON, PR

RGA LUST **S116437308**
N/A

RGA LUST:

2008	GEL S/S	CARR. 28 KM. 2
2007	GEL S/S	CARR. 28 KM. 2

GULF #034
CARR. 174 SANTA ROSA
BAYAMON, PR

LUST **S104904780**
N/A

PR LUST:

Name:	GULF #034
Address:	CARR. 174 SANTA ROSA
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0263
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Product in Well
Date Known:	12-Aug-99
Owner Name:	Caribbean Petroleum Corp.

GULF #034
CARR. 174 SANTA ROSA
BAYAMON, PR

RGA LUST **S116437446**
N/A

RGA LUST:

2010	GULF #034	CARR. 174 SANTA ROSA
2003	GULF #034	CARR. 174 SANTA ROSA
2002	GULF #034	CARR. 174 SANTA ROSA
2001	GULF #034	CARR. 174 SANTA ROSA

GULF #084
CARR. 2 KM. 15.0
BAYAMON, PR

LUST **S101442781**
N/A

PR LUST:

Name:	GULF #084
Address:	CARR. 2 KM. 15.0
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0293
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	18-Apr-00
Owner Name:	Caribbean Petroleum Corp.

Site	Database(s)	EDR ID Number EPA ID Number

GULF #084
CARR. 2 KM. 15.0
BAYAMON, PR

RGA LUST **S116437466**
N/A

RGA LUST:

2010	GULF #084	CARR. 2 KM. 15.0
2003	GULF #084	CARR. 2 KM. 15.0
2002	GULF #084	CARR. 2 KM. 15.0
2001	GULF #084	CARR. 2 KM. 15.0

GULF #153
CARR. 2 KM. 15.4
BAYAMON, PR

LUST **S104904761**
N/A

PR LUST:

Name:	GULF #153
Address:	CARR. 2 KM. 15.4
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0173
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Spill
Date Known:	3-Feb-98
Owner Name:	Caribbean Petroleum Corp.

GULF #153
CARR. 2 KM. 15.4
BAYAMON, PR

RGA LUST **S116437509**
N/A

RGA LUST:

2010	GULF #153	CARR. 2 KM. 15.4
2003	GULF #153	CARR. 2 KM. 15.4
2002	GULF #153	CARR. 2 KM. 15.4
2001	GULF #153	CARR. 2 KM. 15.4

GULF S/S #0153
CARR. 2 KM. 15.4
BAYAMON, PR

RGA LUST **S116437613**
N/A

RGA LUST:

2008	GULF S/S #0153	CARR. 2 KM. 15.4
2007	GULF S/S #0153	CARR. 2 KM. 15.4

Site	Database(s)	EDR ID Number EPA ID Number
GULF S/S #054 **CARR. 2 KM 9.5** **BAYAMON, PR**	**RGA LUST**	**S116437642** **N/A**

RGA LUST:

2008	GULF S/S #054	CARR. 2 KM 9.5

GULF S/S #084 **CARR. 2 KM. 15.0** **BAYAMON, PR**	**RGA LUST**	**S116437649** **N/A**

RGA LUST:

2007	GULF S/S #084	CARR. 2 KM. 15.0

GULF S/S# 034 **CARR. 174 SANTA ROSA** **BAYAMON, PR**	**RGA LUST**	**S116437734** **N/A**

RGA LUST:

2008	GULF S/S# 034	CARR. 174 SANTA ROSA
2007	GULF S/S# 034	CARR. 174 SANTA ROSA

MU OZ METRO OFFICE, SE **CARR. 177 KM. 8.3 MINILLAS** **BAYAMON, PR**	**RGA LUST**	**S116438053** **N/A**

RGA LUST:

2007	MU OZ METRO OFFICE, SE	CARR. 177 KM. 8.3 MINILLAS

MU OZ METRO OFFICE, SE **CARR. 177 KM. 8.3 MINILLAS** **BAYAMON, PR**	**RGA LUST**	**S116438054** **N/A**

RGA LUST:

2008	MU OZ METRO OFFICE, SE	CARR. 177 KM. 8.3 MINILLAS

NIMAY GAS STATION **CARR. 2 KM 9.6** **BAYAMON, PR**	**RGA LUST**	**S116438098** **N/A**

RGA LUST:

2008	NIMAY GAS STATION	CARR. 2 KM 9.6

Site	Database(s)	EDR ID Number EPA ID Number

OLD LA FAMOSA PLANT
CARR. #2 HATO TEJAS
BAYAMON, PR

RGA LUST **S116438130**
N/A

RGA LUST:

2008	OLD LA FAMOSA PLANT	CARR. #2 HATO TEJAS

ORANGE CRUSH
CARR. 174 KM. 2.1
BAYAMON, PR

LUST **S104904890**
N/A

PR LUST:

Name:	ORANGE CRUSH
Address:	CARR. 174 KM. 2.1
City,State,Zip:	BAYAMON, PR
Facility ID:	88-0017
Status:	INACTIVE
Released:	Yes
Released Date:	6-Sep-00
How Known:	Unknown
Date Known:	22-Feb-96
Owner Name:	Orange Crush de P.R.

ORANGE CRUSH
CARR. 174 KM. 2.1
BAYAMON, PR

RGA LUST **S116438138**
N/A

RGA LUST:

2010	ORANGE CRUSH	CARR. 174 KM. 2.1
2003	ORANGE CRUSH	CARR. 174 KM. 2.1
2002	ORANGE CRUSH	CARR. 174 KM. 2.1
2001	ORANGE CRUSH	CARR. 174 KM. 2.1

ORANGE CRUSH OF P.R.
CARR. 174 KM. 2.1
BAYAMON, PR

RGA LUST **S116438136**
N/A

RGA LUST:

2007	ORANGE CRUSH OF P.R.	CARR. 174 KM. 2.1

SEVEN UP
CARR. 177 KM. 8.3 MINILLAS
BAYAMON, PR

LUST **S104904834**
N/A

PR LUST:

Name:	SEVEN UP
Address:	CARR. 177 KM. 8.3 MINILLAS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0718
Status:	INACTIVE
Released:	Yes
Released Date:	19-May-95

Site	Database(s)	EDR ID Number EPA ID Number

SEVEN UP (Continued) **S104904834**

How Known: Unknown
Date Known: 1-Nov-02
Owner Name: Seven-up

SEVEN UP **RGA LUST** **S116438454**
CARR. 177 KM. 8.3 MINILLAS **N/A**
BAYAMON, PR

RGA LUST:

2003	SEVEN UP	CARR. 177 KM. 8.3 MINILLAS
2002	SEVEN UP	CARR. 177 KM. 8.3 MINILLAS
2001	SEVEN UP	CARR. 177 KM. 8.3 MINILLAS

SEVEN UP **RGA LUST** **S116438455**
CARR. 177 KM. 8.3 MINILLAS **N/A**
BAYAMON, PR

RGA LUST:

2010	SEVEN UP	CARR. 177 KM. 8.3 MINILLAS

SHELL #1112 **LUST** **S103553906**
CARR. 2 KM. 13.9/ HATO TEJAS **N/A**
BAYAMON, PR

PR LUST:
Name: SHELL #1112
Address: CARR. 2 KM. 13.9/ HATO TEJAS
City,State,Zip: BAYAMON, PR
Facility ID: 86-1005
Status: INACTIVE
Released: Yes
Released Date: 15-Jul-03
How Known: UST Removal
Date Known: Unknown
Owner Name: Shell Company (P.R.) Limited

SHELL #804517 **LUST** **S106917654**
CARR. 167 KM. 9.6 **N/A**
BAYAMON, PR

PR LUST:
Name: SHELL #804517
Address: CARR. 167 KM. 9.6
City,State,Zip: BAYAMON, PR
Facility ID: 86-0648
Status: INACTIVE
Released: Yes
Released Date: 15-Apr-05
How Known: UST Removal
Date Known: 11-May-00
Owner Name: Shell Company (P.R.) Limited

Site	Database(s)	EDR ID Number EPA ID Number

SHELL #804525
CARR. 2 KM. 12.0
BAYAMON, PR

LUST **S104904822**
N/A

PR LUST:

Name:	SHELL #804525
Address:	CARR. 2 KM. 12.0
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0617
Status:	INACTIVE
Released:	Yes
Released Date:	24-Apr-95
How Known:	UST Removal
Date Known:	21-Nov-95
Owner Name:	Shell Company (P.R.) Limited

SHELL #804525
CARR. 2 KM. 12.0
BAYAMON, PR

RGA LUST **S116438507**
N/A

RGA LUST:

2010	SHELL #804525	CARR. 2 KM. 12.0
2003	SHELL #804525	CARR. 2 KM. 12.0
2002	SHELL #804525	CARR. 2 KM. 12.0
2001	SHELL #804525	CARR. 2 KM. 12.0

SHELL 804428
CARR. 28 KM. 2
BAYAMON, PR

LUST **S104904826**
N/A

PR LUST:

Name:	SHELL 804428
Address:	CARR. 28 KM. 2
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0647
Status:	INACTIVE
Released:	Yes
Released Date:	3-May-95
How Known:	UST Removal
Date Known:	8-Nov-99
Owner Name:	Shell Company (P.R.) Limited

SHELL 804428
CARR. 28 KM. 2
BAYAMON, PR

RGA LUST **S116438576**
N/A

RGA LUST:

2010	SHELL 804428	CARR. 28 KM. 2
2003	SHELL 804428	CARR. 28 KM. 2
2002	SHELL 804428	CARR. 28 KM. 2
2001	SHELL 804428	CARR. 28 KM. 2

Site	Database(s)	EDR ID Number EPA ID Number
SHELL S/ S #804517 **CARR. 167 KM. 9.6** **BAYAMON, PR**	**RGA LUST**	**S116438606** **N/A**

RGA LUST:

2008	SHELL S/ S #804517	CARR. 167 KM. 9.6

SHELL S/S # 804525 **CARR. 2 KM. 12.0** **BAYAMON, PR**	**RGA LUST**	**S116438629** **N/A**

RGA LUST:

2007	SHELL S/S # 804525	CARR. 2 KM. 12.0

SHELL S/S #3182 **CARR. 168 CENTRO COMERCIAL RIVERVIEW** **BAYAMON, PR**	**LUST**	**S103553904** **N/A**

PR LUST:

Name:	SHELL S/S #3182
Address:	CARR. 168 CENTRO COMERCIAL RIVERVIEW
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0999
Status:	INACTIVE
Released:	Yes
Released Date:	Unknown
How Known:	UST Removal
Date Known:	26-Apr-99
Owner Name:	Shell Company (P.R.) Limited

THE SHELL COMPANY **CARR. #167 KM. 9.6** **BAYAMON, PR**	**RGA LUST**	**S116438924** **N/A**

RGA LUST:

2000	THE SHELL COMPANY	CARR. #167 KM. 9.6

ORANGE CRUSH OF P.R. **CARR.174 KM.2.1** **BAYAMON, PR**	**RGA LUST**	**S116438137** **N/A**

RGA LUST:

2008	ORANGE CRUSH OF P.R.	CARR.174 KM.2.1

Site	Database(s)	EDR ID Number EPA ID Number

GULF #054 **LUST** **S106917636**
CARR.2 KM 9.5 **N/A**
BAYAMON, PR

PR LUST:

Name:	GULF #054
Address:	CARR.2 KM 9.5
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0275
Status:	INACTIVE
Released:	Yes
Released Date:	15-Mar-95
How Known:	UST Removal
Date Known:	22-Apr-97
Owner Name:	Caribbean Petroleum Corp

CHEVRON WAREHOUSE - 54165701 **RGA LUST** **S116436612**
CARR.28 KM.2.1 **N/A**
BAYAMON, PR

RGA LUST:

2008	CHEVRON WAREHOUSE - 54165701	CARR.28 KM.2.1

SHELL SERVICE STATION #204284 **LUST** **S123161980**
CARRETERA #2 CENTRO COMERCIAL SANTA ROSA **N/A**
BAYAMON, PR

PR LUST:

Name:	SHELL SERVICE STATION #204284
Address:	CARRETERA #2 CENTRO COMERCIAL SANTA ROSA
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0619
Status:	INACTIVE
Released:	Not reported
Released Date:	29-Jan-18
How Known:	UST Removal
Date Known:	16-May-13
Owner Name:	Shell Company (P.R.) Limited

RGA LUST **S116436570**
CASTIGLIONI AVE. & 21 ST. **N/A**
BAYAMON, PR

RGA LUST:

1995	CASTIGLIONI AVE. & 21 ST.

Site	Database(s)	EDR ID Number EPA ID Number

CENTRAL PALO SECO — **ERNS** — **96346744**
BAYAMON, PR — **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

COMERIO ST CORNER OF — **ERNS** — **92122870**
BAYAMON, PR — **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

COMERIO & AVE HNOS.DAVILA URB S. FERNANDO — **RGA LUST** — **S116436645**
BAYAMON, PR — **N/A**

RGA LUST:

2006	COMERIO & AVE HNOS.DAVILA URB S. FERNANDO
2005	COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

COMERIO ST. CORNER C121 URB FOREST HILLS — **RGA LUST** — **S116436646**
BAYAMON, PR — **N/A**

RGA LUST:

2006	COMERIO ST. CORNER C121 URB FOREST HILLS
2005	COMERIO ST. CORNER C121 URB FOREST HILLS

GPR-3111 — **LUST** — **S106452776**
COMERIO ST. CORNER C121 URB FOREST HILLS — **N/A**
BAYAMON, PR

PR LUST:

Name:	GPR-3111
Address:	COMERIO ST. CORNER C121 URB FOREST HILLS
City,State,Zip:	BAYAMON, PR
Facility ID:	91-0074
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Free Product
Date Known:	9-Mar-04
Owner Name:	GPR

Site	Database(s)	EDR ID Number EPA ID Number

GPR-3111 **RGA LUST** **S116437359**
COMERIO ST. CORNER C121 URB FOREST HILLS **N/A**
BAYAMON, PR

RGA LUST:

2010 GPR-3111 COMERIO ST. CORNER C121 URB FOREST HILLS

RAFAEL MURATI **RGA LUST** **S116438296**
COMERIO & AVE HNOS.DAVILA URB S. FERNANDO **N/A**
BAYAMON, PR

RGA LUST:

2010 RAFAEL MURATI COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

2003 RAFAEL MURATI COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

2002 RAFAEL MURATI COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

2001 RAFAEL MURATI COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

2000 RAFAEL MURATI COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

RAFAEL NURATI **RGA LUST** **S116438298**
COMERIO & AVE. HNDS. DAVILA, URB. S. FERNANDO **N/A**
BAYAMON, PR

RGA LUST:

1995 RAFAEL NURATI COMERIO & AVE. HNDS. DAVILA, URB. S. FERNANDO

SHELL S/S # 002577 **RGA LUST** **S116438617**
COMERIO & AVE HNOS. DAVILA URB S. FER **N/A**
BAYAMON, PR

RGA LUST:

2008 SHELL S/S # 002577 COMERIO & AVE HNOS. DAVILA URB S. FER

SHELL S/S # 002577 **RGA LUST** **S116438618**
COMERIO & AVE HNOS.DAVILA URB S. FERNANDO **N/A**
BAYAMON, PR

RGA LUST:

2007 SHELL S/S # 002577 COMERIO & AVE HNOS.DAVILA URB S. FERNANDO

Site	Database(s)	EDR ID Number EPA ID Number

TOTAL PETROLEUM #3111 **RGA LUST** **S116438965**
COMERIO ST. CORNER C121 URB FOREST HILLS **N/A**
BAYAMON, PR

RGA LUST:

2007 TOTAL PETROLEUM #3111 COMERIO ST. CORNER C121 URB FOREST HILLS

TOTAL PETROLEUM #3111 **RGA LUST** **S116438966**
COMERIO ST. CORNER C121 URB **N/A**
BAYAMON, PR

RGA LUST:

2008 TOTAL PETROLEUM #3111 COMERIO ST. CORNER C121 URB

PR-5(RIO HONDO) AT RIO HONDO **FINDS** **1007489157**
CONNECTOR,FROM INT. WITH PR174 **ECHO** **N/A**
BAYAMON, PR

FINDS:

Registry ID: 110017694299

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The FINDS: database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ECHO:

Envid:	1007489157
Registry ID:	110017694299
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017694299
Name:	PR-5(RIO HONDO) AT RIO HONDO
Address:	CONNECTOR,FROM INT. WITH PR174
City,State,Zip:	BAYAMON, PR 00000

ERNS **2017193805**
CORUJO INDUSTRIAL PARK **N/A**
BAYAMON, PR

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
GUILLERMINA ST **BAYAMON, PR**	**ERNS**	**2010962077** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

HATO TEJAS **BAYAMON, PR**	**RGA LUST**	**S116437772** **N/A**

RGA LUST:

2006	HATO TEJAS
2005	HATO TEJAS

KANE CARIBBEAN **HATO TEJAS** **BAYAMON, PR**	**LUST**	**S101442736** **N/A**

PR LUST:

Name:	KANE CARIBBEAN
Address:	HATO TEJAS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0138
Status:	INACTIVE
Released:	Yes
Released Date:	1-Apr-92
How Known:	Unknown
Date Known:	26-Dec-01
Owner Name:	Gulf

KANE CARIBBEAN **HATO TEJAS** **BAYAMON, PR**	**RGA LUST**	**S116437930** **N/A**

RGA LUST:

2010	KANE CARIBBEAN	HATO TEJAS
2003	KANE CARIBBEAN	HATO TEJAS
2002	KANE CARIBBEAN	HATO TEJAS
2001	KANE CARIBBEAN	HATO TEJAS
2000	KANE CARIBBEAN	HATO TEJAS
1995	KANE CARIBBEAN	HATO TEJAS

Site	Database(s)	EDR ID Number EPA ID Number
KANE CARIBBEAN 54203600 **HATO TEJAS** **BAYAMON, PR**	**RGA LUST**	**S116437929** **N/A**

RGA LUST:

2008	KANE CARIBBEAN 54203600	HATO TEJAS
2007	KANE CARIBBEAN 54203600	HATO TEJAS

INDUSTRIAL ZONE MINILLAS **BAYAMON, PR**	**ERNS**	**2005763809** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

INDUSTRIAL LUCHETTI B-30 **BAYAMON, PR**	**ERNS**	**9199804** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

AEE TALLER MECANICA **INDUSTRIAL MINILLAS CARR 174 INT AVE LAUREL** **BAYAMON, PR**	**UST FINDER**	**1028683036** **N/A**
CADILLAC UNIFORMS **INDUSTRIAL MINILLAS AVE LAUREL #221** **BAYAMON, PR**	**UST FINDER**	**1028683050** **N/A**
CAPECO **INDUSTRIAL LUCHETTI** **BAYAMON, PR**	**UST FINDER**	**1028683061** **N/A**
GOYA DE PR **INDUSTRIAL LUCHETTI AVE FRANCISCO J DE GOYA ESQ CARR 5** **BAYAMON, PR**	**UST FINDER**	**1028683040** **N/A**
R&B POWER INC **INDUSTRIAL LUCHETTI #345 CALLE A** **BAYAMON, PR**	**UST FINDER**	**1028683053** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number
SOLARES Y COMPA IA **INDUSTRIAL LUCHETTI CARR 28 KM 2.1** **BAYAMON, PR**	**UST FINDER**	**1028683057** **N/A**
STRUCTURAL STEEL WORKS INC **INDUSTRIAL LUCHETTI LOTE 21 CALLE B** **BAYAMON, PR**	**UST FINDER**	**1028683054** **N/A**
INDUTRAIL PARK MINILLAS **BAYAMON, PR**	**ERNS**	**2013055667** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

INTERNATIONAL EQUIP LOGISTICS **BAYAMON, PR**	**ERNS**	**2016138218** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

GULF #091 **PR-174 KM. 2.2 BO. MINILLAS** **BAYAMON, PR**	**LUST**	**S106917638** **N/A**

PR LUST:

Name:	GULF #091
Address:	PR-174 KM. 2.2 BO. MINILLAS
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0297
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	9-May-00
Owner Name:	Caribbean Petroleum Corp.

GULF S/S 091 **PR-174 KM. 2.2 BO. MINILLAS** **BAYAMON, PR**	**RGA LUST**	**S116437726** **N/A**

RGA LUST:

2008	GULF S/S 091	PR-174 KM. 2.2 BO. MINILLAS

Site	Database(s)	EDR ID Number EPA ID Number
LAUREL AVE. **BAYAMON, PR**	**ERNS**	**95316985** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

LUCHETTI INDUSTRIAL PARK **BAYAMON, PR**	**ERNS**	**2025427642** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

METALGURGIA **BAYAMON, PR**	**ERNS**	**2019247061** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

MINILLA INDUSTRIAL PARK **BAYAMON, PR**	**ERNS**	**8713967** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

MINILLAS INDUSTRIAL PARK **BAYAMON, PR**	**ERNS**	**2000540355** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

177 MINILLAS **BAYAMON, PR**	**ERNS**	**89104109** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

MINILLAS INDUSTRIAL PARK **BAYAMON, PR**	**RGA LUST**	**S116438041** **N/A**

RGA LUST:

2006	MINILLAS INDUSTRIAL PARK
2005	MINILLAS INDUSTRIAL PARK

Site	Database(s)	EDR ID Number EPA ID Number

COATINGS, INC.
MINILLAS INDUSTRIAL PARK
BAYAMON, PR

LUST **S101442842**
N/A

PR LUST:

Name:	COATINGS, INC.
Address:	MINILLAS INDUSTRIAL PARK
City,State,Zip:	BAYAMON, PR
Facility ID:	86-0813
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	Loss/Inventory Cont
Date Known:	13-Jul-00
Owner Name:	Shell Company (P.R.) Limited

COATINGS, INC.
MINILLAS INDUSTRIAL PARK
BAYAMON, PR

RGA LUST **S116436631**
N/A

RGA LUST:

2010	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2008	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2007	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2003	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2002	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2001	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
2000	COATINGS, INC.	MINILLAS INDUSTRIAL PARK
1995	COATINGS, INC.	MINILLAS INDUSTRIAL PARK

NEAR THE NUCLEAR REACTOR
BAYAMON, PR

ERNS **2015117811**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PARQUE INDUSTRIAL MINILLAS
BAYAMON, PR

ERNS **2005771247**
N/A

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
PARQUE INDUSTRIAL MINILLAS **BAYAMON, PR**	**ERNS**	**2020286833** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

PARQUE INDUSTRIAL LUCHETTI **BAYAMON, PR**	**RGA LUST**	**S116438174** **N/A**

RGA LUST:

2006	PARQUE INDUSTRIAL LUCHETTI
2005	PARQUE INDUSTRIAL LUCHETTI

DANOSA CARIBBEAN,INC **PARQUE INDUSTRIAL LUCHETTI** **BAYAMON, PR**	**RGA LUST**	**S116436701** **N/A**

RGA LUST:

2008	DANOSA CARIBBEAN,INC	PARQUE INDUSTRIAL LUCHETTI
2007	DANOSA CARIBBEAN,INC	PARQUE INDUSTRIAL LUCHETTI

DANOSSA CARIBBEAN **PARQUE INDUSTRIAL LUCHETTI** **BAYAMON, PR**	**LUST**	**S105421747** **N/A**

PR LUST:

Name:	DANOSSA CARIBBEAN
Address:	PARQUE INDUSTRIAL LUCHETTI
City,State,Zip:	BAYAMON, PR
Facility ID:	88-0010
Status:	ACTIVE
Released:	No
Released Date:	Not reported
How Known:	UST Removal
Date Known:	17-Mar-93
Owner Name:	DanossaCaribbean

DANOSSA CARIBBEAN **PARQUE INDUSTRIAL LUCHETTI** **BAYAMON, PR**	**RGA LUST**	**S116436702** **N/A**

RGA LUST:

2010	DANOSSA CARIBBEAN	PARQUE INDUSTRIAL LUCHETTI
2003	DANOSSA CARIBBEAN	PARQUE INDUSTRIAL LUCHETTI
2002	DANOSSA CARIBBEAN	PARQUE INDUSTRIAL LUCHETTI

Site	Database(s)	EDR ID Number EPA ID Number
ST RD #2, KM 15.0 **BAYAMON, PR**	**RGA LUST**	**S116438794** **N/A**

RGA LUST:

1995 ST RD #2, KM 15.0

FELIX MIRANDA S/S **ST RD #167, KM 18.5** **BAYAMON, PR**	**RGA LUST**	**S116437205** **N/A**

RGA LUST:

1995 FELIX MIRANDA S/S ST RD #167, KM 18.5

ISNAEL ORTIZ S/S **ST RD #2 & STREET #1, COOP. SHOPPING CENTER** **BAYAMON, PR**	**RGA LUST**	**S116437867** **N/A**

RGA LUST:

1995 ISNAEL ORTIZ S/S ST RD #2 & STREET #1, COOP. SHOPPING CENTER

READY MIX (PLANTA #8) **ST RD #861, KM 3.0** **BAYAMON, PR**	**RGA LUST**	**S116438341** **N/A**

RGA LUST:

1995 READY MIX (PLANTA #8) ST RD #861, KM 3.0

ROAD 174 #170 **BAYAMON, PR**	**ERNS**	**2003650109** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD # 2 **BAYAMON, PR**	**ERNS**	**2005756536** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

ROAD #2 AT LIGHT **BAYAMON, PR**	**ERNS**	**2012018564** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

Site	Database(s)	EDR ID Number EPA ID Number
ROAD PR 174 **BAYAMON, PR**	**ERNS**	**2014099009** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

170 ROAD 174 **BAYAMON, PR**	**ERNS**	**2015118765** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ON ROAD 28 **BAYAMON, PR**	**ERNS**	**2018222413** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ROAD NO 28, KILOMETER 2.1 INDUSTRIAL LUCHETTI PARK 00619 **BAYAMON, PR**	**ERNS**	**8866704** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

ROAD 174, 2.3 KM FROM **BAYAMON, PR**	**ERNS**	**97414227** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

SANTA OLAYA **ROAD #829 KM. 5.6 SANTA OLAYA WARD** **BAYAMON, PR**	**SEMS**	**1008879622** **PRN000205844**

SEMS:

Site ID:	0205844
EPA ID:	PRN000205844
Name:	SANTA OLAYA
Address:	ROAD #829 KM. 5.6 SANTA OLAYA WARD
Address 2:	Not reported
City,State,Zip:	BAYAMON, PR
Cong District:	Not reported
FIPS Code:	72021
Latitude:	+18.31983
Longitude:	-066.1643
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	02
Site ID:	0205844

Site	Database(s)	EDR ID Number EPA ID Number

SANTA OLAYA (Continued) **1008879622**

EPA ID:	PRN000205844
Site Name:	SANTA OLAYA
NPL:	N
FF:	N
OU:	00
Action Code:	PJ
Action Name:	RP EM REM
SEQ:	1
Start Date:	2005-06-01 04:00:00
Finish Date:	2005-06-06 04:00:00
Qual:	S
Current Action Lead:	EPA Ovrsght

SIERRA **ERNS** **2020291364**
BAYAMON, PR **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

STATE RD 167 **ERNS** **2006819832**
BAYAMON, PR **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

STATE RD 167 **ERNS** **2021301041**
BAYAMON, PR **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

---

BAYAMON FORMER SANITARY LANDFILL **ODI** **1007445493**
STATE ROAD PR - 167 KM 12 HM 8 BUENA VISTA WARD **N/A**
BAYAMON, PR

ODI:

Non Compliance Category:	03
Latitude:	18 19 34
Longitude:	066 11 54

Site	Database(s)	EDR ID Number EPA ID Number
STREET 28 **BAYAMON, PR**	**ERNS**	**2019257503** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
COBRA SERVICE STATION **URB HERMANOS DAVILA AVE BETANCES ESQ CALLE 13 #165** **BAYAMON, PR**	**UST FINDER**	**1028682972** **N/A**
ESTACION GULF #001 **URB FOREST HILLS 33 CALLE C ESQ PAZ** **BAYAMON, PR**	**UST FINDER**	**1028682992** **N/A**
GULF **URB SIERRA BAYAMON AVE WEST MAIN INT MAIN NORTE** **BAYAMON, PR**	**UST FINDER**	**1028682968** **N/A**
GULF #034 **URB SANTA ROSA CARR 174 INT CALLE BOUNDARY** **BAYAMON, PR**	**UST FINDER**	**1028683038** **N/A**
GULF #113 **URB HERMANOS DAVILA AVE BETANCES ESQ CALLE J** **BAYAMON, PR**	**UST FINDER**	**1028682979** **N/A**
JENIN GAS STATION **URB BAYAMON GARDENS CALLE CASTELLANO ESQ CALLE 21** **BAYAMON, PR**	**UST FINDER**	**1028682942** **N/A**
LAUREL SERVICE STATION **URB LOMAS VERDES AVE LAUREL** **BAYAMON, PR**	**UST FINDER**	**1028683033** **N/A**
MEGA GAS STATION **URB VISTA ALEGRE AVE LOS MILLONES INT AVE COMERIO** **BAYAMON, PR**	**UST FINDER**	**1028682965** **N/A**
MINILLAS GAS STATION **URB SANTA JUANITA CARR 831 KM 4.4** **BAYAMON, PR**	**UST FINDER**	**1028683012** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number
SHELL **URB SANTA JUANITA AVE LAUREL INT ESPA A** **BAYAMON, PR**	**UST FINDER**	**1028683006** **N/A**
SHELL #003794 **URB BRISAS DE BAYAMON AVE COMERIO ESQ CALLE 31** **BAYAMON, PR**	**UST FINDER**	**1028682997** **N/A**
SHELL (JJC STORE CORP) **URB FOREST HILLS 21 CARR 167 MARGINAL ESQ CALLE 15** **BAYAMON, PR**	**UST FINDER**	**1028682986** **N/A**
SHELL BOLIVAR **URB VALENCIA GARDENS AVE ORQUIDEA INT CALLE LIRIO** **BAYAMON, PR**	**UST FINDER**	**1028682935** **N/A**
SHELL SERVICE STATION **URB MIRAFLORES AVE LOS DOMINICOS ESQ CALLE 25** **BAYAMON, PR**	**UST FINDER**	**1028682924** **N/A**
SHELL SERVICE STATION #003026 **URB COUNTRY ESTATES CARR 167 KM 20.7** **BAYAMON, PR**	**UST FINDER**	**1028682962** **N/A**
SHELL SERVICE STATION #804444 **URB ROYAL PARK A1 AVE LOMAS VERDES I** **BAYAMON, PR**	**UST FINDER**	**1028683042** **N/A**
TEXACO **URB SIERRA BAYAMON AVE WEST MAIN INT AVE COMERIO** **BAYAMON, PR**	**UST FINDER**	**1028683000** **N/A**
TEXACO **URB LOMAS VERDES 2DA SECCION CARR 831** **BAYAMON, PR**	**UST FINDER**	**1028683024** **N/A**
TEXACO SS **URB SANTA JUANITA AVE IRLANDA HEIGHTS** **BAYAMON, PR**	**UST FINDER**	**1028683018** **N/A**
TEXACO SS #369 **URB SANTA JUANITA AVE SANTA JUANITA INT INDIA** **BAYAMON, PR**	**UST FINDER**	**1028682996** **N/A**

Site	Database(s)	EDR ID Number EPA ID Number
TOTAL #115073 **URB LA MILAGROSA CALLE EUGENIO DUARTE** **BAYAMON, PR**	**UST FINDER**	**1028682957** **N/A**
TOTAL #3132 **URB BAYAMON GARDENS S1 AVE CASTIGLIONI** **BAYAMON, PR**	**UST FINDER**	**1028682953** **N/A**
TOTAL PETROLEUM #115648 **URB SANTA JUANITA AVE MINILLAS INT HOSTOS** **BAYAMON, PR**	**UST FINDER**	**1028683011** **N/A**
TOTAL PETROLEUM #115716 **URB ALTURAS DE FLAMBOYAN 75 AVE TENIENTE MARTINEZ** **BAYAMON, PR**	**UST FINDER**	**1028683022** **N/A**
TOTAL PETROLEUM #115734 **URB HERMANOS DAVILA AVE BETANCES** **BAYAMON, PR**	**UST FINDER**	**1028682974** **N/A**
TOTAL PETROLEUM #3111 **URB FORET HILLS AVE COMERIO INT CALLE 26** **BAYAMON, PR**	**UST FINDER**	**1028682973** **N/A**
VIP PETROLEUM **URB HERMANOS DAVILA AVE COMERIO ESQ HERMANOS DAVILA** **BAYAMON, PR**	**UST FINDER**	**1028682961** **N/A**
URB. SAN FERNANDO **BAYAMON, PR**	**ERNS**	**2014083313** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

URB. QUINTAS DEL RIO **BAYAMON, PR**	**ERNS**	**2017179395** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

URB. IND. LUCHETTI **BAYAMON, PR**	**RGA LUST**	**S116438998** **N/A**

RGA LUST:

2006	URB. IND. LUCHETTI
2005	URB. IND. LUCHETTI
2000	URB. IND. LUCHETTI

Site	Database(s)	EDR ID Number EPA ID Number
(Continued)		**S116438998**
1995 URB. IND. LUCHETTI		
CARIBBEAN GULF REFINING CORP. **URB. IND. LUCHETTI** **BAYAMON, PR**	**RGA LUST**	**S116435948** **N/A**
RGA LUST: 2008 CARIBBEAN GULF REFINING CORP. URB. IND. LUCHETTI 2007 CARIBBEAN GULF REFINING CORP. URB. IND. LUCHETTI		
REFINER A **URB. IND. LUCHETTI** **BAYAMON, PR**	**RGA LUST**	**S116438344** **N/A**
RGA LUST: 2010 REFINER A URB. IND. LUCHETTI		
REFINER?A **URB. IND. LUCHETTI** **BAYAMON, PR**	**RGA LUST**	**S116438345** **N/A**
RGA LUST: 2003 REFINERA URB. IND. LUCHETTI 2002 REFINERA URB. IND. LUCHETTI 2001 REFINERA URB. IND. LUCHETTI		
URB.LUCHETTI **BAYAMON, PR**	**ERNS**	**2009923550** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		
URBANIZACION INDUSTIAL **BAYAMON, PR**	**ERNS**	**94274212** **N/A**
The ERNS database may contain additional details for this site. Please contact your EDR Account Executive for more information		

Site	Database(s)	EDR ID Number EPA ID Number
WASTE WATER TREATMENT PLANT **BAYAMON, PR**	**ERNS**	**2017190496** **N/A**

The ERNS database may contain additional details for this site.
Please contact your EDR Account Executive for more information

COUNTY FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 85

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/10/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Environmental Quality Board
Telephone: 787-767-8181
Last EDR Contact: 08/22/2005
Next Scheduled EDR Contact: 11/21/2005
Data Release Frequency: N/A

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/24/2020
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 05/04/2021
Number of Days to Update: 84

Source: Environmental Quality Board
Telephone: 787-767-8056
Last EDR Contact: 05/29/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 04/23/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 1

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

UST: Underground Storage Tank Facilities
Underground storage tank site locations.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 03/26/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 28

Source: Environmental Quality Board
Telephone: 787-767-8056
Last EDR Contact: 05/29/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/21/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/11/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 72

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/28/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 7

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/13/2025
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/25/2025
Date Data Arrived at EDR: 05/01/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/01/2025
Date Data Arrived at EDR: 01/17/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/26/2025
Date Data Arrived at EDR: 03/03/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/07/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 27

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 89

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 84

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/01/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 02/12/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 15

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 30

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/19/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 27

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 05/28/2025
Date Data Arrived at EDR: 05/28/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 6

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/22/2025
Date Data Arrived at EDR: 05/05/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 16

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 05/05/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 02/14/2025
Date Data Arrived at EDR: 03/11/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 84

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 75

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/23/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/17/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/15/2024
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 89

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/05/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database
US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database
EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System
EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 187

Source: Environmental Quality Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

PRIVILEGED AND CONFIDENTIAL

APPENDIX 6

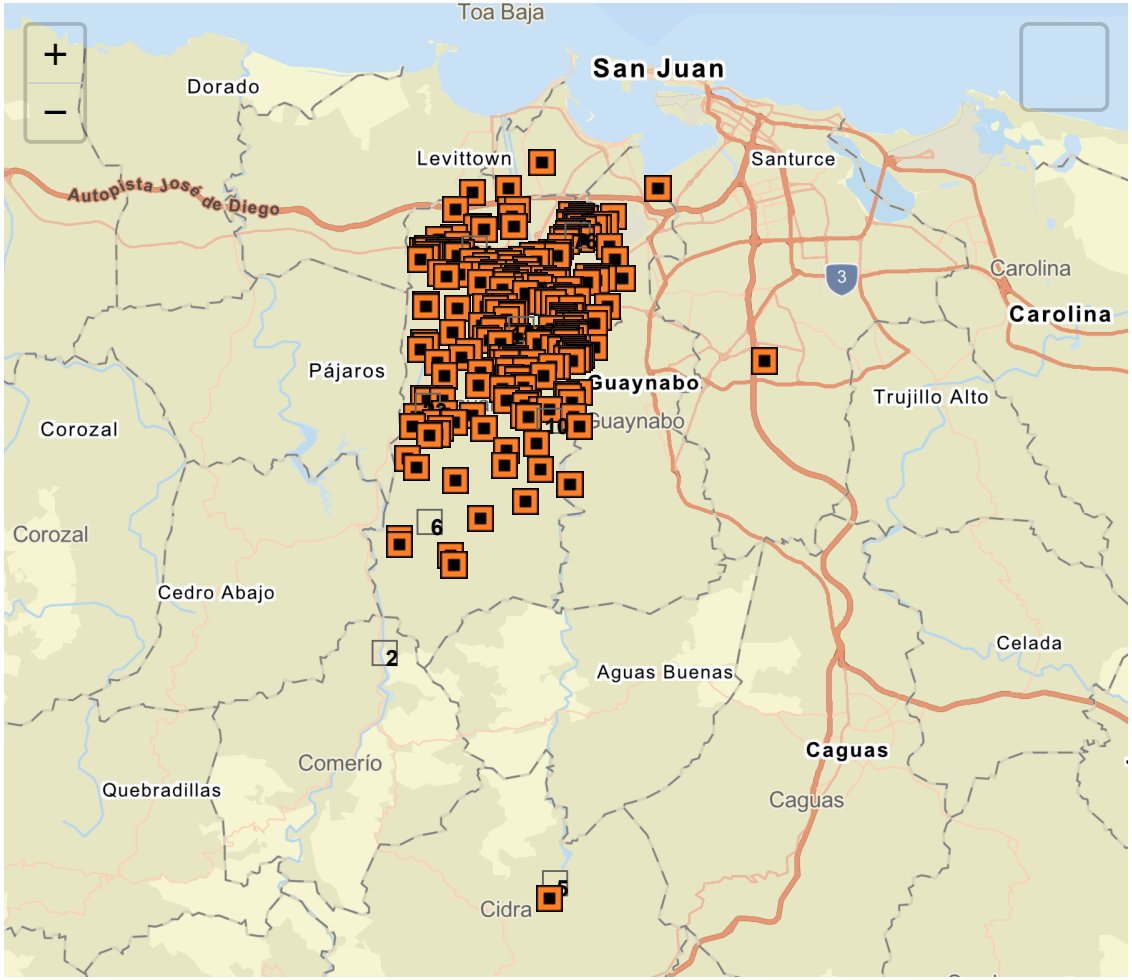
FRS FACILITY QUERY RESULTS

Related Topics: Envirofacts

FRS

FRS Facility Query Results

Your selection returned 564 facilities which are listed below.
Results are sorted by State, City Name, and Facility Name



Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Map Legend

- Denotes a facility/site location
- Denotes a facility/site location that has been selected by clicking on the 'Magnifying Glass' in the tabular list of facilities/sites displayed below the map.
- Denotes a "Cluster" of facility/site locations. Double clicking on the cluster will automatically zoom the map in at that location. It may take muliple "Double Clicks" to expand all clusters at a particular location. Or just use the "Turn Clustering Off" button to expand the clusters into individual facility/site locations.
- In the tabular list of facilities/sites displayed below the map, a single click on the magnifying class will center and zoom the map to that facility.

Go To The Facility/Site Table
Restore Original Map
Download KML File
Turn Clustering Off
Turn Clustering On
New Query

County Name: Bayamon
State Abbreviation: PR

Note: Click on the underlined FACILITY NAME to view a detailed facility information report for the Facility Site.
Go To Bottom Of The Page

List of National System Records

FACILITY NAME	Mapped	LOCATION ADDRESS	CITY NAME	COUNTY NAME	STATE	ZIP CODE	Reports
#214-LOMAS VERDES	Not Mapped	AVE LOMAS VERDES & CARR 174	BAYAMON	BAYAMON	PR	00902-4160	Detailed Facility Report , MyEnvironment
#369-SANTA JUANITA		AVE SANTA JUANITA ESQ INDIA URB SANTA JUANITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
#387-V.DE NAVARRA		AVE IRLANDA HGTS. URB VILLA NAVARRA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
4 REALTY GROUP	Not Mapped	9 STREET B17 PARQUE DE TORRIMAR	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
5 ASEC PLAZA DEL SOL	Not Mapped	AVE WEST MAIN LOCAL #2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
A J M MEAT PACKING INC		PR 2 KM 15 HATO TEJAS IND	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates
A J OSTER CARIBE	Not Mapped	EDIF 18 URB INDUSTRIAL CORUJO HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
A P M CO	Not Mapped	CALLE D 103 - 104 - 4	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ABC CLINICA VETERINARIA	Not Mapped	RD 167 MAGNOLIA AVE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

ACCESORIOS DE SERVICIOS CARIBENO	Not Mapped	P.O BOX 9438	BAYAMON	BAYAMON	PR	00621	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ACCESS BUSINESS GROUP LLC PR	Not Mapped	INDUSTRIAL PK MINILLAS RD 17	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ACRES REAL ESTATE	Not Mapped	CONDOMINIO LAS TORRES SUR 2E	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
ACTUAL REAL ESTATE	Not Mapped	C-23 C. 3, CARR. 167, BRAULIO DUENO	BAYAMON	BAYAMON	PR	00939	Detailed Facility Report , MyEnvironment
AGREGADOS MINILLAS CORP.	Not Mapped	RD 174, RAMAL 355 BO GUARAGUAO	BAYAMON	BAYAMON	PR	00000	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
AIR MONITOR AIRS/AQS-17916		SANTOS SEPULVEDA SCH.,URB SIERRA BAYAMON	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
AJM MEAT PACKING_INC.	Not Mapped	3 STREET, LOT 10 & 11, HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ALMACEN REGIONAL ESTE DE BAYAMON WAREHOUSE	Not Mapped	AVE CENTRAL JUANITA	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ALTERNATIVE EXTERMINATING COMEJEN CORP. AND OMAR ROMAN COLLAZO		AVENIDA LOMAS VERDES	BAYAMON	BAYAMON MUNICIPIO	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates
ALTERNATIVE EXTERMINATING COMEJEN, CORP.		LOMAS VERDES AVE. N5 ALTOS	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates
ALUMASTER CORP	Not Mapped	CALLE C URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
AMERICAN TOOLS INC.		205 LAUREL AVE URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
AMIGO SUPERMARKET #3669		INT CARR 174 Y CARR 177 URB	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
AMIGO SUPERMARKET #3680		PR-167 KM 17.6	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

ANTARTICA ICE PLANT		CALLE 3A	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates
ANTILLES ELECTROPLATING INC		75 CALLE D	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ANTILLES ELECTROPLATING, INC	Not Mapped	466 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment
ANY PARTS CORP	Not Mapped	CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ARTESANALES PR LLC		CALLE D 317 LOCAL 3 MINILLAS INDUSTRIAL PARK	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
ARTESANALES PR LLC		317 CALLE D	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
ATLANTIC FURNITURE INC	Not Mapped	CALLE C URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
AUTO AIR & PROFESSINAL	Not Mapped	AVE. COMERSO CARR II 167 K24.0	BAYAMON	BAYAMON	PR	00941	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
AUTO NUEVO INC		RD 2	BAYAMON	BAYAMON	PR	99999	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
AUTO PROGRESO DEALER		PR RD 2 KM 8.7	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
AUTOCARE CENTER LLC	Not Mapped	975 W MAIN AVE	BAYAMON	BAYAMON	PR	00961-7501	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
AUTOMECA TECHNICAL COLLEGE		CARR 2 KM 14.0	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
AUTONVERO MAZDA	Not Mapped	PO BOX 4144	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

B&B MFG CORP	Not Mapped	330 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
B.A.R. GROUP INC	Not Mapped	CALLE E BLDG M-0755-66-2 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
BANFIELD PET HOSPITAL #2161		EXPO DE DIEGO & AVE COMERIO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BARMA FOOD, INC	Not Mapped	CALLE D 72-2 INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
BAUTISTA REO PR CORP 205 AVENIDA LAUREL		205 AVENIDA LAUREL	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON BUMPER		CARR 2 KM 168	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON ELECTROPLATING	Not Mapped	P O BOX 896	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment
BAYAMON FORD		CARR H 2 KM 16.5	BAYAMON	BAYAMON	PR	00960-2028	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON FORD		CARR 2 KM 14.1	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON GARDENS STP		PRINCIPAL ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON GARDENS STP	Not Mapped	CASTIG LIONY AVE	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
BAYAMON IRON WORKS	Not Mapped	HERRERIAS BAYA COMERIO KM 19	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
BAYAMON MEDICAL CENTER	Not Mapped	RD 2 KM. 11.7	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

BAYAMON REGIONAL HOSPITAL - RAMON RUIZ ARNAU UNIVERSITY HOSPITAL		100 AVENIDA LAUREL SANTA JUANITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON SIERRA STP		WEST MAIN AVE	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON STAMPING INC		1189 E ST SECTION 5	BAYAMON	BAYAMON	PR	00959-0000	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON TOWNE CENTER		STATE ROAD PR-167, BUENA VISTA WARD	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON UNIVERSITY COLLEGE		RD 174 KM 2.8	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON, MUNICIPALITY OF	Not Mapped	RD 174 ST 5 - BARIO JUAN SANCHEZ	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
BERNARDO HUYKE	Not Mapped	CALLE PENSACOLA, 8VA SEC. STA. JUANITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
BESST CHEMICALS INC		CALLE E BLDG M928-70-02 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BESST CHEMICALS, INC.	Not Mapped	E STREET BUILDING M928-70-02	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
BETTERECYCLING CORPORATION - BAYAMÓN		CALLE C LOTE 139 PARQUE INDUSTRIAL LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BETTEROADS ASPHALT PLT 3		CALLE C LOTE 39 URB IND LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BLDG M-0960-0-70-05		MINILLAS INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Cleanups in My Community

BOLIVAR SHELL		ORQUIDEA AVENUE, CORNER LIRO, VALENCIA GARDENS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BORDEN PUERTO RICO INC		URB INDUSTRIAL CORUJO HATO TEJAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BOUTIQUE CLEANERS		CALLE ESTEBAN PADILLA #62	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BUENA VISTA PRESS INC		17 B ST	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
C O D CAR CARE		CARR 174 KM 1.8	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CADILLAC UNIFORM & LINEN SUPPLY		IND MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CADILLAC UNIFORM & LINEN SUPPLY, LLC		221 AVENIDA LAUREL	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
CADILLAC UNIFORM & LINENE SUPPLY		A AND C STREETS-MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CANDELARIA SERVICE STATION	Not Mapped	PR-863 KM 0.1 BO PAJAROS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
CANTERA CARMELO INC (TERRASSAS AGREGATE)		PR 174 KM 7.8 BO. GUARAGUAO	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CANTON MALL - STREET VENDOR		BETANCE STREET	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates
CANTON MALL STREET ICE CREAM VENDOR		BETANCE STREET	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates

CAPECO		PR-28 KM 2.0	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
CARIBBEAN DENTAL PRODUCTS CORP	Not Mapped	460 CALLE D STE 2 IND MINILLAS	BAYAMON	BAYAMON	PR	00959-1905	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CARIBBEAN PETROLEUM CORP DRUM REMOVAL		CARR.#28 KM.2 URBAN INDUSTRIAL LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
CARIBBEAN PETROLEUM LP - SS GULF 001	Not Mapped	CALLE C-33 MARGINAL PAZ	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CARIBBEAN PETROLEUM LP - SS GULF 099		AVENIDA CASTIGLIONI ESQUINA 21	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBBEAN PETROLEUM LP SS GULF 139		PR-2 KM 8.3 MARGINAL JARDINE	BAYAMON	BAYAMON	PR	009364049	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBBEAN PETROLEUM LP SS GULF 402		PR-2 KM 14.5 BO HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBBEAN PETROLEUM LP SS GULF 426		AVE COMERIO STATE RD 167 &	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBBEAN PETROLEUM LP SS GULF 453		PR-2 KM 15.4 BO HATO TEJAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBBEAN TUBULAR - PRIDCO	Not Mapped	2 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CARIBBEAN UNIVERSITY		PR-167 KM 21.2	BAYAMON	BAYAMON	PR	00960-0493	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CARIBE METALLURGICAL		INDUSTRIAL LUCHETTI, LOT 15	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

CARIBE MILLWORK CORP	Not Mapped	30 CALLE C URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CARMEN GOMEZ TEJERA		AVE. MAIN SANTA ROSA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
CAROTRANS INTL		CALLE EL TABANO LOT 2	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CEMEX CONCRETOS - BAYAMON 11		PR-167 BO LA CAMBIJA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CEMEX CONCRETOS - BAYAMON READY MIX PLANT 8		PR-861 KM 3.1	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CENTRO CITOPATOLOGICO	Not Mapped	RD 2 KM 11.7	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CENTRO DE ACOPIO DE MATERIAL VEGETATIVO DE BAYAMÓN		CALLE 5, JUAN SANCHEZ NEIGHBORHOOD	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CENTRO DE PATOLOGIA AVANZADA DE P R CSP		CALLE 8 BLOQUE I-32	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CENTRO RADIOLOGICO	Not Mapped	HWY 2 PARQUE ST- DR DE JESUS	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CHEM PROD CORP	Not Mapped	RD 2 CORREA IND PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CITGO COMERIO		400 CALLE COMERIO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Cleanups in My Community
CITGO SANTA CRUZ		PR-855 AND CALLE ESTEBAN PADILLA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Cleanups in My Community

CLASS CLEANER EXPRESS	Not Mapped	AVE. HNAS. DAVILA #177	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CLENDO LAB		STA CRUZ AVE 58	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COATINGS INC CO		404 CALLE E URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COATINGS INCORPORATED AND COMPANY		85 CALLE E URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
COCA COLA PUERTO RICO BOTTLERS - BAYAMON		PR-174, LOT 107, URB. INDUSTRIAL MINILLAS	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COCA-COLA PUERTO RICO BOTTLERS		PR-174 KM 2.0 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COLACIOPPO ENTERPRISES	Not Mapped	AVE CARLOS ANDALUZ IK 20	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
COLOMBINA S.A.	Not Mapped	CARR 28 AVENIDA CENTRAL JUANITA	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
COMMERCIAL AND RESIDENTIAL AREA WITH HEAVY TRAFFIC FLOW.		AVE. LOMAS VERDES, BAYAMON	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
COMPUTER EXTERMINATING, INC.	Not Mapped	L-56 FRESNO STREET, URB. FOREST VIEW	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
CONDADO WINDOWS		RD 871 SECTOR EL VOLCAN HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CONINCO INC	Not Mapped	CALLE E BLDG M-1189 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
CONSUMER PACKAGING INC	Not Mapped	CALLE E 83 1 MINILLAS PARK	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

COOPERATION DE CAMIONEROS		PR-28 KM 2.1	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COOPERATIVA AMOR A LA TERCERA EDAD		CALLE 22 BLOQUE 17	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CORPAK INC		C STREET BLDG 36 CENTRO IND	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COSTCO WHOLESALE #363		PARQUE INDUSTRIAL MINILLAS #12	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COSTCO WHOLESALE #363	Not Mapped	PARQUE INDUSTRIAL MINILLAS #12	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
COSTCO WHOLESALE #364		2399 RTE 2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COSTCO WHOLESALE #364	Not Mapped	2399 ROUTE #2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
CUBITOS, INC	Not Mapped	CALLE D BLDG 925 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
CVS PHARMACY #4594		CARR 2 INT CALLE MORALES	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CVS PHARMACY #4594	Not Mapped	CARR.PR-2 INT. CALLE MORALES	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
CVS PHARMACY #4596		CARR 167 INT PR 829	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CVS PHARMACY #4596	Not Mapped	CARR. PR-167, INT.PR-829,BARR	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment
CVS PHARMACY #5219		CALLE MARGINAL #600 URB FLAMBOYAN GARDENS	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

CVS PHARMACY #5219	Not Mapped	CALLE MARGINAL#600 URB FLAMBOY	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment
CVS PHARMACY #5677	🔎	CARR 167 INT PR 199 REXVILLE	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CVS PHARMACY #5677	Not Mapped	1 REXVILLE PLZ STE 13	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment
D'GALA CLEANERS	Not Mapped	BLQ.20 #32 URB.SANTA ROSA	BAYAMON	BAYAMON	PR	00978	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
D'MILLENIUM DRY CLEANERS	🔎	PR-167 KM 15.7 BO BUENA VISTA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
D'SHOW DRY CLEANERS & DELIVERY SERVICES	Not Mapped	I-15 BETANCES AVE HMNAS DAVILA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
DANA TRANSPORT	🔎	9 DOWNE DR MARGINAL EXPRESSO RIO	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DANA TRANSPORT	Not Mapped	195 INDUSTRIAL LUCHETTI CARETERA 5	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
DANA TRANSPORT INC	Not Mapped	MARGINAL EXPRESO RIO HONDO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
DANOSA CARIBBEAN INC	🔎	URB INDUSTRIAL LUCHETTI LOTE 29	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEFPAC CORPORATION	🔎	RD. 28 ST. B LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
DELTA TRANSPORT INC	🔎	CARR 167 ANTIGUA CARR DE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DELUXE CLEANERS DRY CLEANING	🔎	AVE MAGNOLIA A22 VILLA CONTESS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

DEMOLITION OF THE CHILDREN'S DEVELOPMENT CENTER BUILDING AT FORT BUCHANAN		CHRISMAN STREET, FORT BUCHANAN	BAYAMON	BAYAMON MUNICIPIO	PR	00934	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPARTMENTO DE SALUD-SECRETARIA AUXILIAR	Not Mapped	ANTIGUO HOSPITAL RUIZ SOLER ROAD # 2	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
DEPT OF ED - AGUSTIN STAHL	Not Mapped	CALLE PARQUE ESQ BETANCES	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
DEPT OF ED - EPIFANIO FERNANDEZ - VANGA		CALLE 8A 1.5 KM W PR-167	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - JESUS SANCHES ERAZO		CARR 831 KM 3.3 7MA SECCION	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - JOSE DAVILA SEMPRIT		33RD ST SIERRA BAYAMON	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - MARIANO FELIU-BALSEIRO		CARR 831 - COR OF DURAZNO ST	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - MIGUEL CERVANTES		CARR 831 LOMAS VERDES	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - MIGUEL MELENDEZ MUNOZ		RD 840 KM 1.3 LA ALDEA WARD	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - PABLO CASALS		CALLE C ESQUINA CALLE D	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DEPT OF ED - PADRE RUFO M FERNANDEZ		LAREDO ST - QUINTANA CORNER	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

DEPT OF ED - PAPA JUAN XXIII	Not Mapped	ISLA NENA - EXT VILLA RICA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
DEPT OF ED - RAFAEL HERNANDEZ SCHOOL		CALLE 19 NEAR SIERRA LINDA PK	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DIESEL MARINE & IND SUPPLY INC		CARR 2 MARGINAL SANTA ROSA	BAYAMON	BAYAMON	PR	00621	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DOCTOR CENTER HOSPITAL		CALLE J-9 URB	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DOCTOR CENTER HOSPITAL		CALLE J-9 URB HERMANOS DAVILA	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
DUARTA WASTE REPAIR SHOP	Not Mapped	CORUJO SECTOR, LOT # 17, STATE RD 864	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
DUARTE WASTE - CORPORACION LOS HERMANOS	Not Mapped	URB INDUSTRIAL CORUJO LOTE 17	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
E J S INC		0943 LAUREL AVE URB	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
E PACK		36 CALLE C EDIF	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ECOLAB MANUFACTURING INC		PR-28 LOT 13-A IND LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
EDWIN ANDUJAR BERMUDEZ DBA TRULY NOLEN PEST CONTROL DE CAGUAS		URB. MIRAFLORES, BLOCK 16015, CALLE 29	BAYAMON	BAYAMON MUNICIPIO	PR	00699	Detailed Facility Report , MyEnvironment , Facility Coordinates
EF & ASSOCIATES		1629 AVE AGUAS BUENAS URB SANTA ROSA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates

EJS INC.		AVE LAUREL 0943	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates
EL COQUI	Not Mapped	ROAD #6 SECT LA CAMBIJA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
ELECTRO GULF		PR-2 KM 90 VILLA ESPANA	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ELECTROMECANICA EL CANO	Not Mapped	ST 15 G2 FOREST HILLS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
EMPRESAS TERRASSA INC	Not Mapped	CALLE 24 #17-35 URB SANTA ROSA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ENVIRONMENTAL ACTION INC	Not Mapped	CLL 9 242 R PLANTATION HATO T	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ENVIRONMENTAL QUALITY LABORATORIES INC		60 CALLE E URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
EQB #51-SITE NEAR BAYAMON DONWTOWN COMERCIAL AREA.		JOSE DAVILA SEPRIT SCHOOL,SIERRA BAYAMON	BAYAMON	BAYAMON	PR	00739	Detailed Facility Report , MyEnvironment , Facility Coordinates
EQB #63 - VILLA RICA, BAYAMON		ESCUELA JUAN MOREL CAMPOS	BAYAMON	BAYAMON	PR	00739	Detailed Facility Report , MyEnvironment , Facility Coordinates
ESCUELA JOSE A DAVILA	Not Mapped	RD 167	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESSO CO-102		CALLE EUGINIO DUARTE	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
ESSO SERVICE STATION CO-062		PR-167 BO BUENA VISTA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO 101		CARR 167 CARR MARGINAL	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

ESSO STANDARD OIL CO - PR CO-057		CARR 2 KM 12.1 - HNAS DAVILA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-063	Not Mapped	CALLE LAUREL ESQ BELLISIMA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-064	Not Mapped	AVE BETANCES INT CALLE F	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-067		PR-167 KM 2.6	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-102		AVE EUGENIO DUARTE URB LA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-105		CARR 872 KM 0.9 URB TERESITA	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR CO-466	Not Mapped	AVE COMERIO ESQ 801 RIO HONDO	BAYAMON	BAYAMON	PR	00950	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESSO STANDARD OIL CO - PR DO-471		PR-829 KM 2.4	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ESSO STANDARD OIL CO - PR SC-065	Not Mapped	CALLE COMERCIO 308	BAYAMON	BAYAMON	PR	00959-5445	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESSO STANDARD OIL CO PR CO-097	Not Mapped	MINILLAS AVE ESQ HOSTOS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
ESTANCIAS DE CERRO GORDO 2 PUMP SSATION	Not Mapped	BO. CERRO GORDO	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
ESTRELLA FOOD PRODUCTS		MINILLAS INDUSTRIAL PARK, 325 CALLE D, SUITE 2	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates

EXPANSION OF JOSE SANTIAGO INC. FOOD DISTRIBUTION CENTER – PHASE I	🔎	MARGINAL ST. PR-5 KM 4.4 PARQ. INDUSTRIAL LUCHETTI	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMACIA EL AMAL #11	🔎	SANTA ROSA SHOPPING CTR	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMACIA EL AMAL #14	🔎	VICTORY SHOP CENTER CARR 167	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMACIA EL AMAL #65	🔎	BAYAMON OESTE SHOP CTR	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMACIAS PLAZA #18	🔎	AVE TENIENTE NELSON MARTINEZ ESQ NOGAL	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMACIAS PLAZA #2	🔎	MARGINAL D-32 EXT FORREST HILLS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FARMARKET BELLA VISTA	Not Mapped	1 BELLA VISTA COMM CTR STE 1A	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
FEDERAL BUILDING	🔎	ROAD #2 KM 11.8	BAYAMON	BAYAMON	PR	00621	Detailed Facility Report , MyEnvironment , Facility Coordinates
FLEXIBLE PACKAGING	Not Mapped	ROAD # 174 MILILLAS INDUSTRIAL PARK #170	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment
FLEXIBLE PACKAGING CO	Not Mapped	PO BOX 4321, BAYAMON GARDENS STATION	BAYAMON	BAYAMON	PR	00958-132	Detailed Facility Report , MyEnvironment
FLEXIBLE PACKAGING GROUP	Not Mapped	BLDG M-801 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
FLEXIBLE PACKAGING GROUP	Not Mapped	RD 174 KM 5.5 GUARAGUAO WARD	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
FOAM CEM CARIBE	🔎	PR-831 KM 2.5 LA LOMITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

FOMENTO INDUSTRIAL DE PUERTO RICO	Not Mapped	CALLE E PARQUE INDUSTRIAL MINILLAS CARRETERA PR-174	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
FORMERLY EDIF-INTERNATIONAL PAPER	🔍	CARR 2 KM 15.2 IND CORJUO	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FORTEX INC	🔍	PR-174 KM 2.1 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
FRIGORIFICO MARUN	Not Mapped	3 ST 2ND BLOCK SIERRA BAYAMON	BAYAMON	BAYAMON	PR	0956	Detailed Facility Report , MyEnvironment
FUENTES BUS LINE INC - MFR TRANSPORT INC	🔍	CARR 174 KM 1.9	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GARAGE FELO INC	🔍	PR-167 KM 17.0	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GARAGE MIRANDA	🔍	ZONA INDUSTRIAL LUCHETTI MARGINAL 5	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GARAGE MIRANDA	🔍	CARR 2 KM 8.9	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GARAGE QUITA Y PON	Not Mapped	AVE LOS MILLONES 8-A2	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
GARAGE WILLIAM	Not Mapped	ST RD 830 KM 5	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
GARAJE CARLOS	Not Mapped	PR-167 KM 15.5	BAYAMON	BAYAMON	PR	00956-9726	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
GARMENTS & EMBROIDERIES	🔍	216 LAUREL AVE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

GENERAL COATING	Not Mapped	RD D EDIF M 1034 SEC 5	BAYAMON	BAYAMON	PR	00910	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
GENERAL ELECTRIC POWER PROTECTION OF PR	Not Mapped	PR-177 & PR-174 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
GLOBAL AUTO PAINT		HOSTOS AVE MS 10 SEC 9	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GONZALEZ TIGERA WAREHOUSSE	Not Mapped	19 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
GOYA DE PUERTO RICO INC		INTERSECTION PR-2 & PR 167	BAYAMON	BAYAMON MUNICIPIO	PR	00621-1467	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GUARAGUAO TRUCK SCS INC		CARR 174 KM 4.8 BO GUARAGUAO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GULF #084		PR-2 KM 15.5 CORUJO	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #1		MARGINAL AND PAZ FOREST HILLS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #112		AVE WEST MAIN ESQUINA NORTH	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
GULF #113		AVE BETANCES HERMANAS DAVILAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #34		BOUNDARY AND 174 SANTA ROSA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #473		PR-167B KM 19.4	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #479		AVE CASTIGLIONI CALLE 21 BAYAMON GARDENS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates

GULF #489		PR-174 & LOMAS VERDES AVE	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF #736		PR-174 KM 2.2 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
GULF 199		PR-2 KM 14.2 HATO TEJAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
H A T S	Not Mapped	SANTA JUANITA AVE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
HARVEY HUBBELL CARIBE INC		PR-177 CORNER 174	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HATO REY PATHOLOGY ASSOCIATES INC. AT BAYAMON	Not Mapped	BLOQUE I-32 EXT. HERMANOS DAVILA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
HATO REY PSYCHIATRIC HOSPITAL		PR-2 KM 8.2	BAYAMON	BAYAMON	PR	00960-0089	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HB FULLER COMPANY HBF PUERTO RICO		CALLE C NUMBER 26 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HENFRAMAR CORP		D. ST LUCHETTI IND. PK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
HERA ENVELOPES & FORMS		350 CALLE D PARQUE INDUSTRIAL MINILLAS	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HERMANOS CORPORACION		CALLE DR VEVE # 41	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
HI CLEAN DRY WET CLEANING & LAUNNDRY	Not Mapped	C49 #28 BLOQ 51 SIERRA BAYAMON	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

HIGH POWER DIESEL		CARR 2 KM 13.8 BO HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HIGHWAY SAFETY IMPROVEMENTS AT PR-6 KM 0.0 TO KM 2.0, BAYAMON, PUERTO RICO		HIGHWAY PR-6 KM 0.0 TO KM 2.0	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HOME DEPOT STORE #6405		REXVILLE TOWN CTR STATE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HOME DEPOT THE 6401		725 WEST AVE SUITE 860	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HOSPITAL HERMANOS MELENDEZ		PR-2 KM 11.7	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
HOSPITAL SAN PABLO		70 CALLE SANTA CRUZ	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HOSPTIAL MATILDE BRENES		9 J ST URB HERMANAS DAVILA	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
I T S CALEB BRETT USA INC		RTE 28 KM .2 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ICDC RIO PLANTATION	Not Mapped	CALLE 2 ESTE & 4 CARR RIO PLANTATION	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
IMAGENES PRINTING INC	Not Mapped	13 SIERRA BAYAMON BLOQUE Q31	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
IMPRESOS QUINTANA INC		3H12 LOMAS VERDES AVE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

IMPRESS QUALITY PRINTING, INC.	Not Mapped	ST E LOT 78 MINILLASIND PARK I	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
IND LA FAMOSA CANNING CO		865 ST CORNER TO 866 ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
INDUSTRIAL INVESTMENT, LLC		BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK,	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
INDUSTRIAL LUCHETTI STP	Not Mapped	OLD ST BAYAMON TO CATANO	BAYAMON	BAYAMON	PR	00621	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
INDUSTRIAL MACHINERY MOVERS INC		CARR 174 KM 4.4 CALLE 10 NO 6	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
INDUSTRIAL MACHINERY MOVERS, INC		JUAN SHEZ WARD	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
INSULAR WIRE PRODUCTS CORP.		CALLE B LOT 20 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
INTER CLEAN SUPPLY CORP	Not Mapped	PO BOX 716	BAYAMON	BAYAMON	PR	00960-071	Detailed Facility Report , MyEnvironment
INTERAMERICAN UNIVERSITY	Not Mapped	PR-174 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
INTERNATIONAL EQUIPMENT LOGISTICS TRANSPORT INC		195 RD 5 RD BUCHANAN INDUSTRIAL LECHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
INTERNATIONAL PAPER	Not Mapped	PR-2 KM 15.2 URB INDUSTRIAL CORUJO	BAYAMON	BAYAMON	PR	00961-	Detailed Facility Report , MyEnvironment
ISLAND CAN CARRIBEAN INC		ROAD 28 CORNER 5	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ISLAND CAN CORP		INTERSECTION PR-2 & PR-167	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

JARDIN LOMAS VERDES	Not Mapped	STREET NEGAL 4TH SECTION LOMAS VERDES	BAYAMON	BAYAMON	PR	00621-900	Detailed Facility Report , MyEnvironment
JEFRY COLON COLON		CALLE AVE MAGNOLIA P 15	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
JONLLY FRUITS		CARR. 831, KM 2.7 BO. MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
JOSE A. DAVILA		PR-167 KM 5	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
KEM MANUFACTURING CORP		EDIF 26 URB INDUSTRIAL CORUJO HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
KINGDOM PACKING CO. INC.	Not Mapped	3RD ST LOTS # 10, 11, 12 & 13 HATO TEJAS	BAYAMON	BAYAMON	PR	00961-	Detailed Facility Report , MyEnvironment
KIOSKO MUNOZ	Not Mapped	CALLE ZCEION	BAYAMON	BAYAMON	PR	00756	Detailed Facility Report , MyEnvironment
KMART #7570		PLAZA RIO HONDO & COMERIO AVE	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
KMART #7788		PR 167 & PR 199 LAS CUMBRES	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
KODAK RAHOLA INC	Not Mapped	PLZ RIO HONDO LOCAL 5E	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
KODAK RAHOLA INC		MARGINAL ST E 9 URB SANTA CRUZ	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
KODAK RAHOLA INC - PACE MEMBERSHIP WHSE	Not Mapped	COMERIO AVE RD 167	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
LA J DRY CLEANERS	Not Mapped	REPARTO VALENCIA C29 AVE ORQUI	BAYAMON	BAYAMON MUNICIPIO	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

LAB MATERIALES AUT CARRETERAS		PR 28 FINAL	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LABELS UNLIMITED INC	Not Mapped	RD 174 KM 2.5	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
LAS TERESAS STP		STREET 31 - END	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LAUNDRY MAX CLEANERS, INC.	Not Mapped	A-1 VE. LOMAS VERDES	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
LAUNDRY NACIONAL		CALLE 10 BLQ.L-1 URB.RIVERVIEW	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LAUSELL ALUMINUM II	Not Mapped	URB INDUSTRIAL MINILLAS, BLOQUE C	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
LIFT-MASTER DE PUERTO RICO, INC	Not Mapped	ROAD 840 KM. 2.7	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment
LOMAS VERDES I SS 804444		AVE LOMAS VERDES 1A1	BAYAMON	BAYAMON	PR	00928	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LOMAS VERDES SERVICE STATION	Not Mapped	CARR 174 ESQUINA AVE	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
LOSADA AUTO TRUCK INC		CARR 2 KM 15.5 AL LADO DE	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LOSADO AUTO		CARR 2 KM 16.7	BAYAMON	BAYAMON	PR	00621-3158	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LOT 83 - FIVE UNITS BUILDING	Not Mapped	STREET E., MINILLAS INDUSTRIAL PARK:	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
LUAR CLEANERS	Not Mapped	174 HIGHWAY, 90 AGUSTIN STALL	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

LUIS GARRATON LLC		URB INDISRTIAL LUCHETTI CARR 28	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LUIS GARRATON LLC		CARR 28 AVENIDA CENTRAL JUANITA FINAL	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
LUMA - BAYAMON REGION		CALLE DR FERRER 35 BAYAMON CENTRO	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
LUNA PAINTS CORP		97 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MANLEY BERENSON - RIO HONDO SHOP	Not Mapped	STATE RD 167	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
MANTECADOS NEVADA		PR-174 KM 2.3 URB IND MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MARIA T. VAZQUEZ DE UMPIERRE		PR-167 KM 15.3 BUENA VISTA	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MASGTER BATHS & ACCESSORIES INC		ST E LOT 80 BLDG M-1252-079-01	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MAX A/C AUTO AIR		CARR 174 BLOQ 21 #27	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MAXLAN IND SEVICES INC		ST D BLDG M3	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MD BIOMEDICAL WASTE INC	Not Mapped	AVE STA CRUZ 53 ALTOS URB STA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

MDI CARIBE LTD		LUCHETTI INDUSTRIAL PARK LT 41	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MECH-TECH COLLEGE BAYAMON		RD 167 KM 18.9 PAJAROS WARD	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MENDEZ FUEL INJECTION		CARR 174 KM 4.6 BO GUARAGUAO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
METRO MAZDA		AVE CEMENTERIO NACIONAL KM 0.3	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
METRO PLUMBING	Not Mapped	STREET #10, SANTA JUANITA DEVELOPMENT	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
METRO TOYOTA		CARR 2 KM 3.5 MARGINAL	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MIKE PIZARRO MAINTENANCE CO		CARR 840 KM 1.8 BO CERRO GORDO	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MISTOLIN CARIBE INC		CALLE A LOT 28 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MITEL CARIBE INC	Not Mapped	MINILLAS INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
MODERN PLASTIC, INC	Not Mapped	MINILLAS INDUSTRIAL PK, ROAD D-460	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment
MONARCH DRY CLEANING		AVENIDA SANTA JUANITA ALC-1	BAYAMON	BAYAMON MUNICIPIO	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MOTOFACTOR COATING	Not Mapped	A-19 LAS CUMBRES AVE	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

MUNICIPIO BAYAMON - PR SOLID WASTE AUTH		CARR 2 KM 10.3	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MUNICIPIO DE BAYAMON DEPTO DE TRNASPORTE		CARR 174 CALLE 5	BAYAMON	BAYAMON	PR	99999	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
MUNICIPIO DE BAYAMON TEATRO OLLER	Not Mapped	CALLE DR VEVE ESQ BARBOSA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
NARVAEZ DRY CLEANERS	Not Mapped	REXVILLE AB-1 ST 49	BAYAMON	BAYAMON MUNICIPIO	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
NATIONAL COLLEGE OF BUSINESS & TECHNOLOG	Not Mapped	RD 2 KM 11.2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
NATIONAL DIE CASTING	Not Mapped	86 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
NEW ERA DRY CLEANING (5ASEC)		LOCAL #2 WALMART PLAZA DEL SOL	BAYAMON	BAYAMON	PR	00000	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
NISSAN AUTO SERVICE	Not Mapped	RD 2 CORREA ST	BAYAMON	BAYAMON	PR	99999	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
NUEVO ALMACEN CORUJO		PR-864 KM. 0.2	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
OFICINA DE MEJORAMINETO DE ESCUELAS PUBLICAS (O.M.E.P.)	Not Mapped	PR-174 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment
OFICINA DE MEJORIMIENTO DE ESCUELAS PUBLICAS		CARR 174	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
OLEOPTION		CALLE RENO S-22 URB	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

OLES DE PUERTO RICO INC		350 CALLE D URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959-1907	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
OMARK CARIBBEAN INC		88-90 CALLE D MIN INDUSTRIAL	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ORANGE CRUSH OF PR	Not Mapped	PR-174 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment
OREILLY AUTO ENTERPRISES LLC #DC40		450 CARR 830 STE 2	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ORO TRANSPORT CO	Not Mapped	PR 28 ESQUINA CALLE B PARQUE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
OYOLA HECTOR PAGAN	Not Mapped	CALLE ONIX U 25 URB VALLE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PACKAGING SOLUTIONS INC		PR-174 KM 5.1 BO GUARAGUAO ABAJO	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PADRE RUFO SCHOOL	Not Mapped	LAREDO ESQ. QUINTANA 6TA SEC STA. JUANITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
PAINT PRO		CARR 167 KM 15.8	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PAN AMERICAN GRAIN COMPANY		EDIF 19 URB INDUSTRIAL CORUJO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PAN PEPIN		203 AVENIDA LAUREL	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PAN PEPIN DE PR		AVE LAUREL 203	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

PAN PEPIN, INC	Not Mapped	MILILLAS INDUSTRIAL PARK C ST BLOCK 23	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
PAN PEPIN, INC.		203 LAUREL AVENUE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PAN PEPIN-PAN PEPIN	Not Mapped	CARR. 174 LOTE # 20	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
PAX-CHEM, CORP		CARRETERA 174 KM 3.0 420 CALLE E SUITE NO. 6	BAYAMON	BAYAMON MUNICIPIO	PR	00959-1922	Detailed Facility Report , MyEnvironment , Facility Coordinates
PAYCO FOODS CORP	Not Mapped	ST A LOT 10 BLDG 19B	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PEP BOYS 918	Not Mapped	RTE 167 & 29	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PEP BOYS 919	Not Mapped	167 CARR ESTATAL	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PERFORMANCE PRODUCTS CO		CAONILLAS D 43 RIOHONDO	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PERFUMERIA BRISAS / MINILLAS INDUSTRIAL PARK	Not Mapped	317 ST D , STE 10	BAYAMON	BAYAMON	PR	959	Detailed Facility Report , MyEnvironment
PEST CONTROL SUPPLIES, INC	Not Mapped	COMUIO AVE 2A-16 RIVERVIEW	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
PETROLEUM EMULSION MFG		URB INDUSTRIAL LUCHETTI LOT 36	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PINTURAS LUNA	Not Mapped	CALLE #97 CENTRO MINILLAS	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PLATT METAL		30 B IND LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PLAVICA AUTO BODY		CARR 2 KM 14.0 BO HATO TEJAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

PLAZA DEL SOL	Not Mapped	RD 167 EL VOLCAN	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
POLYMER INDUSTRIES		STATE RD 831 KM 3.2	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PORTA COELI CREMATION	Not Mapped	PR-186 AVE CEMENTERIO NTL	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PORTA SYSTEMS CARIBBEAN	Not Mapped	RD 174 BLDG 801 0 67 SECTION 3	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PR ARMY NATIONAL GUARD	Not Mapped	DEGETAU FINAL ST	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PR SUPPLIES, INC		IND ANTONIO LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PR WOMENS & CHILDRENS HOSPITAL		RD 2 KM 11.6 INTERIOR	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PR-5(RIO HONDO) AT RIO HONDO	Not Mapped	CONNECTOR,FROM INT. WITH PR174	BAYAMON	BAYAMON	PR	00000	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PRAMAC DE PUERTO RICO		CARR 2 KM 15.8 HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PRASA (DAJAOS)		PR-812 KM 3.6	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PRASA - BAYAMON MAINTENANCE OFFICE	Not Mapped	PR-167 KM 2.0	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PRASA - OFFICINA OPERACIONES AAA		PR-174 KM 2.9 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PRASA BAYAMON ENGINEERING DEPT		CALLE E #93	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates

PRASA BAYAMON JUDICIAL CTR		PR-2 KM 10.5 COR TO	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PRASA LUCHETTI EJECTOR PUMP STA BAYAMON 0023728	Not Mapped	PR-167 KM 26.4 LUCHETTI DEVELOPMENT	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
PRASA VISTAS DEL BOSQUE PS		PR-167 KM 13.7 URB. VISTA DEL BOSQUE,	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PRECISION COMPRESSORS PARTS		RD 28 KM 2.5 URB LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PREPA (BAYAMON TRANSMISSION CENTER)		PR-21 VILLA ESPANA	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PREPA - BAYAMON TECHNICAL OPERATIONS OFFICE		PR-174 ESQ AVE LAUREL	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PRIME GRAPH		RD 830 KM 0.4	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PRO METAL MFG INC	Not Mapped	ST D LOT 104	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PROFFESIONAL IRON WORKS, INC	Not Mapped	420 CALLE E URB INDUSTRIAL MINILLAS LOT 8	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PROMOTIONAL PRINTING MFG CORP	Not Mapped	C 23 BLDG M800-1	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
PUCHOS AUTO AIR		CALLE 27 JJ2 RIVER VIEW	BAYAMON	BAYAMON	PR	00916	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUERTO RICO CONTAINER CO LIMITED		PR-2 KM 152 HATO TEJAS	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

PUERTO RICO CONTAINERS		PR-2 KM 15.2 URB INDUSTRIAL CORUJO HATO TEJAS	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUERTO RICO CONTAINERS		STATE ROAD 2, KM 15.2,	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PUERTO RICO HIGHWAY AND TRANSPORTATION AUTH		PR 28 CENTRAL JUANITA AVE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUERTO RICO INDUSTRIAL DEVELOP		PR-177 INT PR 174	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUERTO RICO NATIONAL CEMETERY		50 AVE CEMENTERIO NACIONAL	BAYAMON	BAYAMON	PR	00961-3887	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUERTO RICO SUPPLIES & PREMIUM BRANDS	Not Mapped	BA CANDELDRIA ARENA RD 866 KM 12.2 INT 865	BAYAMON	BAYAMON	PR	00922	Detailed Facility Report , MyEnvironment
PUERTO RICO TRANSPORTATION AND HIGHWAY AUTHORITY	Not Mapped	PR-2 FROM STA* 1+00.00 TO STA* 8+41.05	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
PUERTO RICO TRANSPORTATION AND HIGHWAY AUTHORITY	Not Mapped	PR-5 RIO HONDO CONNECTOR STA. 14+50.00 TO 31+60.0	BAYAMON	BAYAMON	PR	00922	Detailed Facility Report , MyEnvironment
PUERTO RICO USED OIL COLLECTORS		CALLE E EDFICIO 83	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PUMA - TO GO STORE		CARR #2, KM 8.3, MARGINAL JARDINES DE CAPARRA	BAYAMON	BAYAMON	PR	09959	Detailed Facility Report , MyEnvironment , Facility Coordinates
PUMA ENERGY CARIBE		CALLE LUCHETTI	BAYAMON	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PUMA ENERGY CARIBE (FORM CARIB PET REF)		PR 28 KM 20 LUCHETTI IND PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Cleanups in My Community , Enforcement and Compliance

PUMA ENERGY CARIBE LLC	🔎	LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
PUMA SERVICE STATION 736	🔎	PR-174 KM 2.0 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
RADIO AEROPUERTO INC	Not Mapped	CAMINO LOS VERGARA STA JUANITA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
RAMCO CHEMICALS INCORPORATED	🔎	83 CALLE E URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RAUL RIVERA ALVAREZ	Not Mapped	RD 864 - 49	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
RCM SHEET METAL CORP	🔎	450 CALLE E	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment , Facility Coordinates
REAL INVESTMENT	Not Mapped	SANTA ROSA MALL, RD #2	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
RELIANCE CARIBBEAN	🔎	PR RD 28 KM 0.5	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RELIANCE CARIBBEAN DIV. OF SUPERIOR PAINTS MFG. CO. INC.	🔎	LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
REMOLQUES DE PUERTO RICO INC	🔎	PR-167 KM 26.3	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RENE AUTO REPAIR	🔎	CALLE 1, B-16	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RESIDENCIA FAMILIA HERNANDEZ	🔎	COLOMBINA ST, LOMAS VERDES	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

REVLON AT LUIS GARRATON LLC		CARR 28 URB INDUSTRIAL LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
REXVILLE OPEN MRI RCT CENTER INC	Not Mapped	PR-167 KM 16.6 URB CANE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
REYNALDO OYALO		AVE. LOS MILONES ESQ. HIRAM GONZALEZ	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
RIO BAYAMON PLAZA		AVENIDA LOS FILTROS (PR-177),	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RIVER TOWN PLAZA		LOS FILTROS AVE. (PR-177),	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
RIVERA, LUZ	Not Mapped	H-14 15TH ST, JARDINES DE CAPARA	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment
RIVIERA COURT RSIDENTIAL PROJECT		ROAD PR-177, KM 2.2, JUAN SANCHEZ WARD	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ROBINSON TRANSMISSION		CARR 830 KM 1.3 CERRO GORDON	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ROGER ELECTRIC CO, INC		PR-5 MARGINAL LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
ROMERO & BUSOT		CARR 2 KM 14.4 HATO TEIAS	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates
ROMUTEC INDUSTRIAL AIR DUCTS CORP		ST E BLDG 1446-0-89-02	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ROMUTEE IND AIR DUCTS CORP		ST E BLDG M1446-08-89-02	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

RON EL BARRILITO DISTILLERY		CARR. 5, KM 1.6	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
ROSA DE LACRUZ	Not Mapped	305 WILLIAM ST BO STA JUANITA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment
ROYAL BANK DE PUERTO RICO		PR-174 KM 2 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
ROYAL TOWN STP		PASADENA ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SAMARITANO & CO	Not Mapped	BOULEVARD AVE LOT 1 B JUAN	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SAMS CLUB #4748		CARR 830 KM 0.1 BO CERRO GORDO	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SAMS CLUB #6680		1500 AVE COMERIO STE 1	BAYAMON	BAYAMON	PR	00961-3976	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SAMS CLUB #6680	Not Mapped	1500 AVE COMERIO STE 1	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
SAN PABLO PATHOLOGY GROUP		SANTA CRUZ ST 68 TORRE SAN PAB	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SANTA JUANITA SHELL SERVICE		LAUREL AVE ESPANA CORNER	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SANTA JUANITA STP		JORDANIA ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SANTA OLAYA		PR-829 KM 5.6 BO SANTA OLAYA	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates

SANTA ROSA III - PUMP STATION		CARR. 833, KM 12.0	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
SASITIO GARANTIZADO	Not Mapped	CARRERA II 167 ENTRADA	BAYAMON	BAYAMON	PR	00555	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SC JOHNSON PRODUCTS DISTRIBUTION CENTER AT LUIS GARRATON INC		CARR 28 AVENIDA CENTRAL JUANITA FINAL	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SCHNITZER PUERTO RICO DBA PONCE RESOURCES		RD PR 2 KM 7.7 HATO TEJAS WARD	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SCHNITZER PUERTO RICO, INC. - BAYAMON		ROAD PR-2 KM 7.7 CORUJO INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SEARS ROEBUCK DE PR INC 1915		AVE AGUAS BUENAS PR-2	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SERENA DEVELOPMENT	Not Mapped	PR-861 KM 1.0 PAJAROS WARD	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SERVICE ZONE	Not Mapped	LOT 2 AVE C PORTUARY ZONE	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SEVEN UP & RC BOTTLING, CO.		PR-177 KM 8.3 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD - ARTEMIO SS 804509		PR-2 KM 9.6	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD - MOBIL 167 SS 804479		PR-167 KM 18.5	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

SHELL CO PR LTD SS 0710 SANTA ANA		PR-2 KM 8.9 JUAN DOMINGO	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 1724 FOREST HILLS	Not Mapped	PR-167 & ST 15 CORNER OF	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 2410 COOP BUENA VISTA		PR-167 KM 15.4 BUENA VISTA	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 2518 SANTA MONICA	Not Mapped	PR-861 & STA JUANITA AVE	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 2577 SAN FERNANDO	Not Mapped	COMERIO ST & HERMANAS DAVILAS	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 2623 MINILLAS		PR-831 KM 2.5 MINILLAS WARD	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 2860 SANTA JUANITA		SANTA JUANITA AVE & HOSTOS ST	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 3026 COUNTRY ESTATES		PR-167 KM 20.7	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 3140 ROYAL PALM		LOMAS VERDES AVE & NOGAL ST	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 3182 RIVERVIEW	Not Mapped	PR-168 RIVERVIEW	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 3220 MIRAFLORES	Not Mapped	LOS DOMINICOS AVE & ST 25	BAYAMON	BAYAMON	PR	00610	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 3794 COMERIO	Not Mapped	COMERIO AVE & ST 31 CORNER OF	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

SHELL CO PR LTD SS 804436 MAGNOLIA	Not Mapped	PRINCIPAL AVE & ST 3 CORNER OF	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHELL CO PR LTD SS 804517 TORRES BAEZ		PR-167 KM 9.6	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHELL CO PR LTD SS 804959 SANTA ROSA	Not Mapped	SANTA ROSA SHOPPING CTR	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SHERWIN-WILLIAMS CO THE		PR-174 22 MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SHERWIN-WILLIAMS CO THE		PR-190 KM 0.8 MARGINELA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SIERRA BAYAMON		CARR. AVE. WEST MAIN INT. AVE. CMOERIO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
SILVERIO & SON TRANS	Not Mapped	URB CANA CALLE 22 BLDG 111	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SOILAX CARIBBEAN S A	Not Mapped	URB INDUSTRIAL CORUJO LOTE 2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SOLAR ENERGY RESOURCES		PR-2	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
STERICYCLE (DBA) SHREDIT BAYAMON PR		INDUSTRIAL MINILLAS, 449 CALLE E	BAYAMON	BAYAMON MUNICIPIO	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
STREET VENDOR CANTON MALL - JOSE RIVERA	Not Mapped	BETANCES ST (FRONT OF CANTON MALL)	BAYAMON	BAYAMON	PR	00957-	Detailed Facility Report , MyEnvironment
STRUCTURAL STEEL MFG INC	Not Mapped	RD B LOT 21	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

STRUCTURAL STEEL WORKS INC		RD B LOT 21 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
SUN COLORS DIGITAL GRAPHICS	Not Mapped	CALLE C LOT 36 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
SUPER TRUCK PARTS INC		PR-167 KM 20.5 BO LA ALDEO	BAYAMON	BAYAMON	PR	00958	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
T L C DISTRIBUTION CENTER	Not Mapped	EL TABANO ST LOT 2	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TALLER DAVID		CARR 29 KM 1.2 EXPRESO SIERRA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TALLER GUAYACAN INC	Not Mapped	305 CALLE D STE 6 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	009591906	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TECHNICAL TRANSMISSION		CARR #2 KM 19.6 BO CANDELARIA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TEEN CHALLENGE CLEANERS	Not Mapped	MARGINAL C-21 URB. STA. CRUZ	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TELEFONICA DE PUERTO RICO		CALLE 31 ESQ CALLE ARACENA	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TERRASSA CONCRETE INDUSTRIES #3	Not Mapped	PR 174 KM. 8.4 BO. GUARAGUAO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TERRASSA CONCRETE INDUSTRIES INC	Not Mapped	PR 853 KM 1.0 BO. TRUJILLO BAJO	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TEXACO PR - SANTA CRUZ SERVICE STATION	Not Mapped	PR-2 SANTA CRUZ ST	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance

TEXACO PR INC - SIERRA BAYAMON SS	Not Mapped	MAIN NORTH AVE C3 ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TEXACO PR INC LOMAS VERDES SS	Not Mapped	LOMAS VERDES AVE INTERS RD 174	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TEXACO PR INC MARIA DIAZ SS		PR-167 KM 9.8	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TEXACO PR INC ROYAL PALM SS		LOMAS VERDES AVE CORNER	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TEXACO PR INC SANTA JUANITA SS		SANTA JUANITA AVE & INDIA ST	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TEXACO PUERTO RICO INC - REXVILLE SS		PERIFERAL AVE CORNER WITH ST 9	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TEXACO SERVICE STATION #387	Not Mapped	AVE IRLANDA HTS 10MA SECCION	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TEXACO SERVICE STATION 252 - REPARTO FLAMINGO	Not Mapped	CENTRAL & PEPINO STS URB	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TIWI INCORPORATED		MARGINAL #6 FOREST HILLS	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TMX LTD	Not Mapped	CALLE A URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TNT PRINTING & GRAPHIC DESIGN INC	Not Mapped	410 ST E STE 4 MINILLES IND PARK	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TO GO STORE #16 - BAYAMON		AVE. MAGNOLIA, ESQ. CALLE 15	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates

TO GO STORES MAGNOLIA SANTA PAOLA OIL		CARR 5 MAGNOLIA AVE ESQ	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TOMAS C. ONGAY SCHOOL		PR-174 URB INDUSTRIAL MINILLAS	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates
TOMAS RODRIGUEZ		AVE. LOS MILIONES ESQ. HIRAM GONZALES	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 304008		CARR 167 ESQ CALLE ISLANDIA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 304140		PR-8855 CALLE DEGETAU	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 410127		CALLE SANTA CRUZ #25	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TRADEWIND FOODS, INC. (FORMERLY GOYA DE PUERTO RICO, ISLAND LITHO ISLAND CAN)		PR-28 LUCHETTI INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TRANSPORTE COLLAZO RIVERA		CARR 2 KM 16.2 HATO TEJAS	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TRANSPORTE VILLA ESPANA INC	Not Mapped	CARR NO 2 ESQ VILLA ESPANA	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TRISTANI RUBBER INDUSTRIES INC		NO. 26 CALLE C HWY. 2 KM. 15.1	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UCAR RESINAS CARIBE INC.		LUCHETTI IND PARK LOT 38 B ST	BAYAMON	BAYAMON	PR	009617499	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

UNILEVER OF PUERTO RICO		RD 2 KM 15.0 URB INDUSTRIAL DR	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UNION CAMP PUERTO RICO		PR2 KM 15.2 CORUIO INDUSTRIAL PARK	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
UNIVAR USA INC	Not Mapped	LOT L SHAPED - URB INDUSTRIAL CORUJO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
UNIVERSIDAD CENTRAL DE BAYAMON		ZAYA VERDE AVE	BAYAMON	BAYAMON	PR	00960-1725	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UNIVERSIDAD CENTRAL DEL CARIBE		100 AVE LAUREL SANTA JUANITA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UNIVERSIDAD CENTRAL DEL CARIBE - DEPT NEUROCIENCIA		2U-6 AVE LAUREL URB EXT LOMAS VERDE	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UNIVERSIDAD INTERAMERICANA		RD 830 NO 500	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UNKNOWN	Not Mapped	UNKNOWN	BAYAMON	BAYAMON MUNICIPIO	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
UPJOHN INTER AMERICAN CORP PR BRANCH		BAYAMON OESTE SHOPPING CTR	BAYAMON	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
UPR-BAYAMON CAMPUS		PR-174 URB INDUSTRIAL MINILLAS 170	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
US GEOLOGICAL SURVEY WRD		LUCHETTI INDUSTRIAL PARK, B STREET LOT 38	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

USARC - 1LT PAUL LAVERGNE		PR-167 KM 5.0 HYW 8	BAYAMON	BAYAMON	PR	00936-0350	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
V SUAREZ & COMPANY		300 RD PR-5 INDUSTRIAL LUCHETTI	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
VALLES DE SANTA OLAYA	Not Mapped	STATE ROAD 830, SANTA OLAYA	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
VELEZ PUERTO RICO SUPER STATION		25 SANTA CLARA ST	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
VICTORIAS SECRET 1653		269 W MAIN AVE STE 1800	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
VIRGINIA CHEMICAL CORP/LUCHETTI IND PK	Not Mapped	RD. #28, CORNER STREET B	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
VISTA COLOR		RD 174 BLDG 149	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
VISTA COLOR	Not Mapped	MINALLAS INDUSTRIAL PK, ROAD 174 BLDG 9	BAYAMON	BAYAMON	PR	00959-	Detailed Facility Report , MyEnvironment
VISUAL IMPRESIONS PR	Not Mapped	I-9 BETANCES AVE	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
WALGREEN #289		350 CARR 830	BAYAMON	BAYAMON	PR	00957-6836	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS		CARR 2 KM 14.1 DRIVE INN PLZ	BAYAMON	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS #11430 RIO HONDO		70 AVE RIO HONDO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

WALGREENS #380		4699 RR 5	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS #380	Not Mapped	4699 RR 5	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment
WALGREENS #851		550 CARRETERRA #167 PLAZA TROPICAL	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS #851		550 CARRETERRA #167 PLAZA TROPICAL	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
WALGREENS 059		CARR 2 BAYAMON OESTG SHOP CTR	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS 061	Not Mapped	RD 2 CORNER	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
WALGREENS 157		AVE LAURELL & ALAMEDA G1	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS 235	Not Mapped	PLZ RIO HONDO DE DIEGO EXPWY	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
WALGREENS 714	Not Mapped	CARR 167 & ESQ LOS MILLONES	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
WALGREENS 797		CARR 167 & AVE LAS CUMBRES	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS CO #289		350 RD 830	BAYAMON	BAYAMON	PR	00957	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALGREENS STORE #12653		AVE HOSTOS ESQ CARR 831	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

WALGREENS STORE #714		1000 RAMON LUIS RIVERA AVE SUITE 2	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALLACE REALTY, INC.		AGUAS BUENAS AVE., LOT 12 #28, URB. SANTA ROSA	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
WALMART #2501		725 W MAIN AVE STE 100	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WALMART FIXTURES WAREHOUSE 8519	Not Mapped	URB INDUSTRIAL CORUJO	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
WALMART ONE HOUR PHOTO LAB 2501		501 W MAIN AVE SIERRA BAYAMON	BAYAMON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WESTERN AUTO		CARR 2 - BAYAMON OESTE SC	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WESTERN AUTO		CARR 167 & PR 29 PLAZOLETA	BAYAMON	BAYAMON	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
WESTERN AUTO #8148		RD #2 CORNER 179 LOCAL #8	BAYAMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
COSTCO WEST BAYAMON		2399 ROUTE #2 (PR-2, KM 15.5)	BAYAMON HATO TEJAS WARD	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
COSTCO EAST BAYAMON		125 CALLE A	BAYAMON PQUE IND MINILLA	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
CANTERA DORADO, INC.	Not Mapped	BOX 4217, BAYAMÓN GARDENS STA.	BAYAMÓN	BAYAMON	PR	00958-1217	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
MUNICIPALITY OF BAYAMÓN		STATE ROAD #2, KM. 3.4	BAYAMÓN	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance

OLES ENVELOPES & FORMS - WAREHOUSE		340 CALLE D	BAYAMÓN	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
OLES ENVELOPES & FORMS, INC.		350 CALLE D	BAYAMÓN	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PROFESSIONAL READY MIX, INC.		ROAD PR 167 LA CAMBIJA WARD	BAYAMÓN	BAYAMON MUNICIPIO	PR	00956	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TRADEWIND FOODS, INC.		ROAD PR-5, CORNER PR-28, LUCHETTI INDUSTRIAL PARK	BAYAMÓN	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TO GO STORE - BAYAMON		CARR 2, KM 12.1, IND. CORREA	BAYMAON	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
KINGDOM PACKING		CALLE 3 LOTS 11 & 12 HATO TEJAS	BAYMON	BAYAMON	PR	00959	Detailed Facility Report , MyEnvironment , Facility Coordinates
AMERICAN CHEMICAL CORP		PR-167 KM 26.3 URB INDUSTRIAL LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
B FERNANDEZ & HERMANOS, INC		CALLE B (END) URB INDUSTRIAL LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates
BAYAMON STEEL PROCESSORS INC		CALLE B URB INDUSTRIAL LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
CALDER/VIRGINIA CHEMICAL CORP		PR-28 & CALLE B URB INDUSTRIAL LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates
FISCO GROUP		CARR 28 & CARR 5 URB INDUSTRIAL LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates
FORTIFLEX, INC		CARR 28 & CALLE D URB IND LUCHETTI	CATANO	BAYAMON	PR	00963	Detailed Facility Report , MyEnvironment , Facility Coordinates

ISLAND PETROLEUM PRODUCTS, INC	Not Mapped	PR-869 KM 5.0 URB IND LAS PALMAS	CATANO	BAYAMON	PR	00962	Detailed Facility Report , MyEnvironment
BAYAMON WWTP	🔎	ROAD # 869, KM 2.9, PALMAS WARD	CATAÑO	BAYAMON	PR	00962	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
HD SUPPLY FACILITIES MAINTENANCE LTD #2625	🔎	CALLE C LOT 3 CORUJO INDUSTRIAL PARK	GUAYNABO	BAYAMON	PR	00965	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
PETROLEUM PRODUCTS SUPPLY, LLC	🔎	ROAD 165, KM. 2.4	GUAYNABO	BAYAMON	PR	00965	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
TRISTANI RUBBER INDUSTRIES, INC	🔎	ROAD NO 2, KM 15.1	HATO TEJAS	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
ECOLAB MANUFACTURING INC.	Not Mapped	28 LOTE 13-A	INDUSTRIAL LUCHETTI	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
ANTILLES ELECTROPLATING INC	Not Mapped	"D" STREET	INDUSTRIAL MINILLAS	BAYAMON	PR	00960	Detailed Facility Report , MyEnvironment
INDUSTRIAL INVESTMENT, LLC	🔎	BUCHANAN ROAD, LUCCHETTI INDUSTRIAL PARK	JUAN S[?]N	BAYAMON MUNICIPIO	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON STEEL PROCESSORS	Not Mapped	STATE ROAD #28, LOT 30-B	LUCHETTI IND. PARK	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment
COATINGS INCORPORATED AND COMPANY	🔎	85 E STREET, MINILLAS INDUSTRIAL PARK	MINILLAS WARD	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates
LUNA PAINTS	🔎	URB INDUSTRIAL MINILLAS D STREET	MINILLAS WARD	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates
FORT BUCHANAN - AREA MAINTENANCE SUPPORT ACTIVITY	Not Mapped	PR-26 KM 0.1 BLDG 653	PORT BUCHANAN	BAYAMON	PR	009347000	Detailed Facility Report , MyEnvironment , Enforcement and Compliance
TRANSPORTE SABANA SECA INC	🔎	RD 866 KM 3.2	SABANA SECA	BAYAMON	PR	00952	Detailed Facility Report , MyEnvironment , Facility Coordinates , Enforcement and Compliance
BAYAMON REGIONAL SEWAGE TREATMENT PLANT	🔎	CUPEY STREET	TOA BAJA	BAYAMON	PR	00619	Detailed Facility Report , MyEnvironment , Facility Coordinates

TO GO STORE # 34		CALLE PERIFERAR	URB. REXVILLE ESQ. SAN SEBASTIAN	BAYAMON	PR	00961	Detailed Facility Report , MyEnvironment , Facility Coordinates
BO NUEVO	Not Mapped			BAYAMON	PR		Detailed Facility Report
HIMA SAN PABLO BAYAMON				BAYAMON	PR		Detailed Facility Report , MyEnvironment , Facility Coordinates

Go To Top Of The Page

Total Number of Facilities Displayed: 564

Last updated on September 24, 2015

PRIVILEGED AND CONFIDENTIAL

APPENDIX 7

RESUMES OF ENVIRONMENTAL PROFESSIONALS

RESUME OF
RAÚL COLÓN VICENTY
PRINCIPAL ENGINEER

EDUCATION

University of Puerto Rico
Mayaguez Campus - B. S., Civil Engineering, 1975
Mayaguez Campus - M. S., Civil Engineering, 1977

PROFESSIONAL AFFILIATIONS

College of Engineers and Surveyors of Puerto Rico
American Institute of Hydrology
American Society of Civil Engineers
Environmental Assessment Association
National Groundwater Association

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Professional Engineer in Puerto Rico, License 8119
Professional Hydrologist, AIH, Certification No. 674
Certified Environmental Specialist, Environmental Assessment Association, Certification No. 13969
Certified Environmental Consultant, Environmental Assessment Association, Certification No.13969

CAREER SUMMARY

Mr. Colón has more than 45 years of experience in Water Resources and Environmental Engineering. Mr. Colon is a registered Engineer with the College of Engineers and Surveyors of Puerto Rico and a certified Professional Hydrologist with the American Institute of Hydrology. Mr. Colón has been involved in a variety of water resources and environmental projects including surface and ground water hydrologic investigations as well as soil and groundwater contamination assessments and remediation projects. Mr. Colón has also conducted several groundwater/soil pollution investigations associated with hydrocarbon products and Dense Non-Aqueous Phase Liquids (DNAPLs). He has conducted dam safety investigations, hydrologic/hydraulic studies for a variety of projects, bridge scouring evaluations, sediment transport studies, real time flood forecasting projects in Puerto Rico and the United States, due diligence site evaluations, environmental site assessments, environmental compliance audits, environmental permitting projects and hazardous waste characterizations. Mr. Colón is very familiar with the Federal Emergency Management (FEMA) Flood Insurance Program, since its beginnings in the late 1970's. He conducted several Flood Insurance Studies in Puerto Rico and the United States. These studies included the hydrologic and hydraulic evaluations as well as the preparation of the base maps used by FEMA for the development of the flood maps and flood insurance rate maps published in the Flood Insurance Studies. Eng. Colón has participated in several expert witness cases and has been named as the Court Special Commissioner in three court cases in the Mayaguez, Carolina and Aguadilla Courts.

CONTINUING EDUCATION SEMINARS

"PFAS Transport, Fate, and Remediation: Understanding and Managing Per- and Polyfluoroalkyl Substances in Soil, Surface Water, and Groundwater", October 16-17, 2024, 8 A.M. to 5 P.M. (2 Days), Eric McWayne, National Environmental Management Academy.

"Planes de Control Temporero de Tráfico para Carreteras", UPR Mayaguez Centro de Transferencia de Tecnología en Transportación, August 1-2, 2018

"ASTM 1527-13 Standard for Environmental Site Assessments for Commercial Real Estate", ASTM Technical Training and E- Learning, October 7-8, 2014

"EPA's 2012 Construction General Permit (CGP)", US EPA Stormwater Program's Webcast Series, March 15, 2012

"Two Experts Share Data on Vapor Intrusion in the Real World", Environmental Data Resources, Inc., February 7, 2012

"The Remediation Course, 38 hour continuing education course", Princeton Groundwater, Inc., October 24-28, 2011

"Debida Diligencia Ambiental y Efectos en la Compraventa y Ocupación de Propiedades en Puerto Rico", CIAPR and AIDIS, August 11, 2011

"Nuevo Sistema de Permisos: Reglamento Conjunto de Permisos para Obras de Construcción y Usos de Terrenos", CIAPR, March 18, 2011.

"Cambios Recientes a Leyes y Reglamentos Ambientales y Propuestas Inmediatas de Energia Verde", CIAPR and AIDIS, October 29, 2009.

"Plan para Agilizar los Permisos en Puerto Rico", CIAPR and AIDIS, June 25, 2009.

2008 Final NPDES General Permit for Storm Water Discharges from Industrial Activities, CIAPR and AIDIS, November 20, 2008.

Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions, ASTM International, April 29, 2008

HEC-RAS for Unsteady Flow Applications, American Society of Civil Engineers, Atlanta, GA, September 12-14, 2007.

Streambank Stabilization for Restoration and Flood Control Projects, July 25-27, 2007, American Society of Civil Engineers, Charlotte North Carolina.

"Implantación del Nuevo Permiso General Consolidado de la Junta de Calidad Ambiental de Puerto Rico", College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 30, 2007.

Fundamentals of Spray Polyurethane Foam and Covering Systems for the Independent Inspector, Spray Polyurethane Foam Alliance, Tampa, Florida, February 22, 2007.

Environmental Site Assessments for Commercial Real Estate, ASTM Standard E-1527-05 and EPA All Appropriate Inquiry Rule, ASTM Training Course, Orlando, Florida, April 25-26, 2006.

Storm Water Management and Site Solution Workshop, College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 6, 2006.

Design and Implementation of Effective Soil Gas Monitoring and Sampling Programs, The Nielsen Environmental Field School, Columbus, Ohio, November 29, 2005.

"Como queda el Ambiente con la Nueva Ley Núm. 416 sobre Política Pública Ambiental", Collage of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, April 28, 2005.

Hydrologic Modeling Using HEC-HMS Computer Model, American Society of Civil Engineers, San Diego, California, February 24-25, 2005

Micropurge Low-Flow Purging and Groundwater Sampling, The Nielsen Environmental Field School, Tampa Florida, March 12, 2004

Risk-Based Corrective Action at Petroleum Release Sites, ASTM Standard E1739, Sponsored by the ASTM, Lansing, Michigan, May 13-14, 2003.

Hydrogeology of Fracture Rock: Characterization, Monitoring, Assessment and Remediation, Niagara Falls, NY, December 2-5, 2002.

"Reglamentación Actual para el Tratamiento de las Aguas de Escorrentías", College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico, November 26, 2002.

National Pollutant Discharge Elimination System – Storm Water Regulations and NPDES Permit Seminar, Sponsored by the Environmental Protection Agency (EPA), San Juan, Puerto Rico, November 8, 2002.

Improving Hydrogeologic Analysis of Fracture Bedrock Systems, 2002 Workshop, University of Massachusetts (UMASS), Amherst, Massachusetts, June 18 and 19, 2002.

Highway Traffic Noise Workshop, Sponsored by The Federal Highway Administration and the P.R. Highway and Transportation Authority, San Juan Puerto Rico, June 12-14, 2001

EPA Storm Water Management Model (SWMM) Training Course, Sponsored by Camp Dresser & McKee, Edison New Jersey, May 3-5, 2001

"Seminario sobre Nuevo Permiso Federal para Descargas de Aguas de Escorrentia y Desarrollos Recientes en Reglamentación Ambiental", AIDIS/CIAPR, San Juan, Puerto Rico, May 2, 2000.

Phase II Environmental Site Assessment Process - ASTM E 1903 Standard Guide, ASTM Technical & Professional Training, New York, NY, September 14-15, 1999

Environmental Site Characterization, ASTM Technical and Professional Training in the Performance, Use and Application of ASTM Standards, Orlando Florida, August 13-14, 1998

Field Based Site Characterization Technologies - Short Course, U.S. Environmental Protection Agency's Technology Innovation Office, Westborough, MA, March 30, 1998

HEC-RAS for Experienced HEC-2 Users, Center for Research in Water Resources, The University of Texas at Austin, March 23-25, 1998.

EPA Brownfields Workshop, Sponsored by PRIDCO, San Juan, Puerto Rico, January 29, 1998.

Brownfields 97 Conference, Sponsored by the EPA, Kansas City, Mo., September 3-5, 1997.

Sedimentation in Stream Networks Training Seminar Using the HEC-6 Computer Model, by William A. Thomas, Mobile Boundary hydraulics, May 3 - 5, 1995

Fundamentals of Puerto Rico Environmental Law Compliance, Government Institutes Inc., April 1992.

Project Management, Law Environmental, Inc., Kennesaw, Georgia, May 1989.

Liability and Loss Prevention, Law Environmental Inc.; December 1988.

OSHA Health and Safety 40 Hrs. Training and OSHA Refresher Courses on a yearly basis, April 1988.

Mitigation of Hazard Due to Extreme Natural Events in America; University of Puerto Rico - Mayaguez Campus; January 20-22, 1987.

Unsteady Flow Modeling Using DAMBRK and DWOPER Computer Models - University of Texas at Austin; October 6-10, 1986.

Computer Applications in Water Resources; Sponsored by the ASCE; Buffalo, New York; June 1985.

Dam Safety Seminar, Application of DAMBRK and HEC-1 Models in the Analysis of Flood Waves Produced by Dam Failure; Sponsored by the Federal Emergency Management Agency (FEMA); Atlanta, Georgia; May 1984.

Project Management for Architectural and Engineering Firms; Sponsored by the Institute of Chemical Engineers, College of Engineers and Surveyors of P. R. - April 1981.

Pumps and Piping Systems; Design and Maintenance, Sponsored by the Institute of Mechanical Engineers, College of Engineers and Surveyors of P.R.; March 1981

Flood Plain Hydraulics by Application of HEC-2 Model; University of Texas at Austin; April 1979.

Small Wastewater Treatment Systems and Sludge Treatment and Disposal; Sponsored by the Environmental Protection Agency (EPA); San Juan, Puerto Rico; February 1978.

LIST OF PROFESSIONAL PUBLICATIONS

Colón R., Wallace J.R., Olson R.W. and Massey K. L.,"Flood Forecasting - An Alternate Response for PMF at the Saluda Dam, Proceedings of the American Power Conference, Chicago, Illinois, April 1989.
Editor for the Puerto Rico Water Resources Association Bulletin, 1988.

Raúl Colón and George F. McMahon, "BRASS Model: Application to Savannah River Reservoir System", ASCE - Journal of Water Resources Planning and Management, Vol. 113, No. 2 March 1987.

Raúl Colón; Robert Olson and James R. Wallace; "Increasing Revenues of Existing Hydro Power Reservoirs", A Law Environmental professional publication, September 1987.

Bras, R. L. and Colon R., "Time Average Areal Mean of Precipitation: Estimation and Network Design, Water Resources Research, Volume 14 - No. 5, October 1978.

LIST OF TECHNICAL PRESENTATIONS

Seminario Ambiental (Legal y Técnico) "Debida Diligencia Ambiental y Efectos en la Compraventa y Ocupación de Propiedades en Puerto Rico", CIAPR and AIDIS, August 2011 and July 2012.

Site Assessment Techniques and Technologies for Brownfields, Brownfields Pilot Program, Technical Session, Sponsored by PR Industrial Development Company, February 3, 1999

Flood Forecasting - An Alternate Response for PMF at the Saluda Dam";5lth Power Conference, Chicago, Illinois; April 25, 1989.

Dam Safety Studies - A General Overview; Presentation given at the College of Engineers and Surveyor s of Puerto Rico; Sponsored by APRA; February 3, 1989

Flood Forecasting- Basic Elements; Presentation given at the Puerto Rico' s Fourth Hurricane Conference; Sponsored by the Department of Natural Resources; Caribe Hilton Hotel; June 15, 1988.

Moderator for the APRA Seminar; "Hazardous Wastes in Puerto Rico: Impact in Water Resources, College of Engineers and Surveyors of Puerto Rico; April 15, 1988.

Bolivia's Rio Mamore and Rio Parapeti: Flood Forecasting and Sedimentation Control Projects presentation given to the Puerto Rico' s Speleology Society, March 4, 1988, San Juan, Puerto Rico.

Dynamics of Ground Water Contamination - A typical case study for Puerto Rico, presentation given to the P. R. Industrial Development Company as part of a Real Estate Transactions Seminar, February 1988.

Dynamics and Control of Aquifer Contamination - APRA Symposium June 1987, San Juan, Puerto Rico.

Brass Model Applications - presentation given as part of the Seminar: Unsteady Flow Modeling Using DAMBRK and DWOPER Computer Models, October 6-10, 1986, Austin, Texas.

Basin Runoff and Stream flow Simulation Model Workshop; presentation given to the Army Corps of Engineers Savannah District, October 16, 1984, Savannah, Georgia.

LIST OF PROJECTS

The following list shows a representative sample of Mr. Colón's professional work experience throughout his professional career.

EXPERT WITNESS PROJECTS

- Expert Witness consultation - Papelera Puertorriqueña Superfund Site, Utuado Puerto Rico, ongoing.
- Expert Witness consultation – San German Superfund Site, San German Puerto Rico, ongoing.
- Expert Witness consultation – Cabo Rojo Superfund Site, Cabo Rojo Puerto Rico, ongoing.
- Expert Witness - CIVIL CASE NO. 07-CIV-10470 MTBE PRODUCTS LIABILITY LITIGATION COMMONWEALTH OF PUERTO RICO, ET.AL V. SHELL OIL CO., ET.AL – on going
- Expert Witness - Informe Estudio Hidrológico-Hidráulico, Demanda Caso Vertedero de Toa Alta, Toa Alta, Puerto Rico, Caso Civil: DDP12-0278(402) – May 2024
- Expert Witness – MTBE Case - CIVIL CASE NO. 07-CIV-10470, MTBE PRODUCTS LIABILITY LITIGATION, COMMONWEALTH OF PUERTO RICO, ET.AL V. SHELL OIL CO., ET.AL – On going
- Expert Witness consultation – Cidra Superfund Site, Cidra Puerto Rico, 2015.
- Expert Witness – Court Special Commissioner Aguadilla Court– Anel Guzman Urbina V. Victor Bellaflores Hernandez, Aguadilla – July 2012
- Expert Witness – Court Special Commissioner Carolina Court - Blasina Lagoon Contamination, Municipio de Carolina V. Autoridad de Acueductos y Alcantarillados, Carolina – June 2010.
- Expert Witness – Court Special Commissioner Mayaguez Court – PCB Horizon Hazardous Wastes Site, San German Puerto Rico, PRIDCO v. PCB Horizon, July 2008.
- Expert Consultation Groundwater Contamination with Dense Non-Aqueous Phase Liquids (DNAPLs), Puerto Rico Industrial Development Company GE Palmer, Rio Grande, Puerto Rico, 2010.
- Expert Witness – MAPFRE PRAICO Insurance Company V. Sucesion de Jesus Guzman, et. al., Bayamon (McV/Shell/Sol).
- Expert Witness - Supermercados Econo Facundo V. Esso, Site Contamination Assessment in Carolina, 2007.
- Expert Witness Court Case - Loco Dam 1987 Flood Impact on Agricultural Properties Downstream, Guanica, Puerto Rico, March 2007.
- Expert Witness – Eloina Colon v Shell Company Puerto Rico, Mayaguez, January 2007.
- Expert Witness Court Case - Palmas Doradas Developers V. Treasury Point, Dorado, Groundwater Impact by Sanitary Waste Waters, October 2006.

- Expert Witness Court Case – Rio Guamani Guayama Flood, Villa Monte Río y la Academia Regional Adventista del Sur V. Municipio de Guayama, Guayama, June 2006.
- Expert Witness Court Case - Isla del Rio Corco Tallaboa site, Peñuelas, Puerto Rico, December 2005.
- Expert Witness - Hydrologic and Hydraulic Study, Undeveloped lot, Proposed Toyota Facility, Cataño, Puerto Rico, November 2004.
- Expert Witness Court Case - Iglesia Defensores de la Fe, Bayamón Puerto Rico, Surface Hydrology/Hydraulics, October 2004.
- Expert Witness – Felix Albert hydrologic/hydraulic impacts of construction activities adjacent to his residence, Guaynabo, Puerto Rico, November 2003.
- Expert Witness, WORA TV Hacienda Igualdad, Guanica, Puerto Rico, March 2003
- Expert Witness - Alta Vista Development Court Case V. Orchid Paradise, Mayaguez, Surface Hydrology/Hydraulics, March 2003.
- Expert Witness - Hydrogeologic Impacts of Proposed Regional Landfill in Salinas, Puerto Rico, 2002.

HYDROLOGY AND HYDRAULICS

Surface Hydrology/Hydraulics

- Hydrologic Assessments for bridges in Puerto Rico impacted by the Irma and Maria Hurricanes, Project PR ST FEMA PR Contract C3, On-going
- Hydrologic/Hydraulic Study for the proposed Flamboyán Village Residential project, Caguas, Puerto Rico, On-going
- Hydrologic/Hydraulic Study for the proposed Rio Village Residential project, Trujillo Alto, Puerto Rico, On-going
- Hydrologic/Hydraulic Study for locations in Isabela, Las Marias, and Barranquitas, Puerto Rico for the Landslides and Road Damage PRHTA Emergency Relief Program, On-going
- Hydrologic/Hydraulic Study for the AES Guayama facility, Guayama, Puerto Rico, On-going
- Hydrologic/Hydraulic Study for the Bacardi facility, Guaynabo, Puerto Rico, 2017
- Hydrologic/Hydraulic Study for the Cayey Municipal Landfill, Cayey, Puerto Rico, January 2017
- Hydrologic/Hydraulic Study for the proposed One Planet Solar Farm, Vega Baja, UNIPRO, 2015.
- Hydrologic/Hydraulic Study for the Cooper Vision industrial facility, Juana Diaz, Puerto Rico, December 2015
- Hydrologic/Hydraulic Study for the proposed commercial development to be located in Caguas, Puerto Rico, July 2014
- Hydrologic/Hydraulic Study for the Quebrada Prieta and Pueblo Indio Sectors as requested by FEMA, Canovanas, Puerto Rico, June 2013
- Preliminary Hydrologic/Hydraulic Evaluation for the Solar PV Generating Plant Project, San German, Puerto Rico, July 2013
- Hydrologic/Hydraulic Study for the Alternate Temporary Channel/Rio La Plata Flood Control Project, Dorado, Puerto Rico, Construcciones Jose Carro, S.E., October 2011
- Hydrologic/Hydraulic Study for the Turabo River, Caguas, Puerto Rico, as requested by the Puerto Rico Highway and Transportation Authority, September 2012.

- Hydrologic/Hydraulic Study for the AD Bayamon site owned by Mendez & Co., Bayamon, Puerto Rico, 2008.
- Hydrologic/Hydraulic Study for a proposed Mixed-Uses Development Complex, LAIF LLC, Guaynabo, Puerto Rico, 2009
- Hydrologic/Hydraulic Study for a proposed Universal Insurance facility as requested by Sierra Cardona Ferrer, Hatillo, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study, Villa Franca Residential Development, Palmas del Mar, Humacao, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Las Americas Technology Industrial Park, Moca, Puerto Rico, January 2007.
- Hydrologic/Hydraulic Study for a Camaseyes parcel of land, Aguadilla, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study for La Vereda Residential Development, Chupacallos Ward, Ceiba, Puerto Rico, 2007.
- Hydrologic/Hydraulic Study for the proposed Redemptorists Fathers Notre Dame School, Caguas, Puerto Rico, 2007.
- Hydrologic and Hydraulic Study for the Degetau Avenue to the Turabo River and FEMA Conditional Letter of Map Revision Request, Caguas, Puerto Rico, June 2005.
- Hydrologic/Hydraulic Study Betteroads Cupey Facility, San Juan, Puerto Rico, April 2006.
- Hydrologic/Hydraulic Study Jardin Central Residential Development, Humacao, Puerto Rico, June 2005.
- Hydrologic/Hydraulic Study La Hacienda Residential Development, Caguas Puerto Rico, October 2004.
- Hydrologic/Hydraulic Study Villa Franca Residential Development, Palmas del Mar, Humacao, Puerto Rico, January 2004.
- Hydrologic and Hydraulic Study for the IPR Pharmaceuticals new facilities, Canovanas, Puerto Rico, July 2004.
- Hydrologic and Hydraulic Study, Ariel Rivera Supermarket, Jayuya, Puerto Rico, June 2002
- Hydrologic and Hydraulic Study, Sun Bay Recreational Complex, Vieques, Puerto Rico, March 2003
- Hydrologic and Hydraulic Study, Villas de Montecielo Residential Development, Guaynabo, Puerto Rico, September 2009.
- Hydrologic and Hydraulic Study, Blasina Estates Residential Development, Carolina, Puerto Rico, October 2001.
- Hydrologic and Hydraulic Study, Aventura Residential Development, Gurabo, Puerto Rico, December 2003
- Sinkhole Hydrologic and Hydraulic Study, School Development, Florida, Puerto Rico, November 1999
- Sinkhole Hydrologic and Hydraulic Study, Residential Development, Barceloneta, Puerto Rico, November 1999
- Sinkhole Hydraulic Capacity Study, School Development, Isabela, Puerto Rico, December 1999
- Hydrologic and Hydraulic Study, School Development, Culebra, Puerto Rico, October 1999
- Hydrologic and Hydraulic Study, Paseo del Prado Residential Development, Barceloneta, Puerto Rico, January 1999
- Hydrologic and Hydraulic Study, Commercial and Residential Complex Development, Bayamon, Puerto Rico, July 1999

- Hydraulic and Bridge Scouring Study, Tren Urbano Bridge Over Bayamón River, January 2005.
- Hydrologic and Hydraulic Study, Tren Urbano Dowels Manufacturing Facility, Bayamón, June 1997
- Unsteady Flow Hydraulic Study, San Juan Emergency Center Complex, Caño Martin Peña, Santurce, Puerto Rico, January 1998
- Hydrologic Study PR-10 Road Sinkholes 2N, 5N, 6 and 7 Utuado, Puerto Rico, December 1996
- Hydraulic and Sediment Transport Study, - PR-151 Bridge Over Jacaguas River, Villalba, Puerto Rico, January 1996
- Hydrologic/Hydraulic Study PR Road 140 Relocation Project - Cancel Creek, Bayamón, Puerto Rico, August 1995
- Unsteady State Flow Modeling - Piñero Avenue Site, Rio Piedras, Puerto Rico, March 1995
- Sinkhole Capacity Evaluation - Proposed Public School Development, Florida, Puerto Rico, September 1994
- Hydrologic/Hydraulic Study - Valle Húcares Residential Development, Juana Diaz, Puerto Rico, July 1994
- Hydrologic Study for Sinkhole Area - Proposed Police Station Development, Florida, Puerto Rico, July 1994
- Hydrologic/Hydraulic Study - Elite Valley Development, Mayaguez, Puerto Rico, March 1993
- Hydrologic/Hydraulic Study - La Matilde Residential Development, Ponce, Puerto Rico, August 1993
- Hydrologic Study Hacienda Lubamex, Manati, Puerto Rico, October 1993
- Hydrologic Study Sinkhole at PR De Diego Expressway, Bayamón, Puerto Rico, December 1993
- Preliminary and Final Design Embankment and Spillway Rehabilitation Project Carite Dam, Puerto Rico Electric Power Authority, Cayey - Guayama, Puerto Rico, April 1989
- Hydrologic/Hydraulic Studies for Drainage System Design - PR Road 9, Ponce, Puerto Rico, August 1992
- Hydrologic/Hydraulic Study - Los Caobos Residential Development, Ponce, Puerto Rico, April 1992
- Wave Height Study - Proposed COGENTRIX C0- Generation Facility, Mayaguez, Puerto Rico, December 1992
- Unsteady Flow Hydraulic Simulation Tivoli Building Complex Development, Hato Rey, Puerto Rico, May 1992
- Real Time Flood Forecasting BRASS Model for the Carraiso Dam, Trujillo Alto, Puerto Rico, March 1991
- Dam Safety Investigation - Carite Dam, Puerto Rico Electric Power Authority, Cayey - Guayama, Puerto Rico, April 1989
- Preliminary and Final Design Melania Dam Rehabilitation Project, Guayama, Puerto Rico; November 1989
- Unsteady State Hydraulic Study for Parque de Loyola Development Hato Rey, Puerto Rico, May 1989
- Unsteady Flow Hydraulic Simulation San Ignacio Building Complex Development, Hato Rey, Puerto Rico, May 1989

- Melania Reservoir Dam Safety Investigation and Dam Rehabilitation Project, Guayama, Puerto Rico; December 1988.
- Unsteady State Flow Simulation Study for the Caguas Central Federal Bank Building Complex, Pueblo Viejo Suburb, Guaynabo, Puerto Rico; June 1988.
- Unsteady State Hydraulic Study for Luis Muñoz Marin Park Phase II- San Juan, Puerto Rico, December 1987.
- Flood Forecasting System Strategy - Rio Mamore Watershed - Bolivia, South America, December 1987.
- Erosion Control Management Plan for the Rio Parapeti Watershed - Bolivia, South America, December 1987.
- Basin Runoff and Streamflow Computer Model Simulation -Clarks Hill Reservoir Drainage Basin, Savannah River, Georgia - South Carolina; September 1984
- Basin Runoff and Streamflow Computer Model Database Development - Hartwell Reservoir Drainage Basin, Savannah River, Georgia - South Carolina - North Carolina; December 1983
- Savannah River Dam Safety Plan, June 1985.
- Flood Frequency Evaluation for the Etowah River Downstream of the Allatoona Dam, Bartow County, Georgia, 1985.
- Flood plain Study for Trobridge Development, Fulton County, Georgia; September 1985.
- Bridge Sizing Study for Turkey Creek - Rivermist Development, Gwinnett County, Georgia, March 1984.
- Hydrologic Study for Overlook at Riverview II - Cobb County, Georgia; June 1983
- Wave Height Study and Dune Enhancement Program f or Broadmoor Towers II-Baldwin County, Alabama; June 1984.
- Hydrologic Study for Weatherstone Development - Dekalb County, Georgia; May 1983
- Hydrologic Study for Townsend Place Condominiums Greystone Office Condominiums - Fulton County, Georgia; October 1983.
- Flood Insurance Study - Unincorporated Areas Chatham County, Georgia; Federal Emergency Management Agency; February 1984.
- Hydrologic Study for Martin' s Landing Condominiums - Fulton County, Georgia; May 1983
- Hydrologic Study for Morgan' s Ferry - Fulton County, Georgia; January 1983.
- Wave Heights Study for Perdido Key Beach Condominiums - Baldwin County, Alabama; October 1983.
- Unsteady Flow Modeling Ocmulgee River - Bibb, Jones Counties, Georgia; August 1986.
- Hydrologic Study for Indian Trail Development - Gwinnett County, Georgia; May 1983.
- V-Zone Location and Delineation for Perdido Key Hilton Hotel Site - Baldwin County, Alabama; February 1984.
- Flood Insurance Study - Unincorporated Areas Charleston County, South Carolina; Federal Emergency Management Agency; May 1984.
- Flood Control Study Lawson' s Fork Creek - Spartanburg, South Carolina; February 1986
- Hydrologic Study for Long Island Square, Phase II - Fulton County, Georgia; June 1983.
- Flood Plain Study for Boy Scout Lake Apartments - Richmond County, Georgia; March 1984.
- Bridge Sizing Study for Bear Creek, South Fulton Highway - Fulton County, Georgia; May 1986.
- Drainage Study for Beltway 8 - Houston Texas; December 1985.

- Flood Insurance Studies for Eleven Water sheds in Puerto Rico Including Jacaguas, Piedras, Culebrinas, Camuy, Blanco, Daguao, Mameyes, Fajardo, Inabon, and Anton Ruiz Rivers; Federal Emergency Management Agency; 1979 to 1982.

Groundwater Hydrology/Hydrogeology

- Groundwater Sampling, Brownfields Hazardous and Petroleum sites at the Enlace del Caño Martin Peña, San Juan, Puerto Rico, On-going
- Groundwater Sampling at Metro Pavia Hato Rey Hospital, San Juan, Puerto Rico, 2019
- Groundwater Sampling, Parking Lot Identified as Parcel B, Martin Peña Sector, Santurce Ward, San Juan, Puerto Rico, December 2018
- Groundwater Sampling, Silo No. 2, Central Mercedita Property, Ponce, Puerto Rico, May 2017
- Groundwater Sampling, Former Puerta de Tierra Public Housing Development, San Juan, Puerto Rico, July 2016
- Groundwater Sampling, Former Las Gladiolas Public Housing Development, San Juan, Puerto Rico, February 2016
- Assessment of Dense Non-Aqueous Phase Liquids (DNAPLs) in Groundwater, Former Biovail Facility, Carolina, Puerto Rico, 2016.
- Groundwater Sampling, Choice Liberty facilities in various locations in Puerto Rico, 2016.
- Site Characterization of Soil and Groundwater, former Hospital Dr. Pila owned by Metro Pavia, Ponce, Puerto Rico, 2012
- Site Characterization of Soil and Groundwater, Patheon Facility for EDIC College, Caguas, 2011.
- Groundwater Study, IPR Pharmaceuticals, Canovanas, Puerto Rico, December 2010.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico, July 2009
- Aquifer Investigation at the former Hanes Facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, 2009.
- Groundwater and deep well sampling at the IPR Canovanas Facility, Canovanas, Puerto Rico, 2007.
- Groundwater and Clean-up Verification Sampling at the former Shell Yabucoa facility, Yabucoa, Puerto Rico, 2007.
- Hydrogeologic Characterization Assessment, Quality Electroplating Facility, Caguas, Puerto Rico, January 2007.
- Preliminary Hydrogeologic Investigation, Baños de Coamo, Thermal Springs, Coamo, Puerto Rico, January 2005.
- Hydrogeologic Characterization Assessment, Villas del Faro Punta Tuna Beach Resort, Maunabo, Puerto Rico, November 2001
- Hydrogeologic and Groundwater Characterization Assessment - Former Manufactured Gas Plant (MGP) Facility, Miramar, San Juan, Puerto Rico, June 1997.
- Sinkhole Hydraulic Capacity Evaluation - Sinkholes 2N and 5N PR-10 Road, Utuado, Puerto Rico, March 1997.
- Subsurface and Groundwater Contamination Assessment - Air Liquid Facility, Cataño, Puerto Rico, October 1996
- Subsurface and Groundwater Contamination Assessment - General Gases Facility, Bayamón, Puerto Rico, October 1996

- Preliminary Subsurface Site Assessment - Former Fortiflex Manufacturing Facility, Bayamón, Puerto Rico
- Hydrogeologic Assessment and Groundwater Characterization - Former Metal Finishing Facility, Toa Baja, Puerto Rico, June 1996
- Subsurface and Groundwater Contamination Assessment ACERVO Transportation and Maintenance Facility, Hato Rey, Puerto Rico, January 1996
- Dye Tracing Study - PR-10 Five Sinkholes Connection to Los Chorros, Utuado, Puerto Rico, February 1991
- Preliminary Subsurface Assessment at Three Gasoline Service Stations - PR Road No.2 Expansion Project, Arecibo, Puerto Rico, July 1995
- Remedial Action Plan Preparation and Plan Implementation - Diesel Spill Hewlett Packard Facility, Aguadilla, Puerto Rico, August 1995
- Preliminary Hydrogeologic Assessment Former Manufactured Gas Plant Site, Miramar, San Juan, Puerto Rico, July 1994.
- Hydrogeologic and Groundwater Contamination Assessment Leaseway Properties in Ponce and Cataño, Puerto Rico, December 1994
- Evaluation of Potential Aquifer Development - Baxter Healthcare Corp. Carolina Facility, Carolina, Puerto Rico, September 1994
- Groundwater Sampling and Analysis - Rayo Farm Site, Pfizer Pharmaceuticals, Barceloneta, Puerto Rico, July 1994
- Groundwater Resources Availability Evaluation - US Postal Office, Hato Rey Puerto Rico, March 1994
- Remedial Action Plan Preparation and Plan Implementation PCE Remediation Project-Former Pharmaseal Facility, Baxter Healthcare Corp., Toa Alta, Puerto Rico, April 1994
- Subsurface Investigation Underground Storage Tank Area - Palmas del Mar Resort, Humacao, Puerto Rico, September 1994
- Groundwater Production Wells Data Search and Evaluation - Metal Finishing Facility Surroundings, Toa Baja, Puerto Rico, June 1994
- Corrective Action Plan for Hydrocarbon Affected Soils, Former Baxter V. Muller Facility, Sabana Grande, Puerto Rico, October 1991
- Subsurface Investigation and UST Closure - Baxter Healthcare Facility, Maricao, Puerto Rico, June 1992
- Preliminary Hydrogeologic Assessment and Final Hydrogeologic and Groundwater Characterization - Several Navy s Sites, Roosevelt Roads Base, Ceiba, Puerto Rico, April 1992
- Subsurface Investigation and Remedial Action Implementation - Kayser Roth Facility, Arecibo Puerto Rico, November 1990
- Subsurface Characterization and Remedial Action - U.S. Coast Guard Air Station Borinquen, Aguadilla, Puerto Rico, July 1989
- Preliminary Subsurface Assessment Program f or the Jesus Ramirez Esso Service Center, June 1989.
- Hydrogeologic Assessment Chevron-Gulf Facility, Caguas, Puerto Rico, April 1987
- Final Hydrogeologic Assessment Chevron Facility No. 54270100, Cayey, Puerto Rico, January 1989
- Hydrogeologic Assessment and Ground Water Monitoring Program, Seven-up Bottling Co. Inc. Minillas Industrial Park, Bayamón Puerto Rico, July 1989

- Remedial Action Plan for Gulf Service Station Facility No. G-121-11, Mayagüez, Puerto Rico, May 1988
- Remedial Action Plan Gulf Service Station Facility No. G-123-11, Hormigueros, Puerto Rico, December 1988
- Analysis of Irrigation Alternatives, La Gorce Gulf Country Club - City of Miami Beach, Florida, June 1982.
- Dyer Boulevard Sanitary Landfill - Hydrogeologic Investigation, Phase III, August 1982.
- Test of Second Artesian and Floridan Aquifers - Engineering Report Prepared for City of Venice, September 1982

ENVIRONMENTAL ENGINEERING

- Phase I Environmental Site Assessments for Commercial/Industrial facilities in Puerto Rico, Pavia Hospital and First Medical facilities, on-going.
- Phase I and Phase II Environmental Site Assessments for various Choice Liberty facilities in Puerto Rico, on-going.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, CPG Financial, on-going.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, Oriental Bank, on-going.
- Phase I and Phase II Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, First Bank, on-going.
- Phase I and Phase II Environmental Site Assessments for the Las Gladiolas Public Housing, McCormack Baron Puerto Rico Developer, 2017.
- Phase I and Phase II Environmental Site Assessments for the Puerto de Tierra Public Housing, McCormack Baron Puerto Rico Developer, 2017.
- Phase I and Phase II Environmental Site Assessments for the Carioca Palo Seco Site, Cataño, 2015.
- Phase I Environmental Site Assessments for Commercial/Industrial/Residential Developments in Puerto Rico, Blackpoint/Doral Bank, 2014.
- Phase I and Phase II Environmental Site Assessments for Hermanos Melendez Hospital Complex and Puerto Rico Childrens Hospital located at Bayamon, October 2014.
- Phase I Environmental Site Assessment at Commercial Property in St. Thomas, USVI, November 2011.
- Phase I and Phase II Environmental Site Assessment for the Ramallo Brothers Printing facility, Caguas, Puerto Rico, November 2010.
- Phase I Environmental Site Assessments for six airports facilities in the Dominican Republic, 2008
- Phase II Environmental Site Assessments at the Las Americas and Gregorio Luperon Airports Facilities, Dominican Republic, November 2014.
- Phase I Environmental Site Assessment for the Former Westernbank Plaza Building, Hato Rey, San Juan, Ferraiuoli LLC, 2012.
- Soil Investigation, Baxter Healthcare Facility, Aibonito, Puerto Rico, 2012.
- Phase I Environmental Site Assessment for the BBA Aviation/Signature Flight Support Facility at the Princess Juliana International Airport, St. Maarten, Netherlands Antilles, September 2011.

- Phase I Environmental Site Assessments for various schools as part of the Schools for the 21 Century Project, as requested by the Autoridad para el Financiamiento de la Infraestructura, September 2011.
- Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010.
- Soil Sampling Investigation, PCB Horizon Facility, Puerto Rico Industrial Development Company (PRIDCO), San German, Puerto Rico, 2009.
- Phase I and Phase II ESA for various locations at the Peninsula de Cantera, San Juan, Puerto Rico, on-going.
- Environmental Assessment for soil contamination, Becton Dickinson Affirm Expansion, Cayey, Puerto Rico, March 2010.
- Environmental Assessments and Permitting Compliance for the PR Maritime Transportation Authority facilities around Puerto Rico, including Vieques and Culebra, 2012.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Canovanas, Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Toa Baja, Puerto Rico, December 2018.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Aguadilla, Puerto Rico, November 2018.
- Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Caguas, Puerto Rico, 2017.
- Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Salinas, Puerto Rico, 2017.
- Phase I ESA for the San Jorge Children's Hospital for First Bank, Santurce, Puerto Rico, June 2010.
- Environmental Audits and Permitting Compliance for the LANCO Group Facilities located in San Lorenzo, Cidra and Rio Piedras, on-going.
- Phase I ESA for a parcel of land owned by Doral Bank, Rincon, Puerto Rico, July 2010.
- Phase I ESA for a parcel of land owned by Doral Bank, Loiza, Puerto Rico, July 2010.
- Phase I ESA for former gasoline station owned by Banco Popular de PR, Corozal, 2011.
- Phase I ESA for former gasoline station owned by Banco Cooperativo de Puerto Rico, Ciales, 2012.
- Phase I Environmental Site Assessment and Environmental Audit, Patheon Facility for EDIC College, Caguas, 2011.
- Environmental Assessments of parcel of lands for the proposed Capobella Tourist Development, Republica Dominicana, January 2010
- Transaction Screening for the Buffalo Wings facility at the Luis Muñoz Marin International Airport, Carolina, Puerto Rico, December 2009.
- Phase I ESA for the Dollar Rent a Car facility, owned by Empresas Alberic Colon, Ponce, Puerto Rico, 2009
- Phase I ESA for the former Gulf Gasoline Station as requested by First Bank, Camuy, Puerto Rico, 2009.
- Phase I ESA for the Hospital Episcopal San Lucas and Torre Media, as requested by First Bank, Ponce, Puerto Rico, 2009.
- Phase I and Phase II ESA for former Union Carbide Caribe Facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico, 2009.

- Environmental Audit and Permitting Compliance, Papelera Puertorriqueña, Utuado, Puerto Rico, 2009.
- Phase I ESA for the proposed Sun Microsystems facility, as requested by McConnell Valdez, Ponce, Puerto Rico, 2009.
- Baseline Assessment for the Texaco Farm Tank, as requested by Peerless Oil and Chemicals, Guayanilla, Puerto Rico, 2009.
- Phase I and Limited Phase II ESA for the Biovail Laboratories facilities, Dorado, Puerto Rico, 2009.
- Environmental Road Map and Permitting Compliance at the Hanes facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, 2011.
- Phase I ESA for a parcel of land for a proposed Walgreens Facility, Bayamon, Puerto Rico, 2008.
- Environmental Assessments and Remediation for the ACERVO Facility for the proposed Villas El Paraiso Project, Hato Rey, Puerto Rico, 2008.
- Phase I and Phase II ESA for the former Schering Plough manufacturing facility, Manati, Puerto Rico, 2008, Environmental Coordination, Observation and documentation of the activities conducted at the Puerto de Ponce, as requested by an Administrative Order of the EPA, Municipality of Ponce, Puerto Rico, 2008.
- Environmental Assessment, proposed American Micro Steel facility, Guayanilla, Puerto Rico, 2008.
- Phase I ESA for various facilities around Puerto Rico owned by the Banco Gubernamental de Fomento para Puerto Rico, 2009.
- Environmental Assessment and Remediation at the Warner Chilcott Facility, Fajardo, Puerto Rico, 2008.
- Phase I ESA for various facilities owned by Ponce Resources to be transferred to Schnitzer Corporation, 2008.
- Phase I ESA for 15 facilities around Puerto Rico owned by Empresas Alberic Colon, 2008.
- Environmental Assessment and Remediation at the former Junco Steel Facility, ENTECH, Guaynabo, Puerto Rico, 2008.
- Phase I ESA and Soil Assessment at the former Filtertek Facility, for a proposed Camera Mundi project, Caguas, Puerto Rico, 2008.
- Phase I ESA for 6 airports facilities at various Dominican Republic, owned by AERODOM, 2008.
- Environmental Audit at the Hertz Facility, Carolina, Puerto Rico, 2008.
- Phase I ESA for two parcels of land, First Bank, Manati, Puerto Rico, 2008.
- Phase I for a former PRIDCO facility for a proposed Curtis Instrument project, Luquillo, Puerto Rico, 2008.
- Environmental Assessment, Environmental Audit and Permitting compliance for a proposed Model Offset Printing expansion, Humacao, Puerto Rico, 2008.
- Phase I ESA of former Empresas Santana facilities at the Luis Muñoz Marin International Airport and Base Muñiz, Carolina, Puerto Rico, 2008.
- Phase I ESA for four facilities owned by Borinquen Memorial Funeral Home, First Bank, various locations in Puerto Rico, 2008.
- Phase I ESA for the San Juan Marriott Hotel & Casino, First Bank, San Juan, Puerto Rico, 2008.
- Phase I and Phase II ESA for the Aguas Puras project at the PRASA Treatment Plant, First Bank, Bayamon, Puerto Rico, 2008.

- Designated Project Coordinator "Administrative Settlement Agreement and Order on Consent for Removal Action, The Ponce Intercontinental Hotel Asbestos Dump Site, Ponce, Puerto Rico, Index No. CERCLA-02-2007-2018, October 2007.
- Designated Project Coordinator "Administrative Agreement and Order on Consent for a removal Action The Aguakem Chemical Site, Ponce, Puerto Rico, Index No. CERCLA-02-2007-2017, November 2017.
- Phase I ESA for a parcel of land for a proposed Home Depot facility, Ponce, Puerto Rico, 2007.
- Phase I ESA for the Imacaca facility as requested by Banco Popular, Bayamon, Puerto Rico, 2007.
- Phase I ESA for the La Fuente Motel as requested by First Bank, Caguas, Puerto Rico, 2007.
- Environmental Assessment for a proposed Universal Insurance facility as requested by Sierra Cardona Ferrer, Hatillo, Puerto Rico, 2007.
- Phase I ESA, Environmental Assessment and Permitting compliance for the proposed Becton Dickinson Biosciences facility, Cayey, Puerto Rico, 2007.
- Technical Consultant for Shell Puerto Rico, Luis Muñoz Marin International Airport, EPA Consent Order, Carolina Puerto Rico, July 2006.
- Phase II Site Characterization Shell Puerto Rico Former Gasoline Station, Mayaguez, Puerto Rico, August 2005.
- Phase II Site Characterization Shell Puerto Rico Gasoline Station, Ponce, Puerto Rico, March 2005.
- Phase II Site Characterization Almetco Facility, Canovanas, Puerto Rico, April 2008.
- Assessment and Remediation Activities, EPA Brownfields Program, Hato Rey Electroplating PRIDCO Facility, Hato Rey, Puerto Rico, September 2005.
- Assessment and Remediation Activities, EPA Brownfields Program, National Circuit PRIDCO Facility, Fajardo, Puerto Rico, September 2005.
- Phase II - Soil Assessment at Property to be Acquired by Junco Steel, Vega Baja, Puerto Rico, June 2005.
- Soil Assessment Cardinal Health Facility, Humacao, Puerto Rico, August 2005.
- Remedial Action Plans Preparation for the ACERVO Facility (Villas del Paraiso Residential Development), Hato Rey, Puerto Rico, February 2004
- Environmental Sampling Assessment, Taller Bufalo, Barceloneta, Puerto Rico, October 2003
- Closure of Septic Tank System, US Navy, Vieques, Puerto Rico, 2007.
- Phase I Environmental Site Assessment, El Mundo Broadcasting 10 properties in various locations in Puerto Rico, April 2003
- Phase I Environmental Site Assessment, Proposed Home Depot facility, Arecibo, Puerto Rico, 2003
- Phase I, Phase II, and Remediation Activities, Saint Luke's Memorial Hospital, Former Hospital Regional de Ponce, Ponce, Puerto Rico, September 2003
- NPDES Storm Water Pollution Prevention Plan and Permitting, Las Cascadas Residential Development, Toa Alta, Puerto Rico, November 2012.
- Assessment and Remediation Activities, EPA Superfund Program, Metal Finishing Toa Baja Facility, Toa Baja, Puerto Rico, February 2004
- Corps of Engineers and Environmental Permits, Torre Cibeles Residential Development, Hato Rey, Puerto Rico, April 2004.
- Phase II Environmental Assessment Activities, Covadonga Road Connector, San Juan, Puerto Rico, January 2004

- Technical Assistance, Former San Juan Gas Facility, San Juan, Puerto Rico, December 2000
- Phase I Environmental Site Assessment, Former Digital Facility, San German, Puerto Rico, December 2002
- Environmental Impact Statement, Aventura Residential Development, Gurabo, Puerto Rico, April 2006.
- Environmental Assessment, Ext. Degetau Improvements, Caguas, Puerto Rico, 2007.
- Environmental Assessment, Periferal Avenue Construction, Caguas, Puerto Rico, September 2007.
- Phase II Environmental Site Assessment (Soil and Groundwater, Septic Tank Characterization, PCB Testing, Asbestos and Lead-based Paint Limited Surveys, ACERVO Facility, Hato Rey, Puerto Rico, February 2002
- Phase I Environmental Site Assessment, Undeveloped property, Guayama, Puerto Rico, January 2003
- Phase I Environmental Site Assessment, San Juan and Carolina properties, January 2003
- Environmental Assessment, Isla Grande Site 36 Site, San Juan, Puerto Rico, January 2010.
- Underground Injection Control System Closure, Former Mayaguez Filter Facility, Mayaguez, Puerto Rico, January 2005.
- Phase II Environmental Assessment Activities, PR 122 Gulf Station, San Germán, Puerto Rico, 2003.
- Phase I Environmental Site Assessment, Plaza Tropical Facility, Bayamon, Puerto Rico, January 2003
- Phase I and Phase II Assessments, Revitalizacion Centro Urbano de Santurce, San Juan, Puerto Rico, February 2003.
- NPDES and CES Permits, Monticielo Residential Development, Caguas, Puerto Rico, January 2003.
- NPDES Permit, Coatings industrial facility, Bayamon, Puerto Rico, November 2002.
- Environmental Monitoring, Cidra River, Adjuntas, Puerto Rico, December 2002.
- Phase I Environmental Site Assessment, Beckton Dickinson Facility, Juncos, Puerto Rico, October 2002.
- NPDES Permitting, Laderas de San Juan Residential Development, San Juan, Puerto Rico, October 2004.
- Environmental Consulting Services, Mendez & Co. Carlos Malave Site, Cataño, Puerto Rico, February 2006.
- Environmental Impact Statement, Los Machos Beach Improvements, Ceiba, Puerto Rico, 2002.
- Phase II Environmental Assessment, Bard Undeveloped Lot, Humacao, Puerto Rico, November 2002.
- Phase I Environmental Site Assessment, Leaseway facilities, Cataño and Toa Baja Site, Puerto Rico, September 2002.
- Phase I Environmental Site Assessment, Mountain Union Telecommunication Towers, various location in Puerto Rico, November 2002.
- Environmental Evaluation Widening of PR-901, Yabucoa, Puerto Rico, August 1998.
- Environmental Evaluation PR-20 Toll Plaza, Guaynabo, Puerto Rico, October 1998.
- Environmental Analysis ERIKA Manufacturing Facility, Fajardo, Puerto Rico, November 1998.
- Phase I and Phase II Assessments for Yauco, Guayama and San Pablo Medical Facilities, From 1997 to 1998.

- Phase I and Phase II Site Assessment - Confidential Manufacturing Facility, Guaynabo, Puerto Rico, December 1997.
- Septic System UIC Closure Plan - Baxter Sales Facility, Guaynabo, Puerto Rico, February 1997.
- Underground Injection Control Permitting - Parque Las Cavernas de Camuy, Camuy, Puerto Rico, November 1996.
- Phase I Environmental Site Assessment Air Liquid Facility, Cataño, Puerto Rico, October 1996.
- Phase I Environmental Site Assessment 3 General Gases Facilities, Cataño, Bayamón and Ponce, Puerto Rico, October 1996.
- Phase I Environmental Site Assessment - Peninsula de Cantera Proposed Development Project, Santurce, Puerto Rico, November 1996.
- Phase I Environmental Site Assessment Tropical Fruit Property, Guanica, Puerto Rico, November 1996.
- PDES Storm Water Pollution Prevention Plans for 12 Ready Mix Concrete and 5 Aggregates Facilities Throughout the Island, September 1996.
- NPDES Storm Water Permitting - Comprehensive Site Compliance Evaluation - Intel Facility, Las Piedras, Puerto Rico, January 1996.
- Environmental Permitting Coordination and Management - Super Aqueduct PRASA Project, North Coast of Puerto Rico, From January to July 1996.
- Phase I Environmental Site Assessment - Caribbean Containers Inc., Arecibo, Puerto Rico, April 1996.
- NPDES Storm Water Permitting - Comprehensive Site Compliance Evaluation - Bumble Bee Facility, Mayaguez, Puerto Rico, May 1996.
- Storm Water Pollution Prevention Plan - Arecibo Coliseum Development, Arecibo, Puerto Rico, May 1996.
- Baseline Environmental Evaluation - PR Highway 22 Corridor - Hatillo to Hormigueros, February 1996.
- CEST Plan Arecibo Coliseum Development, Arecibo, Puerto Rico, May 1995.
- Hazardous Waste Characterization - Former Robert Cylinders Manufacturing, Canovanas, Puerto Rico, November 1995.
- Pretreatment Compliance Action Plan - OSI Puerto Rico. Corp., Santa Isabel, Puerto Rico, November 1995.
- CEST Plan Verde Luz Residential Development, Caguas, Puerto Rico, October 1995.
- Storm Water Pollution Prevention Plan - Verde Luz Development, Caguas, Puerto Rico, November 1995.
- Storm Water NPDES Evaluation - Timberland Facility, Isabela, Puerto Rico, October 1995.
- Inventory and Characterization of Chemical Wastes - Former Gulf Medical Technologies Inc. Facility, Cidra, Puerto Rico, February 1995.
- Phase I Environmental Site Assessment ACERVO Transportation and Maintenance Facility, Hato Rey, Puerto Rico, October 1995.
- Phase I Environmental Site Assessment and Limited Regulatory Compliance Audit - OSI Facility, Santa Isabel, Puerto Rico, February 1995.
- Regulatory Compliance Audit - Basic Industries Facility, Caguas, Puerto Rico, March 1995.
- Regulatory Compliance Audit - Manufacturera Berrios, Caguas, Puerto Rico, January 1995.
- Spill Prevention Control and Countermeasure Plan (SPCC) for Five Shopping Center Facilities in Fajardo, Aguadilla, Arecibo, Vega Baja and Guayama, Puerto Rico, May 1995.

- Storm Water Pollution Prevention Plan: NPDES General Permit Compliance - Valle del Lago Development, Rio Cañas, Caguas, Puerto Rico, June 1995.
- Phase I Environmental Site Assessment - Radio Station, Canovanas, Puerto Rico, June 1995.
- Phase I Environmental Site Assessment Mendez & Co. Commercial Facilities at Guaynabo, Ponce and Mayaguez, Puerto Rico, June 1995.
- Underground Injection Control Facility Closure Plan, Lugo Gulf Service Station, Utuado, Puerto Rico, May 1995.
- Environmental Impact Statement Torre Tivoli Residential Tower, Hato Rey, Puerto Rico, August 1995.
- Phase I Environmental Site Assessment Real Estate Transaction - 5 Hotel Properties in San Juan, Ponce and Mayaguez, Puerto Rico, March 1994.
- Phase I Environmental Site Assessment Real Estate Transaction - 15 Mueblerias Berrios Facilities Around the Island, December 1994.
- Phase I Environmental Site Assessment - Vasallo Industries Warehouse, Bo. Sabana Abajo, Carolina, Puerto Rico, September 1994.
- Storm Water Pollution Prevention Plan - OSRAM SYLVANIA Facility, Fajardo, Puerto Rico, April 1994.
- Phase I Environmental Site Assessment - Property Where the Baxter Healthcare San German Facility was Proposed, San German Puerto Rico, February 1993.
- Storm Water NPDES Storm Water Pollution Prevention Plan - Warner Lambert Facility, Vega Baja, Puerto Rico, August 1993.
- Storm Water Pollution Prevention Plan - Filterteck Inc. Facility, Patillas, Puerto Rico, February 1994.
- Inventory and Characterization of Hazardous Wastes - Former National Circuits Facility, Fajardo, Puerto Rico, November 1993.
- Storm Water Pollution Prevention Plan - La Sierra del Sol Development, Rio Piedras, Puerto Rico, July 1993.
- Storm Water NPDES Storm Water Pollution Prevention Plan - Warner Lambert Facility, Fajardo, Puerto Rico, August 1993.
- Storm Water Pollution Prevention Plan - Camino del Sol Development, Ponce, Puerto Rico, November 1993.
- Storm Water Pollution Prevention Plan - Bumble Bee Facility, Mayaguez, Puerto Rico, February 1993.
- Phase I Environmental Site Assessment - Finca Joaquina, Isla Verde, Puerto Rico, June 1994.
- Background Noise Measurements f or the Puerto Rico Junior College, Carolina, Puerto Rico; June 1989.
- NPDES Storm Water Group Permit Application - Ready Mix Concrete Association Facilities, July 1992.
- NPDES Storm Water Pollution Prevention Plan - Holsum Bakers of Puerto Rico Facility, Toa Baja, September 1992.
- NPDES Storm Water General Permit Evaluation - Intel Manufacturing Facility, Las Piedras, Puerto Rico, June 1992.
- Environmental Impact Statement South Connector Road Project, Mayaguez, Puerto Rico, July 1991.
- Environmental Impact Statement Gonzales Clemente (PR 102) Road Expansion, Mayaguez, Puerto Rico, February 1992.

- Wood Treating Facilities Compliance with RCRA Subpart W - Assessment and Certification of Drip Pads, Several Facilities Around the Island, 1992.
- Ashland Hazardous Waste Storage Area Closure Certification, Cataño, Puerto Rico, March 1991.
- Environmental Evaluation - Mercedita Airport Access Roads, Ponce, Puerto Rico, January 1990.
- Environmental Phase I Site Assessment - A.H. Robins Manufacturing Company, Barceloneta, Puerto Rico, May 1989.
- Certification of Completion of Closure - Hazardous Waste Container Storage Unit (PRD-091049262), Ciales, Puerto Rico, April 1989.
- Searle & Co. RCRA Part B Permit Application: Response to EPA Comments; April 1987.
- Environmental Impact Statement, Caguas Center Shopping Center - Caguas, Puerto Rico; December 1978.
- Environmental Assessment, Sheering Industrial Development Corporation, Building Expansion (Beta IV) - Manati, Puerto Rico; August 1981.
- Environmental Evaluation State Road PR-102 - Mayaguez, Puerto Rico; August 1981.
- Infiltration/Inflow Study of the Sanitary and Storm Sewer Systems of the City of Rio Piedras - San Juan, Puerto Rico; June 1981.
- Water Quality Management Plan for the Island of Puerto Rico - Mining Pollution Control Study; August 1979.
- Preliminary Environmental Impact Statement - State Rd. PR-187 Boca de Cangrejos Avenue - San Juan, Puerto Rico; June 1987.

RESUME OF
LUIS RAUL COLON MORALES

Project Engineer/Project Manager

EDUCATION

University of Puerto Rico
Mayaguez Campus - B. S., Civil Engineering, 2005, Magna Cum Laude, GPA 3.85

University of Florida
Gainesville – Master in Civil Engineering, Water Resources, 2007, Summa Cum Laude GPA 4.00

PROFESSIONAL AFFILIATIONS

College of Engineers and Surveyors of Puerto Rico (CIAPR)
American Society of Civil Engineers (ASCE)
National Groundwater Association

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Professional Engineer (PE), License 21864, Puerto Rico

CAREER SUMMARY

Mr. Colón is a Project Engineer with the environmental consulting firm of Caribe Environmental Services since 2007. Mr. Colón is a registered Professional Engineer with the College of Engineers and Surveyors of Puerto Rico. Mr. Colón has been involved in a variety of water resources and environmental projects including surface and ground water hydrologic modeling and investigations as well as soil and groundwater contamination assessments. Mr. Colón is also continuously developing potentiometric and contaminant concentration surface maps as well as GIS Inventory databases. Also Mr. Colón has participated in the preparation of multiple environmental site assessments, environmental compliance audits and environmental permitting projects.

LIST OF PROJECTS

The following list shows a representative sample of Mr. Colón's professional work experience throughout his professional career.

ENVIRONMENTAL ENGINEERING

- Expert Witness – Blasina Lagoon Contamination, Municipio de Carolina V. Autoridad de Acueductos y Alcantarillados, Carolina, Puerto Rico – on-going.
- Soil Investigation, Baxter Healthcare Facility, Aibonito, Puerto Rico, on-going.

- Sampling activities, former Caguas Uniform facility, Caguas, Puerto Rico, on-going
- Environmental assessment, EFA Investment for Paseo Samaritano residential development, on-going
- Phase I and Groundwater sampling at Hospital Dr Pila, Ponce, Puerto Rico; on-going
- Phase I for Salichs Pou and Associates of former gas station at Toa Baja, Puerto Rico; October 2010
- Phase I Environmental assessment at Bacardi, Palo Seco facility; February 2011
- Phase I Environmental assessments of two sites (Arecibo and Carolina) for Battery Recycling; on-going
- Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010.
- Environmental Assessment for soil contamination, Becton Dickinson Affirm Expansion, Cayey, Puerto Rico, March 2010.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Canovanas, Canovanas, Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Toa Baja, Toa Baja Puerto Rico, on-going.
- Site Inventories and Environmental Assessments for Brownfields Petroleum and Hazardous Sites for the Municipality of Aguadilla, Aguadilla, Puerto Rico, on-going.
- Phase I ESA for the San Jorge Children's Hospital for First Bank, Santurce, Puerto Rico, June 2010.
- Environmental Audits and Permitting Compliance for the LANCO Group Facilities located in San Lorenzo, Cidra and Rio Piedras, on-going.
- Phase I ESA for a parcel of land owned by Doral Bank, Rincon, Puerto Rico, July 2010.
- Phase I ESA for a parcel of land owned by Doral Bank, Loiza, Puerto Rico, July 2010.
- Phase I ESA for former gasoline station owned by Banco Popular de PR, Corozal, July 2010
- Phase I ESA for former gasoline station owned by Banco Cooperativo de Puerto Rico, Ciales, on-going.
- Phase I Environmental Site Assessment, Groundwater Sampling and Environmental Audit, Patheon Facility for EDIC College, Caguas, February 2011
- Soil Sampling Investigation, PCB Horizon Facility, Puerto Rico Industrial Development Company (PRIDCO), San German, Puerto Rico, 2009.
- Soil Investigation According to an Administrative Order of Consent Issued by the EPA PRIDCO, San Germán, Puerto Rico, On-going
- Phase I ESA for the Dollar Rent a Car facility, owned by Empresas Alberic Colon, Ponce, Puerto Rico, 2009
- Phase I ESA for the former Gulf Gasoline Station as requested by First Bank, Camuy, Puerto Rico, 2009.
- Phase I ESA for the Hospital Episcopal San Lucas and Torre Media, as requested by First Bank, Ponce, Puerto Rico, 2009.
- Phase I and Phase II ESA for former Union Carbide Caribe Facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico, 2009.
- Environmental Audit and Permitting Compliance, Papelera Puertorriqueña, Utuado, Puerto Rico, on-going

- Phase I ESA for the proposed Sun Microsystems facility, as requested by McConnell Valdez, Ponce, Puerto Rico, 2009
- Phase I and Limited Phase II ESA for the Biovail Laboratories facilities, Dorado, Puerto Rico, 2009.
- Phase I Environmental Site Assessment & Phase II Site Characterization First Bank, Cataño, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Borinquen Memorial, Caguas, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Leaseway, Cataño, Puerto Rico, 2008.
- Phase I ESA of former Empresas Santana facilities at the Luis Muñoz Marin International Airport and Base Muñiz, Carolina, Puerto Rico, 2008.
- Phase I and Phase II ESA for the Aguas Puras project at the PRASA Treatment Plant, First Bank, Bayamon, Puerto Rico, 2008.
- Phase I Environmental Site Assessment (4 SITES) Alberic Colon, San Juan, Puerto Rico, 2008.
- Phase I Environmental Site Assessment Banco Gubernamental de Fomento, San Juan, Guaynabo & Ponce, Puerto Rico, 2008.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico.
- Assessment of Dense Non-Aqueous Phase Liquids (DNAPLs) in Groundwater, Confidential Client, Carolina, Puerto Rico.
- NPDES Storm Water Management Plan, Peerless Oil and Chemical, Peñuelas & Guayanilla, Puerto Rico,
  Ongoing
- NPDES Storm Water Management Plan, Quality Electroplating, Caguas, Puerto Rico, January 2009.
- NPDES Storm Water Management Plan, University of Puerto Rico, Aguadilla Campus.
- NPDES Storm Water Management Plan, University of Puerto Rico, Humacao Campus.
- NPDES Storm Water Management Plan, University of Puerto Rico, Carolina Campus.
- Consumption of Energy Analysis, Ext. Degetau Improvements, Caguas, Puerto Rico, 2007
- Erosion and Sedimentation Control Plan UPR Bayamón, Bayamón, Puerto Rico, 2007

HYDROLOGY AND HYDRAULICS

Surface Hydrology/Hydraulics

- Hydrologic/Hydraulic Study for the Turabo River, Caguas, Puerto Rico, as requested by the Puerto Rico Highway and Transportation Authority, on-going.
- Hydrologic/Hydraulic Study for the AD Bayamon site owned by Mendez & Co., Bayamon, Puerto Rico, on-going.
- Hydrologic/Hydraulic Study for a proposed Mixed-Uses Development Complex, LAIF LLC, Guaynabo, Puerto Rico, 2009
- Hydrologic Study Degetau Avenue Extension, Caguas, Puerto Rico, On-going
- Hydrologic/Hydraulic Study La Vereda Residential Development, Ceiba, Puerto Rico, 2008

- Hydrologic/Hydraulic Study Notre Dame Elementary School, Caguas, Puerto Rico, 2008
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Las Americas Technology Industrial Park, Moca, Puerto Rico, January 2007
- Hydrologic/Hydraulic Study Betteroads Cupey Facility, San Juan, Puerto Rico, 2007.
- Hydrologic and Hydraulic Study, Villas de Montecielo Residential Development, Guaynabo, Puerto Rico.
- Hydrologic and Hydraulic Study for the Degetau Avenue to the Turabo River and FEMA Conditional Letter of Map Revision Request, Caguas, Puerto Rico, June 2005.

Groundwater Hydrology/Hydrogeology

- Aquifer Investigation at the former Hanes Facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico, on-going
- DNER Permitting of monitoring wells, former Patheon facility, Caguas, Puerto Rico, on-going.
- Groundwater study and slug/chemical testing, IPR Pharmaceuticals, Canóvanas, Puerto Rico, on-going
- Site Characterization of Soil and Groundwater, former Hospital Dr. Pila owned by Metro Pavia, Ponce, Puerto Rico, on-going.
- Site Characterization of Soil and Groundwater, Dense Non-Aqueous Phase Liquids (DNAPLs), Confidential Client, Carolina, Puerto Rico, July 2009
- Subsurface-Groundwater Contamination Assessment – PRHTA Site 36, Puerto Rico, On-Going
- Hydrologic/Hydraulic Study and Sinkholes Hydraulic Evaluation, Camaseyes Residential Area, Aguadilla, Puerto Rico, 2007
- Groundwater and deep well sampling Monitoring Event, IPR Pharmaceuticals, Canovanas, Puerto Rico, 2007.
- Hydrogeologic Characterization Assessment, Villas del Faro Punta Tuna Beach Resort, Maunabo, Puerto Rico, November 2001 (during summer part-time job)

GIS INVENTORY DATABASE

- Brownfield Inventory Database for Municipality of Aguadilla; on-going
- Brownfield Inventory Database for Municipality of Toa Baja; on-going
- Brownfield Inventory Database for Municipality of Canóvanas; on-going
- Location Inventory of sampling points for:
  - Soil Investigation, Baxter Healthcare facility, Aibonito, Puerto Rico; on-going
  - Phase I and Groundwater sampling at Hospital Dr Pila, Ponce, Puerto Rico; on-going
  - Environmental Site Investigation, Shellfoam Facility, Puerto Rico Industrial Development Company (PRIDCO), Cidra, Puerto Rico, June 2010
  - Phase I and Phase II ESA for former Union Carbide Caribe facility, as requested by Peerless Oil and Chemicals, Peñuelas/Guayanilla, Puerto Rico; 2009
  - Aquifer Investigation at the former Hanes facility for the proposed Cervezas del Sur project, Ponce, Puerto Rico; on-going

  - Groundwater study and slug/chemical testing, IPR Pharmaceuticals, Canóvanas, Puerto Rico; on-going
- Storm & Sanitary Water Sewers Location and/or Characteristics Identification, Expert Witness Contamination Assessment Municipio de Carolina vs. Autoridad de Acueductos y Alcantarillados, Carolina, On-Going.
- Location and Characteristics Identification of Water Wells, Groundwater Investigation, Cervezas del Sur, Ponce, Puerto Rico, 2009

CONTINUING EDUCATION SEMINARS

"ASTM 1527-13 Standard for Environmental Site Assessments for Commercial Real Estate", ASTM Technical Training and E- Learning, September 23-24, 2014

"EPA's 2012 Construction General Permit (CGP)", US EPA Stormwater Program's Webcast Series, March 15, 2012

"Two Experts Share Intell on Vapor Intrusion in the Real World", Environmental Data Resources, Inc., February 7, 2012

"The Remediation Course, 38 hour continuing education course", Princeton Groundwater, Inc., October 24-28, 2011

"Reglamentos y Permisos Ambientales ante el Cuerpo de Ingenieros de Estados Unidos", Universidad Puerto Rico, Div Educación Continua, December 13, 2010

"Reglamentos y Permisos Ambientales Parte II", Universidad Puerto Rico, Div Educación Continua, December 3, 2010

"Cambios Recientes a Leyes y Reglamentos Ambientales y Propuestas Inmediatas de Energia Verde", CIAPR and AIDIS, October 29, 2009.

Seminar about "2008 Final NPDES General Permit For Stormwater Discharges From Industrial Activities", Asociacion Interamericana De Ingenieria Sanitaria Y Ciencias Del Ambiente, November 20, 2008

Hydrologic Modeling Using HEC-HMS Computer Model, American Society of Civil Engineers, Orlando, Florida, January, 2008

"Taller sobre Sistema de Información Geográfica: Puerto Rico Interactivo y el Expediente Digital", Puerto Rico Planning Board and College of Engineers and Surveyors of Puerto Rico, Hato Rey, Puerto Rico, May 11, 2007.

SKILLS

Proficient with the following softwares:

- Microsoft's computer software, such as: Power Point, Excel and Word.
- Hydrologic and Hydraulic software, such as: HMS, HEC-RAS, Hydraflow Storm Sewer, HY-8
- Software that can be applied to groundwater modeling, such as: Rockworks 2006, Surfer, AQTESOLV and Modflow Packages.
- AutoCad
- Arc GIS.
- Virtual Basic Programming.

LANGUAGE CAPABILITY:

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Spanish	Excellent	Excellent	Excellent

8C

Memorandum for Infeasibility

DEPARTMENT OF
HOUSING
GOVERNMENT OF PUERTO RICO

CDBG-DR FUNDS
CDBG-MIT FUNDS

Memorandum to File

Date: October 21, 2025

From: Juan Carlos Muñoz Rivera
F&R Management Services, LLC

Application Number: PR-LIHTC-00058
Project: Apolonia Apartments
Address: Ave. Caridad del Cobre, Bo. Cerro Gordo, Bayamón, PR
Coordinates: Lat: 18.35940271; Lon: -66.18127762

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-LIHTC-00058 under the Low-Income Housing Tax Credit (LIHTC) Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

Per the U.S. Department of Housing and Urban Development's (**HUD**) CPD Notice 23-103, the recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the following reasons:

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental Protection Agency. No

other completed studies and reports on radon testing are available in Puerto Rico.

- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site is in a high-risk area. The Department of Health and Human Services, Centers for Disease Control and Prevention (**CDC**), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI/AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.

- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.

- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

As part of the evaluation for this determination, PRDOH sent information requests to six (6) local agencies at the state and federal levels. We received responses from the following agencies:

- United States Geological Survey;
- Centers for Disease Control and Prevention;
- Puerto Rico Department of Health; and

- United States Environmental Protection Agency.

The agencies mentioned above confirmed the lack of scientific data on Radon testing for Puerto Rico and the technical difficulties that we face to comply with HUD's Radon testing requirement. For the above-mentioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review.

8D

Radon Agency Responses Impracticability of Radon Testing

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Carmen R. Guerrero Pérez
Director
Caribbean Environmental Protection Division
City View Plaza II – Suite 7000
#48 Rd. 165 km 1.2
Guaynabo, PR 00968-8069

Via email: guerrero.carmen@epa.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Oleg Povetko, Povetko.Oleg@epa.gov
Mr. Matthew Laurita, laurita.matthew@epa.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Silvina Cancelos
Professor
College of Engineering
University of Puerto Rico – Mayagüez Campus
259 Norte Blvd. Alfonso Valdés Cobián
Mayagüez, Puerto Rico

Via email: silvina.cancelos@upr.edu

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Dr. Carlos Marín, carlos.marin3@upr.edu

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Jessica Irizarry
Director
Office of Island Affairs
U.S. Centers for Disease Control and Prevention
1324 Cll Canada, San Juan, 00920
Guaynabo, PR 00968-8069

Via email: OIA@cdc.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Anaís Rodríguez
Secretary
Puerto Rico Department of Natural Resources
Carretera 8838, km. 6.3, Sector El Cinco,
Río Piedras San Juan, PR 00926

Vía email: anais.rodriguez@drna.pr.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Luis Márquez, secretariaaire@drna.pr.gov
Eng. Amarilys Rosario, aire@drna.pr.gov
Mrs. Elid Ortega, eortega@drna.pr.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Carlos R. Mellado López
Secretary
Puerto Rico Department of Health
PO Box 70184
San Juan, PR 00936-8184

Via email: drcarlos.mellado@salud.pr.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Raúl Hernández Doble, rhernandez2@salud.pr.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Holly Weyers
Regional Director, Southeast – Puerto Rico
US Geological Survey
3916 Sunset Ridge Road
Raleigh, NC 27607

Via email: hsweyers@usgs.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – if available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. R. Randall Schumann, rschumann@usgs.gov

From: Charp, Paul (CDC/NCEH/DEHSP) <pac4@cdc.gov>
Sent: Tuesday, September 3, 2024 6:36 AM
To: Miranda, Sandra (CDC/PHIC/DPS); Irizarry, Jessica (CDC/PHIC/DPS); Rzeszotarski, Peter (CDC/NCEH/DEHSP); Vinson, D. Aaron (CDC/NCEH/DEHSP)
Cc: Kostak, Liana (CDC/PHIC/DPS); Vazquez, Germaine (CDC/NCEH/DEHSP)
Subject: RE: REHi: Puerto Rico Request for Information- Randon testing and levels

Good morning, Sandra and others,

In response to the request from Mr. William Rodriguez of the Department of Housing, Government of Puerto Rico, I have reviewed all the available data within the CDC National Environmental Public Health Tracking Network system for data related to radon in Puerto Rico. In addition to the tracking data available on the internet, I also reached out to Mr. Aaron Vinson of the NCEH Tracking Branch.

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. Rodríguez in your response to his requests

If you have any additional questions, please contact me.

Thank you and best regards,

Paul A. Charp, Ph.D., Fellow, HPS
Senior Health Physicist
Emerging Environmental Hazards and Health Effects Branch (EEHHEB)
Division of Environmental Health Science and Practice (DEHSP)
National Center for Environmental Health (NCEH)
Centers for Disease Control and Prevention (CDC)
pcharp@cdc.gov
770-488-0723 office
404.388.0614 Cell

From: Schumann, R. Randall <rschumann@usgs.gov>
Sent: Wednesday, August 21, 2024 4:39 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Weyers, Holly S <hsweyers@usgs.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>
Subject: RE: Request for Information- Radon testing and levels

Dear Ms. Medina Smaine,

In the early 1990s the U.S. Geological Survey (USGS) conducted geologic assessments of radon potential for all 50 states and the territories of Guam and Puerto Rico, in collaboration with the U.S. EPA. I conducted the geologic radon potential assessment for Puerto Rico. The PDF file of the report is too large to attach to this message but it can be obtained at https://pubs.usgs.gov/of/1993/0292k/report.pdf. The USGS did not conduct indoor radon testing and we did not conduct field studies associated with this assessment; it was based on existing data. Mr. David Saldana of the Puerto Rico Department of Health kindly provided us with data for 610 homes that were tested for indoor radon by his agency between 1993 and 1995, which are summarized in the report. I am not aware of any other radon-related geologic studies conducted in the Commonwealth of Puerto Rico by the U.S. Geological Survey.

Best regards,

R. Randall Schumann
Scientist Emeritus
U.S. Geological Survey
Geosciences and Environmental Change Science Center
Denver, Colorado, USA
rschumann@usgs.gov
https://www.usgs.gov/staff-profiles/r-randall-schumann

From: Raul Hernandez Doble <rhernandez2@salud.pr.gov>
Sent: Wednesday, August 21, 2024 2:13:31 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Dr. Carlos Mellado <drcarlos.mellado@salud.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Mayra Toro Tirado <mtoro@salud.pr.gov>
Subject: RE: [EXTERNAL]Request for Information- Randon testing and levels

Good afternoon. Ms. Medina

I regret to inform that we do not have any recent information on radon testing, since we do not have a certified radiation laboratory certified for radon testing. There are companies that sell test kits available online that can be done and mailed to a testing laboratory. There are also lists of radon contractors and these companies that process radon testing cartridges with instructions, on the Environmental Protection Agency Indoor air Quality web page. The last radon study in Puerto Rico done by the PR Department of Health was done on the year 1993.

Raul Hernandez Doble
Director, Seccion Salud Radiologica
Division de Salud Ambiental
Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica
rhernandez2@salud.gov.pr
Phone: (787)765-2929 ext. 3210

From: Reyes, Brenda <Reyes.Brenda@epa.gov>
Sent: Wednesday, September 18, 2024 11:48 AM
To: Cesar O Rodriguez Santos <cesarrodriguez@drna.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Silvina Cancelos Mancini <silvina.cancelos@upr.edu>; Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Povetko, Oleg (he/him/his) <Povetko.Oleg@epa.gov>
Subject: RE: Request for Information- Randon testing and levels

Saludos.

La EPA esta trabajando una respuesta a su petición. Se sometió borrador a la directora y el subdirector para su aprobación y firma.

Brenda Reyes Tomassini
Public Affairs
U.S. EPA
Region 2
Caribbean Environmental Protection Division
(787) 977-5869/(787) 977-5865
Mobile: 202-834-1290

From: Silvina Cancelos Mancini <silvina.cancelos@upr.edu>
Sent: Friday, September 6, 2024 15:04
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Reyes, Brenda <Reyes.Brenda@epa.gov>; Povetko, Oleg <Povetko.Oleg@epa.gov>
Subject: Re: Request for Information- Randon testing and levels

Estimada Melanie Medina
Quería dejarle saber que recibimos su correo el 21 de agosto al igual que el de Maritza Rosa el pasado 4 de septiembre. Ya las personas involucradas de EPA, junto conmigo y el Dr. Marín estamos al tanto del asunto y estamos trabajando para poder enviarles la información.

Atentamente

Silvina Cancelos
Professor
Associate Director
Mechanical Engineering Department
University of Puerto Rico - Mayaguez
Call BOX 9000 Mayaguez PR 00680
Tel: 787-832-4040 ext 5956
email: silvina.cancelos@upr.edu

Bubble Dynamics Lab
University of Puerto Rico - Mayagüez

EPA REGION 2
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION

September 23, 2024

VIA EMAIL

William O. Rodríguez Rodríguez, Esq.
Secretary
Puerto Rico Department of Housing
Barbosa Ave. 606 Building Juan C. Cordero
San Juan, PR 00917
Email: W.Rodriguez@vivienda.pr.gov

RE: EPA Response to August 20, 2024 request for information of data on radon testing and levels in Puerto Rico

Dear Honorable Secretary Rodríguez Rodríguez:

This communication is in response to your letter of August 20, 2024 addressed to the Puerto Rico Department of Natural and Environmental Resources (DNER) and referred to the U.S. Environmental Protection Agency (EPA) regarding available data on radon testing and levels within Puerto Rico.

EPA's National Radon Action Plan 2021–2025 sets a goal for the nation to find, fix and prevent high indoor radon levels in 8 million buildings by 2025 and prevent 3,500 lung cancer deaths per year. Under this Plan, leaders from across multiple sectors are working together to plan, guide, and sustain nationwide action to prevent exposure to radon.

Due to the lack of data in Puerto Rico, EPA undertook an investigation in collaboration with the University of Puerto Rico-Mayaguez (UPRM) Campus, Departments of Civil Engineering and Surveying and Mechanical Engineering, to find out if radon presented a problem in Puerto Rico. Up until 2021, the only data we had for Puerto Rico was a 1993-1995 mail-in radon screening study referred to by the U.S. Geological Survey report (USGS, 1995) in which the USGS concluded that several areas of Puerto Rico have the geologic potential to generate indoor radon levels exceeding the EPA Action Level of 4 pCi/L (picocuries per liter), perhaps locally reaching very high levels above 50 pCi/L, if a house construction and ventilation allow for soil-gas radon to enter and concentrate within the structure.[1] According to the USGS report, most of these areas are located in the northwest part of the island. Please note that the actual 1993-1995 study documentation is not available to the EPA.

Typical radon testing technology used in mainland United States (charcoal canisters or electric-powered devices) are impractical in Puerto Rico because of high humidity and power outages. The recovery and rebuilding of communities following the aftermath of 2017 Hurricanes Irma and Maria presented an opportunity to develop radon prevention and mitigation strategies in 2019. Initially, EPA sampled indoor radon air in over 170 single-family residences in the municipalities of San Sebastian, Lares, Ciales, Arecibo, Morovis, Camuy, and Hatillo and later expanded the project to other municipalities such as Rincon, Aguada, Aguadilla, Isabela, Quebradillas, Barceloneta and Vega Baja. The quality assurance protocols were anchored in American National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST) standards of practice (ANSI/AARS, 2019). The sampling was designed in two stages: scoping and confirmatory sampling. The scoping sampling was conducted using Corentium Home (CH) electronic monitors and E-Perm systems. Locations measuring above the EPA Action Level of 4 pCi/L with CH were measured at the second stage of the sampling using RAD7 and Corentium Pro Continuous Radon Monitors (CRMs). Nationally certified radon sampling professionals led by one such professional from the UPRM conducted confirmatory sampling in the second stage. Also, during the study, the nationally certified radon mitigation professionals inspected several homes with elevated indoor radon levels.

Mapping radon in Puerto Rico proved to be a complicated endeavor given the COVID-19 pandemic in 2020. EPA and UPRM continue to work on the project, however, results have not been finalized, and no scientific report has been published yet. Unfortunately, EPA cannot share preliminary data at this time because it contains privileged information. Nevertheless, preliminary data from the study does show homes with levels over 4 pCi/L (EPA Action Level) that might need mitigation to protect the health of their inhabitants.

Although many states have developed laws and regulations governing radon disclosure, certification, and mitigation, Puerto Rico lacks legislation or mandatory radon testing provisions for new construction, remodeling, selling or buying homes. Given this loophole and aiming to answer your request, the EPA can provide information on Best Management Practices for sampling indoor radon in Puerto Rico.

[1] **Reference**: USGS. Geologic Radon Potential of Guam and Puerto Rico, Report 93-292-K. Washington, DC: USGS. Retrieved 9/11/2024, from https://pubs.usgs.gov/of/1993/0292k/report.pdf.

CITY VIEW PLAZA II BUILDING, 7TH FLOOR
ROUTE 165 GUAYNABO, PR 00968

If you have any questions or need any additional information, please contact me at 787-977-5865 or guerrero.carmen@epa.gov or have your staff contact Reyes, Brenda at reyes.brenda@epa.gov or (787) 977-5869.

Sincerely,

CARMEN GUERRERO PEREZ

Digitally signed by CARMEN GUERRERO PEREZ
Date: 2024.09.23 09:41:39 -04'00'

Carmen R. Guerrero Pérez
Director

cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)
Melany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriguez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@drna.pr.gov

9

United States Fish and Wildlife Service (USFWS) Critical Habitat Map and Memorandum

Critical Habitat Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Legend

Project Site

0 0.02 0.04 0.08 mi

N W E S

10/23/2025 10:12 AM

DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO

MEMORANDUM

October 30, 2025

To: File

From: Permits and Environmental Compliance Division
Disaster Recovery Office, CDBG-DR/MIT

Project: Apolonia Apartments (PR-LIHTC-00058)

Subject: Section 7 Consultation Confirmation and Status Determination with the U.S. Fish and Wildlife Service

---

The Puerto Rico Department of Housing (PRDOH) under the CDBG-DR Gap to Low Income Housing Tax Credits Program (LIHTC) is proposing the project Apolonia Apartments (PR-LIHTC-00058), located in PR-840 Road Km 0.5, Cerro Gordo Ward, Bayamón, PR 00956; coordinates 18.359743, - 66.181075. The project's scope of work involving U.S. Housing and Urban Development (HUD) funding aims to provide affordable housing in Puerto Rico by constructing a residential community of one hundred thirty-eight (138) apartment units.

The goal of the LIHTC Program is to encourage the development and rehabilitation of affordable rental housing. The program awards developers federal tax credits to offset construction costs in exchange for agreeing to reserve a certain fraction of units that are rent-restricted for lower-income households.

As the Responsible Entity, PRDOH conducted its due diligence for the evaluation of the Federally Listed Threatened and Endangered Species, in accordance with Section 7 of the Endangered Species Act. The proponent, Rivas Consultation Engineers on behalf of Alvarez-Díaz & Villalón (AD&V), summitted a request for the evaluation and endorsement of the project to the U.S. Fish and Wildlife Service on November 11, 2020.

The Service stamped the submitted documentation on November 16, 2020, stating:

"We have reviewed the information provided in your letter and our files, and concur with your determination that the proposed project will have no adverse impacts to any endangered species and or critical habitat. In view of this, we believe that requirements of section 7 of the Endangered Species Act (Act) have been satisfied. However obligations under section 7 of the Act must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner that was not previously considered; (2) this action is subsequently modified in a manner not previously considered in this assessment; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action."

This memorandum serves to inform stakeholders that PRDOH sought to obtain validation from the Service confirming that the consultation package submitted by the applicant, as well as the Service's determinations, in November 2020, remain unchanged. Accordingly, on October 3, 2025, PRDOH prepared and formally submitted a confirmation letter to the USFWS referencing the previously submitted consultation package, with the intent of obtaining a concurrence response reaffirming the original determination.

However, due to the federal government shutdown effective October 1, 2025, no response or confirmation from the USFWS is anticipated at this time. Therefore, the project will proceed under the original consultation, and its associated determination remains valid. Consequently, the project activities will continue to be identified as consistent with the prior finding of "*no effect and/or no adverse effect*".

Abdul X. Feliciano-Plaza
Permits and Environmental Compliance Specialist

Aldo A. Rivera-Vázquez, PE
Director – Permits and Environmental Compliance Division

9a

United States Fish and Wildlife Service (USFWS) Informal Consultation Package

September 30, 2025

Lourdes Mena
Field Supervisor
Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
Office Park I, Suite 303
State Road #2 Km 156.5
MayagOez, Puerto Rico 00680
Email: Caribbean_es@fws.gov; Lourdes_Mena@fws.gov

RE.: Puerto Rico Department of Housing / CDBG-DR LIHTC Program
PR-LIHTC-00058 – Apolonia Apartments
Validation of Determination for Section 7 of the Endangered Species Act

The Puerto Rico Department of Housing (PRDOH), under the CDBG-DR Gap to Low Income Housing Tax Credits Program (LIHTC), is proposing the project **Apolonia Apartments**, located in Urb. Panorama PR-840, Cerro Gordo Ward, Bayamón, Puerto Rico. The project's scope of work involving U.S. Housing and Urban Development (HUD) funding includes the construction of a residential community of **214 housing units** (following the detailed design phase and a comprehensive review of cost-effectiveness, site capacity, and program requirements, the total number of units was revised to 138. This adjustment ensures that the project remains financially feasible, aligns with HUD and PRHFA program guidelines, optimizes land use and infrastructure design, and delivers a sustainable and high-quality residential community that meets all regulatory and affordability objectives), distributed in one-, two-, and three-bedroom apartments ranging between 800 and 1,220 square feet, across five apartment buildings of three stories each, with a total of 151 parking spaces. The community amenities will include an administrative office, outdoor recreation areas, green areas, controlled parking access, playground, gazebos, mailing area, garbage and recycling areas, and other communal facilities.

The goal of the LIHTC Program is to encourage the development and rehabilitation of affordable rental housing. The program awards developers federal tax credits to offset construction costs in exchange for agreeing to reserve a certain fraction of units that are rent-restricted for lower-income households.

As the Responsible Entity, PRDOH is performing its due diligence for the evaluation of the Federally Listed Threatened and Endangered Species, in accordance with Section 7 of the Endangered Species Act. The proponent, **Rivas Consultation Engineers on behalf of Alvarez-Díaz & Villalón (AD&V)**, submitted a request for the evaluation and endorsement of the project to the U.S. Fish and Wildlife Service dated November 11, 2020.

After evaluating the information provided, the existing conditions of the project area, and the project scope, Rivas Consultation Engineers concluded that there will be **no effect or no adverse effect** on any federally listed endangered species or designated critical habitat within the area.

We have reviewed the information provided in your letter and our files and concur with your determination that the proposed project will have no adverse impacts on any endangered species or critical habitat. In view of this, we believe that requirements of Section 7 of the Endangered Species Act (Act) have been satisfied. However, obligations under Section 7 of the Act must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner that was not previously considered; (2) this action is subsequently modified in a manner not previously considered in this assessment; or (3) a new species is listed or critical habitat determined that may be affected by the identified action.

PRDOH requests validation from the Service that the consultation package sent by the applicant on **November 2020** and the Service's determinations have not changed.

We look forward for your determination in order to step forward our environmental review process.

For more information, please contact the Permits and Environmental Compliance Division at environmentcdbg@vivienda.pr.gov or at (787)274.2527 ext. 4320.

Sincerely,

Aldo A. Rivera-Vazquez, PE
Director
Permits and Environmental Compliance Division

Attachments:
2020 USFWS Endorsement and Consultation Package

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
PO Box 491
Boquerón, PR 00622

In Reply Refer To:
FWS/R4/CESFO/72021-Gen

Eng. Maritza Rivas
Rivas Consulting Engineers, P.E, MEPM, CPESC
P.O. Box 2027
Guaynabo, P.R. 00970

Re: Apolonia Apartments
Bayamón, Puerto Rico

Dear Eng. Rivas

Thank you for your letter of November 11, 2020 requesting comments on the proposed project. As per your request, our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

Rivas Consultation Engineers on behalf of Alvarez-Díaz & Villalón (AD&V,proponent) is proposing a residential development of combined housing of 214 units distributed in 1, 2 or 3 bedroom units, fluctuating between 800 and 1,220 sq. ft. distributed in 5 apartment buildings, 3 levels each with 151 parking spaces. In addition, the community will have an administrative office, outdoor recreation areas, green areas, controlled parking access, playground, gazebos, mailing area, garbage and recycling areas and other communal amenities. This project will be located in Urb. Panorama PR-840 in Cerro Gordo in the Municipality of Bayamón, Puerto Rico.

After evaluating all the information available, the project area existing conditions and project scope, Rivas Consultation Engineers concludes that there will be no effect and or no adverse effect on any possible federally listed endangered species or designated critical habitat in the area.

We have reviewed the information provided in your letter and our files, and concur with your determination that the proposed project will have no adverse impacts to any endangered species and or critical habitat. In view of this, we believe that requirements of section 7 of the Endangered Species Act (Act) have been satisfied. However obligations under section 7 of the Act must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner that was not previously considered; (2) this action is subsequently modified in a manner not previously considered in this assessment; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action.

Thank you for the opportunity to comment on this project. If you have any questions or require additional information, please contact Marelisa Rivera at marelisa_rivera@fws.gov.

Sincerely yours,

MARELISA RIVERA

Digitally signed by MARELISA RIVERA
Date: 2020.11.16 12:37:20 -04'00'

For Edwin E. Muñiz
Field Supervisor

drr

PROJECT INFORMATION	
Name	Apolonia Apartments
Project Number	AD&V-18016
Date	September 22, 2025.
Re	Project Memorandum

ALVAREZ-DIAZ & VILLALÓN

PROJECT'S GENERAL INFORMATION

Description of the Land Parcel	*PARCEL located in the Cerro Gordo neighborhood within the municipality of Bayamón, Puerto Rico, as described in the registration plan, with a surface area of THIRTY-FOUR THOUSAND ONE HUNDRED FORTY-ONE POINT FOUR THOUSAND ONE HUNDRED THIRTY-EIGHT TEN-THOUSANDTHS OF SQUARE METERS (24,141.4138 sq. m.), equivalent to EIGHT CUERDAS AND SIX THOUSAND EIGHT HUNDRED SIXTY-FIVE TEN-THOUSANDTHS OF CUERDAS (8.6865 cuerdas). Northeast: In several alignments, with a total distance of TWO HUNDRED EIGHTEEN POINT THREE HUNDRED SIXTY-EIGHT THOUSANDTHS METERS (218.368 m.), bordering the properties of two neighbors — Rafael Ithier and Manuel Reyes. Southeast: In several alignments, with a total distance of THREE HUNDRED EIGHTY-FIVE POINT SEVEN HUNDRED FOURTEEN THOUSANDTHS METERS (385.714 m.), bordering the Los Cipreses cemetery and the Metropolitan Memorial Park. Northwest: In several alignments, with a total distance of THREE HUNDRED EIGHT POINT THREE HUNDRED FIFTEEN THOUSANDTHS METERS (308.315 m.), bordering the southeast boundary of the proposed Caridad del Cobre Main Street easement.*

DEVELOPER	
Name:	Puerto Rico Apolonia Apartments LLC
Authorized Representative:	Esteban Estrada
Address:	8 S Michigan Ave STE 3100, Chicago, IL, 60603-3267
Telephone:	(787)474-3672
PROPONENT AND PROJECT DESIGNER	
Name:	Álvarez-Diaz & Villalon® (ADVision, PSC)
Authorized Representative:	Arq. Antonio Garate
Address:	PO Box 16318, San Juan PR 00908-6318
Telephone:	(787) 754-1381
Email:	permits@advfirm.com
CADASTER	
Number:	15-113-041-001-46-000

REGISTRY INFORMATION

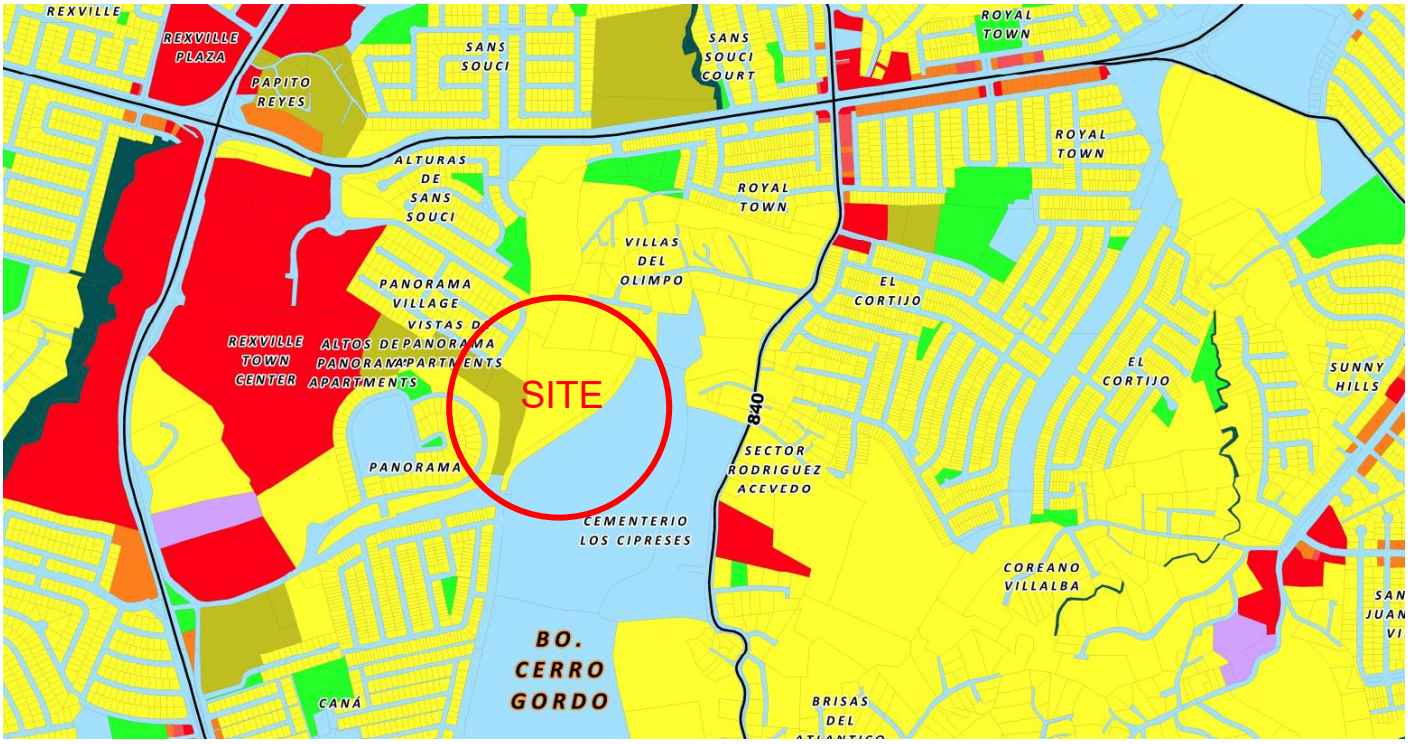
Deed	Property	Volume	Page	Record
No. 13	No. 72000	No. 1722	No. 71	Bayamón, Sección Primera

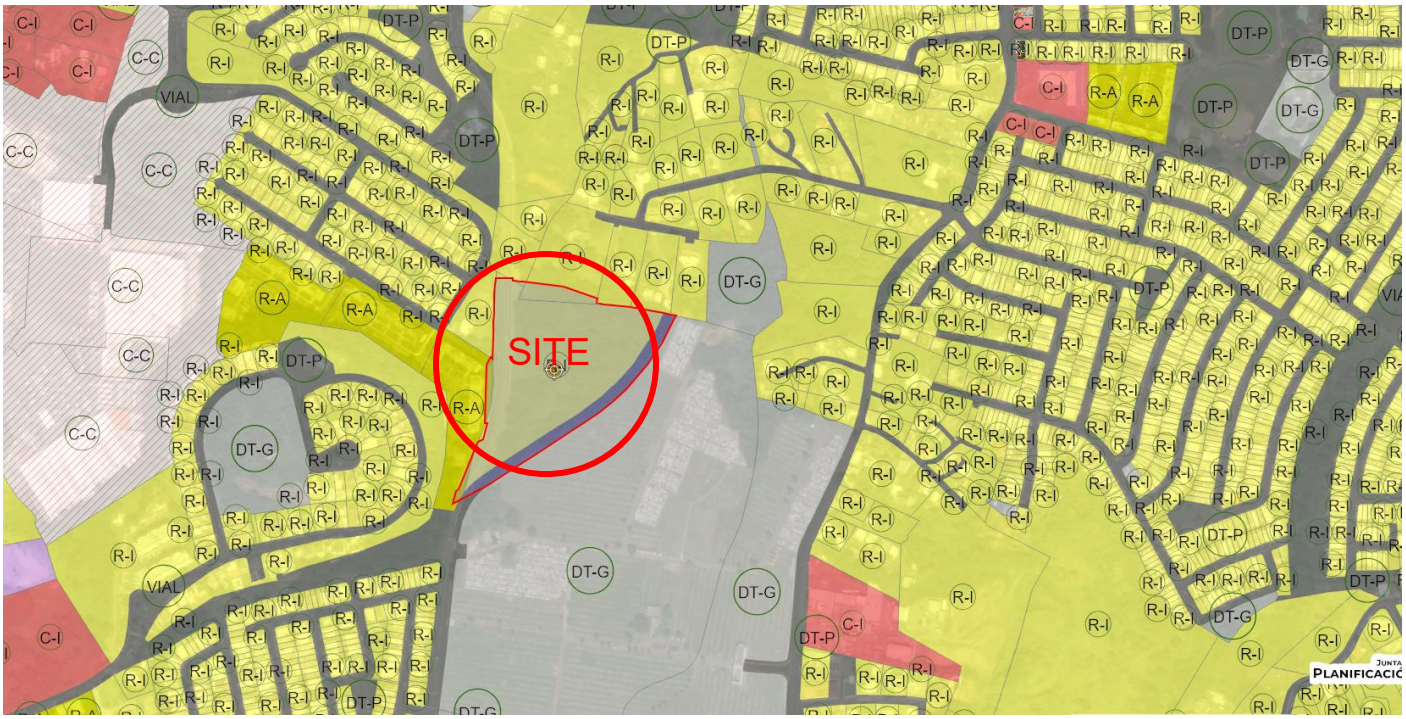
LAND CLASSIFICATION	
Classification:	R-I (Intermediate Residentia/Residencial Intermedio)
Page:	Land Use Classification Map Autonomous Municipality of Bayamón Resolution JP-PT-15-15

Effective Period:	December 12, 2012	
Municipality:	Bayamón	
FLOODABILITY		
Zone:	X	
Page:	72000C0710H	
Effective Period:	April 13, 2018	
LOCATION		
Coord. Lambert NAD 83:	X: 226639.0698	Y: 258244.1743
Google Geo. Coord.:	LAT. 18.35940269	LONG. -66.18127764
AREA		
According to the deed:	34,141.4138 sq. mts. / 8.6865 cuerdas / 8.4365 acres	
According to the survey:	34,141.4138 sq. mts. / 8.6865 cuerdas / 8.4365 acres	
NEIGHBORING		
North:	Manuel Reyes, Charlie Castro	
South:	Los Cipreses Cementery, EMP Stewart Cementerios INC.	
East:	Los Cipreses Cementery, EMP Stewart Cementerios INC.	
West:	Panorama Residential Development	

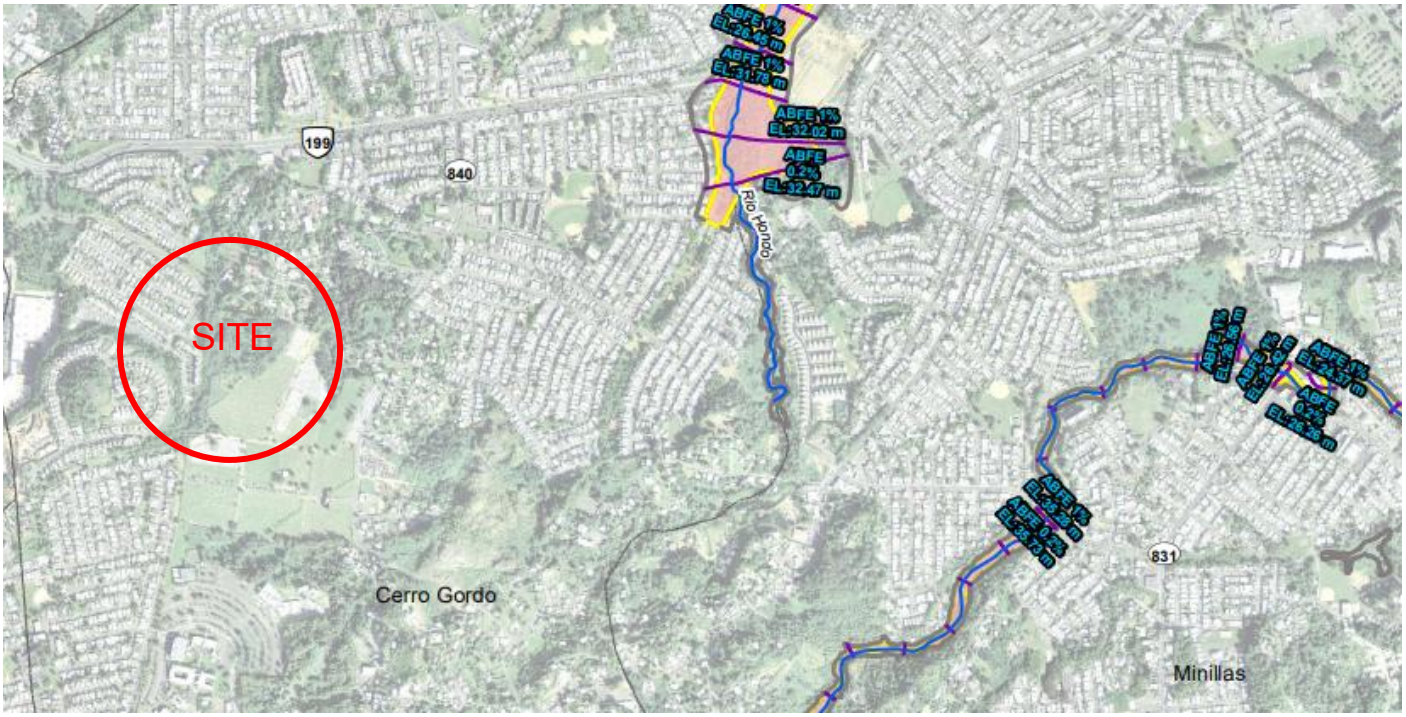
AERIAL PHOTO (LOCATION)

CLASSIFICATION MAP





FLOOD HAZARD MAP



PROJECT DESCRIPTION

The Apolonia Apartments development consists of a residential complex of walk-up apartment buildings, made up of social interest housing units in accordance with the R-I (Intermediate Residential) district classification, as per the Land Use Classification Map of the Autonomous Municipality of Bayamón, effective since December 20, 2012.

According to the 2023 Joint Regulation, on Sheet 362, Rule 6.1.3 – Section 6.1.3.2, the R-I district is designated for residential areas with intermediate population density, allowing various types of housing, including apartment buildings. Likewise, on Sheet 302 of Volume V – Urbanizations, Subdivisions, and Social Interest Housing, Rule 5.2.2 – Section 5.2.2.6, it is established that walk-up/walk-down apartment buildings are permitted.

The project is located on PR-840 Road, on Parcel B in the Cerro Gordo neighborhood of the Municipality of Bayamón. The lot has a surface area of 8.6865 cuerdas, approximately 34,141.4138 square meters, equivalent to 8.4365 acres. The project borders the new Caridad del Cobre Avenue, which will serve as the access road to the proposed complex.

The project includes 138 apartment units, with two and three bedrooms ranging from 860 sq.ft. to 1,340 sq.ft. per unit, distributed across 5 buildings, each with 3 levels. Of the total 8.4365 acres, 4.05 acres will be permanently developed for these facilities, while the remaining 4.39 acres will be temporarily affected by construction activities such as grading, utility installation, drainage improvements, and landscaping, and will later become open spaces or green areas.

The gated complex will include amenities such as a Community Center of approximately 6,510 sq.ft., which will house a community kitchen, gym, cistern, bike storage, administrative offices, and a designated area for mailboxes. The project also includes access to recreational and outdoor exercise spaces, playground areas complemented by two gazebos, a half basketball court, and recycling and trash zones. The project designates 156 parking spaces as required by the 2023 Joint Regulation for Permits for Construction Works and Land Use by the Puerto Rico Planning Board, in accordance with its R-I zoning.

INFRASTRUCTURE

The project will include potable water, sanitary and storm sewer systems, and electric power services. These services will be provided through connections to existing facilities in the area, in accordance with recommendations from the relevant agencies. These systems will be complemented by cisterns, electric generators, and solar panels, making the project a safe and resilient place.

PROJECT PURPOSE

The purpose of Apolonia Apartments is to benefit 138 Puerto Rican families with subsidized housing in a safe, resilient, and dignified environment that meets the contemporary needs of families with limited resources.

NEIGHBORHOOD AND INTEGRATION

The project's design considers the scale of its surroundings and harmonizes with the urbanized communities of Panorama, Alturas de Sans Souci, Bosque Sereno, etc. The estimated cost of the project is approximately $40,000,000.00, which will generate around 100 direct jobs and 50 indirect jobs during the construction period.

APPLICABLE REGULATIONS

- Territorial Plan Regulation of the Autonomous Municipality of Bayamón (Reglamento de Plan Territorial del Municipio Autónomo de Bayamón)
- 2023 Joint Regulation for Permits for Construction Works and Land Use by the Puerto Rico Planning Board (Reglamento Conjunto de Permisos para Obras de Construcción y Usos de Terreno 2023 de la Junta de Planificación de Puerto Rico)
- Planning Regulation No. 13 (Reglamento de Planificación Núm. 13) and National Flood Insurance Program (NFIP)
- International Building Code 2018
- International Fire Code 2018
- Puerto Rico Building Code 2018
- American with Disabilities Act
- American Society of Civil Engineer ASCE 24 & 7
- Puerto Rico Law 218-2008 Control and Prevention of the Lighting Pollution of Puerto Rico
- PR EQB 2014: Regulation to Control and Prevent Light Contamination

ANNEX:

- ANNEX 1: Table of Analysis of Required Parameters According to Zoning

ZONING REQUIREMENTS					
REFERENCE	Reglamento Conjunto 2023				
MUNICIPALITY	Bayamón				
PARAMETER	REQUIREMENTS	PROPOSED	REGULATION		VARIATION
			SEC.	PAG.	
Use Classification	R-I (Casa de Apartamento)	R-I (Casa de Apartamento)	6.1.3	362	NO
Lot Size	275 mc. min	34,145.3 m.c.	6.34	365	NO
Density	1 u.b.v. per 150mc. (227 u.b.v.)	138 u.v.b.	6.1.3.4	363	NO
Occupancy Area	50% max (17,072.6 mc)	15% 5,302mc	8.3	544	NO
Gross Floor Area	160% max (54,632.5 mc)	44% 15,255mc	8.1.4.3	545	NO
Height	2x road width (15 m máx.)	9.5 m.	6.1.3.4	363	NO
SETBACKS					
Front	3.00 m. min	3.00 m.	8.3	544	NO
Rear	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
Right	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
Left	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
OTHER PARAMETERS					
Cornices and Overhangs	1.00 m max	1.00 m.	8.1.3.3	543	NO
Fences	2.00 m.	2.00 m.	8.3.2.1	553	NO
Distances Between Buildings	15.00 m min	15.00m	8.3	544	NO
PARKING					
USES					
Housing Units	138	138	8.5.3.1	564	NO
Visitor	10% additional (14 min)	14	8.5.3.1	564	NO
Loading and Unloading Area	4 for first 100	8	8.5.3.2	567	NO

- ANNEX 2: Table for Determination of Total Area.

DETERMINATION OF TOTAL AREA			
Area type	Area (SF)	Area (Acres)	Use-Based Classification
Gazebos	908.00	0.0208	Permanent
Recreational Area / Playground	7,702.00	0.1768	Permanent
Building Area	73,954.00	1.6978	Permanent
Court Area	2,975.00	0.0683	Permanent
Pavement, Sidewalk, Street	90,597.00	2.0798	Permanent
Active Green Areas	14,939.00	0.343	Permanent
Subtotal – Permanent Area	**191,075.00**	**4.3865**	**Developed**
Passive Green Area / Slopes	172,222.00	3.9537	Temporary
Retention Pond	4,197.00	0.0963	Temporary
Subtotal – Temporarily Affected	**176,419.00**	**4.050**	**Temporary**
Total Site Area	367,494.00	8.4365	Total

USFWS Consultation

Project Name: Apolonia Apartments
Avenida Caridad del Cobre
Urb. Panorama
Barrio Cerro Gordo
Bayamón, PR 00957

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039

Proponent: Maritza Rivas, P.E, MEPM, CPESC
PO Box 2027 Guaynabo PR, 00970
787-317-9260
rivas.permisos@gmail.com

I. Project Description

The proposed Project is a Residential Development of Combined Housing (traditional and affordable rent) that will be located in the Cerro Gordo ward in the Autonomous Municipality of Bayamon. The site is surrounded by:

- North: Private residences.
- South: Los Cipreses Cemetery.
- East: Los Cipreses Cemetery.
- West: Caridad del Cobre Ave. and Panorama Developments.

The development will include 138 units distributed in 1, 2 and 3 bedroom units, fluctuating between 800 and 1,220 sq. ft. Units will be distributed in 5 apartment buildings, 3 levels each.

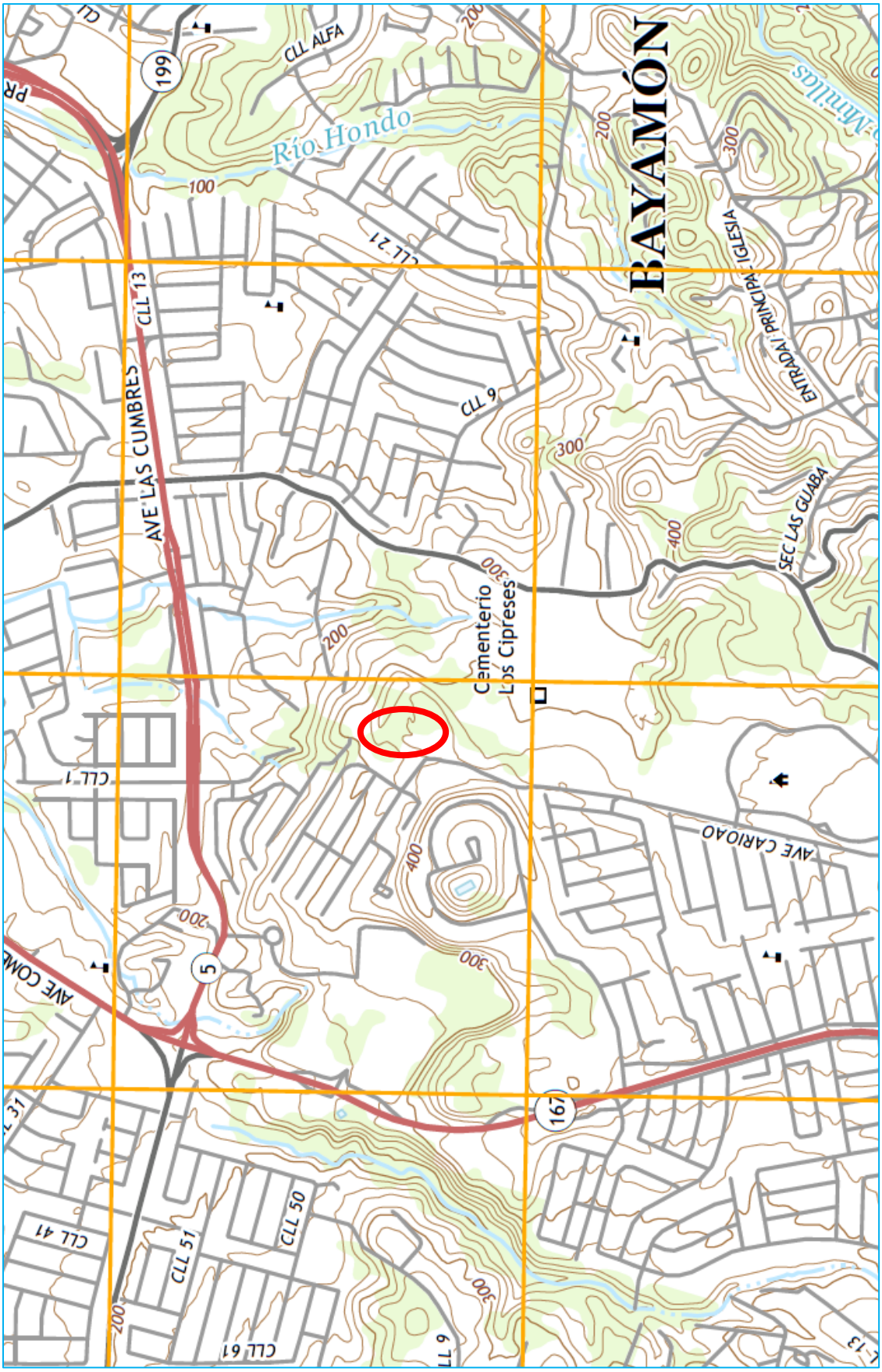
In addition, the community will have areas such as administrative offices, outdoor recreation areas, green areas, controlled parking access, playground, gazebos, mailing areas, garbage and recycling areas and other communal amenities. The proposed project will have 151 parking spaces.

The estimated duration of this project is 24 months.

II. USGS topographic map (1:20,000) marked in red.
<u>Naranjito</u>

See next page

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments



Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

III. Aerial photos of the project site

Google Earth

May 2020 (Currently)

Google Earth shows the latest aerial photography. It shows an area completely covered by vegetation and surrounded by multifamily residential complexes, single family residences and a vast area of "Los Cipreses" Cemetery.

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

The following historical aerial pictures show the impacts on this site since 1994.

<u>November 2014</u>

The Google Earth Pro Map for 1994 shows the construction of the Urb. Panorama Village. According to these images the proposed site for development was completely deforested as this area was used as a staging area and offices for the construction of the "Urb. Panorama Village". Currently the property is covered by fast growing species and no structures are found on site.

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

April 2016

In April 2016 we observe the beginning of the construction of the Connector or "Avenida Caridad del Cobre" which will connect Road PR-830 roads with PR-199.

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

November 2018

By November 2018, the work of the Connector or "Avenida Caridad del Cobre" which joins the PR-830 roads with the PR-199 is completed.

IV. Photos of the project site

The site is covered with vegetation that has grown over the past 6 years, rapid growth vegetation.

Picture from Ave. Caridad del Cobre

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

Picture from Ave. Caridad del Cobre

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

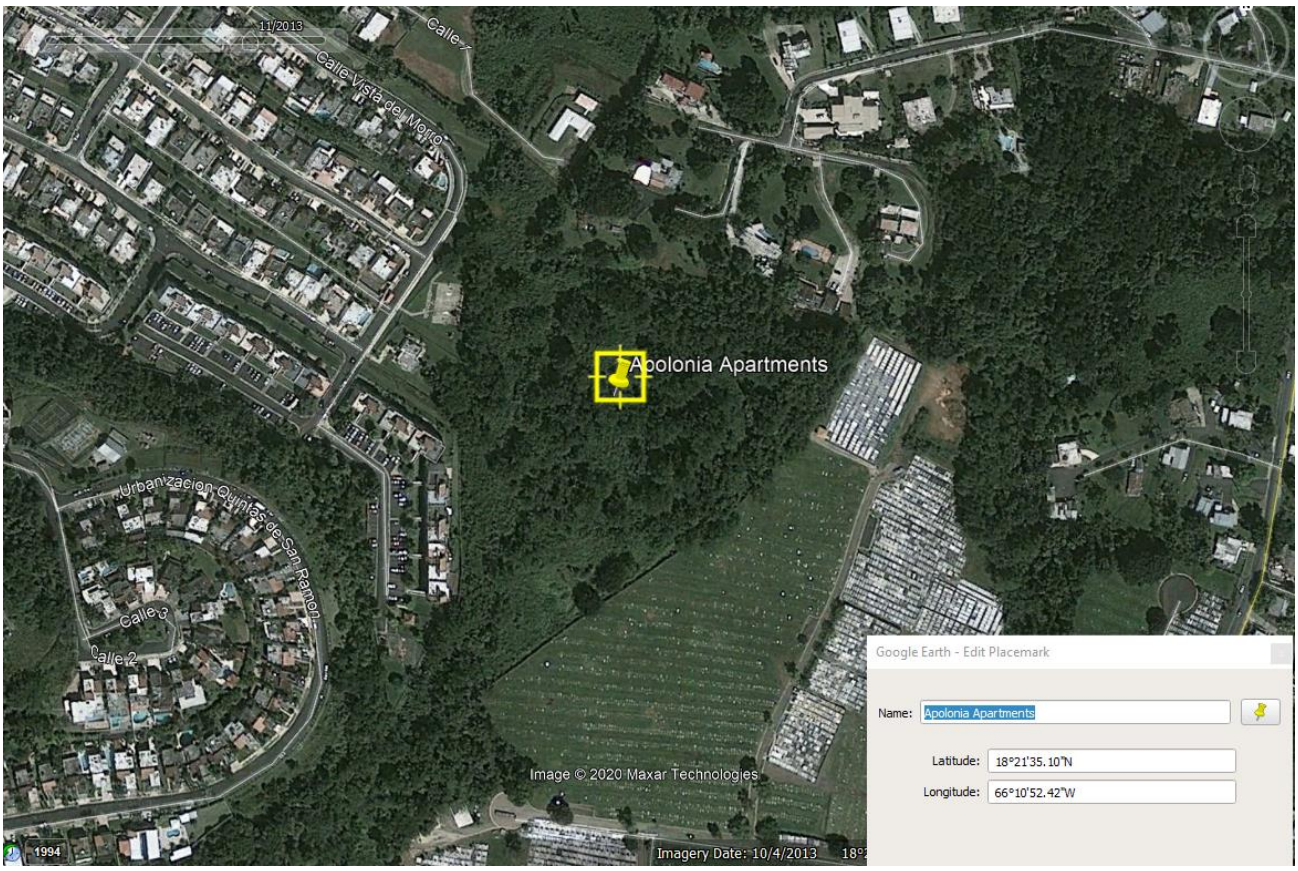
Pictures inside the site

Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments

V. Latitude and Longitude coordinates (degrees/minutes/seconds)

Latitude: 18º 21’ 35.10” N

Longitude: -66 10’ 52.42” W



VI. Environmental Documents

a) Flora and Fauna Assessments (VI.a)
b) Soil Studies
c) Wetlands Delineations
d) Environmental Impacts Statement

VII. Additional Documents:

a) Initial Consultation: 04EC1000-2021-SLI-0033

VIII. Effect Determination

ESTUDIO DESCRIPTIVO DE FLORA Y FAUNA

DESARROLLO RESIDENCIAL CARIDAD DEL COBRE
BARRIO CERRO GORDO, BAYAMÓN

Preparado para:
Desarrollos Reales, Inc.

Preparado por:

COLL RIVERA ENVIRONMENTAL

Environmental Studies,
Permitting and Consulting

JUNIO 2019

TABLA DE CONTENIDO

Resumen Ejecutivo 1
Introducción 3
Descripción del Área de Estudio 5
Climatología 5
Topografía 6
Hidrografía 6
Descripción y Clasificación de Suelos 6
Metodología del Estudio 8
Visita de Reconocimiento 8
Consulta de los Mapas de la Oficina del Programa de Patrimonio Natural del Departamento de Recursos Naturales y Ambientales (DRNA) 8
Consulta de los Mapas de Índice de Sensitividad Ambiental (ESI, por sus siglas en inglés) de la Administración Oceánica y Atmosférica Nacional (NOAA, por sus siglas en inglés) 8
Información para la Planificación y Consulta (IPaC, por sus siglas en inglés) del Servicio de Pesca y Vida Silvestre de los Estados Unidos (USFWS, por sus siglas en inglés) 9
Trabajo de Campo 9
Análisis de Datos 10
Resultados y Discusión 11
Otras Fuentes de Información 12
Asociaciones Ecológicas y Biodiversidad 13
Conclusiones 14
Referencias 15
APÉNDICES 18
Apéndice A: Figuras 19
Figura 1: Mapa de Localización (1:20,000) 20
Figura 2: Foto Aérea (1:20,000) 21
Figura 3: Foto Aérea 2010 (1:5,000) 22
Figura 4: Foto Aérea 1994 (Google Earth) 23
Figura 5: Mapa Hidrográfico 24
Figura 6: Mapa de Suelos 25
Figura 7: Mapa del Índice de Sensitividad Ambiental 26
Figura 8: Ampliación del Índice de Sensitividad Ambiental 27
Figura 9: Cubierta del Terreno Según Helmer et. al. 28
Apéndice B: Inventario de Flora y Fauna 29
Apéndice C: INFORMACIÓN para la PLANIFICACIÓN y CONSULTA (IPaC, por sus siglas en inglés) del SERVICIO de PESCA y VIDA SILVESTRE de los ESTADOS UNIDOS (USFWS, por sus siglas en inglés) 30
Apéndice D: Documentación Fotográfica 31

Resumen Ejecutivo

Desarrollos Reales, Inc. propone la construcción de un desarrollo residencial de vivienda combinada (renta tradicional y asequible) en un predio de aproximadamente 34,145.3 m² (8.69 cuerdas), localizado en la Urbanización Panorama, Parcela B, Carretera Estatal PR-840 (conocida como la nueva Avenida Caridad del Cobre), en el Barrio Cerro Gordo del Municipio de Bayamón, Puerto Rico (ver **Apéndice A**, **Figuras 1** y **2**).

Este documento constituye el Estudio Descriptivo de Flora y Fauna en el área propuesta para este Proyecto. El propósito de este estudio es:

- Evaluar y describir la flora y fauna general del lugar propuesto,
- Describir las asociaciones ecológicas existentes, y
- Determinar la presencia de elementos o especies críticas, amenazadas o en peligro de extinción.

Según las imágenes de Google Earth (2019), el predio fue deforestado e impactado casi en su totalidad alrededor del año 1994 (ver **Figura 4**), cuando se construía la Urbanización Panorama Village. Por lo tanto, la mayor parte del predio se encuentra cubierto por especies exóticas pioneras de rápido crecimiento, en donde dominan la yerba de guinea (*Megathyrsus maximus*), la albicia (*Albizia procera*), el kudzú tropical (*Pueraria phaseoloides*), la caña de azúcar silvestre (*Saccharum spontaneum*), la yerba venezolana (*Paspalum fasciculatum*), y la *Ipomoea purpurea* (no se conoce nombre común). No obstante, existe una franja estrecha de bosque que se encuentra en el lado noreste, en la pendiente que colinda con el Cementerio Los Cipreses hacia el este. Esta área está dominada por especies de árboles nativos. El total de especies de plantas fue de 72, divididas en 35 familias. No se encontró ninguna especie de flora designada como elemento crítico, amenazada o en peligro de extinción.

Por otro lado, las especies de fauna dominantes son el pitirre (*Tyrannus dominicensis*), el chamorro negro (*Tiaris bicolor*) y el lagartijo de las yerbas (*Ctenonotus pulchellus*). El

total de especies de animales fue de 27, divididas en 17 familias. Entre éstas, existen seis especies endémicas para Puerto Rico. Estas son la calandria (*Icterus dominicensis portoricensis*), el pájaro carpintero de Puerto Rico (*Melanerpes portoricensis*), el San Pedrito (*Todus mexicanus*), el coquí común (*Eleutherodactylus coqui*), el coquí de las yerbas (*Eleutherodactylus brittoni*) y el coquí churí (*Eleutherodactylus antillensis*). No se encontró ninguna especie de fauna designada como amenazada o en peligro de extinción. Sin embargo, la calandria (*Icterus dominicensis portoricensis*) está designada como elemento crítico por el Departamento de Recursos Naturales y Ambientales (DRNA).

El **Apéndice B** incluye el inventario de flora y fauna del Proyecto.

Introducción

Alvarez-Díaz & Villalón (AD&V) propone la construcción de un desarrollo residencial de vivienda combinada (renta tradicional y asequible) en un predio de aproximadamente 34,145.3 m² (8.69 cuerdas), localizado en la Urbanización Panorama, Parcela B, Carretera Estatal PR-840 (conocida como la nueva Avenida Caridad del Cobre), en el Barrio Cerro Gordo del Municipio de Bayamón, Puerto Rico (ver **Apéndice A**, **Figuras 1** y **2**).

El desarrollo contemplará unas 214 unidades de vivienda de 1, 2 y 3 dormitorios, que fluctúan entre 626 y 1,220 pies cuadrados. Las unidades serán distribuidas en edificios de apartamentos de 3 y 4 niveles.

Además, el proyecto contempla tener un edificio que incluye área comunitaria y convivencia, junto con oficinas administrativas, con un área aproximada de 3,000 pies cuadrados. También, el proyecto incluye áreas recreativas al aire libre, áreas verdes, estacionamiento con acceso controlado, paseos, parque infantil, gazebos, áreas de correo, áreas para desperdicios sólidos y reciclaje, y otras amenidades de apoyo comunitario. El proyecto contará con 238 estacionamientos.

Este documento constituye el Estudio Descriptivo de Flora y Fauna para el área propuesta para este Proyecto. El propósito de este estudio es:

- Evaluar y describir la flora y fauna general del lugar propuesto,
- Describir las asociaciones ecológicas existentes, y
- Determinar la presencia de elementos o especies críticas, amenazadas o en peligro de extinción.

Este Estudio de Flora y Fauna se llevó a cabo de acuerdo a los procedimientos recomendados por el DRNA y USFWS, utilizando métodos de muestreo ajustados a las características y condiciones del área de estudio. El esfuerzo previo al trabajo de campo

incluyó una consulta con el Inventario de Especies Críticas de la Oficina de Patrimonio Natural del DRNA.

Este documento contiene las siguientes secciones:

- Descripción del área de Estudio,
- Metodología del Estudio,
- Resultados y Discusión,
- Conclusiones y Recomendaciones, y
- Apéndices

El trabajo de campo realizado para obtener los datos para este Estudio Descriptivo de Flora y Fauna se llevó a cabo durante el mes de mayo de 2019.

Descripción del Área de Estudio

El predio en donde se propone el proyecto ubica en un terreno de aproximadamente 8.69 cuerdas (el Proyecto). Este terreno está ubicado en la Urbanización Panorama, Parcela B, Carretera Estatal PR-840 (conocida como la nueva Avenida Caridad del Cobre), en el Barrio Cerro Gordo del Municipio de Bayamón, Puerto Rico (**Apéndice A, Figuras 1**, **2** y **3**). El mismo colinda al norte con varias residencias; al este y sur con el Cementerio Los Cipreses y al oeste con la nueva Avenida Caridad del Cobre.

El predio del Proyecto se encuentra dentro de la zona de vida conocida como Bosque Húmedo Subtropical (Ewel y Whitmore, 1973). La zona de vida del bosque húmedo subtropical es la más extensa de todas las zonas existentes en Puerto Rico. El Bosque húmedo subtropical cubre aproximadamente 5,500 Km² o un 58% del total del área de la Isla. En esta zona de vida la precipitación promedio anual es de 1,100mm a 2,200mm y una temperatura promedio de 18 a 24°C.

La mayoría del Bosque Húmedo subtropical ha sido deforestado en un momento u otro. Esto se debe a que las condiciones climáticas que lo definen son buenas condiciones para una gran cantidad de cosechas. Con la excepción de los suelos derivados de serpentina o piedra caliza, gran parte del terreno en esta zona de vida se mantiene en algún tipo de uso deforestado. Las áreas que han mantenido la vegetación representativa de la zona son caracterizadas por árboles de hasta 20 metros de altura, con coronas redondeadas, como por ejemplo el árbol de Mangó (*Mangifera indica*). Muchos de las especies leñosas son deciduas durante la temporada seca y las epífitas son comunes, y a veces cubren completamente los troncos y las ramas.

Climatología

De acuerdo al "Monthly Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days, 1971 - 2010", preparado por la Administración Oceánica y Atmosférica Nacional (NOAA, por sus siglas en inglés), la precipitación promedio anual en la región es aproximadamente 70.78 pulgadas (1,769.5 mm). La temperatura promedio

anual es de 79.0 F (26.11 C). La temperatura mínima promedio anual es de 72.37 F (21.35 C). La temperatura máxima promedio anual es de 87.21 F (30.88 C).

Topografía

La **Figura 1** (**Apéndice A**) muestra la localización del Proyecto sobre el cuadrángulo topográfico de Naranjito, preparado por el Servicio Geológico de los Estados Unidos. De acuerdo esta fuente de información, se puede observar que la topografía del área del Proyecto es semi-llana (en su centro) a semi-escarpada (en sus bordes) y ubica entre los 100 a 120 metros sobre el nivel promedio del mar (AMSL, por sus siglas en inglés). Según un estudio reciente de la topografía del predio del Proyecto, las elevaciones del mismo se encuentran entre los 88.0 y los 108.0 metros AMSL.

Hidrografía

En el predio del Proyecto no existen rasgos hidrográficos. El sistema hidrográfico más cercano es una quebrada sin nombre, la cual se encuentra a aproximadamente 140 metros al este del predio del Proyecto. Esta quebrada sin nombre descarga a la Quebrada Gordo, la que tributa al Río Hondo. El Río Hondo descarga en el Océano Atlántico. La **Figura 5** muestra la hidrología de la zona en la que se encuentra el Proyecto.

Descripción y Clasificación de Suelos

De acuerdo al Catastro de Suelos del Área de San Juan, del Servicio de Conservación de Suelos (Boccheciamp, 1978), los suelos del predio del Proyecto se componen mayormente de Daguey arcilloso, en pendientes de 12 a 20% (DaD) y de Humatas arcilloso, en pendientes de 20 a 40% (HtE). La **Figura 6** muestra el mapa de suelos del área del Proyecto.

El suelo Daguey arcilloso, en pendientes de 12 a 20% (DaD) se encuentra en las pendientes y topes de montañas y se compone de residuos de textura fina. Es un suelo de buen drenaje y de permeabilidad de moderadamente baja a moderadamente alta. El mismo tiene una capacidad alta de agua disponible.

El suelo Humatas arcilloso, en pendientes de 20 a 40% (HtE) se encuentra en las pendientes de lomas y montañas y se compone de residuos arcillosos meteorizados de roca volcánica. Es un suelo de buen drenaje, de alta escorrentía y de permeabilidad moderadamente baja. El mismo tiene una capacidad alta de agua disponible.

Metodología del Estudio

A continuación se describe la metodología y procedimientos utilizados.

Visita de Reconocimiento

El área del proyecto se visitó preliminarmente para realizar un reconocimiento general sobre la ubicación, área que ocupa y límites del proyecto; características y otros rasgos naturales. Esta visita fue muy importante para el diseño del plan de trabajo de campo.

Consulta de los Mapas de la Oficina del Programa de Patrimonio Natural del Departamento de Recursos Naturales y Ambientales (DRNA)

Luego de la vista de reconocimiento al área del proyecto, se procedió a visitar la Oficina del Programa de Patrimonio Natural del DRNA para hacer una consulta formal de los mapas en donde aparecen los records de las especies críticas, amenazadas o en peligro de extinción en el área del proyecto. Esta consulta resulta ser una herramienta necesaria e importante, ya que el personal técnico del DRNA provee información adicional sobre los records de estas especies y sugiere trabajos adicionales que se han realizado; y la consulta con otros científicos que están trabajando con las especies protegidas que puedan existir dentro del área de estudio. La información obtenida en la Oficina del Programa de Patrimonio Natural fue validada en el campo por el personal que trabajó en este estudio.

Consulta de los Mapas de Índice de Sensitividad Ambiental (ESI, por sus siglas en inglés) de la Administración Oceánica y Atmosférica Nacional (NOAA, por sus siglas en inglés)

El ESI es un estudio realizado por la NOAA en colaboración con otras organizaciones y agencias, entre las cuales están USF&WS y el DRNA. Este estudio muestra los records de observaciones de especies críticas, amenazadas o en peligro de extinción alrededor de toda la costa y en las cuencas de los ríos y quebradas principales de Puerto Rico.

Información para la Planificación y Consulta (IPaC, por sus siglas en inglés) del Servicio de Pesca y Vida Silvestre de los Estados Unidos (USFWS, por sus siglas en inglés)

El IPaC es una fuente de información sobre especies listadas a nivel federal, hábitat crítico, especies migratorias, refugios de vida silvestre, humedales, etc.

Trabajo de Campo

El trabajo de campo para este estudio se llevó a cabo en el mes de mayo de 2019. Debido a la naturaleza del área del Proyecto y su extensión, la misma pudo ser recorrida en su totalidad. Se documentaron las especies de acuerdo al área en donde se observaron. Se incluyeron las especies de flora y fauna adyacentes al área del Proyecto.

Se realizaron visitas diurnas para la identificación y documentación de especies de plantas y de animales de hábitos diurnos, recorriendo todo el predio. En adición, se hizo una visita nocturna para documentar las especies de animales con hábitos nocturnos.

La identificación de aves se realizó en un censo matutino utilizando los métodos de transectos y "point count", en donde se anotaron las especies de aves observadas y escuchadas, según sugiere Wunderle (1994). Estos métodos son muy efectivos para documentar la presencia de especies de aves.

Para la identificación de anfibios y reptiles, se utilizó el método descrito por Rivero (1998), buscando en áreas húmedas, árboles, debajo de troncos y ramas caídas, rocas, axilas de los árboles, hojarasca, basura, chatarra, etc. Estas técnicas fueron utilizadas tanto de día, como de noche. Para apoyar la identificación de especies de anfibios se utilizó una grabadora digital de sonido. Los sonidos grabados fueron transferidos a una computadora, en donde se compararon con los sonidos grabados en el Disco Compacto incluido en Los Anfibios y Reptiles de Puerto Rico (Rivero, 1998).

Análisis de Datos

La identificación de las especies se realizó en el campo, salvo en aquellos casos en que éstas no pudieran ser identificadas al momento. En estos casos, estas especies fueron identificadas utilizando especímenes colectados en el campo o con la ayuda de la documentación fotográfica realizada. Las referencias para la identificación de las especies se encuentran en la sección de **Referencias** de este documento.

Resultados y Discusión

Según las imágenes de Google Earth (2019), el predio fue deforestado e impactado casi en su totalidad alrededor del año 1994 (**Figura 4**), cuando se construía la Urbanización Panorama Village. Por lo tanto, la mayor parte del predio se encuentra cubierto por especies exóticas pioneras de rápido crecimiento, en donde dominan la yerba de guinea (*Megathyrsus maximus*), la albicia (*Albizia procera*), el kudzú tropical (*Pueraria phaseoloides*), la caña de azúcar silvestre (*Saccharum spontaneum*), la yerba venezolana (*Paspalum fasciculatum*), y la *Ipomoea purpurea* (no se conoce nombre común). No obstante, existe una franja estrecha de bosque que se encuentra en el lado noreste, en la pendiente que colinda con el Cementerio Los Cipreses hacia el este. Esta área está dominada por especies de árboles nativos.

El total de especies de plantas fue de 72, divididas en 35 familias. El 57% de las especies observadas son nativas y el 43% son introducidas. Las especies observadas se distribuyen de la siguiente manera: 53% herbáceas, 35% árboles, 7% bejucos y 5% arbustos. Las familias más comunes fueron la Poaceae, la Fabaceae-Faboideae y la Asteraceae. No se encontró ninguna especie de flora designada como elemento crítico, amenazada o en peligro de extinción.

Como mencionado anteriormente, el predio fue modificado para propósitos antropogénicos en el pasado. El área central del predio está dominada por especies exóticas herbáceas y de árboles. La gran mayoría de las especies nativas observadas se encuentra en el talud que colinda con el Cementerio Los Cipreses. En esta franja domina el roble (*Tabebuia heterophylla*), el guaraguao (*Guarea guidonia*) y otras especies nativas. Esto sugiere que esta franja no fue afectada durante los trabajos realizados anteriormente para la construcción de la Urbanización Panorama Village.

Por otro lado, las especies de fauna dominantes son el pitirre (*Tyrannus dominicensis*), el chamorro negro (*Tiaris bicolor*) y el lagartijo de las yerbas (*Ctenonotus pulchellus*). El total de especies de animales fue de 27, divididas en 17 familias. Entre éstas, existen seis

especies endémicas para Puerto Rico. Estas son la calandria (*Icterus dominicensis portoricensis*), el pájaro carpintero de Puerto Rico (*Melanerpes portoricensis*), el San Pedrito (*Todus mexicanus*), el coquí común (*Eleutherodactylus coqui*), el coquí de las yerbas (*Eleutherodactylus brittoni*) y el coquí churí (*Eleutherodactylus antillensis*). No se encontró ninguna especie de fauna designada como amenazada o en peligro de extinción.

No obstante, la calandria (*Icterus dominicensis portoricensis*) está designada como elemento crítico por el Departamento de Recursos Naturales y Ambientales (DRNA). Esta especie fue observada posada sobre una palma real (*Roystonea borinquensis*) en la franja de bosque nativo al este. El DRNA ha designado a la calandria como elemento crítico debido a la falta de información para estimar su población y al parasitismo por el tordo lustroso (*Molothrus bonariensis*). Su categoría como elemento crítico es de Deficiencia de Datos (DD). La calandria habita bosques secundarios maduros, cafetales y áreas urbanizadas. Según el Reglamento para Regir las Especies Vulnerables y en Peligro de Extinción en el Estado Libre Asociado de Puerto Rico (Reglamento Núm. 6766 del 2004), su distribución principal es en Utuado (Bosque de Río Abajo), Florida, El Yunque, Lajas (Laguna Cartagena), Ciales, Cidra, Caguas, Adjuntas, Arecibo, Ponce y Sabana Grande (Bosque de Susúa).

El **Apéndice B** incluye el inventario de flora y fauna del Proyecto.

Otras Fuentes de Información

Según los Mapas del Índice de Sensitividad Ambiental (ESI, por sus siglas en inglés, **Figuras 7** y **8**) de la Administración Oceánica y Atmosférica Nacional (NOAA, por sus siglas en inglés) el área de estudio no presenta ninguna especie crítica, amenazada o en peligro de extinción.

El IPaC incluye a la boa Puertorriqueña (*Chilabothrus inornatus*) como especies listada a nivel federal que pudiera afectarse por actividades en el área del Proyecto (ver **Apéndice C**). Esta especie no fue observada durante el trabajo de campo, aunque no se descarta la presencia de la misma.

Asociaciones Ecológicas y Biodiversidad

El predio del Proyecto no contiene asociaciones ecológicas complejas y la biodiversidad es baja. Según Helmer et. al. (2002), el predio está clasificado mayormente como de arenas y rocas. El resto del predio clasifica mayormente como pastizales y urbano y de tierras infértiles. Sin embargo incluye una porción del área al noroeste como de bosque húmedo estacional siempreverde de tierras bajas. Estas clasificaciones son las más comunes en el área en donde se propone el Proyecto (ver **Figura 9**, **Apéndice A**).

Conclusiones

Los resultados de este estudio confirman que el área del Proyecto ha sido impactada para propósitos antropogénicos anteriormente, lo cual ha afectado el desarrollo de un sistema natural con mejores condiciones y funciones ecológicas y de mayor biodiversidad.

Las especies de flora encontradas en este estudio se observan frecuentemente y representan especies comunes en el tipo de ambiente en donde ubica el Proyecto. La mayoría de las especies nativas (56% de las especies de flora observadas, incluyendo todos los estratos) se encuentran en el talud que colinda con el Cementerio Los Cipreses. Esta franja no fue alterada por los trabajos realizados para la construcción de la Urbanización Panorama Village, alrededor del año 1994.

En el predio del Proyecto existen seis especies de fauna endémicas para Puerto Rico. Estas especies también son en su mayoría comunes. Entre éstas se encuentra la calandria, la cual el DRNA ha designado como elemento crítico.

Como mencionado en la sección de **Resultados y Discusión**, en cuanto a la boa Puertorriqueña (especie en peligro de extinción a nivel estatal y federal), está especie no fue observada en las visitas de campo realizadas para el Proyecto. Sin embargo, no se descarta su presencia en el área del Proyecto.

Incluimos las siguientes recomendaciones:

- Implementar medidas de control de erosión y sedimentación para evitar/minimizar la carga de sedimentos en las escorrentías aguas abajo.
- Incluir a la palma real (*Roystonea borinquena*) entre las especies a sembrar como parte del tratamiento paisajista y de siembra como mitigación por el corte de árboles para fomentar la presencia de la calandria en el área.

Referencias

Acevedo-Rodríguez, P., y R. O. Woodbury. 1985. *Los Bejucos de Puerto Rico.*Volumen 1. General Technical Report SO-85. United States Department of Agriculture, New Orleans, LA. 331 pp.

Axelrod, F. A. 2011. *A Systematic Vademecum to the Vascular Plants of Puerto Rico*. Botanical Research Institute of Texas. 1700 University Drive, Fort Worth, Texas, USA. 428 pp plus maps.

Birdlife International. 2000. *Aves Amenazadas de las Américas (Libro Rojo de CIPA/IUCN).* Oficina Regional para las Américas, Quito, Ecuador.

Boccheciamp, R. A. 1978. *Soil Survey of San Juan Area of Puerto Rico.* USDA, Soil Conservation Service. 141 pp plus maps.

Domínguez Cristóbal, Carlos, 2000. *Panorama Histórico Forestal de Puerto Rico*. Editorial de la Universidad de Puerto Rico, Río Piedras, P.R. 680pp.

Estado Libre Asociado de Puerto Rico. Departamento de Recursos Naturales y Ambientales. 2004. *Reglamento para Regir las Especies Vulnerables y en Peligro de Extinción en el Estado Libre Asociado de Puerto Rico*. Reglamento Número 6766.

Ewel, J. J. y J. L. Whitmore. 1973. *The Ecological Life Zones of Puerto Rico and the United States Virgin Islands.* Research Paper ITF-18. U. S. Department of Agriculture, Forest Service, Institute of Tropical Forestry, Río Piedras, P.R.

Helmer, E. H., O. Ramos, T. del M. López, M. Quiñones, & W. Díaz. 2002. *Mapping the Forest Type and Land Cover of Puerto Rico, a Component of the Caribbean Biodiversity Hotspot*

Hilton-Taylor, C. (compiler) 2000. *2000 IUCN Red List of Threatened Species.* IUCN, Gland, Switzerland Cambridge, UK.xviii. 61pp.

Liogier, H. H. y L. F. Martorell. 1999. *Flora of Puerto Rico and Adjacent Islands: a Systematic Synopsis.* 2nd Ed. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 382 pp.

Liogier, H. A. 1985. *Descriptive Flora of Puerto Rico and Adjacent Islands.* Vol. I. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 357 pp.

Liogier, H. A. 1988. *Descriptive Flora of Puerto Rico and Adjacent Islands.* Vol. II. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 481 pp.

Liogier, H. A. 1991. *Descriptive Flora of Puerto Rico and Adjacent Islands.* Vol. III. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 461 pp.

Liogier, H. A. 1995. *Descriptive Flora of Puerto Rico and Adjacent Islands.* Vol. IV. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 617 pp.

Liogier, H. A. 1997. *Descriptive Flora of Puerto Rico and Adjacent Islands.* Vol.VI. Editorial Universitaria de Puerto Rico, Río Piedras, P.R. 436 pp.

Little, E. L. y F. H. Wadsworth. 1999. *Common Trees of Puerto Rico and the Virgin Islands.* A private reprinting by the authors from Forest Service U. S. Department of Agriculture Handbook No. 249. Río Piedras, P. R. 556 pp.

Little, E. L. y R. O. Woodbury. 1974. *Trees of Puerto Rico and the Virgin Islands.* Second Volume. U. S. Department of Agriculture Handbook No. 449-S. Río Piedras, P. R. 1024 pp.

Más, E. y O. García-Molinari. 1990. *Guía Ilustrada de Yerbas Comunes de Puerto Rico.* Servicio de Extensión Agrícola de la Universidad de Puerto Rico. McGraw Hill Publishing Company, New Cork, NY. 103 pp.

Oficina de Patrimonio Natural de Puerto Rico. 2000. *Lista de Elementos Críticos de la División de Patrimonio Natural.* Departamento de Recursos Naturales y Ambientales. San Juan, P.R.

Opler, P. A. y V. Malikul. 1992. *Eastern Butterflies.* Peterson Field Guides. Houghton Mifflin Company, New York, NY. 396 pp.

Raffaele, H. A., J. Wiley, O. Garrido, A. Keith y J. Raffaele. 1998. *A guide to the birds of the West Indies.* Princetown University Press, Princetown, New Jersey. 411 pp.

Rivero, J. 1998. *Los Anfibios y Reptiles de Puerto Rico.* Segunda Edición Revisada. Editorial Universidad de Puerto Rico, Río Piedras, P.R. 510 pp.

U.S. Fish and Wildlife Service. 2000. *Endangered Species List (Puerto Rico/Virgin Islands).* Division of Endangered Species.

U.S. Fish and Wildlife Service. 2011. *Caribbean Endangered Species Map*. Ecological Services in the Caribbean.

U.S. National Oceanic and Atmospheric Administration. National Ocean Service, Office of Response and Restoration. Hazardous Materials Response

Division. *Environmental Sensitivity Index Atlas.* 2001. Seattle, Washington.

Wunderle, J. M. 1994. *Census Methods for Caribbean Land Birds.* General Technical Report SO-100. U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station, New Orleans, LA.

APÉNDICES

Apéndice A: Figuras

Figura 1: Mapa de Localización (1:20,000)

FIGURA 1: MAPA DE LOCALIZACION (1:20,000)

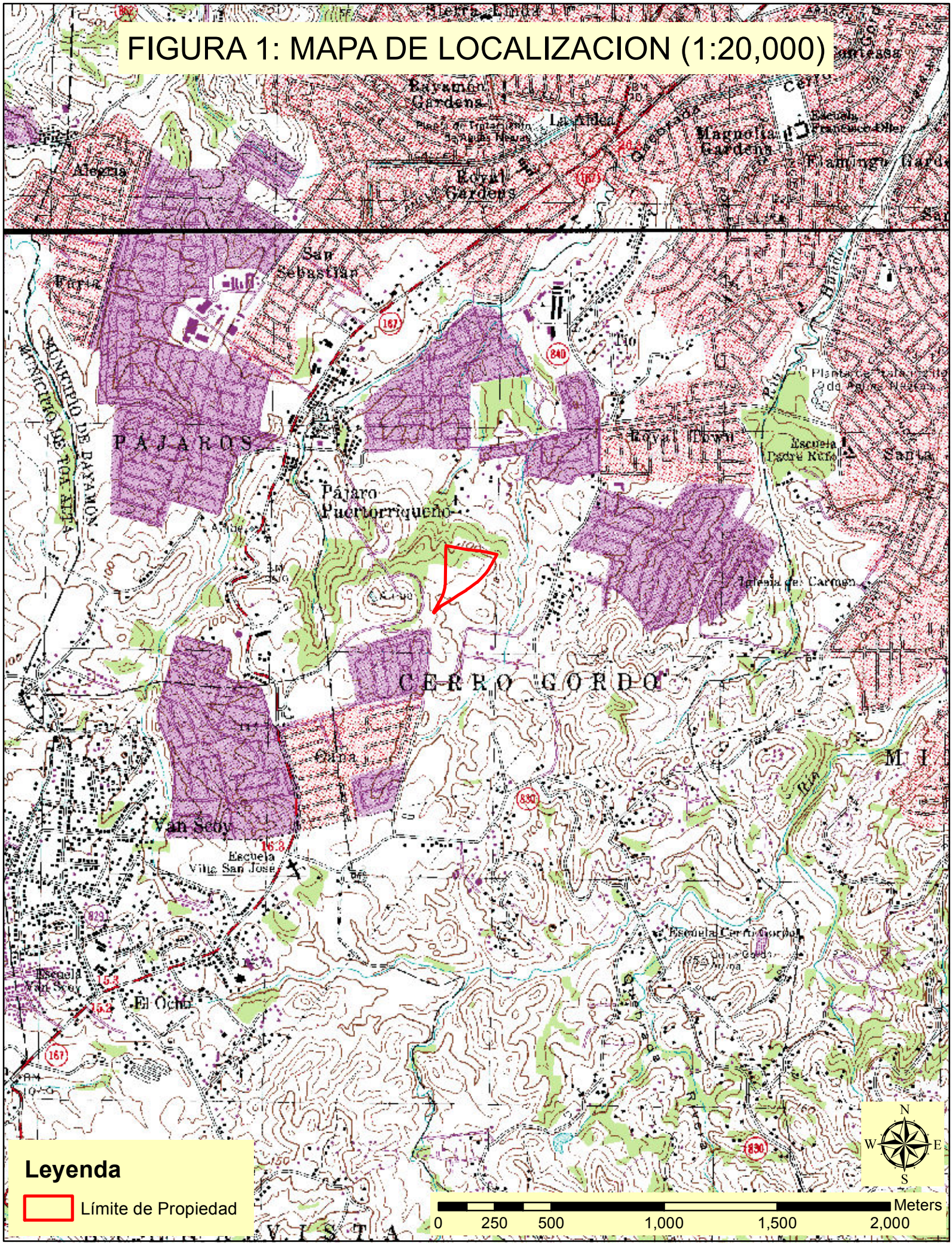


Figura 2: Foto Aérea (1:20,000)

FIGURA 2: FOTO AEREA (1:20,000)

Figura 3: Foto Aérea 2010 (1:1,500)

FIGURA 3: FOTO AEREA (1:1,500)

Figura 4: Foto Aérea 1994 (Google Earth)

FIGURA 4

FOTO AEREA 1994 (Google Earth)

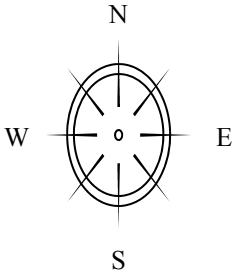


Figura 5: Mapa Hidrográfico

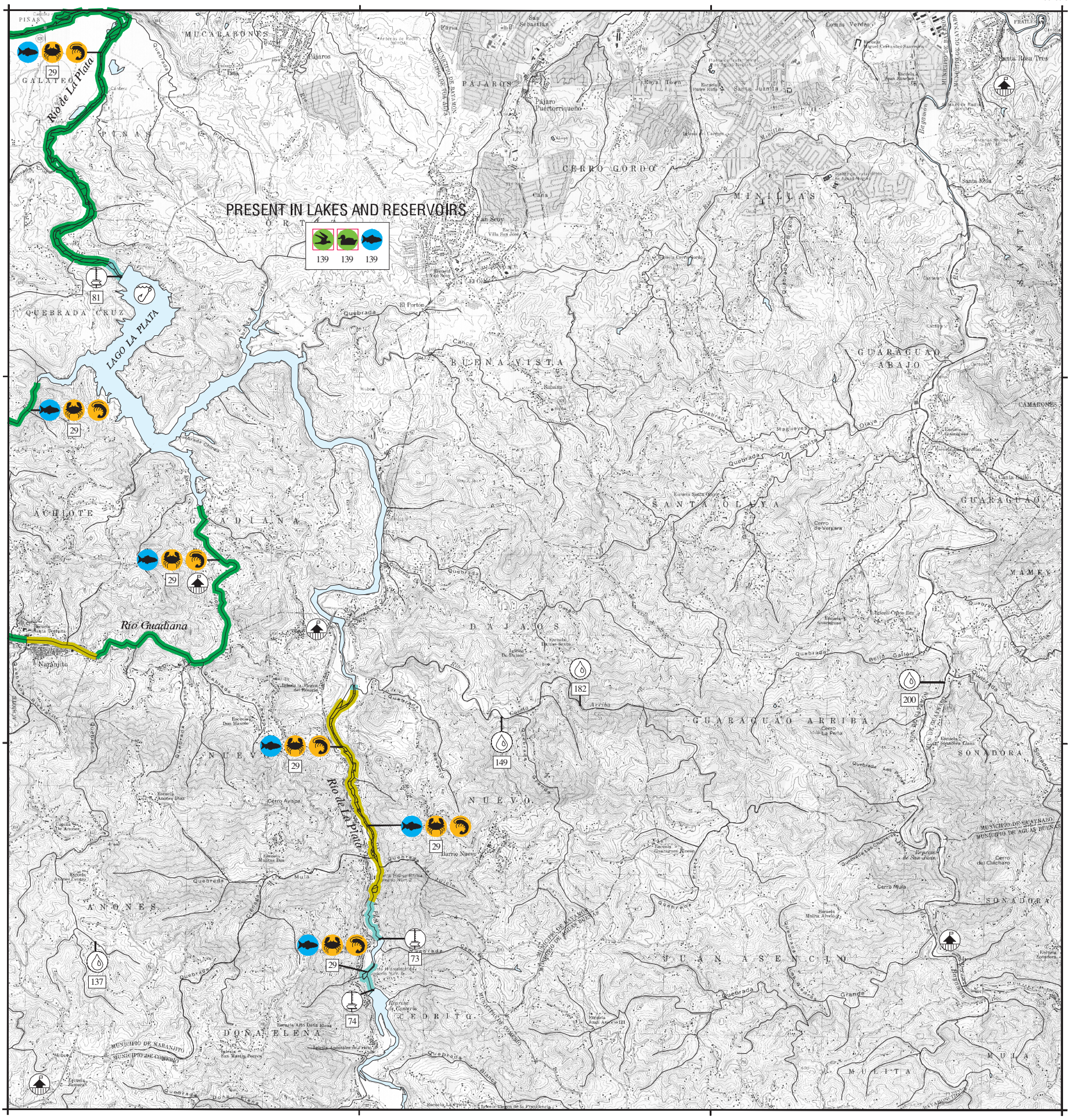
FIGURA 5: MAPA HIDROGRAFICO

Figura 6: Mapa de Suelos

FIGURA 6: MAPA DE SUELOS
Urban land-Vega Alta complex
Humatas clay
Daguey clay
Humatas clay
Urban land-Vega Alta complex
Leyenda
Suelos
Límite de Propiedad
N
W
E
S
Meters
0
25
50
100
150
200

Figura 7: Mapa del Índice de Sensitividad Ambiental

ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY CLIFFS
- 1B EXPOSED, SOLID MAN–MADE STRUCTURES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 2B SCARPS AND STEEP SLOPES IN MUDDY SEDIMENTS
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN–MADE STRUCTURES
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED VEGETATED LOW BANKS
- 10D MANGROVES
- SALT– AND BRACKISH–WATER MARSHES
- FRESHWATER MARSHES
- FRESHWATER SWAMPS
- FRESHWATER SCRUB/SHRUB

STREAM REACHES (RSI)

- 1 QUIET POOL; LOW–SENSITIVE BANKS
- 2 STRAIGHT CHANNEL WITH CURRENTS; LOW–SENSITIVE BANKS (MUD DOMINANT)
- 3 MEANDERING CHANNEL; SAND POINT BARS
- 4 MEANDERING CHANNEL; VEGETATED POINT BARS
- 5 RAPIDS OVER BEDROCK
- 6 MEANDERING CHANNEL; SAND AND GRAVEL POINT BARS
- 7 SPLIT CHANNEL WITH COARSE GRAVEL; SOME RAPIDS
- 8 SMALL FALLS; BOULDERS IN CHANNEL
- 9 LARGE FALLS; BOULDERS IN CHANNEL
- 10 CHANNELS WITH ASSOCIATED VULNERABLE WETLANDS
- KARST

N W E S

SCALE 1:55000

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

Not For Navigation

Published: May 2000

Published at Seattle, Washington
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Hazardous Materials Response Division

NARANJITO, P.R. (1982) PR-23

PUERTO RICO - ESIMAP 23

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
139	Brown pelican	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Common moorhen			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Pied-billed grebe			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Ruddy duck	S	T	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-

FISH:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
29	Native stream fish				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
139	Channel catfish				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Largemouth bass				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Peacock bass				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-NOV	JAN-DEC	JAN-DEC
	Redear sunfish				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Tilapia				X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUL	DEC-JUL	DEC-JUL	JAN-DEC	JAN-DEC
	White catfish				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC

INVERTEBRATE:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
29	Freshwater crab				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	-	JAN-DEC	JAN-DEC
	Native stream shrimp				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

LOCK AND DAM:

HUN#	Name	Owner/Manager	Contact	Phone
73	COMERIO 1	PREPA	RAFAEL RUIZ	787/788-0405
74	COMERIO 2	PREPA	RAFAEL RUIZ	787/788-0405
81	LA PLATA FILTER PLANT	PRASA	FERNADO ORTIZ	

WATER INTAKE:

HUN#	Name	Owner/Manager	Location	Phone
137	ANONES CHLORINATION PLANT	PRASA	PR 814, KM 5.2	787/869-1718
149	BO. NUEVO PACKAGE PLANT	PRASA	PR 812, KM 2.4	
182	DAJAOS PARTIAL PLANT	PRASA	PR 812, KM 3.3	787/790-0062
200	GUAYNABO PLANT, AGUAS BUENAS INTAKE	PRASA	PR 174	787/720-2211

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Figura 8: Ampliación del Índice de Sensitividad Ambiental

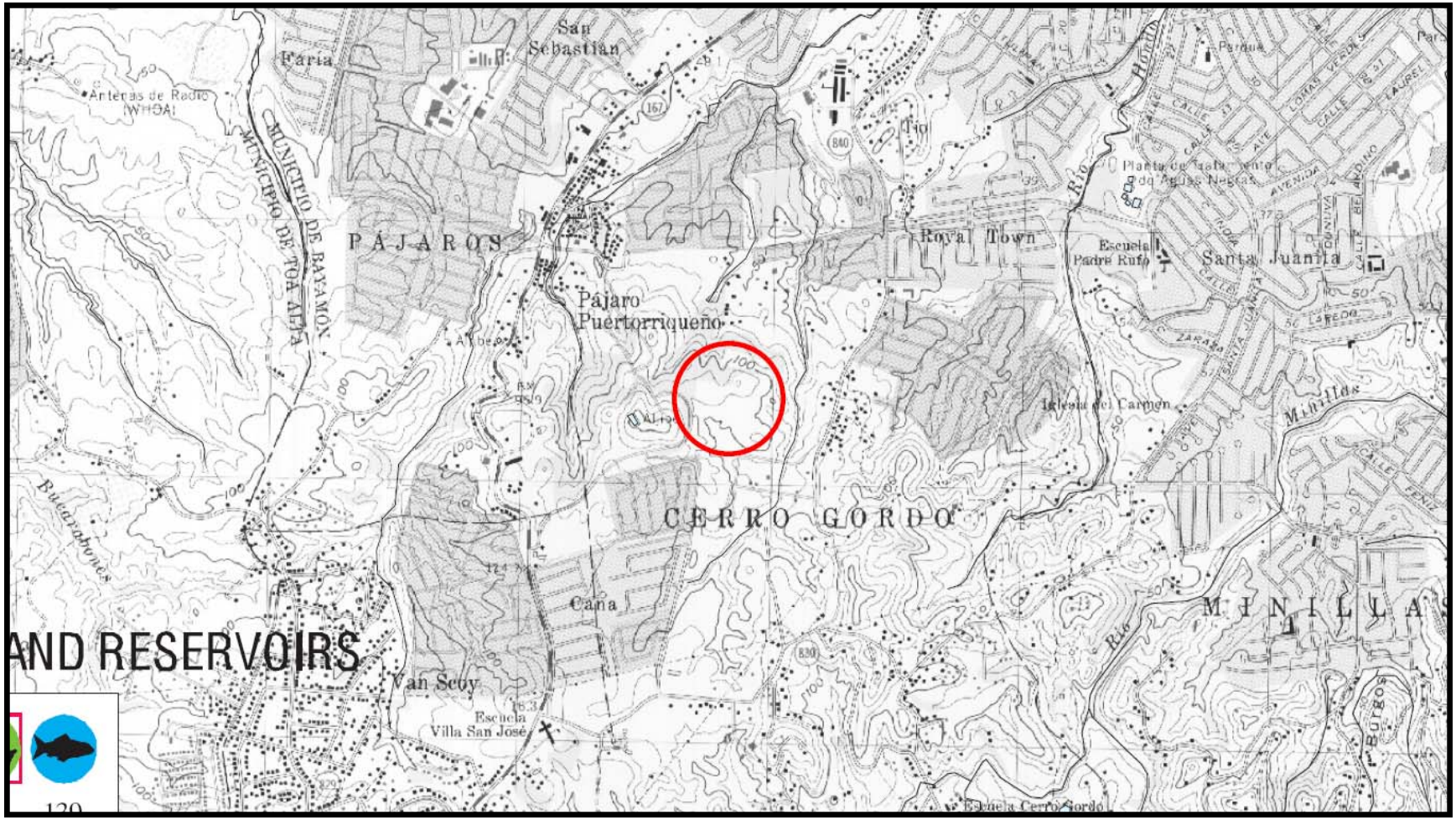


FIGURA 8

AMPLIACIÓN DEL ÍNDICE DE SENSITIVIDAD AMBIENTAL

DESARROLLO RESIDENCIAL

CARIDAD DEL COBRE

BARRIO CERRO GORDO, BAYAMÓN

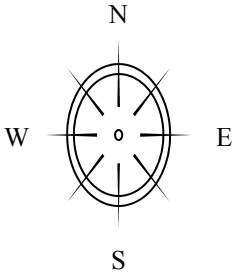
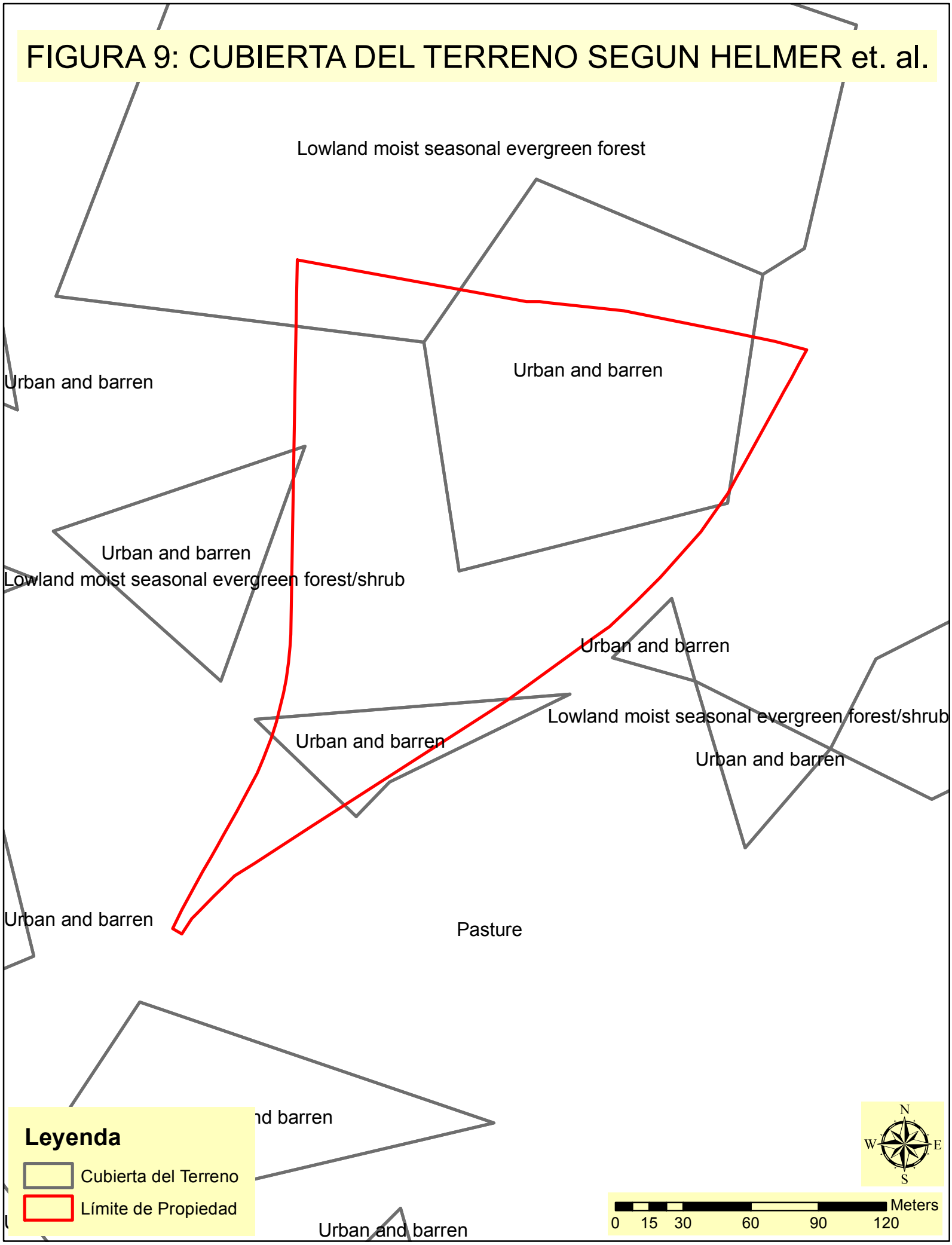


Figura 9: Cubierta del Terreno Según Helmer et. al.

FIGURA 9: CUBIERTA DEL TERRENO SEGUN HELMER et. al.



Apéndice B: Inventario de Flora y Fauna

Flora Proyecto Caridad del Cobre			
Familia	**Nombre Científico**	**Nombre Común**	**Status**
Amaranthaceae	*Achyranthes aspera* L.var. pubescens (Moq.) C.C. Towns	D	I
Pteridaceae	*Adiantum latifolium* Lam.	D	N
Fabaceae-Mimosidae	*Albizia procera* (Roxb.) Benth.	Albicia	I
Malpighiaceae	*Bunchosia glandulosa* Cav.) DC.	Café forastero	N
Salicaceae	*Casearia decandra* Jacq.	Caracolillo	N
Salicaceae	*Casearia guianensis* (Aublet) Urban	Cafeíllo	N
Salicaceae	*Casearia sylvestris* Sw.	Cafeíllo cimarrón	N
Poaceae	*Cenchrus purpureus* (Schumach.) Morrone	Yerba elefante	I
Poaceae	*Chloris barbata* Sw.	Horquetilla morada	N
Asteraceae	*Chromolaena odorata* (L.) R.M. King & H. Rob.	Cariaquillo Santa María	N
Vitaceae	*Cissus verticillata (L.)* Nicolson & Jarvis	Bejuco de caro	N
Verbenaceae	*Citharexylum spinosum* L.	Péndula	N
Melastomataceae	*Clidemia hirta* (L.) D. Don	Camasey peludo	N
Boraginaceae	*Cordia sulcata* DC.	Moral	N
Fabaceae-Faboidae	*Crotolaria pallida* Aiton var. *obovata*	Matraca	I
Asteraceae	*Cyanthillium cinereum* (L.) H. Rob.	Rabo de buey	I
Cyatheaceae	*Cyathea arborea* (L.) Sm.	Helecho arbóreo	N
Rubiaceae	*Diodia sarmentosa* Sw.	D	N
Putranjivaceae	*Drypetes glauca* Vahl	Palo de aceituna	N
Poaceae	*Echinochloa colona* (L.) Link	Arrocillo	N
Poaceae	*Eleusine Indica* (L.) Gaernt.	Pata de gallina	I
Asteraceae	*Emilia fosbergii* Nicolson	Clavelillo de cafetal	N
Euphorbiaceae	*Euphorbia hirta L.*	Lechecillo	N
Euphorbiaceae	*Euphorbia hyssopifolia* L.	Lechera	N
Fabaceae-Faboidae	*Gliricidia sepium* (Jacq.) Kunth in Walpers	Mata ratón	I
Meliaceae	*Guarea guidonia* (L.) Sleumer	Guaraguao	N
Rubiaceae	*Guettarda scabra* (L.) Vent.	Cucubano	N
Heliconiaceae	*Heliconia psittacorum* l.f.	D	I
Facaceae-Caesalpinioidea	*Hymenaea courbaril* L.	Algarrobo	N
Convolvulaceae	*Ipomoea purpurea* (L.) Roth	D	N
Poaceae	*Lasiacis divaricata* (L.) Hitchc.	Pito	N
Fabaceae-Mimosidae	*Leucaena leucocephala* (Lam.) DeWitt	Tamarindillo	I
Lauraceae	*Licaria parvifolia* (Lam.) Kosterm.	Cacaíllo	N
Poaceae	*Megathyrsus maximus* (Jacq.) R. D. Webster	Yerba de Guinea	I

Asteraceae	*Melanthera nivea* (L.) Small	Salaíllo	N
Sapindaceae	*Melicoccus bijugatus* Jacq,	Quenepa	I
Poaceae	*Melinis repens* (Willd.) Zizka	Yerba rosada	I
Convolvulaceae	*Merremia quinquefolia* (L.) Hallier f.	Batatilla blanca	I
Melastomataceae	*Miconia prasina* (Sw.) DC.	Camasey blanco	N
Asteraceae	*Mikania micrantha* Kunth in Humboldt	Guaco falso	N
Fabaceae-Mimosidae	*Mimosa casta* L.	Zarza	N
Fabaceae-Mimosidae	*Mimosa pellita* HBK	D	N
Fabaceae-Mimosidae	*Mimosa pudica* L.	Moriviví	N
Musaceae	*Musa xparadisiaca* L.	Guineo	I
Lomariopsidaceae	*Nephrolepis brownii* (Sw.) Schott	D	I
Poaceae	*Paspalum fasciculatum* Willd. Ex Fluggé	Yerba venezolana	N
Passifloraceae	*Passiflora edulis* Sims	Parcha	I
Sapindaceae	*Paullinia pinnata* L.	Bejuco de costilla	N
Euphorbiaceae	*Phyllanthus niruri* L.	Quinino del pobre	N
Fabaceae-Faboidae	*Pterocarpus indicus* Willd.	Terocarpo	I
Fabaceae-Faboideae	*Pueraria phaseoloides* (Roxb.) Benth.	Kudzu tropical	I
Cyperaceae	*Rhynchospora ciliata* (G. Mey) Kuk	Coquí blanco	N
Euphorbiaceae	*Ricinus communis* L.	Higuereta	I
Palmae	*Roystonea borinquena* O.F. Cook	Palma real	N
Poaceae	*Saccharum spontaneum* L.	Caña de azúcar silvesre	I
Araliaceae	*Schefflera morototoni* (Aubl.) Maguire	Yagrumo macho	N
Fabaceae-Mimosidae	*Senegalia riparia* (Kunth) Britton & Rose ex Britton & Killip	Acacia zarza	N
Fabaceae-Caesalpinioideae	*Senna siamea* (Lam.) H.S. Irwin & Barneby	Casia de Siam	I
Fabaceae-Faboidae	*Sesbania sericea* (Willd.) Link	Papagayo	I
Solanaceae	*Solanum torvum* Sw.	Berenjena cimarrona	I
Poaceae	*Sorghum halepense* (L.) Pers	Yerba Johnson	I
Bignoniaceae	*Spathodea campanulata* Beauv.	Tulipán africano	I
Rubiaceae	*Spermacoce verticillata* L.	Botón blanco	I
Poaceae	*Sporobolus indicus* (L.) R. Br.	Cerrillo	N
Meliaceae	*Swietenia mahagoni* (L.) Jacq.	Caoba Dominicana	I
Myrtaceae	*Syzygium malaccense* (L.) Merr. & L.M. Perry	Manzana malaya	I
Bignoniaceae	*Tabebuia heterophylla* (DC.) Britton	Roble	N
Boraginaceae	*Tournefortia hirsutissima* L.	Nigua	N
Cannabaceae	*Trema micranthum* (L.) Blume	Guacimilla	N
Phytolaccaceae	*Trichostigma octandrum* (L.) H. Walt.	Bejuco de nasa	N
Asteraceae	*Tridax procumbens* L.	Pancha	I

Poaceae	*Urochloa mutica* (Forssk.) T.Q. Nguyen	Malojillo	I
Fabaceae-Faboidae	*Vigna luteola* (Jacq.) Benth in Martius	Frijol silvestre	N
Leyenda:			
D: Se desconoce su nombre común			
I: Introducida			
N: Nativa			

Fauna Proyecto Caridad del Cobre		
Nombre Científico	**Nombre Común**	**Status**
VERTEBRADOS		
Coerebidae		
Coereba flaveola	Reinita común	R
Tiaris bicolor	Chamorro negro	R
Columbidae		
Patagioenas squamosa	Paloma turca	R
Zenaida asiatica	Tórtola aliblanca	R
Zenaida aurita	Tórtola cardosantera	R
Hirundinidae		
Petrochelidon fulva	Golondrina de cuevas	R
Icteridae		
Icterus dominicensis portoricensis	Calandria	EC
Quiscalus niger	Chango	R
Mimidae		
Margarops fuscatus	Zorzal pardo	
Picidae		
Melanerpes portoricensis	Pájaro carpintero de P.R.	E
Psittacidae		
Brotogeris versicolurus	Perico aliamarillo	IE
Todidae		
Todus mexicanus	San Pedrito	E
Turdidae		
Turdus plumbeus	Zoral de patas coloradas	
Tyrannidae		
Elaenia martinica	Juí blanco	R
Tyrannus dominicensis	Pitirre	R
Vireonidae		
Vireo altiloquus	Julián chiví	R
Reptiles		
Iguanidae		
Iguana iguana	Iguana	I
Ctenonotus cristatellus	Lagartijo común	R

Ctenonotus pulchellus	Lagartijo de hierbas	R
Anfibios		
Leptodactylidae		
Eleutherodactylus antillensis	Coquí churí	E
Eleutherodactylus brittoni	Coqui de las yerbas	E
Eleutherodactylus coqui	Coquí común	E
Leptodactylus albilabris	Ranita de labio blanco	R
INVERTEBRADOS		
Insectos		
Apoidea		
Apidae		
Xylocopa mordax	Cigarrón	N/A
Blattoidea		
Termitidae		
Nasutitermes costalis	Comején	N/A
Pieridae		
Aphrissa statira cubana	Mariposa migratoria	N
Moluscos		
Ampullariidae	*Pomacea sp.*	I
Camaenidae		
Caracolus marginella	Caracol	R
Leyenda:		
E: Especie Endémica de Puerto Rico		
EC: Elemento Crítico (DRNA)		
I: Introducida		
R: Residente		

Apéndice C: INFORMACIÓN para la PLANIFICACIÓN y CONSULTA (IPaC, por sus siglas en inglés) del SERVICIO de PESCA y VIDA SILVESTRE de los ESTADOS UNIDOS (USFWS, por sus siglas en inglés)

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

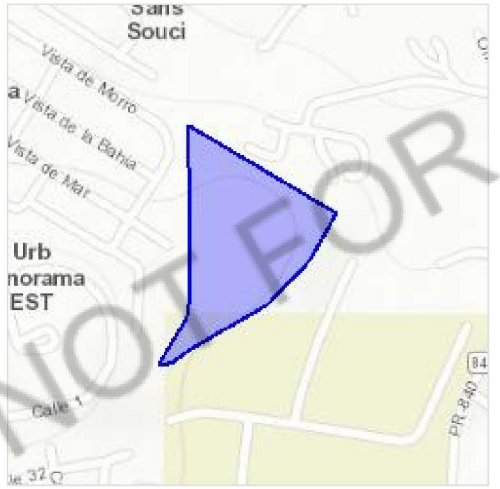
This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Bayamón County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

(787) 851-7297
(787) 851-7440

MAILING ADDRESS
Post Office Box 491
Boqueron, PR 00622-0491

PHYSICAL ADDRESS
Carr 301, Km 5.1, Bo Corozo

Boqueron, PR 00622-0510

http://www.fws.gov/caribbean/es

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS

NOT FOR CONSULTATION

Puerto Rican Boa Epicrates inornatus Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/6628

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

NOT FOR CONSULTATION

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
American Coot Fulica americana americana This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds May 1 to Sep 15
Antillean Mango Anthracothorax dominicus This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds Mar 1 to Aug 20
Mangrove Cuckoo Coccyzus minor This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds Apr 20 to Aug 20
Puerto Rican Screech-owl Megascops nudipes newtoni This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds Apr 1 to Jun 30
Puerto Rican Vireo Vireo latimeri This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds Apr 8 to Aug 1
White-crowned Pigeon Patagioenas leucocephala This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands. https://ecos.fws.gov/ecp/species/4047	Breeds May 1 to Sep 30
Willet Tringa semipalmata This is a Bird of Conservation Concern (BCC) throughout its range in Puerto Rico and the Virgin Islands.	Breeds Apr 20 to Aug 5

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

NOT FOR CONSULTATION

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

NOT FOR CONSULTATION

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

NOT FOR CONSULTATION

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Apéndice D: Documentación Fotográfica

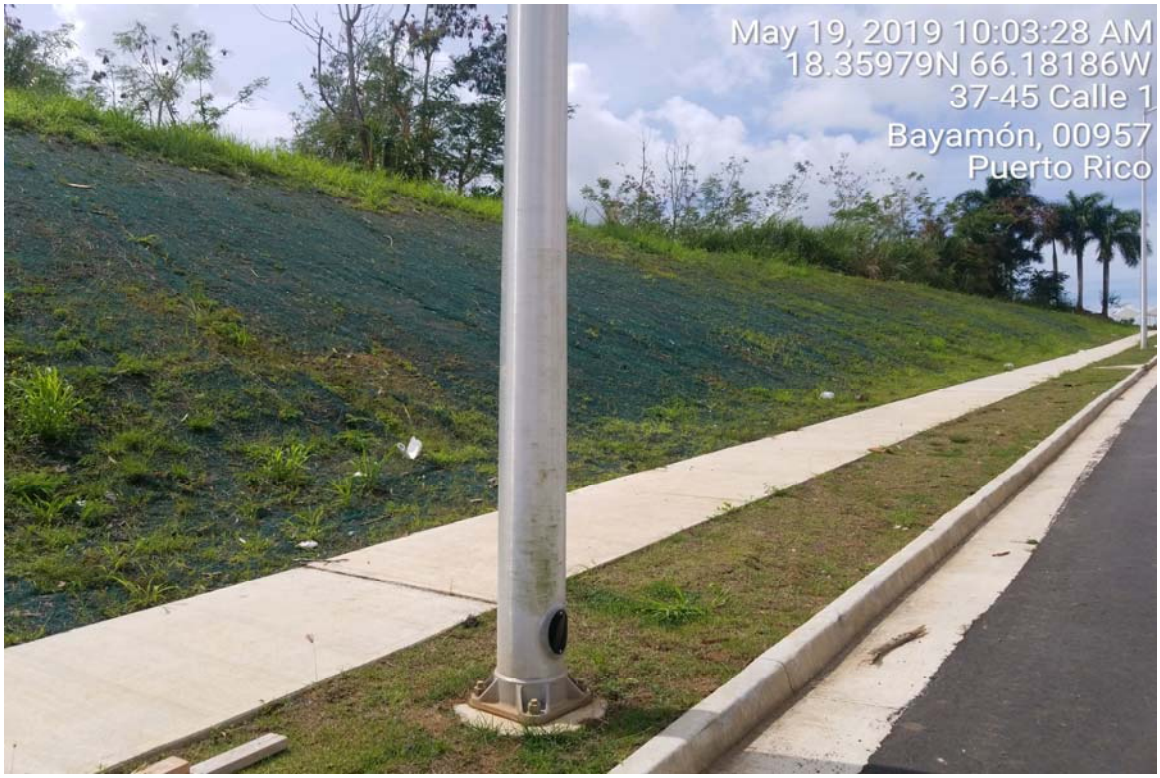


Foto 1. Vista del lado suroeste del predio del proyecto.

Foto 2. Vista del lado oeste del predio del proyecto.

Foto 3. Vista desde el lado este del predio del proyecto hacia el Cementerio Los Cipreses.

Foto 4. Vista general de la vegetación en el lado este del predio del proyecto.

Foto 5. Vista general de la vegetación del área norte del predio del proyecto.

Foto 6. Vista general de la vegetación en el área noroeste del predio del proyecto.

Foto 7. Vista de un área dominada por el árbol exótico casia de Siam (*Senna siamea*).

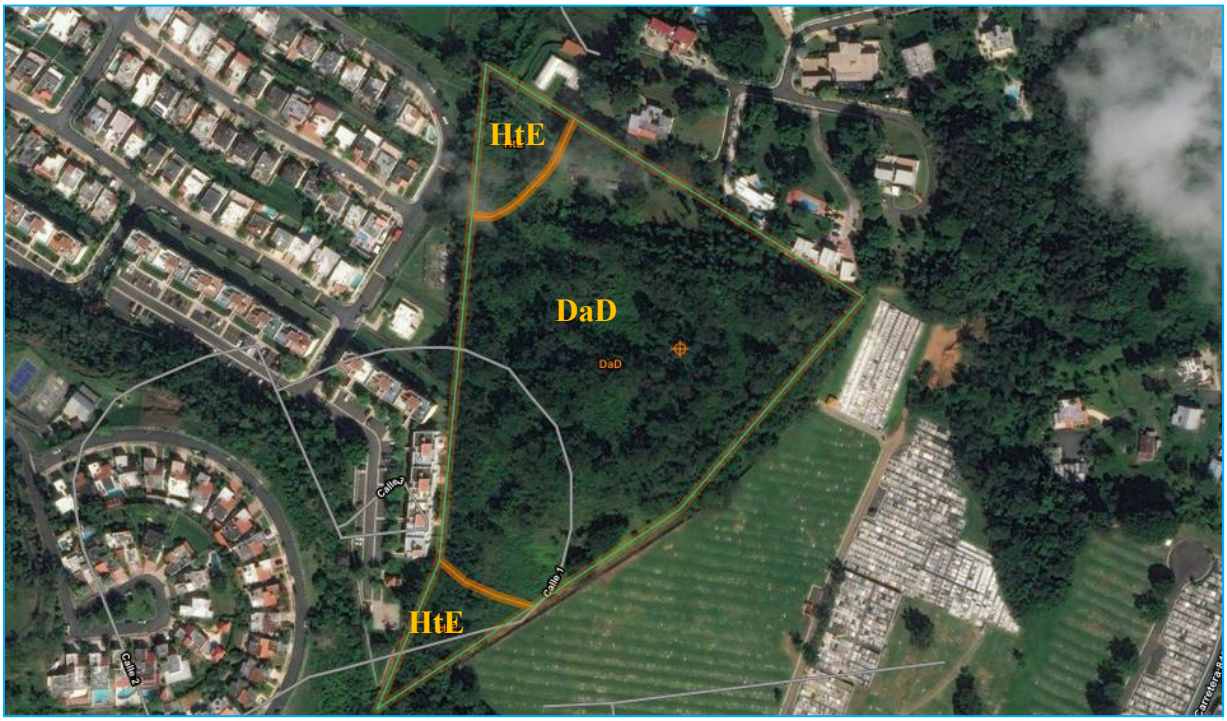
Foto 8. Vista de un área de rocas acumuladas, posiblemente durante los trabajos realizados en el predio para el año 1994.

VIb. Soil Information

Descripción de los tipos y características de los suelos y formaciones geológicas

TIPO DE SUELO

Según la herramienta de Internet "Web Soil Survey" del Departamento de Agricultura de los Estados Unidos (USDA), Servicio de Conservación de Recursos Naturales, el suelo está compuesto por *DaD: Daguey Clay, 12 to 20 percent slopes y HtE: Humatas Clay, 20 to 40 percent slopes.*

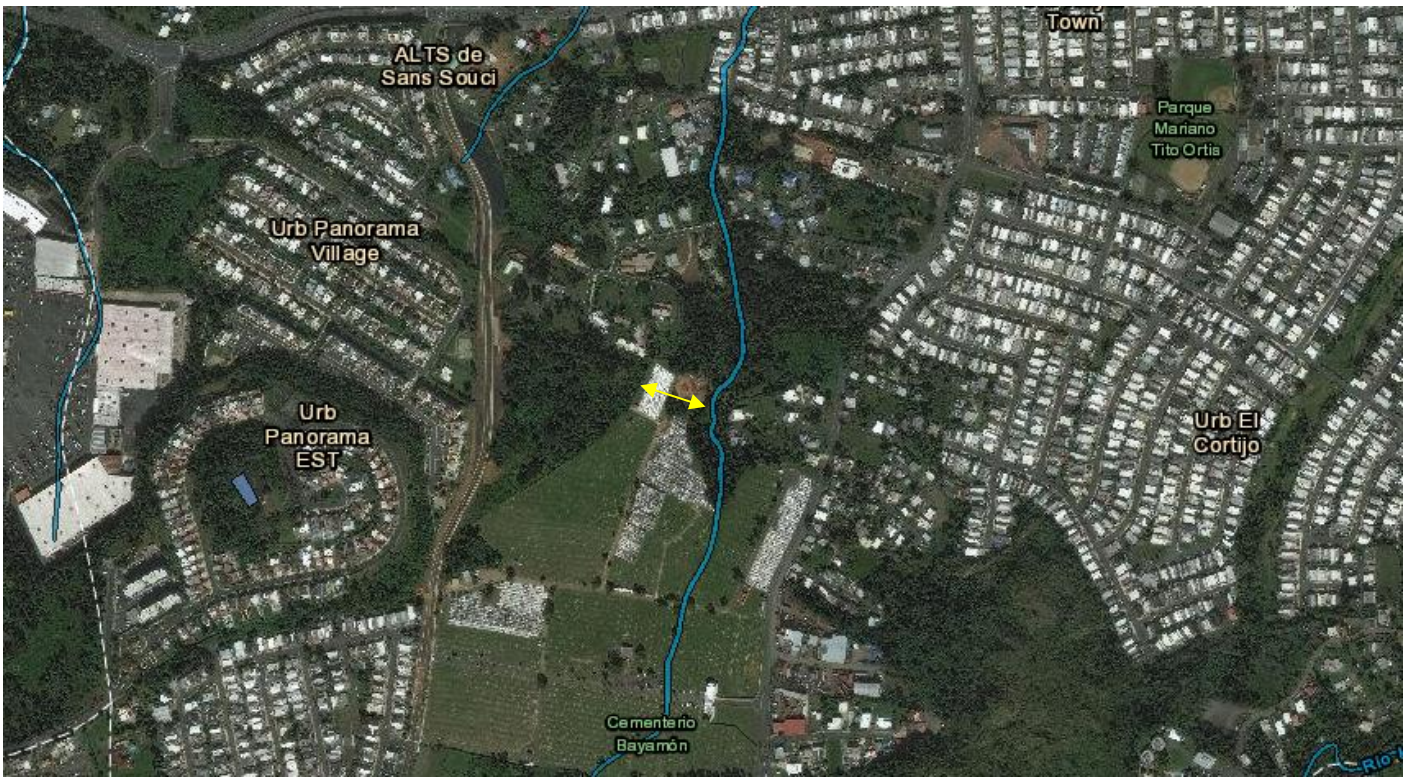


*Localización del polígono aproximada y no a escala
Fuente: websoilsurvey.sc.egov.usda.gov

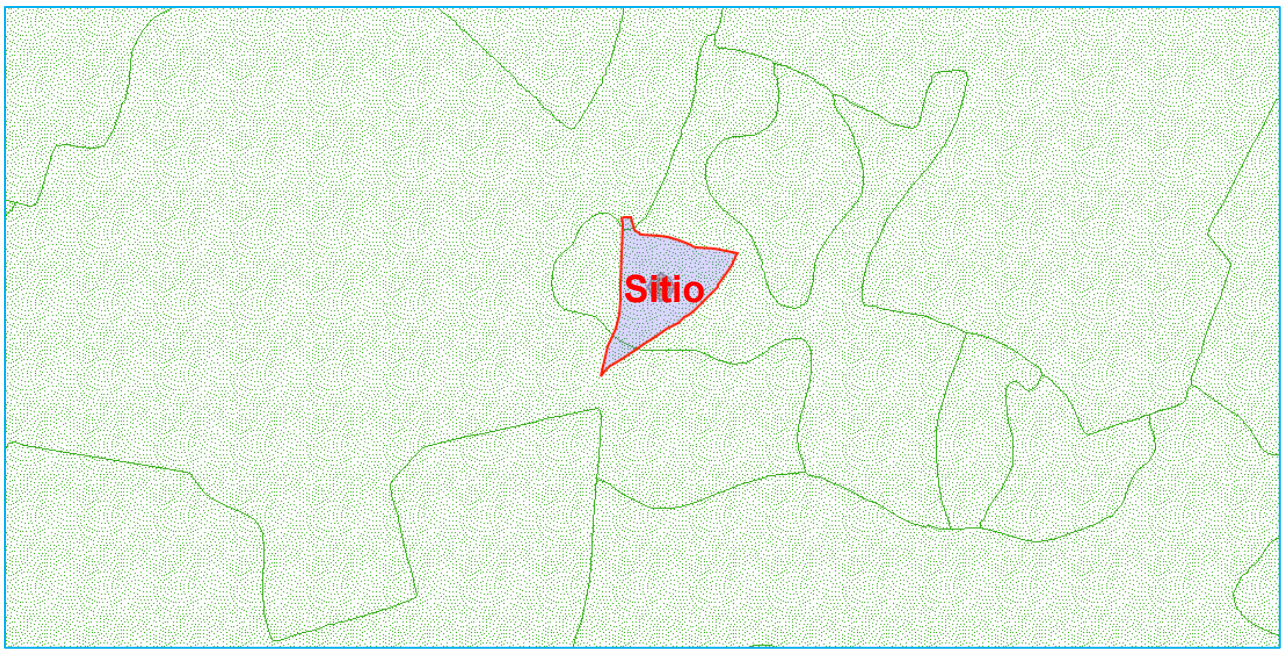
San Juan Area, Puerto Rico (PR686)			
San Juan Area, Puerto Rico (PR686)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
DaD	Daguey clay, 12 to 20 percent slopes	10.7	87.5%
HtE	Humatas clay, 20 to 40 percent slopes	1.5	12.5%
Totals for Area of Interest		**12.2**	**100.0%**

VI c) Wetland Delineations

At approximately 105 meters is the “Quebrada Cerro Gordo”. A Riverine Wetland classified as R5UBH. Between the site and the creek is the “Cementerio Los Cipreses”.



Se realizó una búsqueda y análisis de datos obtenidos del sistema de información geográfica GIS de la Junta de Planificación de Puerto Rico (JP) en su herramienta "MI PR". La información obtenida coincide con la encontrada en el "Web Soil Survey" del USDA: **DaD: Daguey Clay, 12 to 20 percent slopes y HtE: Humatas Clay, 20 to 40 percent slopes.**



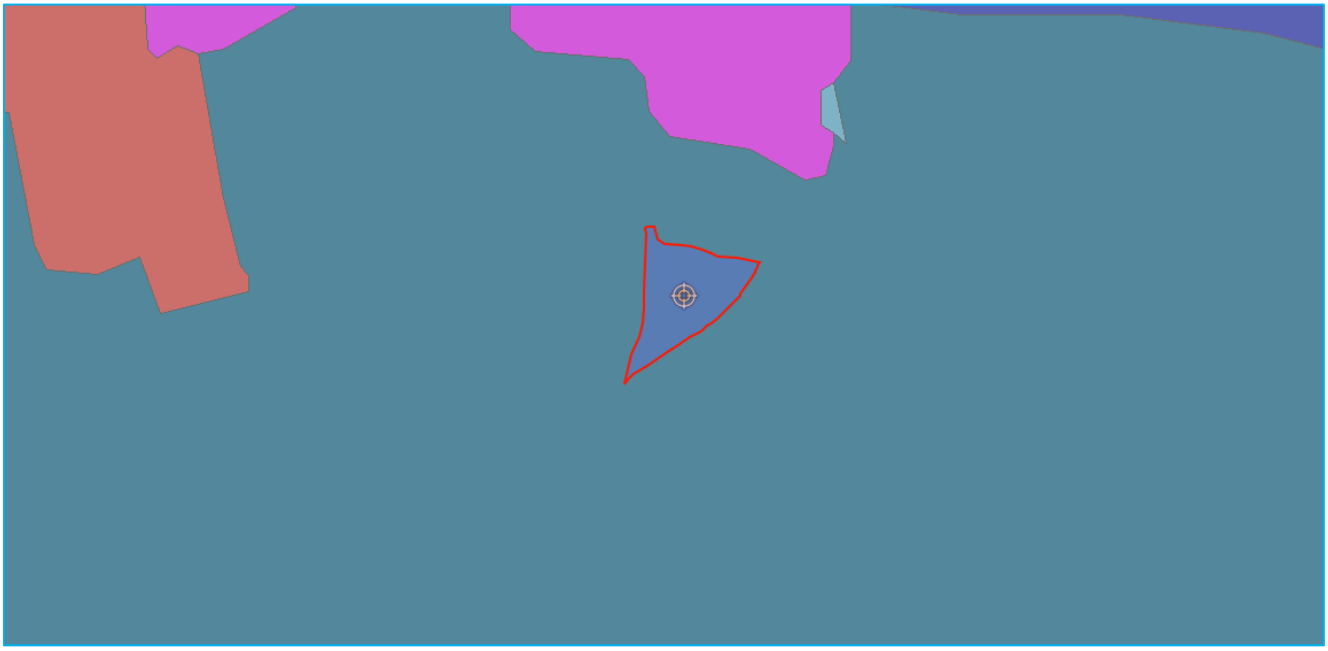
Fuente: http://gis.jp.pr.gov/

Tipos de Suelo NRCS (encontrados: 2)

Código	Nombre	Área
HtE	Humatas clay, 20 to 40 percent slopes	1282229.037284
DaD	Daguey clay, 12 to 20 percent slopes	296070.432534

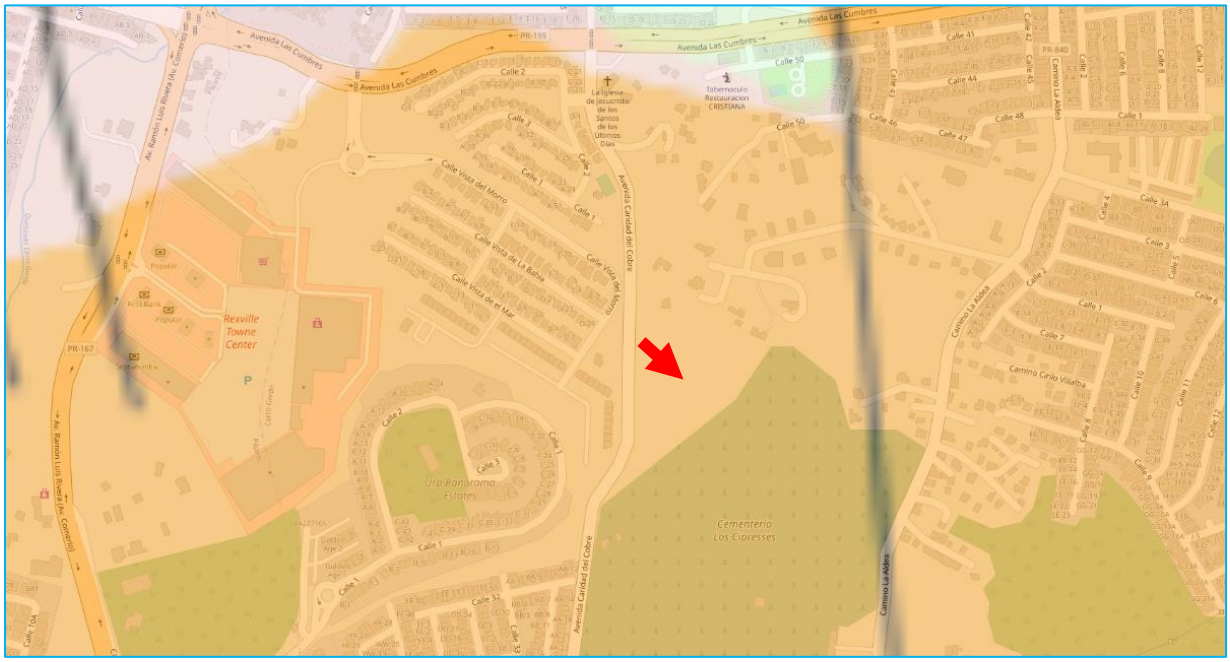
GEOLOGIA

En nuestra búsqueda y análisis de datos obtenidos del sistema de información geográfica GIS de la Junta de Planificación de Puerto Rico (JP) en su herramienta “MI PR”, se obtuvo el geodato de la Geología del predio y áreas adyacentes. La Geología según el geodato obtenido de la JP es **Cerro Gordo Lava.**



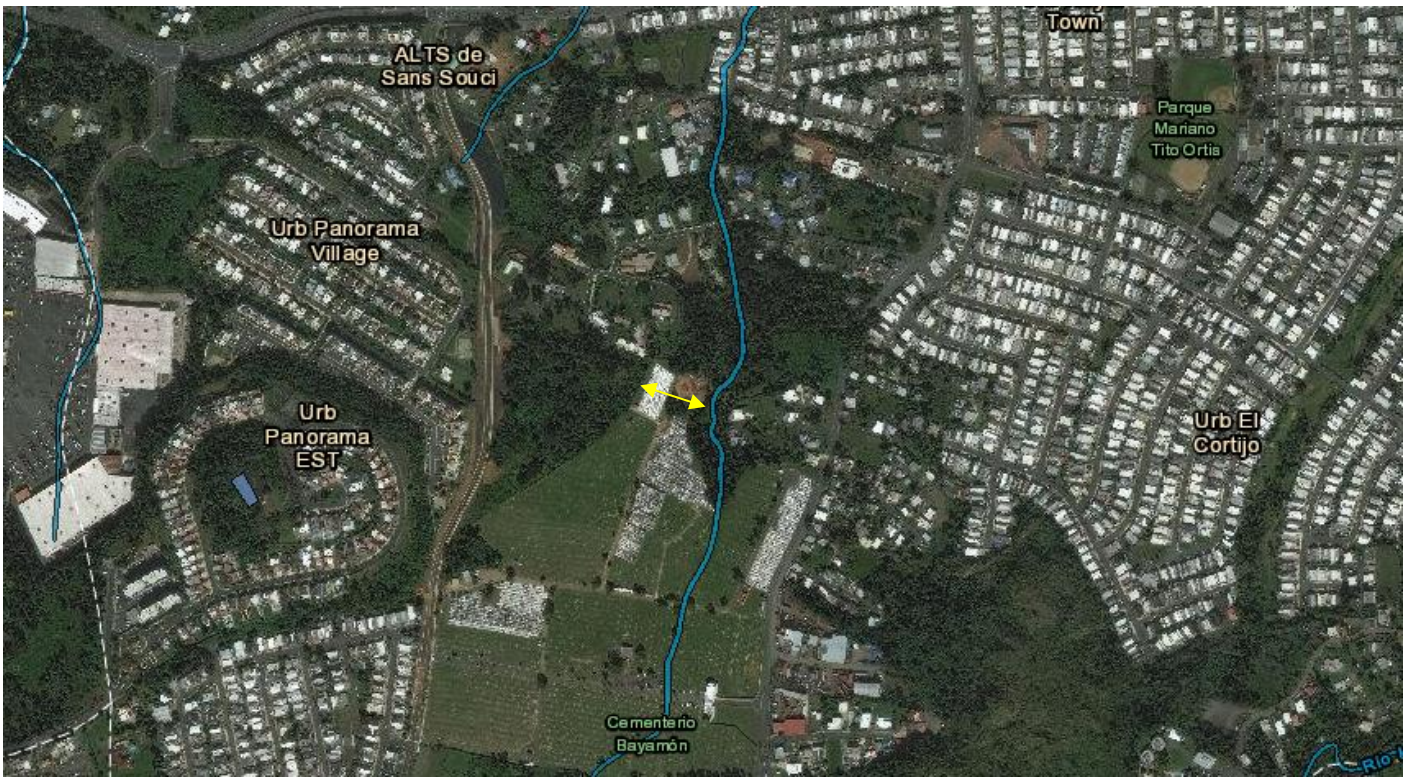
Se realizó además una búsqueda del sitio en los Mapas Geológicos de Puerto Rico del USGS Puerto Rico Geology and Mineral Resources.

Resultado: **Cerro Gordo Lava: Basaltic andesite lava, flow-breccia, and minor tuff and tuff-breccia. Maximum estimated thickness, 1,100 m.**



VI c) Wetland Delineations

At approximately 105 meters is the “Quebrada Cerro Gordo”. A Riverine Wetland classified as R5UBH. Between the site and the creek is the “Cementerio Los Cipreses”.



VI d) DETERMINACION DE QUE LA ACCION PROPUESTA NO CONLLEVARA UN IMPACTO AMBIENTAL SIGNIFICATIVO Y ANALISIS

Apolonia Apartments, LLC. dueños del solar y del proyecto Apolonia Apartments propone la construcción de 138 unidades de vivienda distribuidos en 5 edificios multifamiliares de tres (3) niveles. Este proyecto había sido evaluado anteriormente como *Caridad del Cobre* y responde a la iniciativa del Gobierno de Puerto Rico, de proveer a la ciudadanía las ventajas de poseer una vivienda adecuada y segura.

Los desarrolladores poseen un predio de terreno de aproximadamente 8.69 cuerdas ubicadas en el Barrio Cerro Gordo del Municipio de Bayamón, al este de la urbanización Panorama. El predio es un remanente de la urbanización Panorama y se propone esta finca para el desarrollo de un proyecto de vivienda multifamiliar.

En el área previamente se han desarrollado proyectos de urbanizaciones residenciales tales como Urb. Panorama Village y Panorama Estates y los complejos multifamiliares Brisas de Panorama, Altos de Panorama y Vistas de Panorama. No obstante, aún permanece la necesidad de proveer residencias adecuadas y seguras para la clase media y trabajadora de esta área. Debido al desarrollo previo de otros proyectos residenciales y la cercanía a centros comerciales el área cuenta con la infraestructura necesaria para viabilizar su construcción. No obstante, se harán mejoras a los sistemas existentes para aumentar la capacidad de manejo de las distintas utilidades, según lo requieran las agencias a consultar.

La finca objeto de consulta está delimitada por el oeste-noroeste con los desarrollos de Panorama S.E. antes mencionados, por propiedades residenciales al noreste, al este con el Cementerio Los Cipreses y al sur con la urbanización Caná. El acceso al predio de terreno es a través de la Avenida Caridad del Cobre la cual se extiende entre la Universidad Interamericana de Bayamón y la urbanización Caná desde la carretera estatal PR-830. Esta carretera ha sido extendida hasta la Avenida Las Cumbres.

Entendemos que este proyecto está de acuerdo con los mejores intereses socioeconómicos del área y que traerá consigo viviendas adecuadas, servicios y empleos necesarios en esta comunidad. Los terrenos propuestos están clasificados como Residencial Intermedio según el Plano de Ordenación de Uso del Terreno del Municipio de Bayamón. Este predio es un remanente del desarrollo Panorama S.E. y fue utilizado como área de almacén de materiales de construcción, área de estacionamiento de vagones y equipo pesado y oficinas. En la visita de campo se puede constatar que las áreas vecinales ya han sido desarrolladas residencialmente.

El proyecto consiste de 138 unidades residenciales multifamiliares distribuidas en 5 edificios. Además, contarán con facilidades recreativas y de esparcimiento para las familias residentes. El costo estimado del proyecto ronda los 33 millones de dólares.

De acuerdo al estudio de campo que llevamos a cabo en el lugar y el análisis de la información recopilada podemos concluir que **NO habrá impacto ambiental significativo**. Nuestra conclusión está basada en que el área escogida para el proyecto son terrenos vacantes y la zona ya fue impactada, debido a trabajos previos para la construcción de los proyectos unifamiliares Panorama Village y Panorama Estates y los complejos multifamiliares Brisas de

Panorama, Altos de Panorama, Vistas de Panorama y otros proyectos cercanos, por lo que el área cuenta con la infraestructura necesaria ya desarrollada. El único impacto ambiental será de modo temporal, causado por las actividades de construcción que se realicen. Para realizar estas actividades se requiere la implantación de las mejores prácticas de manejo y medidas de control para mitigar los posibles efectos sobre el ambiente comunal, las cuales llevadas a cabo con buena supervisión del contratista y la inspección rutinaria del inspector designado, se disminuyen los posibles efectos sobre el ambiente comunal y su entorno.

Hemos evaluado la propuesta desde el punto de vista ambiental, conforme a lo requerido por la *Ley Número 416 del 22 de septiembre de 2004*, conocida como *Ley Sobre Política Pública Ambiental*. Entendemos que si se cumple con las disposiciones reglamentarias para el tipo de proyecto que se propone y que la propuesta no tendrá impacto ambiental adverso, no obstante, recomendamos las siguientes medidas de mitigación o mejoras a la periferia del área para minimizar el posible impacto ambiental del proyecto objeto de consulta:

1. Implantar y seguir estrictamente las recomendaciones del Estudio Geotécnico al realizar el movimiento de tierra.

2. Implantar y seguir las recomendaciones del Estudio Hidrológico Hidráulico para el manejo de las aguas de escorrentía que se generen en el proyecto.

3. Coordinar con la Autoridad de Acueductos y Alcantarillados para la conexión del proyecto a su sistema de acueducto y alcantarillado sanitario y para realizar las mejoras y/o aportaciones que dicha agencia estime necesarias y que aportará el consorcio de desarrolladores. Este proceso fue realizado para Caridad del Cobre, no obstante, se estará solicitando una reevaluación del caso debido a la disminución en la cantidad de unidades y por ende, del consumo estimado.

4. Coordinar con la Autoridad de Energía Eléctrica para la conexión del proyecto al sistema eléctrico existente y para la aportación y mejoras a la infraestructura eléctrica de la zona. Este proceso fue realizado para Caridad del Cobre, no obstante, se estará solicitando una reevaluación del caso debido a la disminución en la cantidad de unidades y por ende, del consumo estimado.

5. Se reforestarán las áreas verdes que sean despojadas de su cubierta vegetal, cumpliendo con las disposiciones del Reglamento de Planificación Número 25 (Reglamento de Siembra, Poda y Forestación para Puerto Rico).

6. Se deberán implantar y mantener en condiciones óptimas las medidas para el control de la erosión y la sedimentación, para evitar impactos sobre los cuerpos de agua cercanos al proyecto, según el Reglamento para el Control de la Erosión y Prevención de la Sedimentación (Plan CES), Ahora Permiso Único Incidental.

7. Aplicar las disposiciones del Reglamento de Planificación Número 3 (Reglamento de Lotificación y Urbanización) para el manejo adecuado de las aguas de escorrentía.

8. Depositar los desechos de material de construcción y reciclable en las facilidades autorizadas por la Junta de Calidad Ambiental mediante la contratación de una compañía especializada y dedicada a estas labores.

9. Mantener cubiertos los camiones de carga que se utilicen para transportar material mientras estén en movimiento y asperjar con agua las áreas desprovistas de su cubierta vegetativa para evitar la generación de material particulado y polvo fugitivo hacia el ambiente comunal, según lo requiere el Permiso para Construcción de una Fuente de Emisión de la Junta de Calidad Ambiental.

10. Observar el periodo de operación que establece el Reglamento para la Prevención y el Control de la Contaminación por Ruido para actividades de construcción (7:00 A.M. @ 6:00 P.M.)

11. Los vehículos y materiales a utilizarse en el proyecto, deberán recorrer las rutas de acceso lo más distante posible de los planteles donde se encuentran realizando labores docentes y áreas clasificadas como zonas de tranquilidad ("Quiet Zones").

12. Se coordinará con la Autoridad de Carreteras y Transportación para el diseño y las mejoras geométricas requeridas en el acceso a construir y la intersección con la Avenida Caridad del Cobre. Este proceso fue realizado para Caridad del Cobre, no obstante, se estará solicitando una reevaluación del caso.

13. Solicitar e implantar el plan aprobado por la Environmental Protection Agency (EPA) del permiso para el manejo de las aguas de escorrentías "Storm Water Pollution Prevention Plan" (SWPPP) de acuerdo al National Pollutant Discharge Elimination System (NPDES).

14. Cumplir con todos los requerimientos de las agencias concernidas o entidades gubernamentales, para realizar este desarrollo en armonía con el entorno ambiental y preservar en todo lo posible los recursos naturales de la zona.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (787) 851-7297 Fax: (787) 851-7440
http://www.fws.gov/caribbean/es

In Reply Refer To: October 22, 2020
Consultation Code: 04EC1000-2021-SLI-0033
Event Code: 04EC1000-2021-E-00039
Project Name: Apolonia Apartments, Bayamón Puerto Rico

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

THE FOLLOWING SPECIES LIST IS NOT A SECTION 7 CONSULTATION. PLEASE CONTACT OUR OFFICE TO COMPLETE THE CONSULTATION PROCESS

The purpose of the Endangered Species Act (Act) is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect those species and/or their designated critical habitat.

Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". The enclosed species list provides information to assist with the consultation process with the U.S. Fish and Wildlife Service (Service) under section 7 of the Act. However, the enclosed species list **does not complete the required consultation process**. The species list identifies threatened, endangered, proposed and candidate species, as well as proposed and designated critical habitats, that may occur within the boundary of your proposed project and/or may be affected by your proposed project.

A discussion between the Federal agency and the Service should include what types of listed species may occur in the proposed action area, and what effect the proposed action may have on those species. This process initiates informal consultation.

When a Federal agency, after discussions with the Service, determines that the proposed action is not likely to adversely affect any listed species, or adversely modify any designated critical habitat, and the Service concurs, the informal consultation is complete and the proposed project moves ahead. If the proposed action is suspected to affect a listed species or modify designated critical habitat, the Federal agency may then prepare a Biological Assessment (BA) to assist in its determination of the project's effects on species and their habitat.

However, a BA is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a BA where the agency provides the Service with an evaluation on the likely effects of the action to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a BA are described at 50 CFR 402.12.

If a Federal agency determines, based on its BA or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to further consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species, and proposed critical habitat be addressed within the consultation process.

More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at:

http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

For more information:

U.S. Fish and Wildlife Service

Caribbean Ecological Services Field Office

Road 301, Km. 5.1 / Bo. Corozo

Boquern, PR 00622

Telephone: (787) 851-7297

Fax: (787) 851-7440

Email: caribbean_es@fws.gov

http://www.fws.gov/caribbean/es

Send all documents to:

U.S. Fish and Wildlife Service

P.O. Box 491

Boquern, Puerto Rico 00622

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Marine Mammals
- Wetlands

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
(787) 851-7297

Project Summary

Consultation Code: 04EC1000-2021-SLI-0033

Event Code: 04EC1000-2021-E-00039

Project Name: Apolonia Apartments, Bayamón Puerto Rico

Project Type: DEVELOPMENT

Project Description: Apolonia Apartments, LLC proposed development is 138 housing units divided in 5 walk-up buildings for mid- to low-level families of the area. The lot is approximately 8.44 acres and in the past it was used as staging areas for the construction of “Urbanización Panorama” so this lot has already been impacted and is a remnant of the larger lot for “Panorama” Developments. The lot is surrounded by houses, housing developments and “Los Cipreses” Cemetery.

In the proposed area, residential development projects such as “Urb. Panorama Village” and “Panorama Estates” and the multi-family complexes “Brisas de Panorama”, “Altos de Panorama” and “Vistas de Panorama” have previously been developed. However, the need to provide adequate and safe houses for the working and middle class in this area still remains. Due to the previous development of other residential projects and the proximity to shopping centers, the area has the necessary infrastructure to make its construction viable. However, improvements will be made to the existing systems to increase their utilities capacity, as required by the agencies to be consulted.

The estimated duration of this project is 24 months.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/18.35952022065066N66.1808866076407W

Counties: Bayamón, PR

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Reptiles

NAME	STATUS
Puerto Rican Boa *Epicrates inornatus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ecos.fws.gov/ipac/guideline/design/population/156/office/41430.pdf	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

---

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

THERE ARE NO FWS MIGRATORY BIRDS OF CONCERN WITHIN THE VICINITY OF YOUR PROJECT AREA.

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.
Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?
The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?
The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?
To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?
Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?
If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report
The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.

Marine Mammals

Marine mammals are protected under the Marine Mammal Protection Act. Some are also protected under the Endangered Species Act[1] and the Convention on International Trade in Endangered Species of Wild Fauna and Flora[2].

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walruses, polar bears, manatees, and dugongs] and NOAA Fisheries[3] [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the Marine Mammals page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

---

1. The Endangered Species Act (ESA) of 1973.
2. The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
3. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

NAME

Wetlands

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

VIII. Effect Determination

Based on the project location, project nature, species, and critical habitat information obtained from IPaC and the fact that this area was already impacted in 2014, we determine that the proposed project would have **no effect** on any federally listed species or designated critical habitat.

Certified by: Maritza Rivas Rodriguez

18506 PE

MARITZA RIVAS RODRIGUEZ
INGENIERO
LICENCIADO
LIC. # 18506
PUERTO RICO

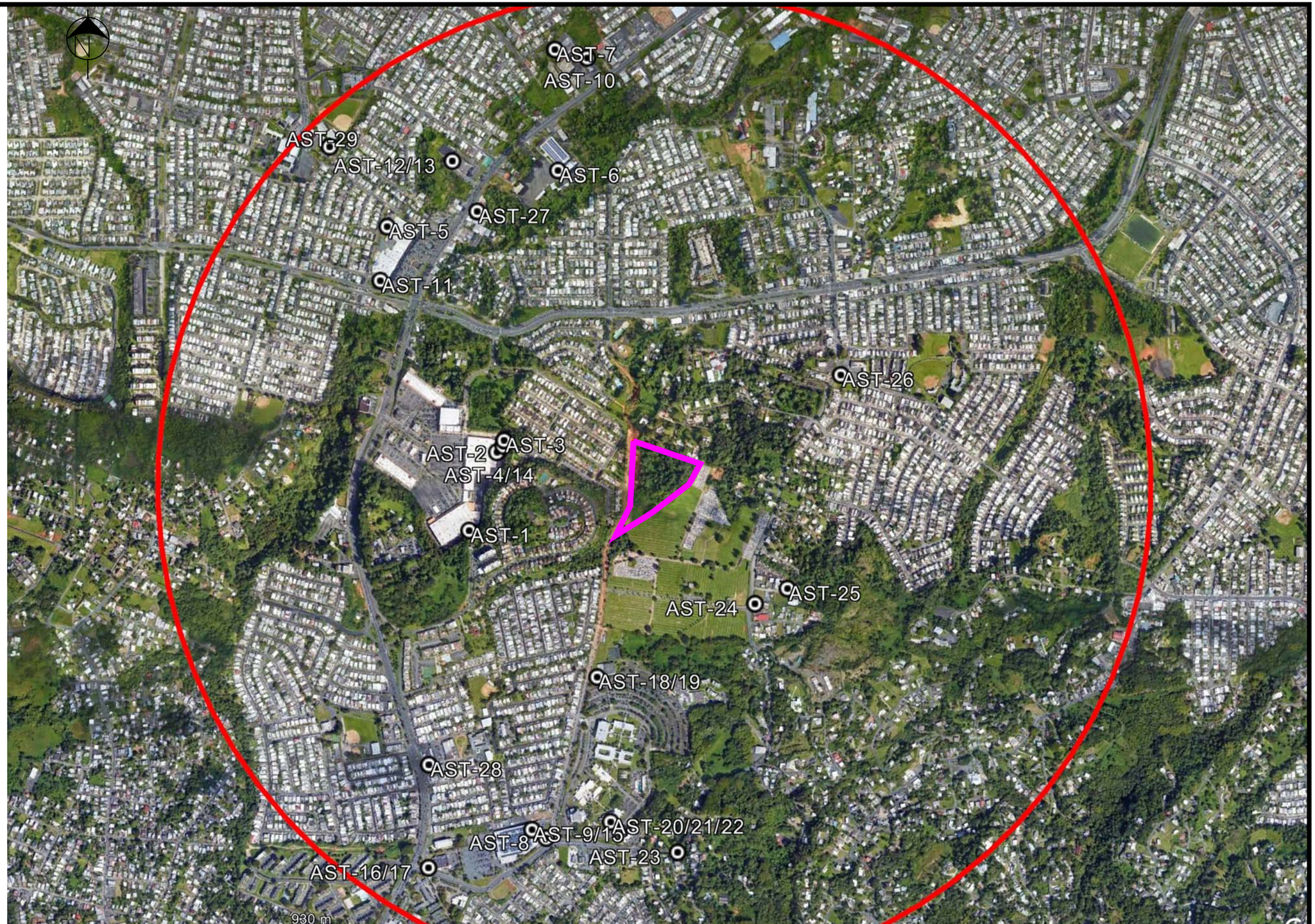
Firma y Sello (en original)

10
Explosives and Flammables Map

LEGEND:

ESTIMATED PROPERTY BOUNDARY

AST-10 AST INDENTIFICATION



NOTE:

ALL LOCATIONS SHOWN ARE APPROXIMATE AND ARE ACCOMMODATED TO FIT THIS FIGURE

SOURCE: GOOGLE EARTH PRO AERIAL PHOTOGRAPH DATED NOVEMBER 7, 2022
AND SITE VISIT CONDUCTED BY CES PERSONNEL ON OCTOBER 27, 2025

NOT TO SCALE

CES
Caribe Environmental Services

APOLONIA APARTMENTS
ACCEPTABLE SEPARATION DISTANCE EVALUATION

BAYAMON, PUERTO RICO

AST'S WITHIN A
ONE MILE RADIUS

PROJECT NO.
24-0009C

FIGURE 1

10a
Above Storage Tanks (ASTs) Survey

APOLONIA APARTMENTS
ACCEPTABLE SEPARATION DISTANCE
BAYAMON, PUERTO RICO

Explosive and Flammable Hazards (CEST and EA)

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C
Reference		
https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities		

1. **Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?**

   ☒ No
   → *Continue to Question 2.*

   ☐ Yes
   Explain:

   → *Go directly to Question 5.*

2. **Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?**

   ☐ No
   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

   ☒ Yes
   → *Continue to Question 3.*

3. **Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are NOT covered under the regulation include:**

   - **Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR**
   - **Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.**

   If all containers within the search area fit the above criteria, answer "no." For any other type of aboveground storage container within the search area that holds one of the flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer "yes."

   ☐ No
   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.*

   ☒ Yes
   → *Continue to Question 4.*

4. **Visit HUD's website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the electronic assessment tool. To document this step in the analysis, please attach the following supporting documents to this screen:**

   - **Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and**
   - **Electronic assessment tool calculation of the required separation distance.**

   Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?

   ☒ Yes
   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

   ☐ No
   → *Go directly to Question 6.*

5. **Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?**

   Please visit HUD's website for information on calculating Acceptable Separation Distance.

   ☐ Yes For ASTs located Outside of the Project Limit

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*

   ☒ No, for ASTs located within the project limit

   → *Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*
   Continue to Question 6.

6. **For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Mitigation measures may include both natural and manmade barriers, modification of the project design, burial or removal of the hazard, or other engineered solutions. Describe selected mitigation measures, including the timeline for implementation, and attach an implementation plan. If negative effects cannot be mitigated, cancel the project at this location.**

   Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

Mitigation measures are needed for ASTs located within the project limits to bring the project into compliance. See data and information in the following sections

<u>Worksheet Summary</u>

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Figure 1 shows an aerial photo with the identified ASTs, located outside of the project limits, within one-mile radius of the proposed project site. This information was obtained by conducting a site visit to identify ASTs in the field and using Google Map photographs. Please note that this information should be considered preliminary, since the ASTs are located in private properties, and access to the AST areas was limited to what it can be observed from a distance. The following ***Table 1,*** summarizes the observed/identified ASTs:

TABLE 1
ASTs OUTSIDE THE PROJECT LIMITS
OBSERVED OR IDENTIFIED WITHIN ONE-MILE RADIOS
APOLONIA APARTMENTS
BAYAMON, PUERTO RICO

Tank No.	Approximate Location	Approximate Coordinates	Estimated Volume in Gallons	Estimated dike Dimensions	Distance from Project Limit in Feet
AST-1	Rexville Town Center	18^{0}21'29.16" N 66^{0}11'12.12" W	3,000	Not Available (NA)	1,583
AST-2	Rexville Town Center	18^{0}21'38.09" N 66^{0}11'08.67" W	1,000	NA	1,382
AST-3	Rexville Town Center	18^{0}21'38.60" N 66^{0}11'08.65" W	500	NA	1,347
AST-4	Rexville Town Center	18^{0}21'37.42" N 66^{0}11'09.46" W	1,000	NA	1,446
AST-5	Rexville Plaza	18^{0}22'01.43" N 66^{0}11'21.64" W	1,000	NA	3,495
AST-6	Academia Cristiana	18^{0}22'07.03" N 66^{0}11'02.67" W	2,000	NA	2,292
AST-7	Tribunal Building	18^{0}22'19.85" N 66^{0}11'02.93" W	3,000	NA	4,226
AST-8	Reilly Auto Parts	18^{0}20'56.91" N 66^{0}11'03.89" W	250	NA	3,256
AST-9	Reilly Auto Parts	18^{0}20'57.75" N 66^{0}11'05.56" W	5,000	NA	3,320
AST-10	Tribunal Building	18^{0}22'18.95" N 66^{0}10'59.41" W	500	NA	4,089
AST-11	Rexville Plaza	18^{0}21'55.67" N 66^{0}11'22.31" W	1,000	NA	3,193
AST-12	Walgreens	18^{0}22'08.04" N 66^{0}11'14.31" W	1,000	NA	3,530
AST-13	Walgreens	18^{0}22'08.04" N 66^{0}11'14.31" W	1,000	NA	3,530
AST-14	Rexville Town Center	18^{0}21'37.42" N 66^{0}11'09.46" W	2,300	NA	1,446
AST-15	Reilly Auto Parts	18^{0}20'57.75" N 66^{0}11'05.56" W	1,000	NA	3,230
AST-16	Walgreens	18^{0}20'53.85" N 66^{0}11'17.11" W	1,000	NA	4,094
AST-17	Walgreens	18^{0}20'53.85" N 66^{0}11'17.11" W	200	NA	4,094
AST-18	Inter University	18^{0}21'13.80" N	500	NA	1,523

		66^{0}10’58.30” W			
AST-19	Inter University	18^{0}21’13.80” N 66^{0}10’58.30” W	1,000	NA	1,523
AST-20	Inter University	18^{0}20’58.66” N 66^{0}10’56.80” W	500	NA	3,063
AST-21	Inter University	18^{0}20’58.66” N 66^{0}10’56.80” W	1,000	NA	3,063
AST-22	Inter University	18^{0}20’58.66” N 66^{0}10’56.80” W	1,000	NA	3,063
AST-23	PRASA Pump House	18^{0}20’55.48” N 66^{0}10’49.41” W	1,000	NA	3,399
AST-24	Rosado Rental Equip.	18^{0}21’21.44” N 66^{0}10’40.88” W	2,000	NA	1,423
AST-25	BN Structural	18^{0}21’22.99” N 66^{0}10’37.44” W	1,000	NA	1,543
AST-26	New Construction	18^{0}21’45.39.44” N 66^{0}10’31.43” W	2,000	NA	1,780
AST-27	Gulf Gas Station	18^{0}22’02.75” N 66^{0}11’11.59” W	560	NA	2,978
AST-28	Total Gas Station	18^{0}21’04.34” N 66^{0}11’16.91” W	560	NA	3,133
AST-29	Claro Facility	18^{0}22’09.52” N 66^{0}11’27.89” W	6,000	NA	4,462

The Acceptable Separation Distance (ASD) was determined using the ASD Assessment Tool prepared by the Housing Urban Department. ***Table 2*** includes the computed ASD for the identified ASTs, outside the project limits.

TABLE 2
COMPUTED ASD
ASTs OUTSIDE THE PROJECT LIMITS
(Worst Case Scenario Assuming no Dike Containment)

Tank No.	Estimated Volume in Gallons	Distance to Project Limit	Computed ASD for People	Computed ASD for Building	Acceptable YES/NO
AST-1	3,000	1,583	437	83	YES
AST-2	1,000	1,382	277	50	YES
AST-3	500	1,347	207	37	YES
AST-4	1,000	1,446	277	50	YES
AST-5	1,000	3,495	277	50	YES
AST-6	2,000	2,292	369	69	YES
AST-7	3,000	4,226	437	83	YES
AST-8	250	3,256	155	26	YES
AST-9	5,000	3,320	540	106	YES
AST-10	500	4,089	207	37	YES
AST-11	1,000	3,193	277	50	YES
AST-12	1,000	3,530	277	50	YES
AST-13	1,000	3,530	277	50	YES
AST-14	2,300	1,446	391	74	YES

AST-15	1,000	3,230	277	50	YES
AST-16	1,000	4,094	277	50	YES
AST-17	200	4,094	141	24	YES
AST-18	500	1,523	207	37	YES
AST-19	1,000	1,523	277	50	YES
AST-20	500	3,063	207	37	YES
AST-21	1,000	3,063	277	50	YES
AST-22	1,000	3,063	277	50	YES
AST-23	1,000	3,399	277	50	YES
AST-24	2,000	1,423	369	69	YES
AST-25	1,000	1,543	277	50	YES
AST-26	2,000	1,780	369	69	YES
AST-27	560	2,978	217	38	YES
AST-28	560	3,133	217	38	YES
AST-29	6,000	4,462	583	115	YES

As shown in **Table 2**, all observed tanks, outside the project limits and inside the one-mile radius are located at an acceptable separation distance. The printouts of the ASD Electronic Tool are included in **Appendix A.**

The Acceptable Separation Distance (ASD) for the ASTs to be located within the project limits was determined using the ASD Assessment Tool prepared by the Housing Urban Department. The ASTs within the project limits are associated to Emergency Power Generators (EPG) to be installed, to supply emergency power to the project. The location of the EPG is presented in this document . ***Table 3*** includes the computed ASD for the identified ASTs, within the project limits. The containment system enclosure proposed for the EPG and ASTs is presented in this document.

TABLE 3
COMPUTED ASD
ASTs WITHIN THE PROJECT LIMITS

Tank No.	Estimated Volume in Gallons	Dike Area Length (FT) Width(FT)	Computed ASD for People	Computed ASD for Building	Acceptable YES/NO
EPG-1	389	24.83 21.17	118	20	NO
EPG-2	389	24.83 21.17	118	20	NO
EPG-3	625	21.16 12.83	90	15	NO
EPG-4	625	21.16 12.83	90	15	NO
EPG-5	625	21.16 12.83	90	15	NO
EPG-6	625	21.16 12.83	90	15	NO
EPG-7	625	21.16 12.83	90	15	NO

The printouts of the ASD Electronic Tool are included in **Appendix D.**

Are formal compliance steps or mitigation required?

☒ Yes

☐ No

The proposed action requires mitigation by the construction of a reinforced concrete enclosures to establish compliance with the Explosive and Flammable Hazards 24 CFR Part 51 Subpart C. The mitigation measures to be implemented will be the construction of enclosure rooms (See ***Appendix C***). These enclosures will be in compliance with the requirements established under 24 CFR Part 51 Subpart C and will meet the standards required for HUD-Assisted Projects following the implementation of HUD Barrier Design mitigation measures. The certification that these enclosures meet the requirements of the HUD regulations, prepared by Antonio Garate of Alvarez-Diaz, Villalon, and certified by licensed engineer Raul Colon is included in this document.

RAUL COLON, P.E., P.H.
LIC. NUM. 8119

RAUL COLON VICENTY
INGENIERO LICENCIADO
LIC. #8119
PUERTO RICO

10b

Acceptable Separation Distance (ASD) Calculation

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	200
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	141.45
ASD for Thermal Radiation for Buildings (ASDBPU)	23.89
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	250
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	155.23
ASD for Thermal Radiation for Buildings (ASDBPU)	26.49
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	500
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	207.20
ASD for Thermal Radiation for Buildings (ASDBPU)	36.50
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	560
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	217.22
ASD for Thermal Radiation for Buildings (ASDBPU)	38.46
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	1000
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	276.57
ASD for Thermal Radiation for Buildings (ASDBPU)	50.28
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	2000
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	369.16
ASD for Thermal Radiation for Buildings (ASDBPU)	69.27
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	2300
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	391.29
ASD for Thermal Radiation for Buildings (ASDBPU)	73.90
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	3000
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	437.09
ASD for Thermal Radiation for Buildings (ASDBPU)	83.56
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	5000
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	540.74
ASD for Thermal Radiation for Buildings (ASDBPU)	105.81
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD-Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	6000
What is the Diked Area Length (ft)?	

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

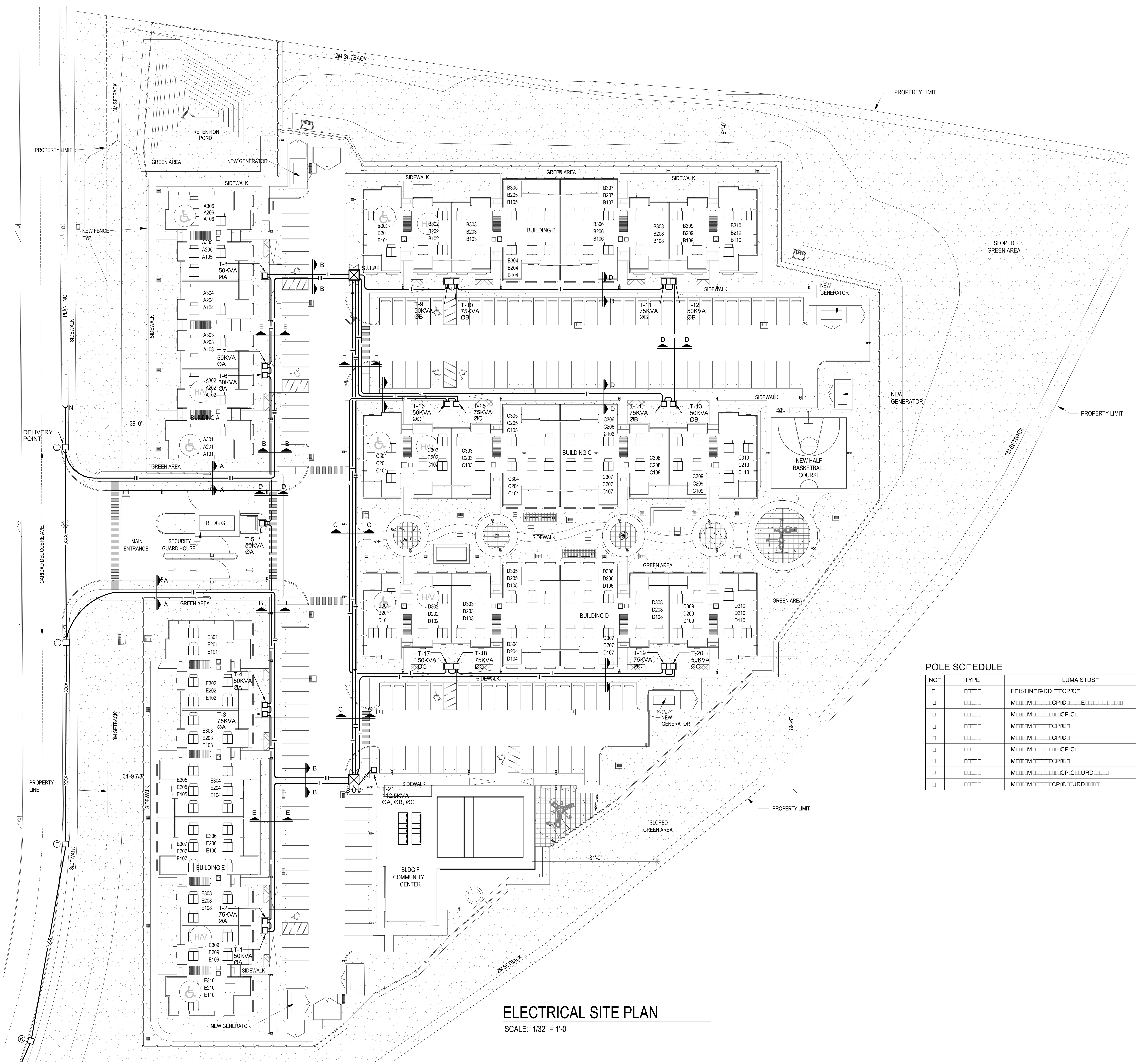
Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

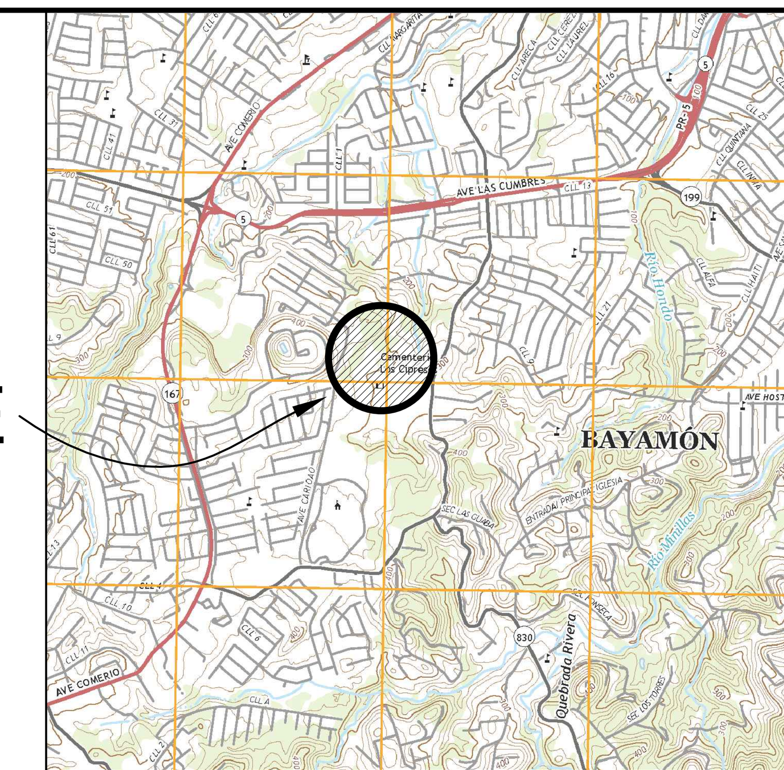
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	583.42
ASD for Thermal Radiation for Buildings (ASDBPU)	115.12
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)



ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"



LOCATION PLAN

SCALE: 1:20,000

LAMBERT COORDINATES:

X: 226631.07 Y: 258263.87

O□□ SITE LE□END□

- ⊠ LUMA□S E□ISTIN□ ELECTRICAL POLE □□□□□ TO REMAIN□
- □ NE□ CONCRETE POLE □□□□□ TO BE INSTALLED SEE POLE SC□EDULE□NUMBER INDICATES LOCATION□
- —III— 3 1/C 4/0 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#4/0 AWG GND. IN 4" PVC SCHEDULE 40 CONDUIT & 1-4" PVC SCHEDULE 40 SPARE CONDUIT AT 48" BELOW GRADE; ENCASED IN 4" CONCRETE ENVELOPE.
- —I⊙I— 3 1/C 2 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#2 AWG GND. IN 4" PVC SCHEDULE 40 CONDUIT & 1-4" PVC SCHEDULE 40 SPARE CONDUIT AT 48" BELOW GRADE; ENCASED IN 4" CONCRETE ENVELOPE.
- —I— PRIMARY UNDER□ROUND LINE □P□□□□□□V□CONSISTIN□ O□ ONE □□A□ □ COPPER□□□□V□TR□LP□S□IELDED□PVC JAC□ET □ □□□A□ □ □ND□ CONDUCTOR AT □□" BELO□ □INIS□ED □RADE IN □" PVC SC□EDULE □□ P□R□E□P□A□STANDARDS URD□□
- —x⊙x— E□ISTIN□ LUMA□S AERIAL CIRCUIT CONSISTIN□ O□ 3Ø-3W #3/0 ACSR-13.2KV AND ONE □□ACSR NEUTRAL CONDUCTOR TO REMAIN□
- —xxx— NE□ AERIAL CIRCUIT CONSISTIN□ O□ 3Ø-3W #3/0 ACSR-13.2KV AND ONE □□ACSR NEUTRAL CONDUCTOR TO REMAIN□
- ——(ELECTRICAL POLE PRIMARY □UY LETTER DENOTES T□E □OLLO□ IN□□ E□TO REMAIN N□TO BE INSTALLED SEE POLE SC□EDULE□

POLE SC□EDULE

NO□	TYPE	LUMA STDS□
□	□□□□ □	E□ISTIN□ □ADD □□□CP□C□
□	□□□□ □	M□□□M□□□□□□□CP□C□□□□□E□□□□□□□□□□□□
□	□□□□ □	M□□□M□□□□□□□□□CP□C□
□	□□□□ □	M□□□M□□□□□□□CP□C□
□	□□□□ □	M□□□M□□□□□□□CP□C□
□	□□□□ □	M□□□M□□□□□□□□□□CP□C□
□	□□□□ □	M□□□M□□□□□□□CP□C□
□	□□□□ □	M□□□M□□□□□□□□□□CP□C□□URD□□□□
□	□□□□ □	M□□□M□□□□□□□CP□C□□URD□□□□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy inginiero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, [illegible]

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA

ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□

C□r□□ □L□□d □□□□□: □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

[illegible]

SCALE: 1/32" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

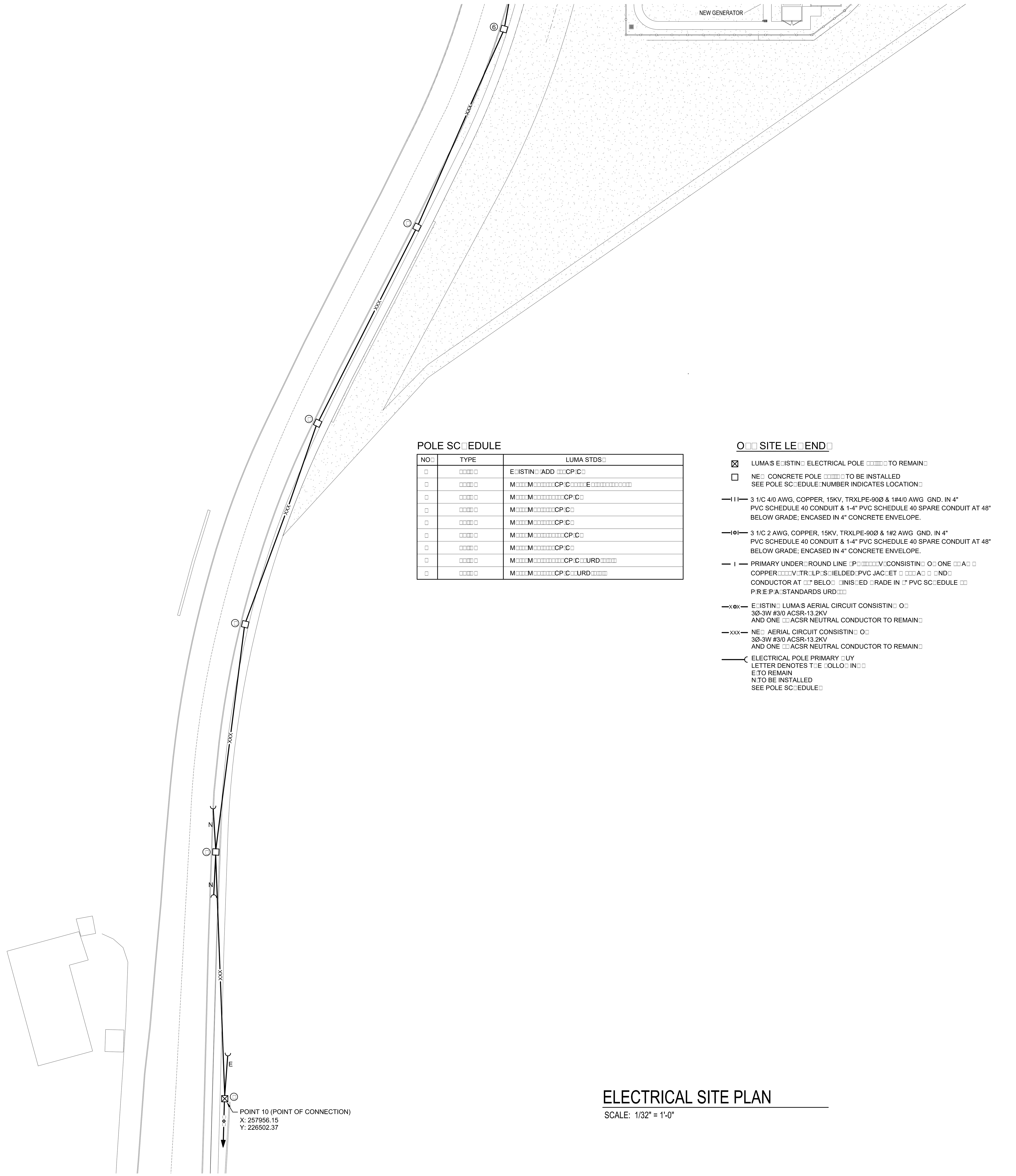
DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

ELECTRICAL PRIMARY DISPTRIBUTION SITE PLAN

SHEET ID

ESI-100



POLE SC□EDULE

NO□	TYPE	LUMA STDS□
□	□□□□	E□ISTIN□ ADD □□□CP□C□
□	□□□□	M□□□M□□□□□CP□C□□□□□E□□□□□□□□□□□□
□	□□□□	M□□□M□□□□□□□□CP□C□
□	□□□□	M□□□M□□□□□□CP□C□
□	□□□□	M□□□M□□□□□□CP□C□
□	□□□□	M□□□M□□□□□□□□CP□C□
□	□□□□	M□□□M□□□□□□CP□C□
□	□□□□	M□□□M□□□□□□□□CP□C□□URD□□□□
□	□□□□	M□□□M□□□□□□CP□C□□URD□□□□

O□□ SITE LE□END□

- ⊠ LUMA□S E□ISTIN□ ELECTRICAL POLE □□□□□TO REMAIN□
- □ NE□ CONCRETE POLE □□□□□TO BE INSTALLED SEE POLE SC□EDULE□NUMBER INDICATES LOCATION□
- —I I I— 3 1/C 4/0 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#4/0 AWG GND. IN 4" PVC SCHEDULE 40 CONDUIT & 1-4" PVC SCHEDULE 40 SPARE CONDUIT AT 48" BELOW GRADE; ENCASED IN 4" CONCRETE ENVELOPE.
- —I⊘I— 3 1/C 2 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#2 AWG GND. IN 4" PVC SCHEDULE 40 CONDUIT & 1-4" PVC SCHEDULE 40 SPARE CONDUIT AT 48" BELOW GRADE; ENCASED IN 4" CONCRETE ENVELOPE.
- — I — PRIMARY UNDER□ROUND LINE □P□□□□□□V□CONSISTIN□ O□ ONE □□A□ □ COPPER□□□□V□TR□LP□S□IELDED□PVC JAC□ET □ □□□A□ □ □ND□ CONDUCTOR AT □□" BELO□ □INIS□ED □RADE IN □" PVC SC□EDULE □□ P□R□E□P□A□STANDARDS URD□□□
- —x⊘x— E□ISTIN□ LUMA□S AERIAL CIRCUIT CONSISTIN□ O□ 3Ø-3W #3/0 ACSR-13.2KV AND ONE □□ACSR NEUTRAL CONDUCTOR TO REMAIN□
- —xxx— NE□ AERIAL CIRCUIT CONSISTIN□ O□ 3Ø-3W #3/0 ACSR-13.2KV AND ONE □□ACSR NEUTRAL CONDUCTOR TO REMAIN□
- ——(ELECTRICAL POLE PRIMARY □UY LETTER DENOTES T□E □OLLO□IN□□ E□TO REMAIN N□TO BE INSTALLED SEE POLE SC□EDULE□

ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

ELECTRICAL CONSTRUCTION PLAN NOTES

□ENERAL NOTES□

□□T□ESE PLANS COINCIDE □ IT□ T□E PLANS SUBMITTED AT "O□□P□E□"

□□O□ NER IS RESPONSIBLE O□ OBTAININ□ ALL □EDERAL□STATE□MUNICIPAL □ PRIVATE RE□UIRED PERMITS □ RI□□T O□ □ AYS CONCERNIN□ T□IS TYPE O□ PROJECT□

□□O□ NER MUST CONTRACT T□E SERVICES O□ A PUERTO RICO LICENSED EN□INEER □ □O □ ILL BE RESPONSIBLE O□ INSPECTIN□ T□E □ OR□ IN ACCORDANCE □ IT□ NUMBER □CERTI□ICATION LA□ JULY □□□□□□□□AS AMMENDED□ AND □ ILL EN□ORCE LUMA□S ELECTRICAL CONSTRUCTION PROJECT PLANS CERTI□ICATION RE□ULATION□ O□ NER MUST NOTI□Y LUMA□T□E PRIVATE INSPECTOR DESI□NATION BE□ORE PROJECT BE□INS□

□□ELECTRICAL CONTRACTOR S□ALL PER□ORM T□IS □ OR□□AS DESI□NED ON T□ESE DRA□ IN□S□CONTRACTOR MUST OBSERVE T□E BEST ELECTRICAL CONSTRUCTION INDUSTRY PRACTICES□INSTALLATION S□ALL BE IN ACCORDANCE □ IT□ LUMA□S □ CONCERNIN□ A□ENCIES ADOPTED RULES □ RE□ULATIONS□NEC□NESC CODES□IEEE□N□PA□ NEMA □ ANSI ADOPTED STANDARDS□

□□CONTRACTOR IS NOT AUT□ORI□ED TO MA□E C□AN□ES TO T□IS DESI□N□CONTRACTOR IS RESPONSIBLE □OR CONSULTIN□ T□E DESI□NER OR PROJECT DESI□NATED INSPECTOR RE□ARDIN□ ANY DOUBT IN PLANS□INTERPRETATION□ □ OR□ E□ECUTION□TEC□NICAL SPECI□ICATION□E□ISTIN□ □IELD CONDITION□DESI□N CRITERIA OR DISCREPANCES T□AT MAY APPEAR□

□□ELECTRICAL CONTRACTOR S□ALL NOTI□Y LUMA O□ T□E START O□ CONSTRUCTION AT LEAST □□DAYS BE□ORE PROJECT START□CONTRACTOR S□ALL DO SO BY □ILIN□ LUMA□S CONSTRUCTIONS START DOCUMENT□

□□ELECTRICAL CONTRACTOR AND PRIVATE INSPECTOR ARE RESPONSIBLE TO SC□EDULE□ASSIST□□ COORDINATE □ IT□ LUMA□S CORRESPONDIN□ RE□ION DISTRIBUTION EN□INEERIN□ DEPARTMENT A PRE□CONSTRUCTION MEETIN□□

□□ALL □ OR□ ON ENER□I□ED LINES□INCLUDIN□ T□E PROJECT □INAL CONNECTION□MUST BE DONE BY LUMA AND T□E O□ NER MUST ASSUME ALL T□E E□UIPMENT□MATERIAL □ LABOR COST□O□ NER □VIA PROJECT□S CONTRACTOR□MUST RE□UEST TO LUMA A JOB □UOTE□T□E □UOTE IS VALID □OR □MONT□S□

□□PER□ORMIN□ ANY □IND O□ □ OR□ ON ELECTRICAL RI□□T O□ □ AY □ IT□OUT LUMA□S □ RITTEN AUT□ORI□ATION IS STRICTLY PRO□IBITED□

□□□LUMA □ ILL NOT APPROVE ANY CONNECTION O□ PROJECTS T□AT ARE INVADIN□ RI□□T O□ □ AYS OR T□AT DO NOT COMPLY □ IT□ T□E RE□UIRED SECURITY SET BAC□S□

SYSTEMS□

□□IT IS O□ NER□S□CONTRACTOR RESPONSIBILITY TO PER□ORM CABLE TESTS TO ALL PRIMARY AND SECONDARY □EEDERS AND STRESS CONES□TESTS RESULTS MUST BE IN ACCORDANCE □ IT□ LUMA□S ESTABLIS□ED PARAMETERS □OR EAC□ TEST□TEST MUST BE PER□ORMED IN COORDINATION □ IT□ LUMA□S EN□INEERIN□ DEPARTMENT□S INSPECTIONS O□□ICE REPRESENTATIVE□

□□DURIN□ CABLE INSTALLATION□CABLE MUST BE PROTECTED □ROM □UMIDITY AND DAMA□ES□CONTRACTOR IS RESPONSIBLE □OR INSTALLIN□ CABLES USIN□ RECOMMENDED PULLIN□ TEC□NI□UES IN ORDER NOT TO E□CEED SPECI□IED CABLE MA□IMUM PULLIN□ TENSION□

□□MAN□OLE COVERS TO BE INSTALLED AT □REEN PLANTIN□ AREAS MUST BE PROTECTED USIN□ A REIN□ORCED CONCRETE SLAB AS PER LUMA□S STANDARD URD□□□□

□□□ □EN PROJECT LOCATION IS LESS T□AN A MILE □ROM SALT□ ATER BODIES□POLE RISER CONDUITS MUST BE EIT□ER PVC SC□EDULE □□OR □IBER□LASS CONSTRUCTION AS APPROVED BY LUMA

□□UNDER□ROUND CONDUIT DUCT BAN□ MUST BE INSPECTED BY LUMA BE□ORE IT IS COVERED AND COMPACTED □ IT□ EART□□

□□ALL DUCT BAN□ E□POSED TO VE□ICULAR TRA□□IC MUST BE PROTECTED □ IT□ A CONCRETE ENVELOPE□ T□OSE T□AT ARE NEAR OT□ER UTILITIES INSTALLATIONS MUST BE □□" MINIMUM SPACIN□ □ROM T□EM□

□□T□E □UANTITY O□ SPARE □USES T□AT CONTRACTOR MUST SUPPLY IS T□E SAME □UANTITY AS □USES INSTALLED AT EAC□ SUBSTATION□

□□□ROUNDIN□ CONNECTORS TO BE USED □OR SUBSTATIONS MUST BE T□ERMO□□ ELD OR COMPRESSION TYPE□

□□CONTRACTOR MUST PROVIDE PULLIN□ □ IRE □IS□□ IRE□AT EAC□ SPARE CONDUIT□

□□□MA□IMUM □ROUND RESISTANCE AT ALL DISTRIBUTION SYSTEMS MUST BE □□O□MS□A □ROUNDIN□ ROD □OR NEUTRAL CONNECTION MUST BE INSTALLED □OR EVERY □OUR POLES OR EVERY □□□□□ □EET AND IN ALL TRANS□ORMERS□

□□□T□ O SPARE CONDUITS □OR □UTURE USE MUST BE INSTALLED AT EAC□ CONCRETE POLE BASE AS RE□UIRED BY LUMA□

□□□CONCRETE POLE BASES MUST BE INSPECTED BY LUMA AT T□E CONSTRUCTION P□ASE□

MATERIALS□

□□ALL E□UIPMENT TO BE USED IN T□E CONSTRUCTION □AS TO COMPLY □ IT□ IEEE□ANSI□NEMA □ ASTM STANDARDS□

□□CONTRACTOR IS RESPONSIBLE TO VERI□Y □ IT□ LUMA□PRIOR TO INSTALLATION□T□AT ALL MATERIAL OR E□UIPMENT TO BE USED IS LUMA APPROVED□LUMA RESERVES T□E RI□□T O□ ACCEPTIN□ ANY E□UIPMENT TO BE TRANS□ERRED TO T□EM□

□□ALL MATERIAL □ E□UIPMENT □INCLUDIN□ TRANS□ORMERS □ SUBSTATION ENCLOSURES□TO BE INSTALLED □ IT□IN ONE □□MILE OR LESS O□ SALT□ ATER BODIES MUST BE CONSTRUCTED IN STAINLESS STEEL□

□□□OR UNDER□ROUND SYSTEMS□USE PRIMARY CABLES □ IT□ □□□V STRESS CONE □OR DISTRIBUTION VOLTA□ES AND □□□V STRESS CONE □OR □□□V VOLTA□E□

□□□OR OVER□EAD SYSTEMS□USE □□□V POLYMER INSULATORS □OR DISTRIBUTION VOLTA□ES AND □□□V POLYMER INSULATORS □OR □□□V VOLTA□E□

□□CONTRACTOR IS RESPONSIBLE □OR PROPERLY MAR□IN□ ALL TRANS□ORMERS TO BE TRANS□ERRED TO LUMA □ IT□ A PROPERTY NUMBER PROVIDED BY T□E CORRESPONDIN□ DISTRIBUTION EN□INEERIN□ DEPARTMENT□

SPECIAL NOTES□

□□PROJECT O□ NER S□ALL PAY LUMA T□E AMOUNT O□ □□□□□□□□□ □OR T□E E□ISTIN□ ELECTRICAL SYSTEM IMPROVEMENTS□

□□LUMA □ ILL NOT ENER□I□E T□E PROJECT UNTIL T□E O□ NER □AS ESTABLIS□ED T□E RE□UIRED RI□□T O□ □ AYS IN ACCORDANCE □ IT□ "RE□LAMENTO DE SERVIDUMBRES PARA LA AUTORIDAD DE ENER□IA ELECTRICA"□T□IS NOTE APPLIES TO ALL RE□UIRED RI□□T O□ □ AY□INSIDE □ OUTSIDE T□E PROPERTY LIMITS□

□□T□E INSTALLATION O□ T□E METERIN□ SYSTEMS □AS TO BE COORDINATED □ IT□ T□E RE□IONAL METERIN□ O□□ICE□ DESI□NER OR ELECTRICAL CONTRACTOR □AS TO CONSULT □ IT□ T□IS O□□ICE ABOUT MATERIALS □ E□UIPMENTS TO BE USED AND E□UIPMENT LOCATION□

□□T□E INSTALLATION O□ ELECTRICAL SUBSTATIONS□TRANS□ORMERS OR ANY OT□ER ELECTRICAL E□UIPMENT OVER SE□ ER SYSTEM□□ ATER LINES OR ANY OT□ER UTILITIES IS PRO□IBITED□

□□PRIOR TO PURC□ASIN□ ANY METERIN□ E□UIPMENT□ELECTRICAL CONTRACTOR S□ALL COORDINATE □ IT□ LUMA□S METERIN□ SECTION T□E AVAILABILITY O□ E□UIPMENTS TO BE SUPPLIED BY LUMA□

□□I□ T□IS PROJECT RE□UIRES LUMA□S BUL□ PO□ ER RATE CONTRACT□□ □IC□ IS RE□UIRED TO BE SI□NED PRIOR TO ENER□I□IN□ T□E PROJECT□T□E LOCATION□E□UIPMENT AND METER TYPE TO BE USED S□ALL BE COORDINATED □ IT□ "O□ICINA IRRE□ULARIDADES EN EL CONSUMO DE ENER□IA ELECTRICA□MEDICION"□SUPERVISOR AT SAN JUAN RE□IONAL O□□ICE□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, □ □□□□ □□□□□d□ □□ □□dueño d□□□□□□□ □ □□□□□□□ □□□□ □□□□□ d□ construcción □□□□ LUMA ... Transmisión □ Distribución ... LUMA ...

□E□ □□ □□□ □□□ □□d□□□□□□□□□ d□ □□ L□□Núm. □□□ d□ □□ d□ □□□□ d□ □□□□□según ... Certificación d□ P□□□□ □ Pr□□□□□□□□□□□□ ... diseñó ... códigos, ... AEE ... Planificación ... LUMA ... Práctica ... CIAPR ... LUMA ... CIAPR ... M□□□□□

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA

ENDOSO □ENDORSEMENT

N□□ □r□d□□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□□

C□r□□ □L□□d □□□□□: □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

□□LUMA □□d□□□ □□d□□ñ□ ... diseñador ... Código E□□□□□ N□□□□□□□Código d□ ... Códigos, ... LUMA ... así ... LUMA ...

□□E□□□□□□□ ... año. ... notificación ... LUMA ... mentendrá ... terminación ... perderá ... Cesión, Tr□□□□□ □ Garantía ... LUMA ...

SCALE: 1/32" = 1'-0"

ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

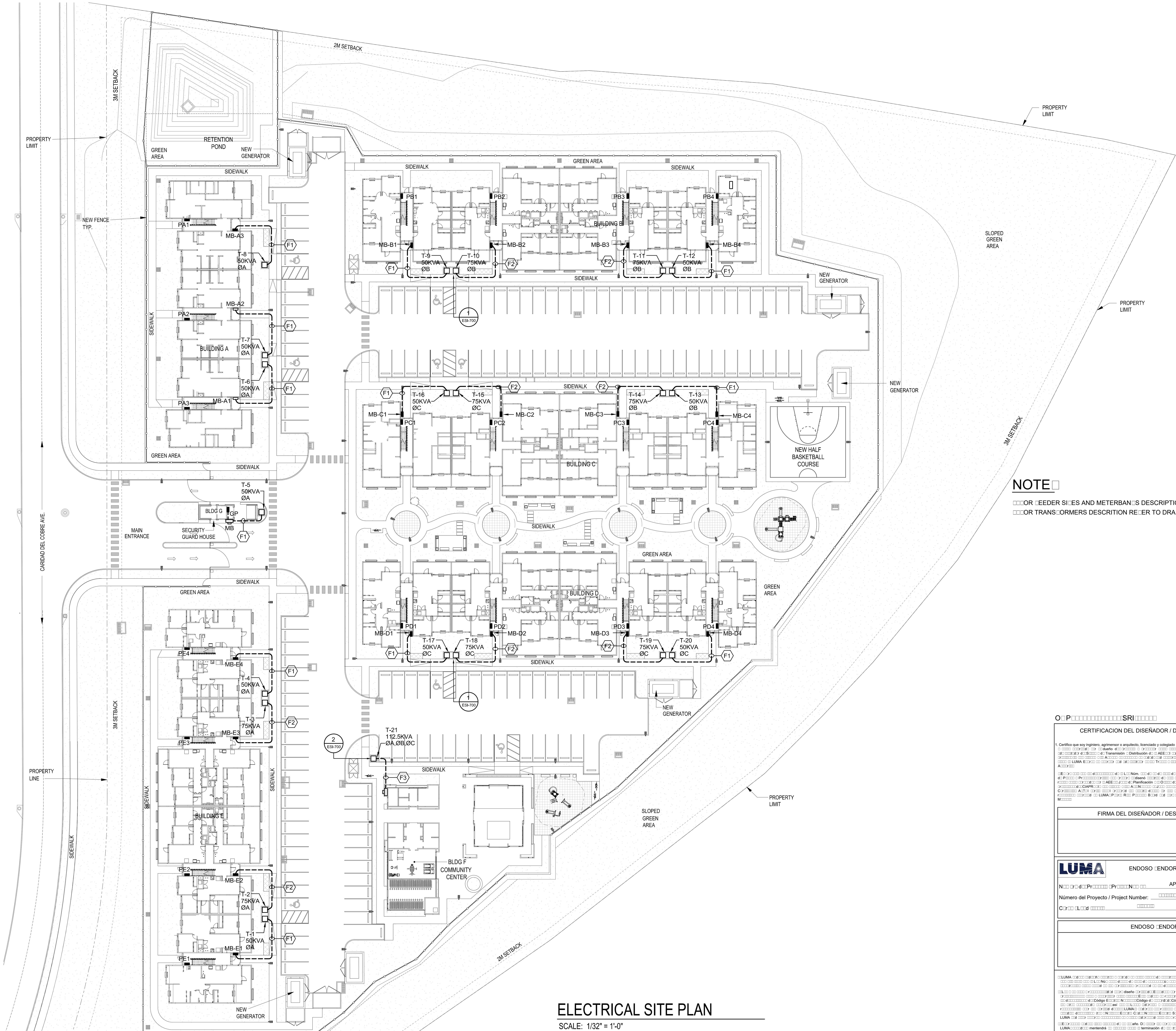
SHEET TITLE

ELECTRICAL PRIMARY DISPTRIBUTION SITE PLAN

SHEET ID

ESI-101

ISSUE FOR PERMIT



ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

NOTE□

□□□OR □EEDER SI□ES AND METERBAN□S DESCRIPTION RE□ER DRA□ IN□ ESI□□□□

□□□OR TRANS□ORMERS DESCRITION RE□ER TO DRA□ IN□ ESI□□□□

SCALE: 1/32" = 1'-0"

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, ...

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

ENDOSO □ENDORSEMENT

N□□ □r□ d□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□

C□r□□ □L□□d □□□□□: □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

AD&V
ALVAREZ-DIAZ & VILLALÕN
ARCHITECTURE I INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

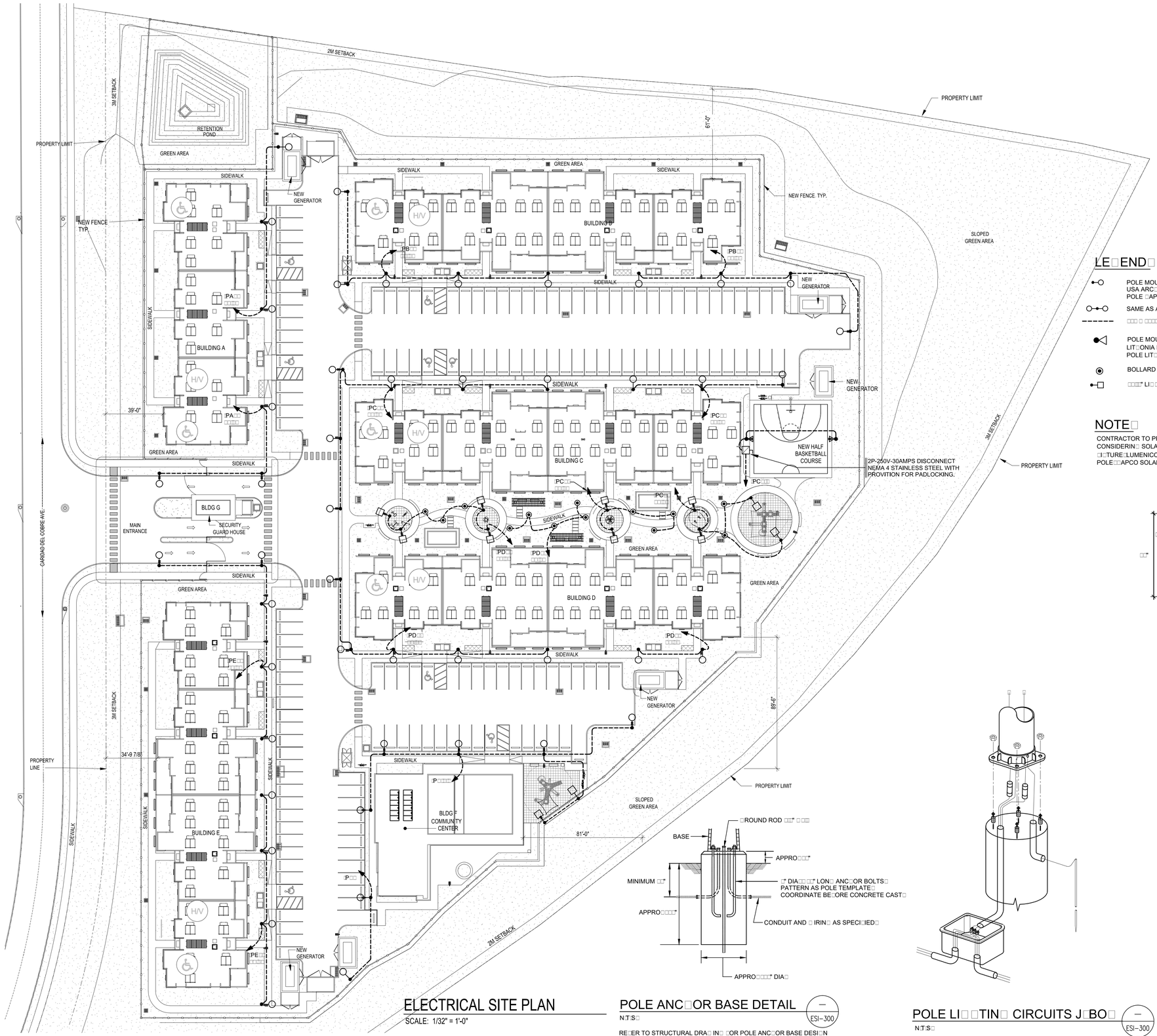
DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

ELECTRICAL SECONDARY DISTRIBUTION SITE PLAN

SHEET ID

ESI-200



ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

SCALE: 1/32" = 1'-0"

LE□END□

POLE MOUNTED LI□□TIN□ □□TURE □OR PAR□IN□ AREAS
USA ARC□ PAC□□PLED:III□ □□□LED□□□MA□□□□UNV□□□INIS□□S:PLED
POLE □APCO RSA□□D□□□SBC□□□□□□INIS□□POLE S□ALL □ IT□ STAND □□□M□P□

SAME AS ABOVE BUT T□ O □□TURES PER POLE□

□□□ □ □□□□□ND□□"C□

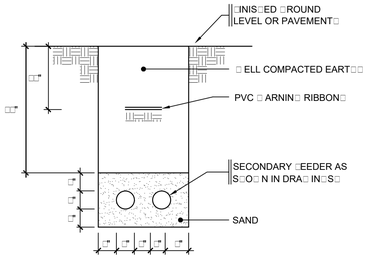
POLE MOUNTED LI□□TIN□ □□TURE □OR BAS□ETBALL COURT
LIT□ONIA RS□□□LED:P□□□□□ □L:MVOLT:IS□AO:DDB□D
POLE LIT□ONIA □□□T POLE SSA□□□□J:T□□DDB□D:POLE S□ALL □ IT□ STAND □□□MP□□

BOLLARD

□□□□" LI□□TIN□ POLE□

NOTE□

CONTRACTOR TO PROVIDE ALTERNATE COST O□PAR□IN□ LI□□T □□TURES CONSIDERIN□ SOLAR POLE □ IT□ INTE□RAL BATTERY AS □OLLO□ S□
□□TURE□LUMENICON LIAM□□□□CSL:M□□□□□□:CRI□□□□:COLOR:SPR□
POLE□□APCO SOLAR



SECTION C□C

N□T□S□

ESI-300

POLE ANC□OR BASE DETAIL

N□T□S□

ESI-300

RE□ER TO STRUCTURAL DRA□ IN□ □OR POLE ANC□OR BASE DESI□N

POLE LI□□TIN□ CIRCUITS J□BO□

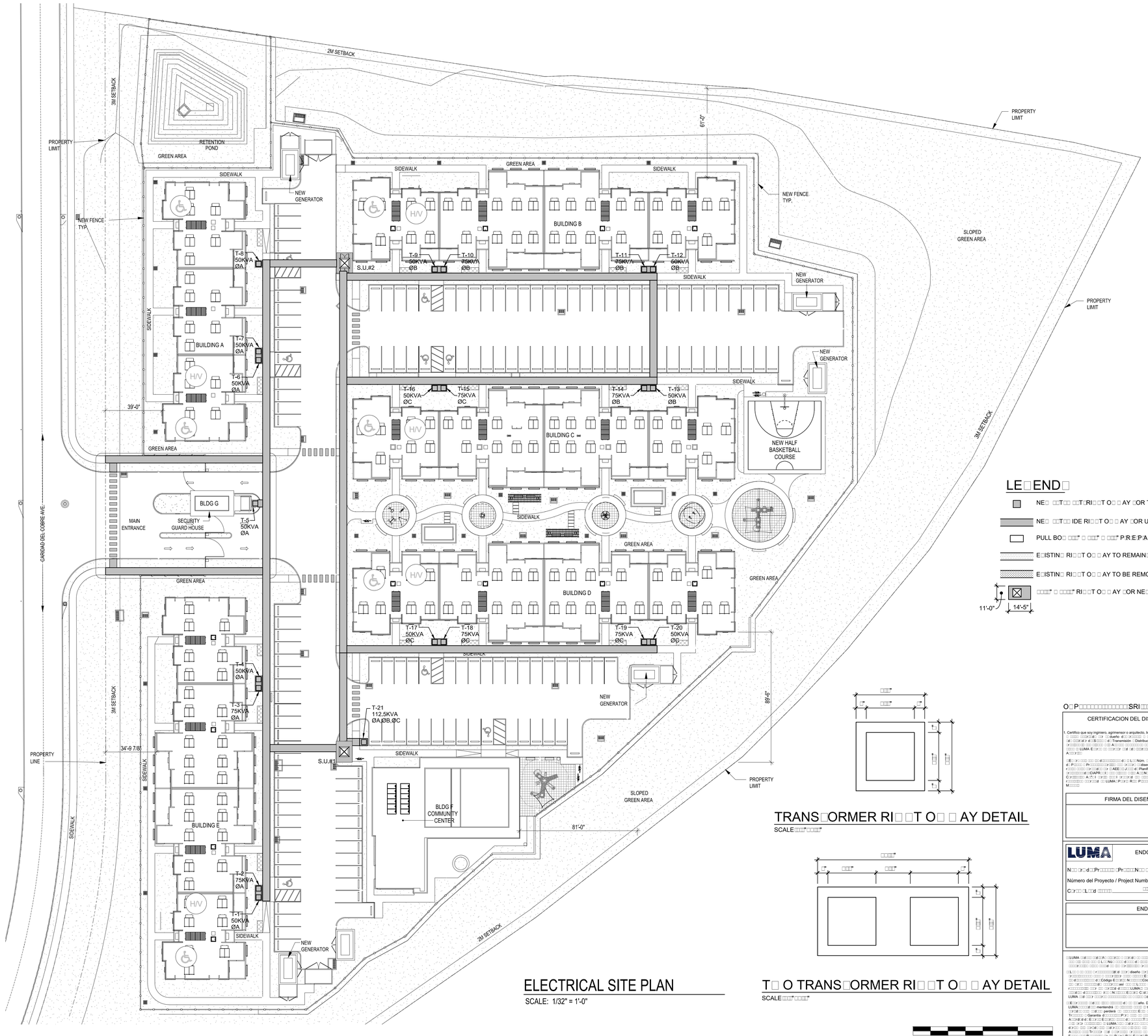
N□T□S□

ESI-300

O□P□□□□□□□□□□□□□SRI□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, □ □□□□ □□□□□□□□□□□□□□



ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

LE□END□

- NE□ □T□□ □□T□RI□□T O□ □ AY □OR TRANS□ORMERS□
- NE□ □T□□ IDE RI□□T O□ □ AY □OR UNDER□ROUND PRIMARY □EEDER□
- PULL BO□ □□□" □ □□□" □ □□□" P.R.E.P.A.□S STANDARDS URD□□B□
- E□ISTIN□ RI□□T O□ □ AY TO REMAIN□
- E□ISTIN□ RI□□T O□ □ AY TO BE REMOVED□
- □□□□" □ □□□□" RI□□T O□ □ AY □OR NE□ S□ ITC□IN□ UNIT SU□□

TRANS□ORMER RI□□T O□ □AY DETAIL

SCALE□□□"□□□"

T□ O TRANS□ORMER RI□□T O□ □AY DETAIL

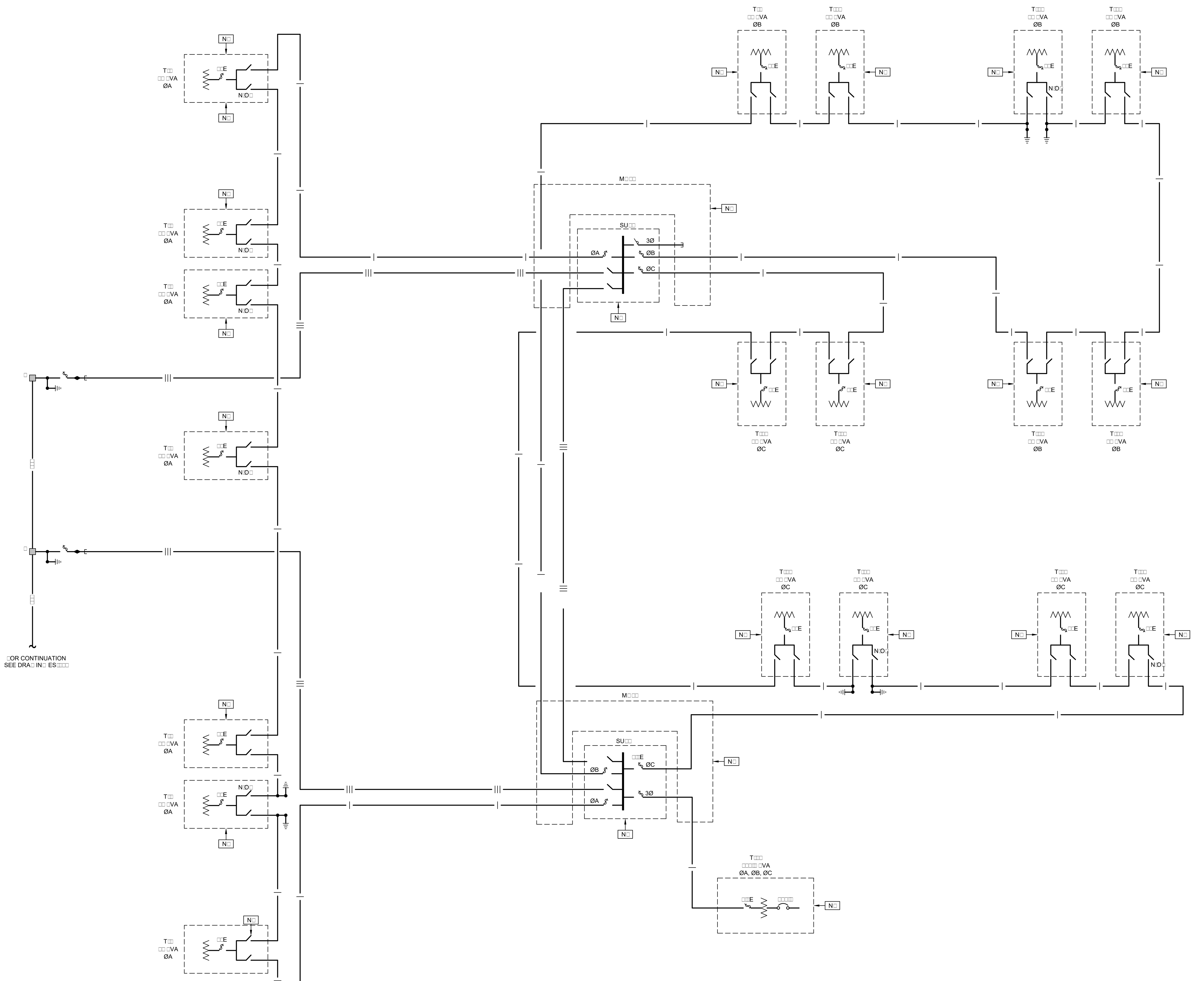
SCALE□□□"□□□"

SCALE: 1/32" = 1'-0"

O□P□□□□□□□□□□□□SRI□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, □ □□□□ □□□□□□□□ □□ □□ diseño d□□□ □□□□□□ □ □□□□□□□ □□□□ □□□□□ d□ construcción □□□ LUMA □□□□□ □□□□□□□□ □□□□□□□□□□□□□



ELECTRICAL SITE DISTRIBUTION
ONE LINE DIA□RAM
N□T□S□

LOAD BALANCE□

TRANS□ORMER NO	□VA		
	ØA	ØB	ØC
T□□	□□		
T□□	□□		
T□□	□□		
T□□	□□		
T□□	□□		
T□□	□□		
T□□	□□		
T□□	□□		
T□□		□□	
T□□□		□□	
T□□□		□□	
T□□□		□□	
T□□□		□□	
T□□□		□□	
T□□□			□□
T□□□			□□
T□□□			□□
T□□□			□□
T□□□			□□
T□□□			□□
T□□□	□□□□	□□□□	□□□□
SUB□TOTAL	□□□□	□□□□	□□□□
TOTAL	□□□□□□ □VA		

LE□END□

- NEW 13.2KV-3Ø-4W #3/0 ACSR.
- NE□ □□ □□CONCRETE POLE□
- PRIMARY UNDER□ROUND LINE □P□□□□□V□CONSISTIN□ O□ ONE □□A□ □ COPPER□□□□V□TR□LP□S□IELDED□PVC JAC□ET □ □□□A□ □ □ND□ CONDUCTOR AT □□" BELO□ □INIS□ED □RADE IN □" PVC SC□EDULE □□ P□R□E□P□A□STANDARDS URD□□□
- 3 1/C 4/0 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#4/0 AWG GND. IN 4" PVC SC□EDULE □□ CONDUIT □ □□□" PVC SC□EDULE □□ SPARE CONDUIT AT □□" BELO□ □RADE□ENCASED IN □" CONCRETE ENVELOPE□
- 3 1/C 2 AWG, COPPER, 15KV, TRXLPE-90Ø & 1#2 AWG GND. IN 4" PVC SC□EDULE □□ CONDUIT □ □□□" PVC SC□EDULE □□ SPARE CONDUIT AT □□" BELO□ □RADE□ENCASED IN □" CONCRETE ENVELOPE□
- AIR BREA□ S□ ITC□
- N□ PAD MOUNTED S□ ITC□IN□ UNIT□□P□ASE□□□□V□□□□V BIL □□□A MAIN BUS□ □□□A□LOAD BUSTER OPERATED DISCONNECTIN□ NON □USE S□ ITC□ES□□□□A□ MA□IMUM CONTINUOUS □□□□□ A□□S□LOAD BUSTER OPERATED PO□ ER □USES □ IT□ LIN□S AS INDICATED IN T□E ONE LINE DIA□RAM□□USES □OR □UTURE SERVICE S□ALL BE INSTALLED AS NEEDED IN T□E □UTURE□INSTALLATION AS PER P□R□E□P□A□STANDARDS URD□□□A□□□□□□
- □□□V LI□□TNIN□ ARRESTER□
- N□ LO□ PRO□ILE PAD MOUNTED NON PCB□S TRANS□ORMER □□□□V □R□ Y□□□□□□□V□O□□S□C□□□VA AS S□O□ N□□ IT□ INCOMIN□ AND OUT□OIN□ □□□A DEAD □RONT□ELBO□ LOAD TYPE DISCONNECT S□ ITC□ES AND □□A□□□□□A IC FUSE WITH 1½ TIME NOMINAL TRANSFORMER CURRENT LINK WITH ONE FAULT INDICATOR EAC□ □□□V LI□□TNIN□ ARRESTER M□O□V□AS S□O□ N □ IT□ 2-2½% TAPS ABOVE & 2-2½% TAPS BELOW NOMINAL VOLTAGE. INSTALLATION AS PER P□R□E□P□A□STANDARDS URD□□□□□□□□ STAINLESS STEEL□
- N□ RADIAL □EED PREPA APPROVED TYPE O□□S□C□DEAD □RONT PAD MOUNTED TRANSFORMER 112.5KVA-3Ø-4W, 13.2KV PRIMARY TO 120/208YV SECONDARY □ IT□ STAINLESS STEEL TAN□□NON PCB MINERAL OIL□□□E BAYONET TYPE PRIMARY □USES□□□□V LI□□TIN□ ARRESTER□MOLDED LOAD BREA□ TYPE ELBO□ CONNECTORS□OIL INMERSE □AN□ OPERATED PRIMARY S□ ITC□□ □□□A□□□□AT AMP□□ POLE□□ □I□□□□AIC SECONDARY MAIN BREA□ER AND ALL ALL OT□ER PREPA RE□UIREMENTS□RE□ER TO PREPA STANDARD URD□□□□□□□□□□ PROVIDE REIN□ORCED CONCRETE DI□E □OR OIL CONTAINMENT□
- N□ PULL BO□ P□R□E□P□A□STANDARDS URD□□□B□PULL BO□ES NO□□ TO NO□□
- N□O□ DENOTES NORMALLY OPEN□
- E DENOTES E□ISTIN□ □
- N DENOTES NE□ □
- ER E□ISTIN□ TO BE REMOVED□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, □ □□□□ □□□r□□d□ □□r □□dueño d□□r□□□□□ □ □r□□□□r □□□□ □□□□□ d□ construcción □□□ LUMA E□r□□ □□□ □ □□□r□d□r □ □d□ □□□r□d□r d□S□□□□ □ d□ Transmisión □Distribución d□ □□AEE□□ … LUMA E□r□□ … A□□□r□□□

□E□ □r□ □□□□ □□□ □□□ d□□□□□□□□□□ d□ □□ L□□Núm. … según … Certificación d□ P□□□□ … diseñó … códigos, … AEE□□ J□□□ d□ Planificación … LUMA E□r□□ … Práctica … CIAPR … CIAPR … M□□□□□

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA

ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS
Número del Proyecto / Project Number: □□□□□□□
C□r□□ □L□□d □□□□□: □□□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

□□LUMA □□d□□□ □□d□□ñ□ … diseñador … Código E□□□□□ N□□□□□□Código d□ □□□□r□d□Códigos … LUMA … mentendrá … terminación … perderá … Garantía … Cesión, … LUMA … Puerto Rico …

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN

Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

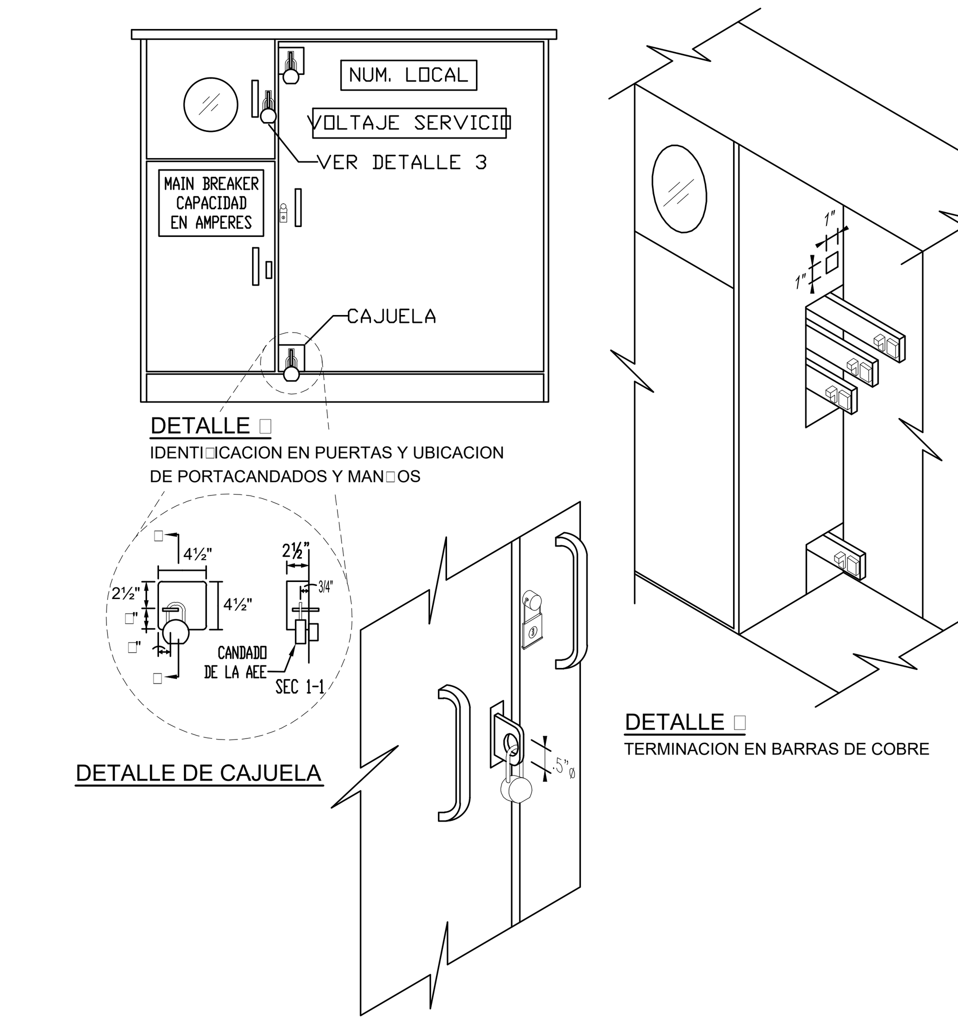
DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

ELECTRICAL
ONE LINE DIAGRAM

SHEET ID

ESI-500



DETALLE □
IDENTI□ICACION EN PUERTAS Y UBICACION DE PORTACANDADOS Y MAN□OS

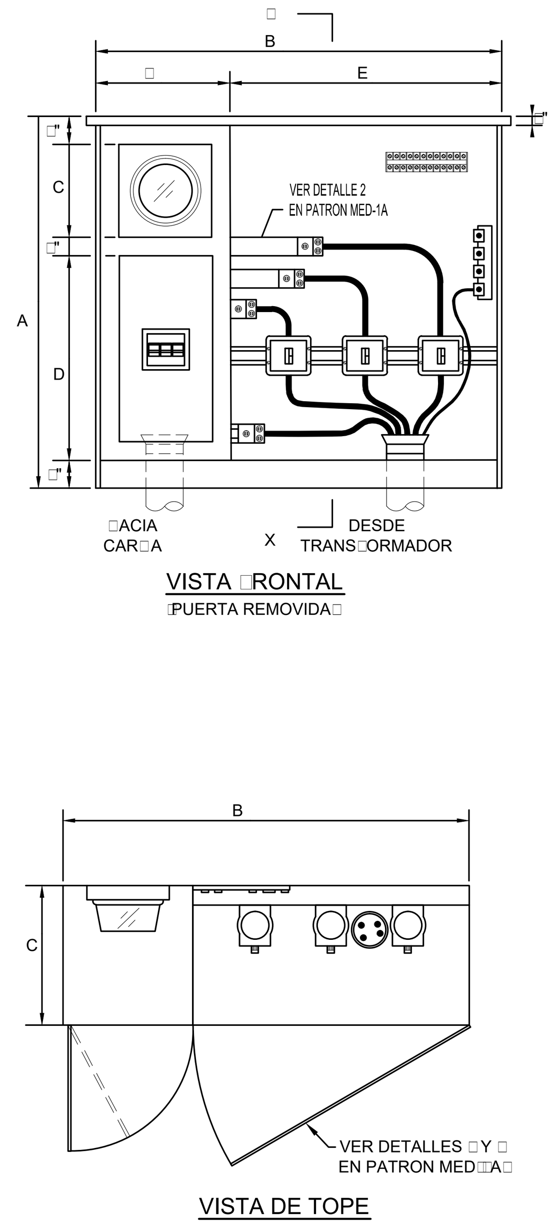
DETALLE DE CAJUELA

DETALLE □
TERMINACION EN BARRAS DE COBRE

DETALLE □
PORTACANDADO

DETALLE DE □ABINETE PARA MEDICION A VOLTA□E SECUNDARIO □MED□□A□

N□T□S□



VISTA □RONTAL
□PUERTA REMOVIDA□

VISTA LATERAL
SECCION □□□

VISTA DE TOPE

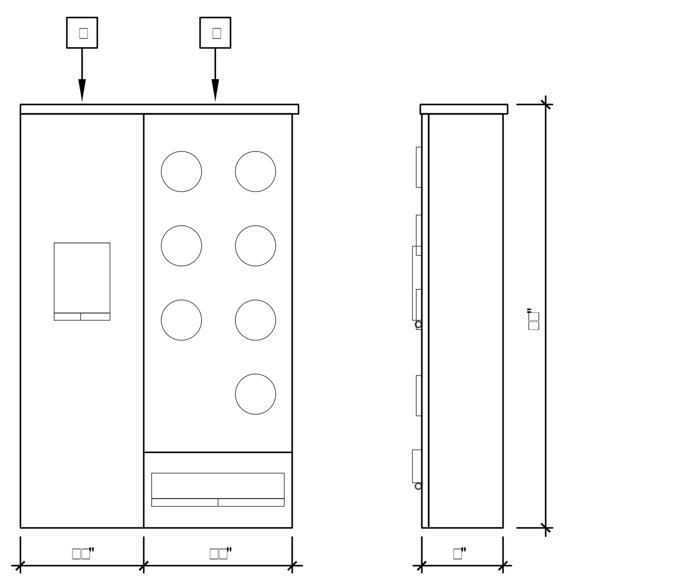
DIMENSIONES MINIMAS						
AMPERAJE	A	B	C	D	E	□
400A-1Ø	□□"	□□"	□□"	□□"	□□"	□□"
400A-3Ø 600A-3Ø 800A-3Ø	□□"	□□"	□□"	□□"	□□"	□□"
1000A-3Ø 1200A-3Ø	□□"	□□"	□□"	□□"	□□"	□□"

NOTAS□

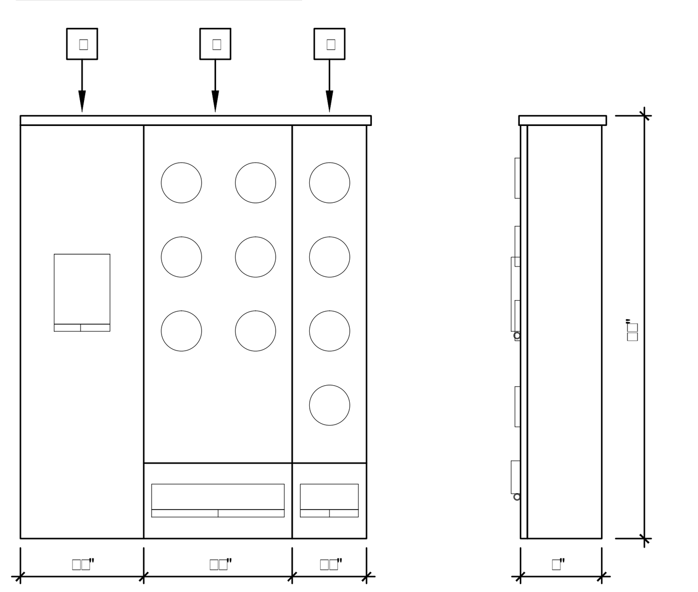
□□LAS DIMENSIONES MINIMAS ILUSTRADAS SE BASAN EN EL USO DE CT SIMILARES AL □E MODELO JA□□OC□
□□LA CONSTRUCCION DEL E□UIPO SE □ARA DE ACUERDO CON EL CODI□O ELECTRICO NACIONAL Y LOS ESTANDARES DE NEMA□
□□LA ALTURA DEL CENTRO DEL MEDIDOR NO SERA MAYOR DE 7 PIES NI MENOR DE 5½ PIES SOBRE EL NIVEL FINAL DEL TERRENO□
□□A UNA DISTANCIA DE □MILLAS O MENOS DE CUAL□UIER CUERPO DE A□UA SALADA□SE RE□UERIRA LA CONSTRUCCION DEL E□UIPO EN ACERO INO□IDABLE □□□CON CALIBRE □□□EN OTRAS AREAS□ SE PERMITIRA LA CONSTRUCCION DEL E□UIPO EN ACERO □ALVANI□ADO CON CALIBRE □□□
□□CUAL□UIER VARIACION PROPUESTA A ESTE PATRON O LA APLICACION DEL MISMO A UNA INSTALACION EN PARTICULAR TIENE □UE SER APROBADA POR LA AEE ANTES DE LA COMPRA DEL E□UIPO□

□ABINETE PARA MEDICION A VOLTA□E SECUNDARIO □MED□□□

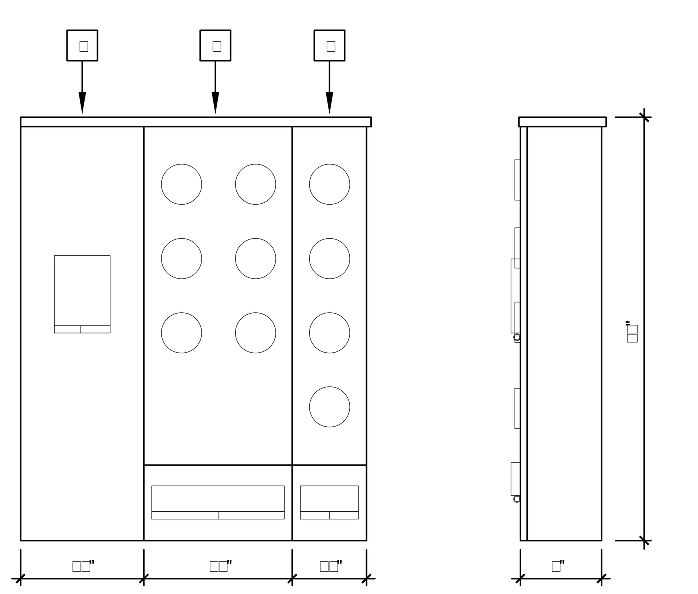
N□T□S□



□MB□A□□□MB□A□□□MB□A□□□MB□B□□□MB□B□□ □MB□C□□□MB□C□□□MB□D□□□MB□D□□ □MB□E□□□ □MB□E□□

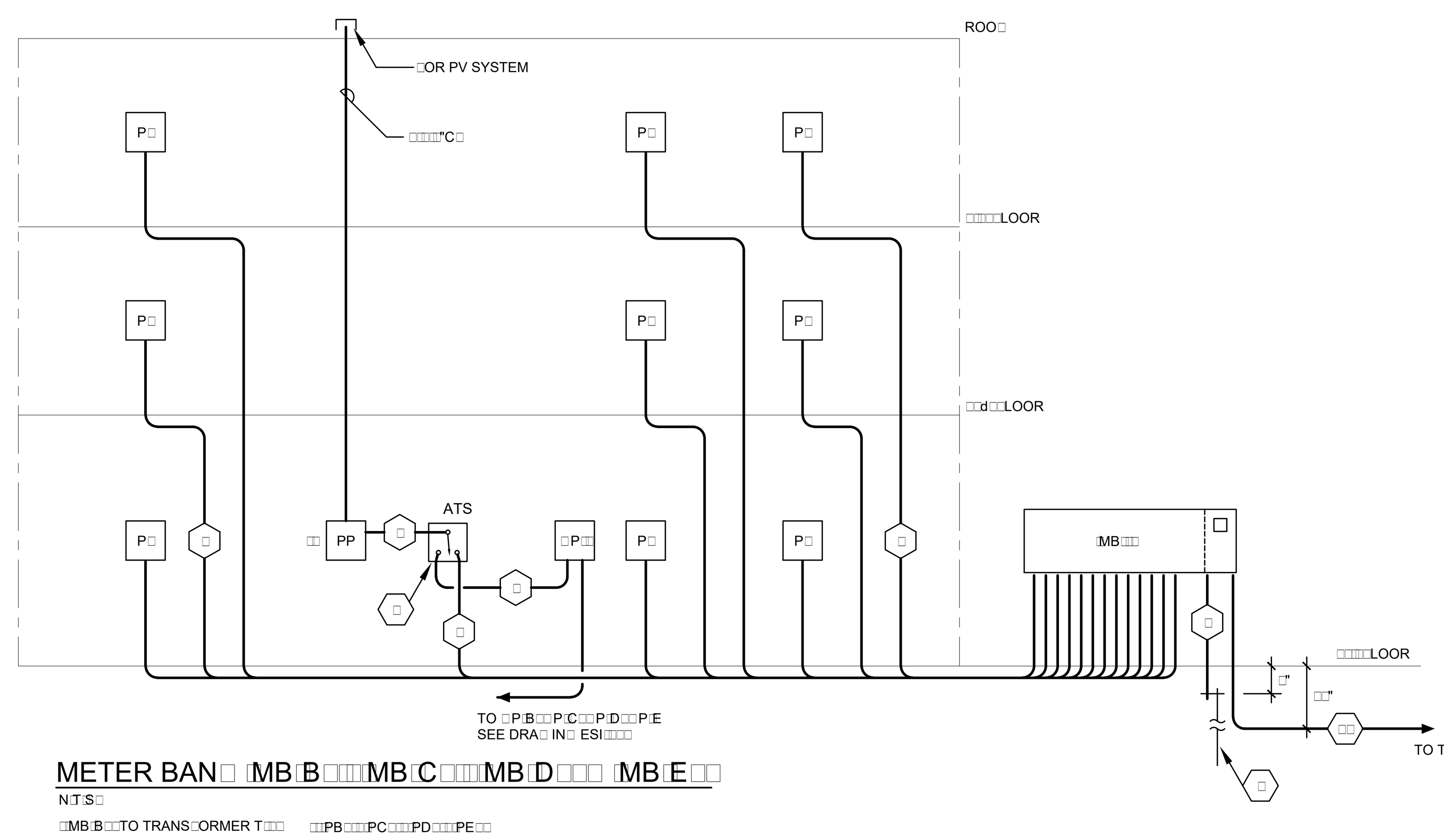


□MB□B□□□MB□C□□□MB□D□□□ □MB□E□□



□MB□B□□□MB□C□□□MB□D□□□MB□E□□

METERIN□ CABINET □OR COMMUNITY BUILDIN□ BLD□ "□"



METER BAN□ □MB□B□□□MB□C□□□MB□D□□□ □MB□E□□

N□T□S□

□MB□B□□TO TRANS□ORMER T□□□ □□PB□□□PC□□□PD□□□PE□□
□MB□C□□TO TRANS□ORMER T□□□ □□□□PB□□□□PC□□□□PD□□□□PE□□
□MB□D□□TO TRANS□ORMER T□□□
□MB□E□□TO TRANS□ORMER T□□

METER BAN□ DESCRIPTION□

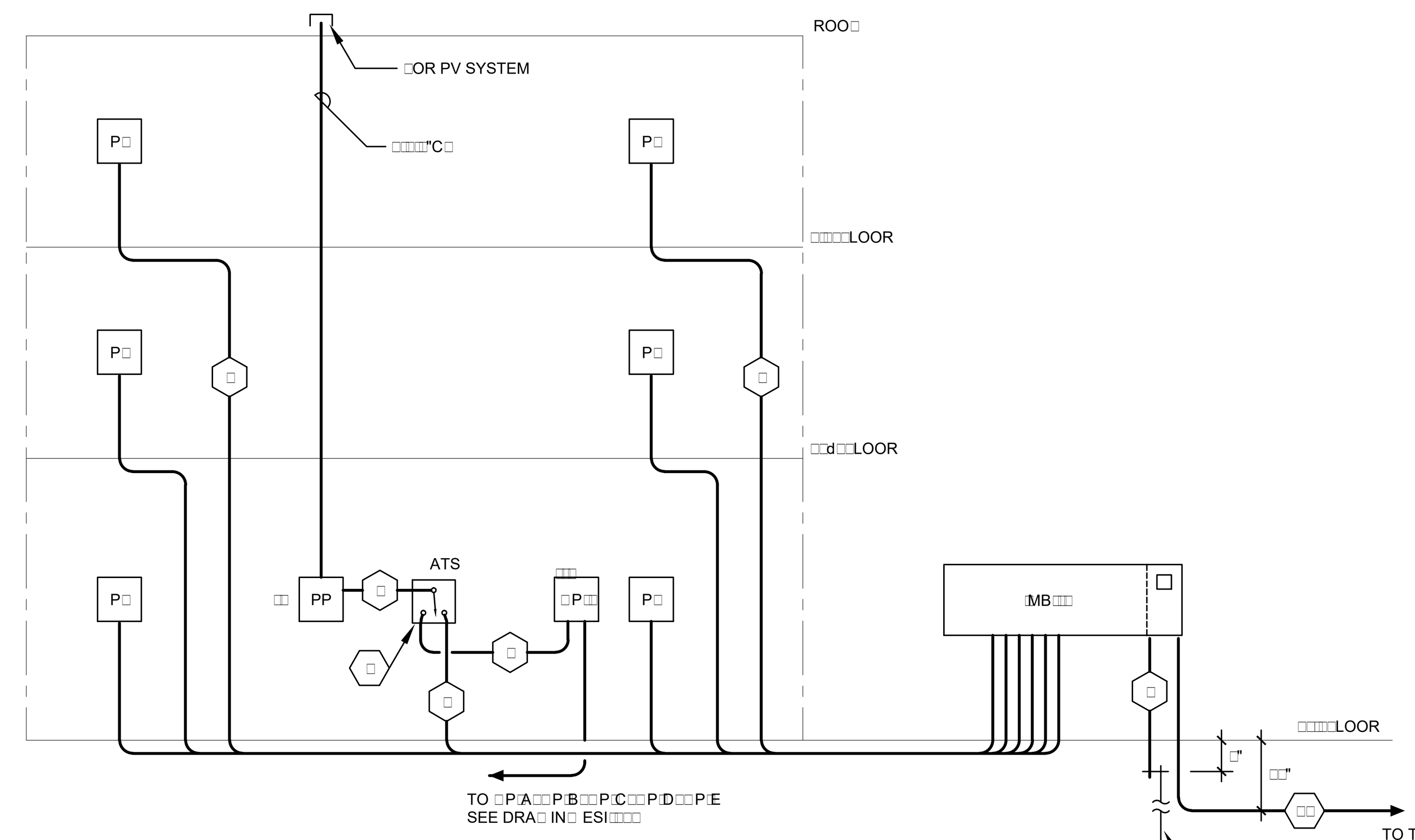
- □ MAIN BREAKER DEVICE 1Ø-3W-S/N-120/240 VOLTS-2P-600 AMPS WITH □P□□□□AMPS BREA□ER□
- □ SEVEN POSITION METER BREA□ER DEVICE□SI□ □OR APARTMENT LOAD AND ONE □OR PANEL □PP□S□ EACH POSITION 1Ø-3W-S/N-120/240 VOLTS-100 AMPS WITH 2P-100 AMPS BREAKER. LOAD CONDUITS CONNECT TOP □ BOTTOM□
- □ SI□ POSITION METER BREA□ER DEVICE □OR APARTMENT LOAD□EAC□ POSITION 1Ø-3W-S/N-120/240 VOLTS-100 AMPS WITH 2P-100 AMPS BREAKER. LOAD CONDUITS CONNECT TOP □ BOTTOM□
- □ MAIN BREAKER DEVICE 1Ø-3W-S/N-120/240 VOLTS-2P-600 AMPS WITH □P□□□□AMPS BREA□ER□
- □ □OUR POSITION METER BREA□ER DEVICE□T□REE □OR APARTMENT LOAD AND ONE □OR PANEL PP□S□ EACH POSITION 1Ø-3W-S/N-120/240 VOLTS-100 AMPS WITH 2P-100 AMPS BREAKER. LOAD CONDUITS CONNECT TOP □ BOTTOM□
- □ T□REE POSITION METER BREA□ER DEVICE □OR APARTMENT LOAD□EAC□ POSITION 1Ø-3W-S/N-120/240 VOLTS-100 AMPS WITH 2P-100 AMPS BREAKER. LOAD CONDUITS CONNECT TOP □ BOTTOM□

NOTE□

□METERBAN□ S□ALL BE NEMA □R ENCLOSURE STAINLESS STEEL□

LE□END□

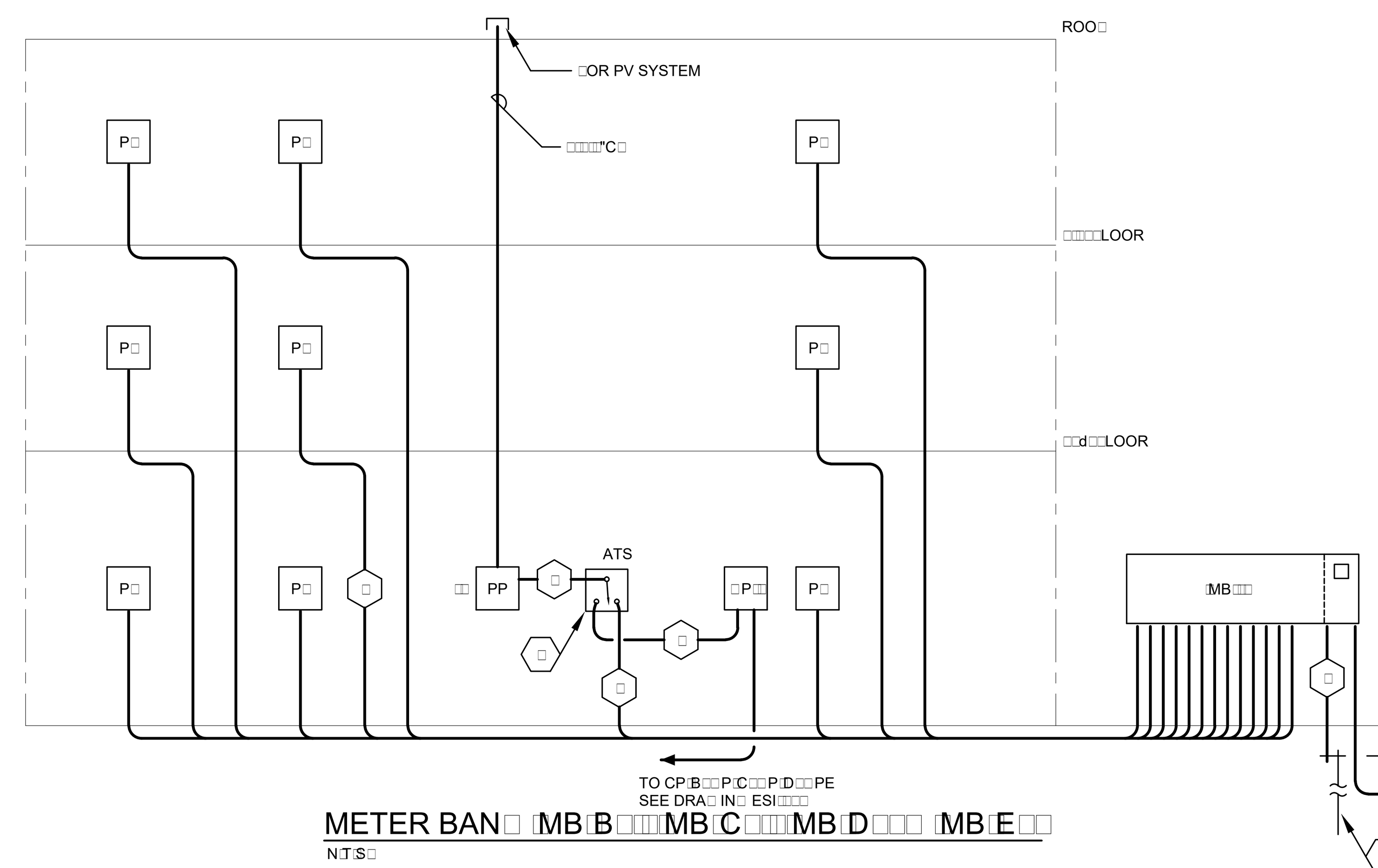
- □□ □SETS O□ □□□□□□MCM T□□ N□□ □ □□□□□D□□" PVC SC□EDULE □□□□ □ □□□" PVC SC□EDULE □□SPARE□
- □□ □SETS O□ □□□□□□MCM T□□ N□□ □ □□□□□□□D□□" PVC SC□EDULE □□□□ □ □□□" PVC SC□EDULE □□SPARE□
- □ 3#2 THWN & 1#6(GD)-1½" PVC SCHEDULE 40 (APARTMENT TYPICAL FEEDER).
- □ □□□□□D□□□□" PVC SC□EDULE □□□
- □ □□□□□□□D□□□□" PVC SC□EDULE □□□
- □ □□□" □ □□□□" COPPER□ ELD□□ROUND ROD □ BRON□E CLAMP□
- □ NE□ U□L□LISTED AUTOMATIC TRANS□ER S□ ITC□ □□□AMPS□□P□□□□□□□V□NEMA □□ STAINLESS STEEL ENCLOSURE □P□ □□□ □S□N □ IT□ E□CERSI□ER CIRCUIT□TIME DELAY□ UNDER VOLTA□E RELAYS□□ COOL DO□ N TIMER□TRANS□ER AND RETRANS□ER TIME DELAYS□ LEVEL □CONTROL□



METER BAN□ □MB□A□□□MB□A□□□MB□A□□□MB□B□□□MB□B□□ □MB□C□□□MB□C□□□MB□D□□□MB□D□□ □MB□E□□□ □MB□E□□

N□T□S□

□MB□A□□TO TRANS□ORMER T□□ □MB□C□□TO TRANS□ORMER T□□□ □□PA□□□PA□□□PA□□□PB□□□PB□□□PC□□□PC□□□PD□□□PD□□
□MB□A□□TO TRANS□ORMER T□□ □MB□D□□TO TRANS□ORMER T□□□ □□□□PA□□□□PA□□□□PA□□□□PB□□□□PB□□□□PC□□□□PC□□□□PD□□□□PD□□
□MB□A□□TO TRANS□ORMER T□□ □MB□D□□TO TRANS□ORMER T□□□
□MB□B□□TO TRANS□ORMER T□□ □MB□E□□TO TRANS□ORMER T□□
□MB□B□□TO TRANS□ORMER T□□□ □MB□E□□TO TRANS□ORMER T□□
□MB□C□□TO TRANS□ORMER T□□□



METER BAN□ □MB□B□□□MB□C□□□MB□D□□□ □MB□E□□

N□T□S□

□MB□B□□TO TRANS□ORMER T□□□ □□PB□□□PC□□□PD□□□PE□□
□MB□C□□TO TRANS□ORMER T□□□ □□□□PB□□□□PC□□□□PD□□□□PE□□
□MB□D□□TO TRANS□ORMER T□□□
□MB□E□□TO TRANS□ORMER T□□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada. [illegible]

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA — ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS
Número del Proyecto / Project Number: □□□□□□□
C□r□□ □L□□d □□□□□: □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

[illegible]

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

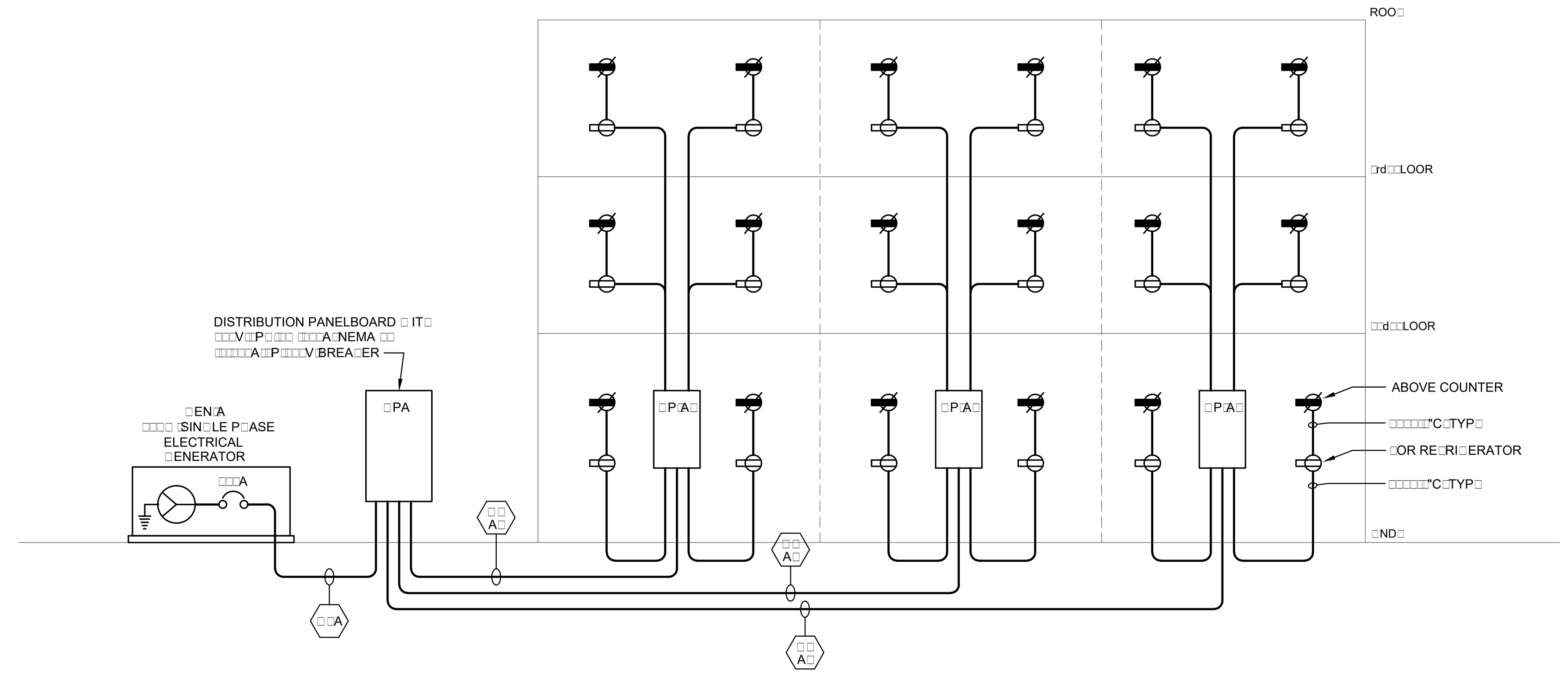
DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

ELECTRICAL SECONDARY ONE LINE DIAGRAM

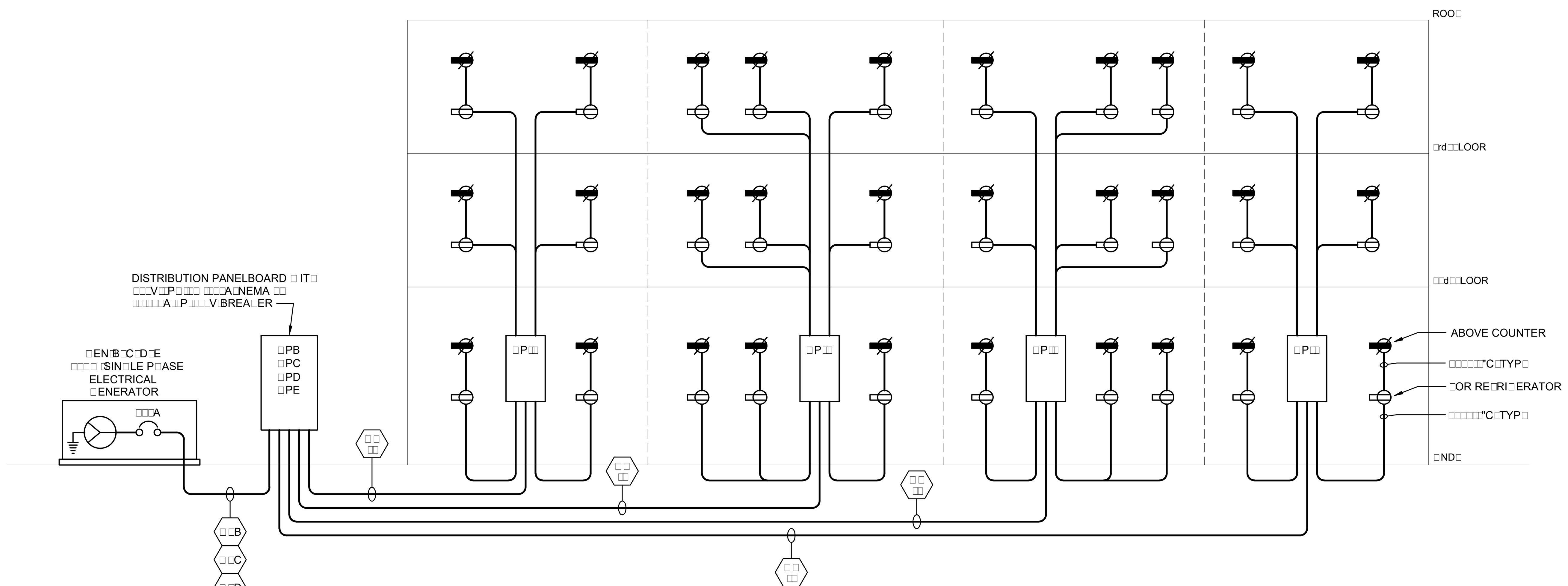
SHEET ID

ESI-600



□ENERATOR BLD□ □"A" □ □□ UNITS

N□T□S□



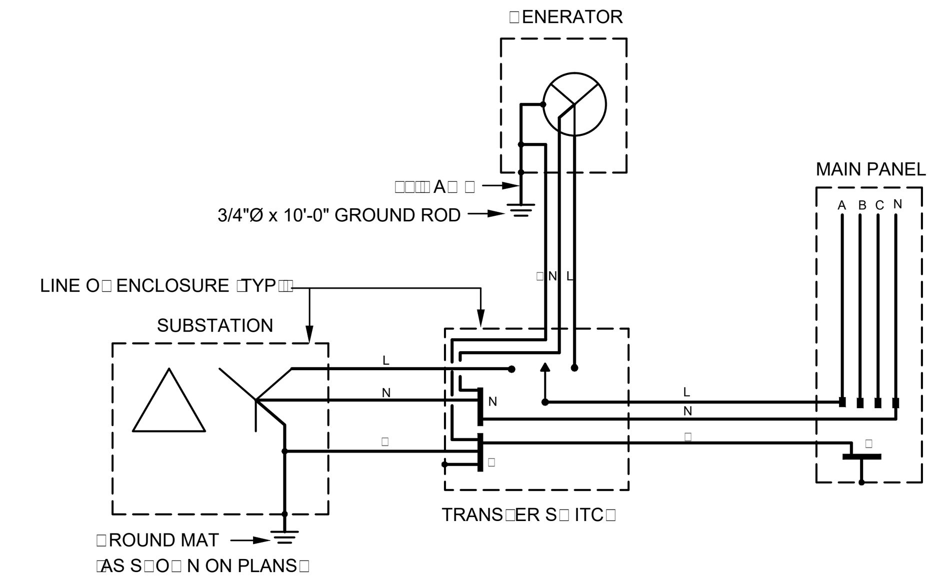
□ENERATOR PANELBOARDS "B□C□D□□ E" □ □□ UNITS

N□T□S□

BLD□S□B	BLD□S□C	BLD□S□D	BLD□S□E
□P□B□	□P□C□	□P□D□	□P□E□
□P□B□	□P□C□	□P□D□	□P□E□
□P□B□	□P□C□	□P□D□	□P□E□
□P□B□	□P□C□	□P□D□	□P□E□

□ENERATOR SPECI□ICATIONS□

UL LISTED NE□ DIESEL DRIVEN □ENERATOR SET □□□□□ □□□□□VA AT □□P□□□□□□□ RPM□□□□□□□ VOLTS 2Ø-3W-S/N WITH CRITICAL TYPE MUFFLER, LEAD ACID BATTERIES, BATTERY CHARGER AND CABLES, SPRIN TYPE VIBRATION ISOLATORS□□UEL LINES AND □UEL PUMP EN□INE□MOUNTED INSTRUMENT PANEL □ IT□ ALL EN□INE RELATED INSTRUMENTS AND VOLTMETER□AMMETER□□RE□UENCY□METER□LO□ OIL PRESSURE□□I□□ TEMPERATURE□OVER SPEED ALARMS AND S□UT DO□ N□OUTPUT BREA□ER AS S□O□ N□ UL □□□□ DOUBLE □ ALL SUB□BASE □UEL TAN□ □OR □□ □OURS O□ OPERATION □ IT□ AUDIBLE □UEL LEA□ DETECTION SYSTEM TO REPORT AT □UARD □OUSE□AND SOUND ATTENUATED LEVEL □ALUMINUM □ EAT□ER PROO□ ENCLOSURE□CATERPILLAR□CUMMIN□ OR MTU□
□OR □ENERATOR CAPACITY RE□ER TO ONE LINE DIA□RAM

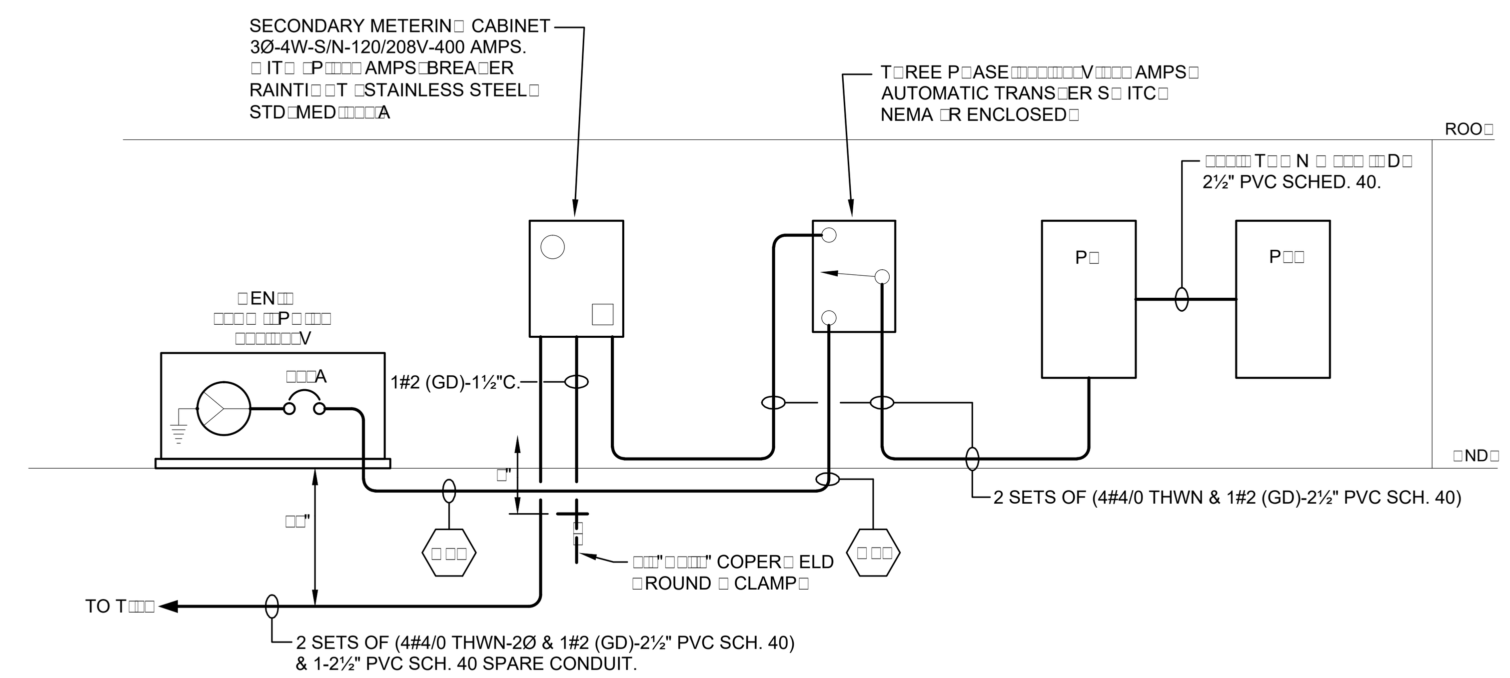


NOTES□

□□ □EN INSTALLIN□ A T□REE POLE TRANS□ER S□ ITC□□T□E □ENERATOR IS NOT CONSIDERED A SEPARATELY DERIVED SYSTEM□T□US T□ERE S□ALL BE NO CONNECTION BET□ EEN T□E NEUTRAL CONDUCTOR AND □ROUND AT T□E □ENERATOR□

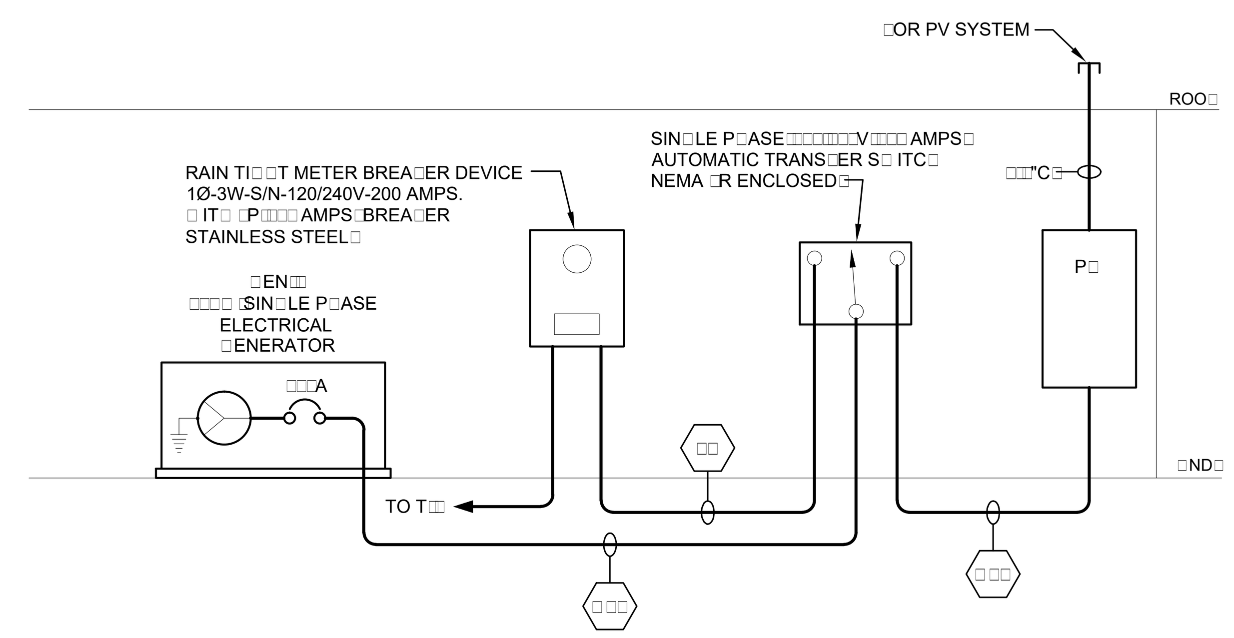
TYPICAL □ROUND CONNECTION SC□EME

N□T□S□



□ENERATOR COMMUNITY CENTER BLD□ □"□"

N□T□S□



□ENERATOR □UARD □OUSE

N□T□S□

□EEDER SC□EDULE□

NO□	DESCRIPTION
□ □A	□□□□□ MCM□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □B	□ SETS O□ □□□□□□ MCM□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □C	□ SETS O□ □□□□□□ MCM□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □D	□ SETS O□ □□□□□□ MCM□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □E	□ SETS O□ □□□□□□ MCM□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □□	□ SETS O□ □□□□□□ MCM□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□□	3#4/0-1#4 GND, 2½"C. & 1-2½" PVC SCHED. 40 SPARE C.
□ □□	3#4/0-1#4 GND, 2½"C. & 1-2½" PVC SCHED. 40 SPARE C. □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER

□EEDER SC□EDULE□

NO□	DESCRIPTION
□ □A□ □ □B□ □ □C□ □ □D□ □ □E□	□□□□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□ □ □□□" PVC SC□ □□ C□□OR ATS CONTROL AND BATTERY C□AR□ER
□ □A□ □ □A□ □ □B□ □ □B□ □ □B□ □ □C□ □ □C□ □ □C□ □ □D□ □ □D□ □ □D□ □ □E□ □ □E□ □ □E□ □ □□□	□□□□□□□□□ □ND□□"C□□ □□□" PVC SC□ED□□□ SPARE C□

O□P□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy ingeniero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, □ □□□□ □□□r□□d□ □□r □□dueño d□□ □r□□□□□ □ □r□□□□□r □□□□ □□□□□ d□ construcción □□□ LUMA E□□r□□ ... Transmisión □Distribución ... LUMA ...

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA — ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□ □Pr□□□□N□□ □□ APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□

C□r□□ □L□□d □□□□□ □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE I INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

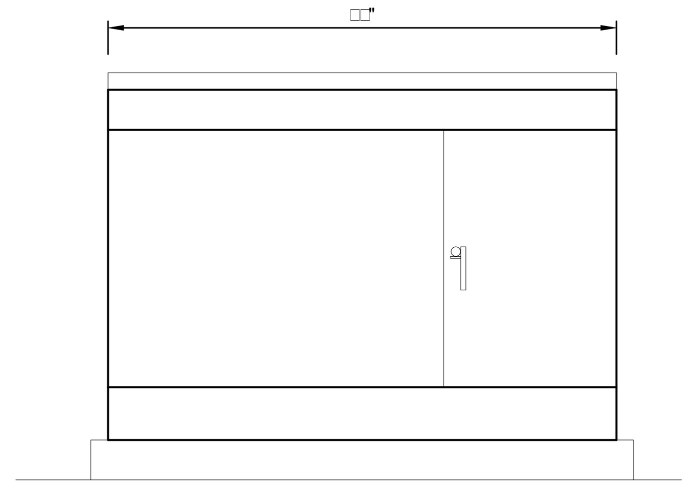
DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

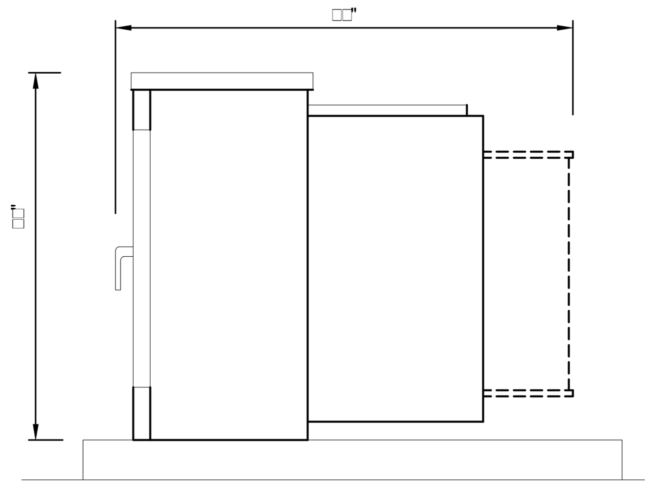
ELECTRICAL GENERATORS ONE LINE DIAGRAMS

SHEET ID

ESI-800

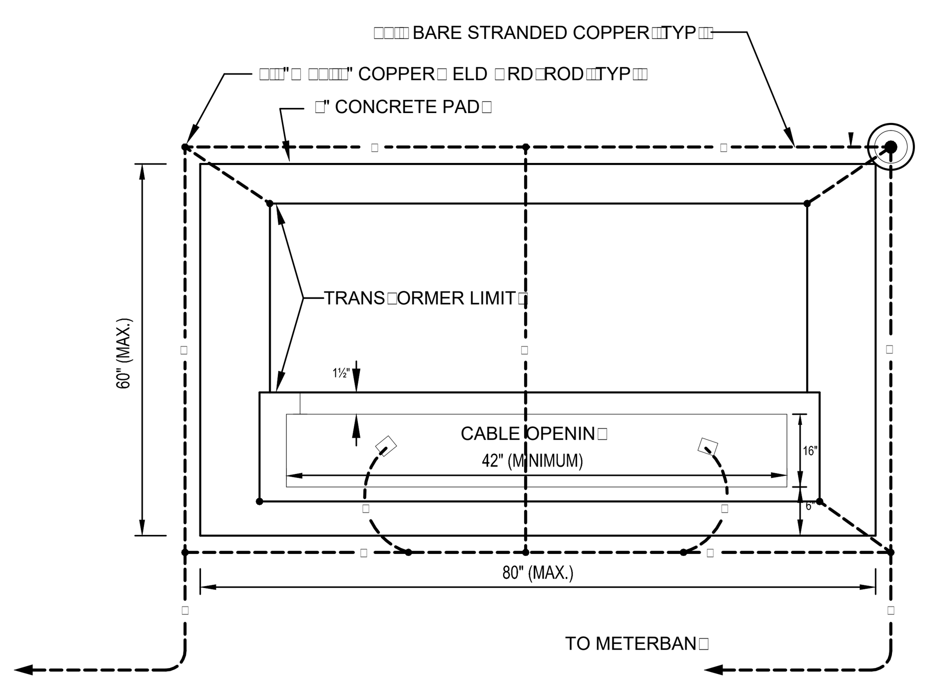


PAD MOUNTED □□MR
□RONT ELEVATION
N□T□S□
2
ESI–700

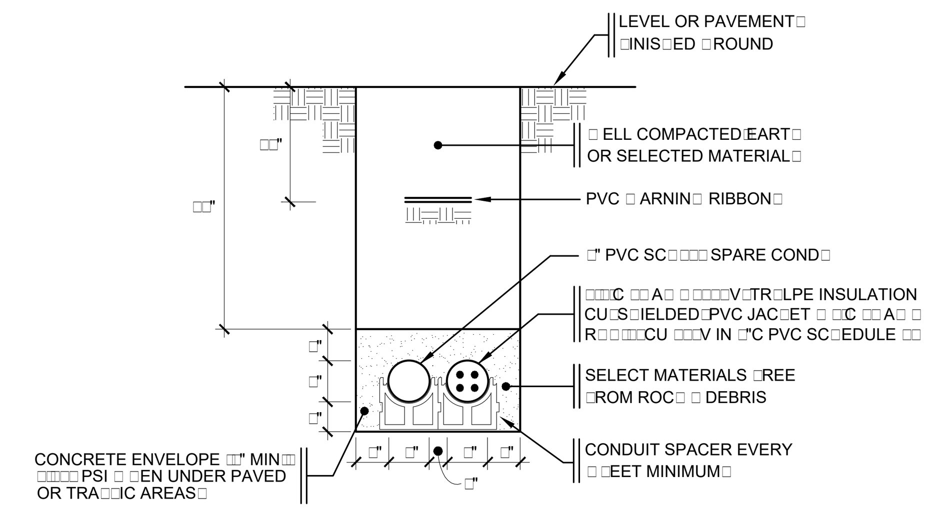


PAD MOUNTED □□MR
SIDE ELEVATION
N□T□S□
2
ESI–700

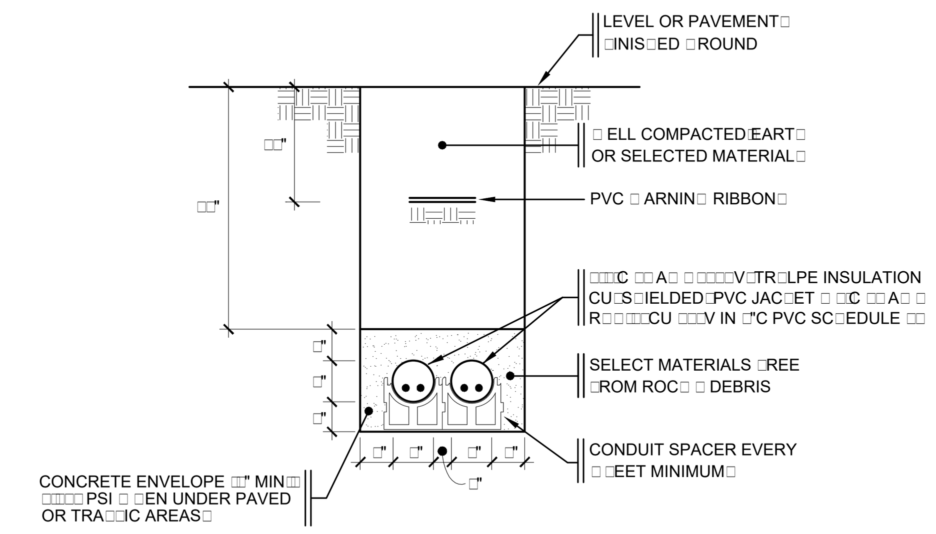
□□P□ASE PAD MOUNTED TRANS□ORMER DETAILS
N□T□S□



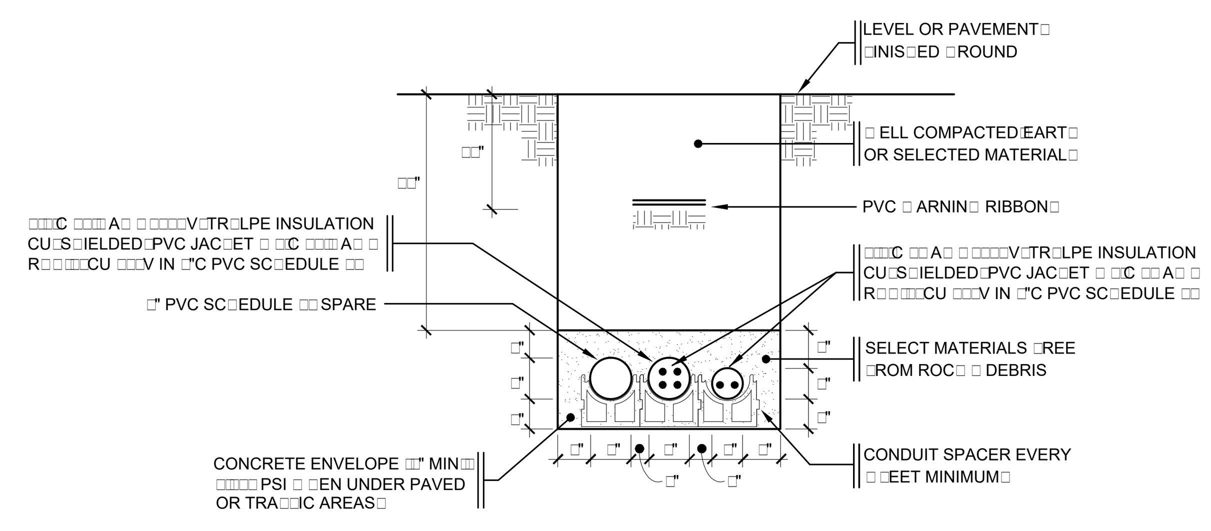
□□P□ASE PAD MOUNTED TRANS□ORMER □RD□DETAIL
N□T□S□
2
ESI–700



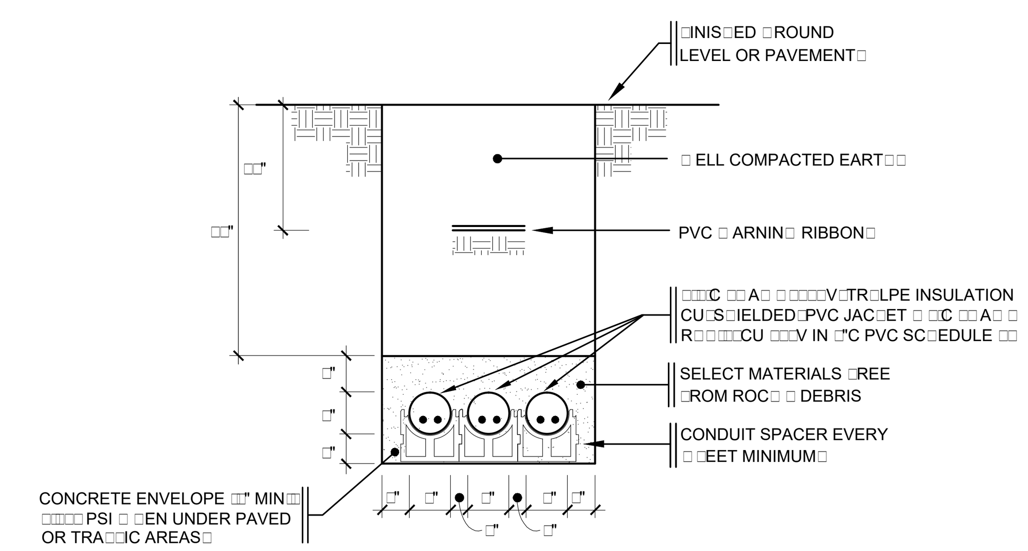
SECTION A□A
N□T□S□



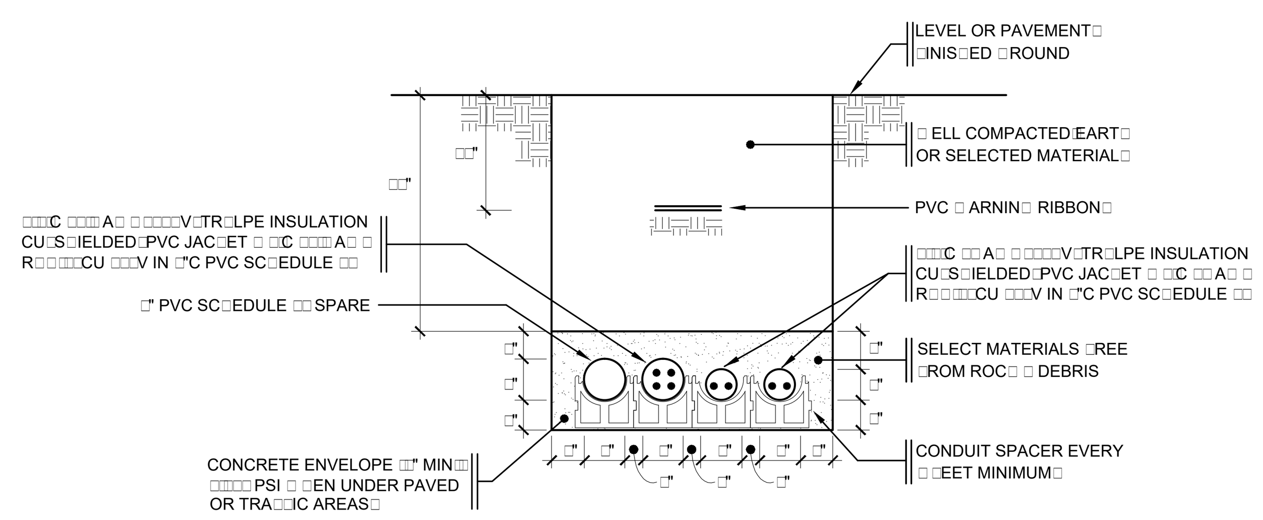
SECTION E□E
N□T□S□



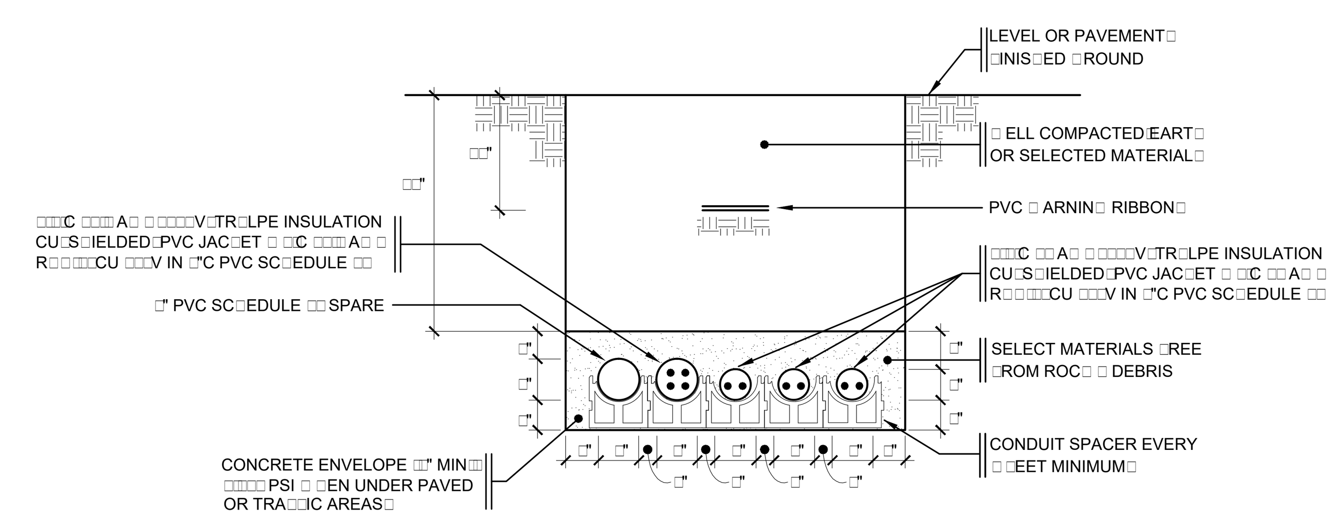
SECTION B□B
N□T□S□



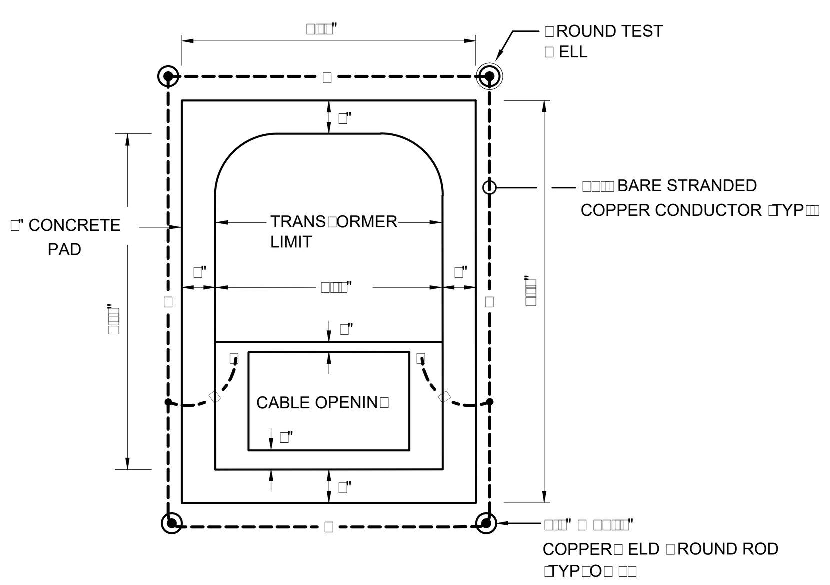
SECTION □□□
N□T□S□



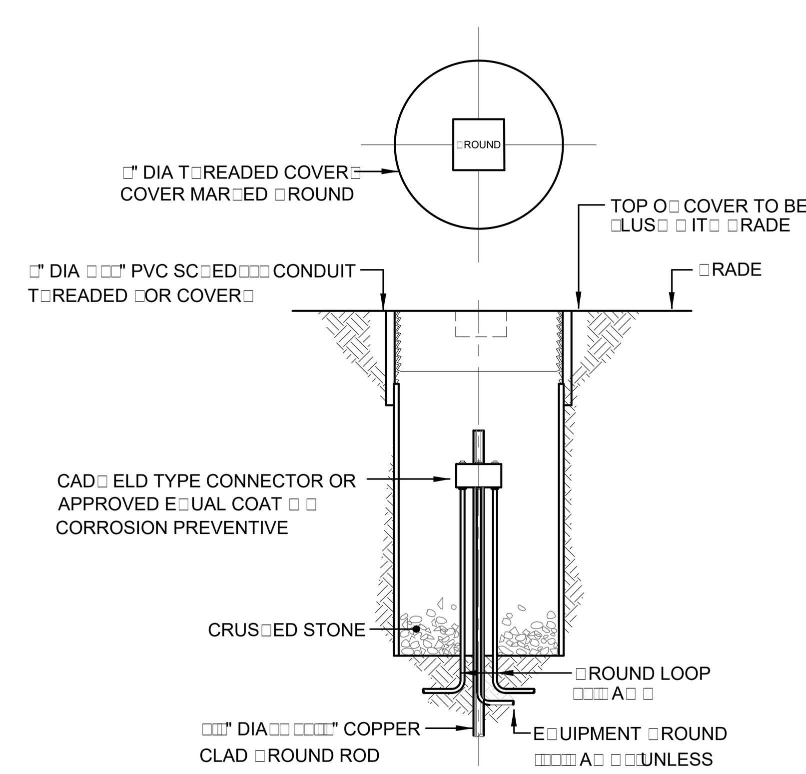
SECTION C□C
N□T□S□



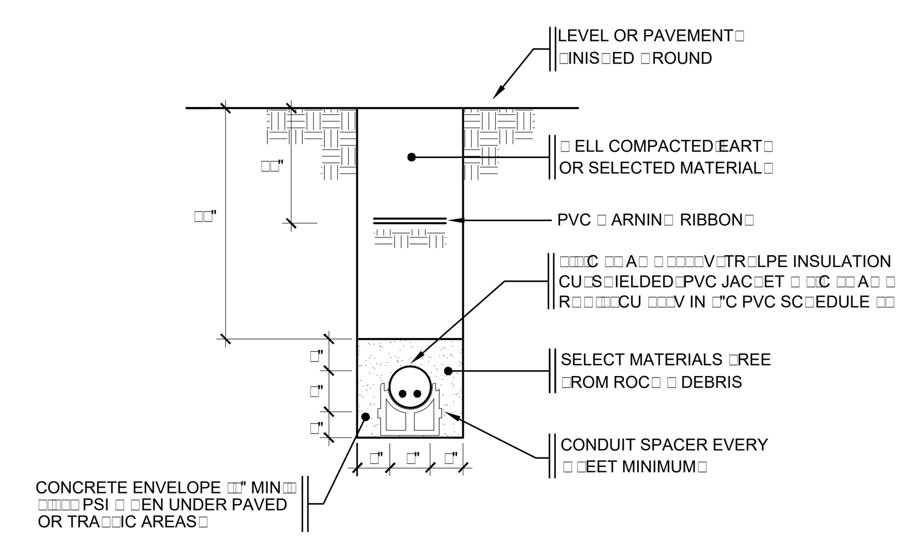
SECTION □□□
N□T□S□



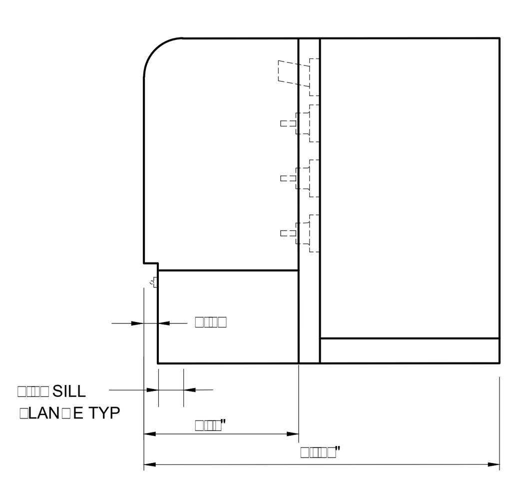
PAD MOUNTED □□MR
□ND DETAIL
N□T□S□
1
ESI–



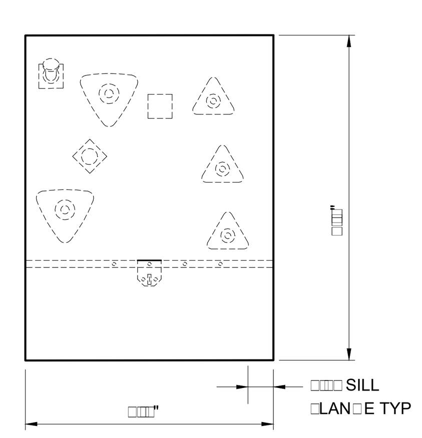
□ROUND □ ELL DETAIL AND □ROUND ROD CONNECTION
N□T□S□



SECTION D□D
N□T□S□



PAD MOUNTED □□MR
SIDE ELEVATION
N□T□S□
1
ESI–700



PAD MOUNTED □□MR
□RONT ELEVATION
N□T□S□
1
ESI–700

□□P□ASE PAD MOUNTED TRANS□ORMER DETAIL
N□T□S□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy inginiero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, [illegible]

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□

C□r□□ □L□□d □□□□□: □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

[illegible]

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE I INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

LUMA'S NOTES & SECTIONS

SHEET ID

ESI-700

ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

LE□END□

□ □□" □ □□" □ □□" CONCRETE PULL BO□□

NOTE□

□OR □EEDERS SI□ES RE□ER TO DRA□ IN□ ESI□□□□

O□P□□□□□□□□□□□□□SRI□□□□□□

CERTIFICACION DEL DISEÑADOR / DESIGNER'S CERTIFICATION

1. Certifico que soy inginiero, agrimensor o arquitecto, licenciado y colegiado en cumplimiento con la Ley 173 de 1988, según enmendada, [illegible]

[illegible]

FIRMA DEL DISEÑADOR / DESIGNER'S SIGNATURE

LUMA — ENDOSO □ENDORSEMENT

N□□ □r□ d□□Pr□□□□□ □Pr□□□□N□□ □□: APOLONIA APARTMENTS

Número del Proyecto / Project Number: □□□□□□□

C□r□□ □L□□d □□□□□ □□□□□□ Revisión / Revision: □

ENDOSO □ENDORSED BY

[illegible]

SCALE: 1/32" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN

Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

SHEET TITLE

ELECTRICAL GENERATOR SECONDARY DISTRIBUTION SITE PLAN

SHEET ID

ESI-900

[illegible]

1-[illegible]

2-The 1"Ø conduits shall be PVC SCH 40 rodded with 1/8"Ø nylon rope with a minimum pulling strength of 300 lb.

3-The 2"Ø PVC conduit (for CATV distribution facilities) and the 4"Ø (for telephone distribution facilities) shall be installed in the telecommunications easement. The 2"Ø conduits shall be installed on the sidewalk side of the trench and the 4"Ø on the farthermost side of the trench from the sidewalk (see easement conduit installation detail).

4-The 2"Ø and 4"Ø conduits shall be SCH 40 (minimum) rodded with ¼"Ø nylon rope with a minimum breaking strength [illegible]

5-[illegible] PVC [illegible]

6-[illegible]
1"Ø Conduits 14" below ground level.
2"Ø Conduits 24" below ground level.
4"Ø Conduits 24" below ground level.

7-[illegible]

8-[illegible]

9-[illegible]

10-[illegible]

11-[illegible]

12-The 2"Ø and 4"Ø conduit bends shall not be less than 90° and shall have a minimum radius of 36". All conduits shall be limited to two (2) 90° sweeping bends in a conduit section.

13-[illegible]

14-[illegible]

15-[illegible] NET [illegible]

16-[illegible]

17-2" Ø conduits for cable television (CATV) distribution facilities in residential projects, of single family unit homes, row [illegible] as the 1"Ø conduits for CATV service drops, shall be end capped and left at CATV distribution points located in the [illegible]

18-[illegible] CATV [illegible]

19-[illegible]

20-[illegible]

21-[illegible] CATV [illegible]

22-No more than two 90° bends shall be allowed in the conduits connecting the exterior metallic boxes for service drop [illegible]

23-[illegible] CATV [illegible]

24-[illegible] CATV [illegible]

25-[illegible] CATV [illegible] cabinet will be connected to the nearest splicing box by means of 2-2"Ø PVC conduits. The CATV Cabinet will be [illegible] CATV [illegible] specified on the drawings by means of 2-2"Ø PVC conduits. The minimum size of the splice box shall be 7'x4'-6'x4' [illegible] CATV [illegible]

26-[illegible] CATV [illegible] retardant paint, will be placed in a telecommunications' closet or room. The main distribution panels for telephone and CATV [illegible] means of 2-4"Ø and 2-2"Ø PVC conduits respectively. Each cabinet or panel shall also provide for the proper bonding [illegible] CATV [illegible] of 1-1"Ø conduit. Entrance facilities for residential buildings shall consist of a minimum of 2-4"Ø for telephone service and 2-2"Ø PVC conduits for CATV service. The conduits shall connect the main distribution cabinets and the designated building telecommunications point of connection. When a building's telecommunications point of connection is a splice box [illegible] CATV [illegible]

[illegible]

30-The developer in compliance with the Puerto Rico Planning Board's "Reglamento Conjunto para la Evaluación y Expedición [illegible] NET [illegible] CATV [illegible]

31-[illegible] NET [illegible]

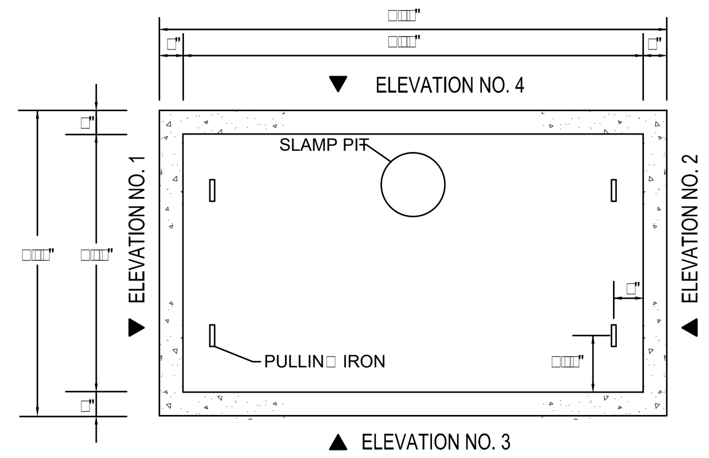
32-[illegible] CATV [illegible] NET [illegible]

33-[illegible] CATV [illegible] PREPA [illegible]

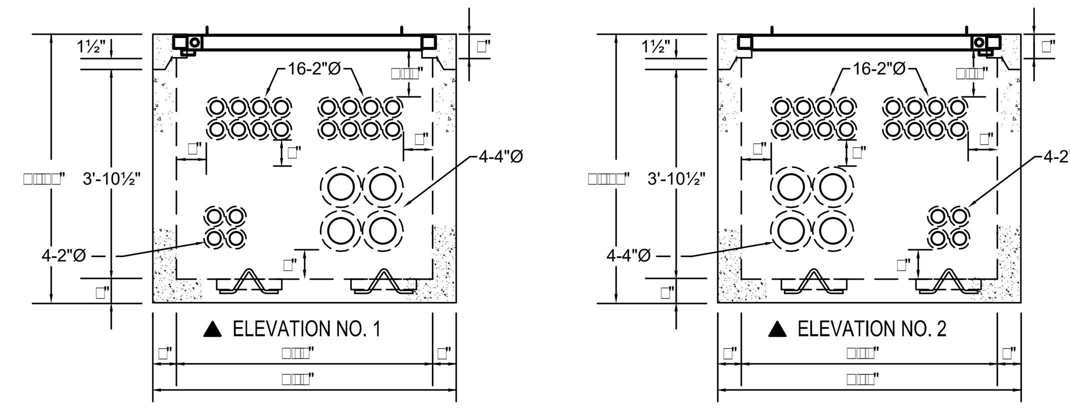
34-[illegible] CATV [illegible]

35-[illegible] NET [illegible] NETPR [illegible] NET [illegible]

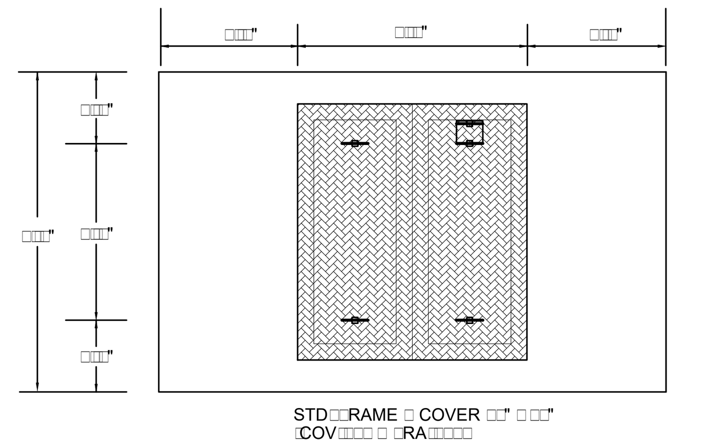
36-[illegible] CATV [illegible]



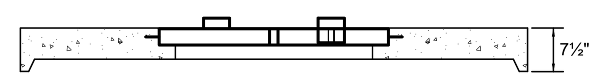
TOP VIEW
N.T.S



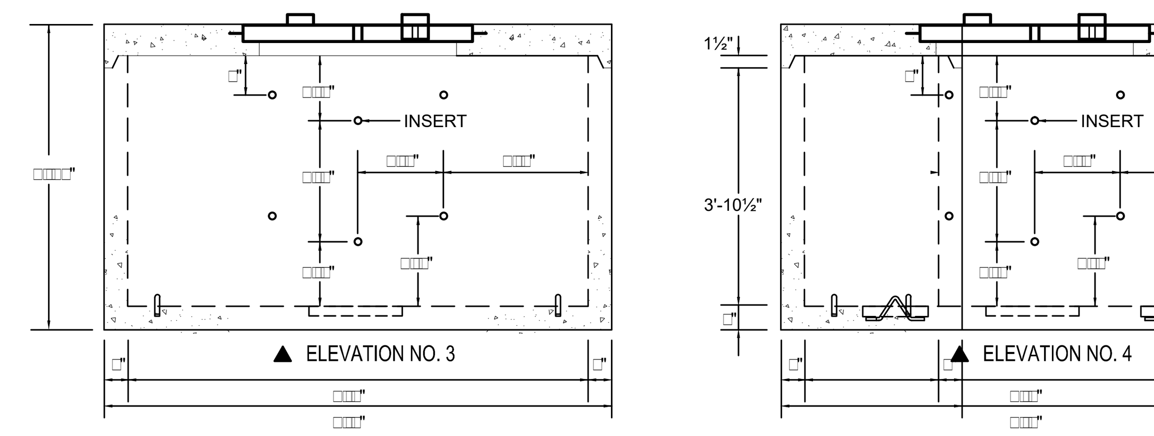
SIDE VIEW
N.T.S



PRECAST COVER TOP VIEW
N.T.S



SIDE VIEW
N.T.S



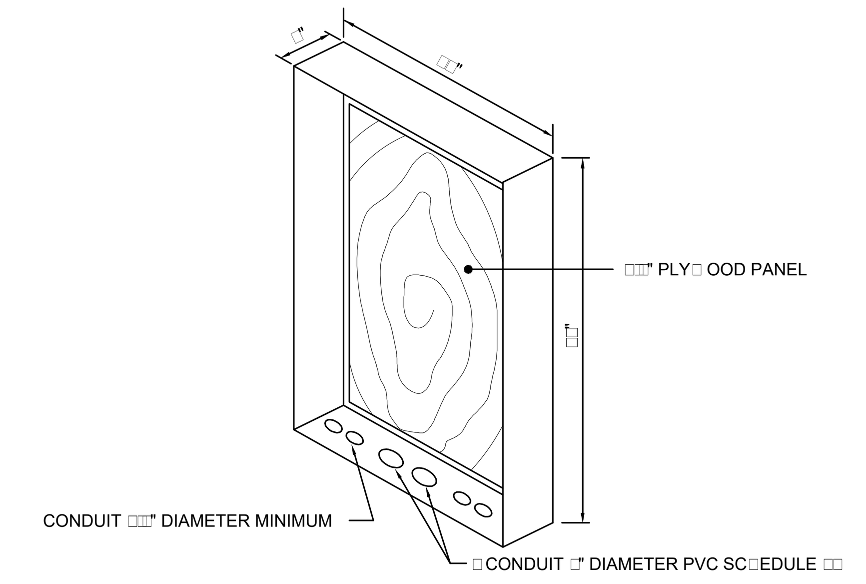
TELECOMUNICATION PULL BOX [illegible]

SPACING BETWEEN BELLS [illegible]

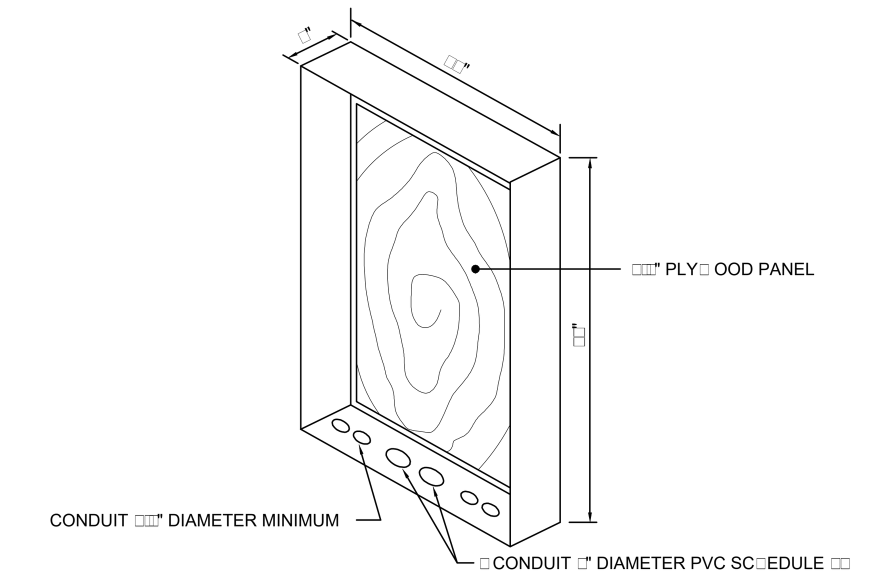
N.T.S

NOTES

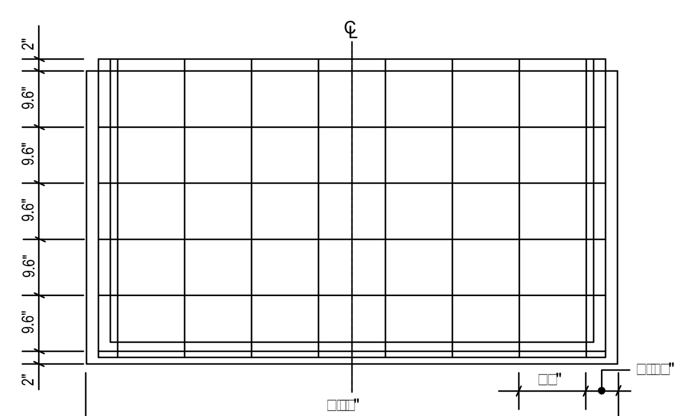
1. CONCRETE SHALL CONFIRM TO THE ASTM SPEC FOR READY MIXED CONCRETE [illegible] COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE [illegible] PSI DETERMINED IN ACCORDANCE WITH THE ASTM METHOD OF TEST FOR COMPRESSIVE STRENGTH OF MOLDED CONC. CYLINDERS [illegible] TESTS TO BE PERFORMED AT [illegible] DAYS.
2. REINFORCING BARS, ALL #4(1/2"Ø) EXCEPT WHERE NOTED, SHALL CONFORM TO ASTM A [illegible] GRADE [illegible] STEEL AS REQUIRED.
3. ALL ON-SITE CONCRETE MATING SURFACES MUST BE SEALED WITH ONE [illegible] CONTINUOUS LAYER OF RUBBER BUTYL GASKET.
4. THIS UTILITY PULL BOX IS DESIGNED TO SPECIFICATIONS FOR SIDEWALK LOADING ACCORDING TO AISH TO [illegible]



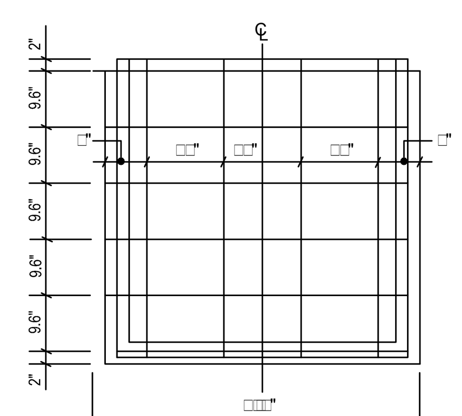
TELEPHONE TERMINAL CABINET
N.T.S.



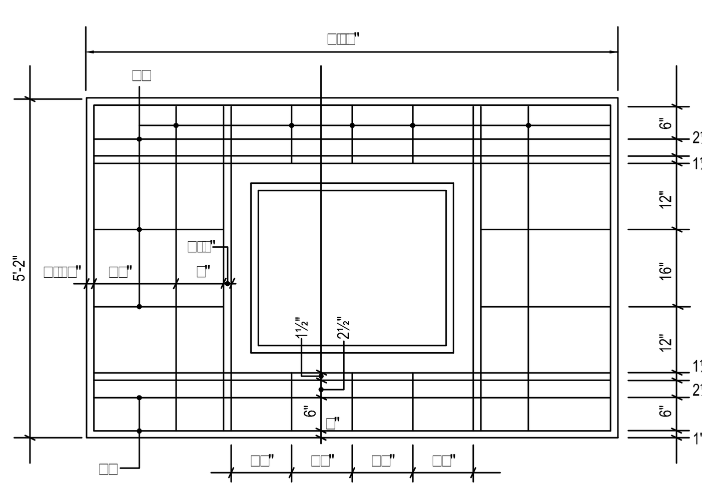
CABLE TV TERMINAL CABINET
N.T.S.



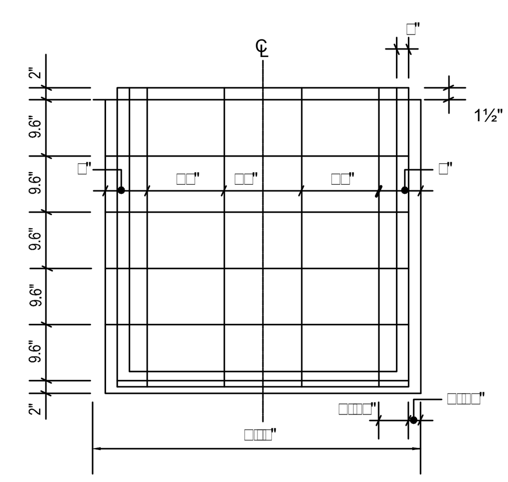
LATERAL ELEVATION
N.T.S



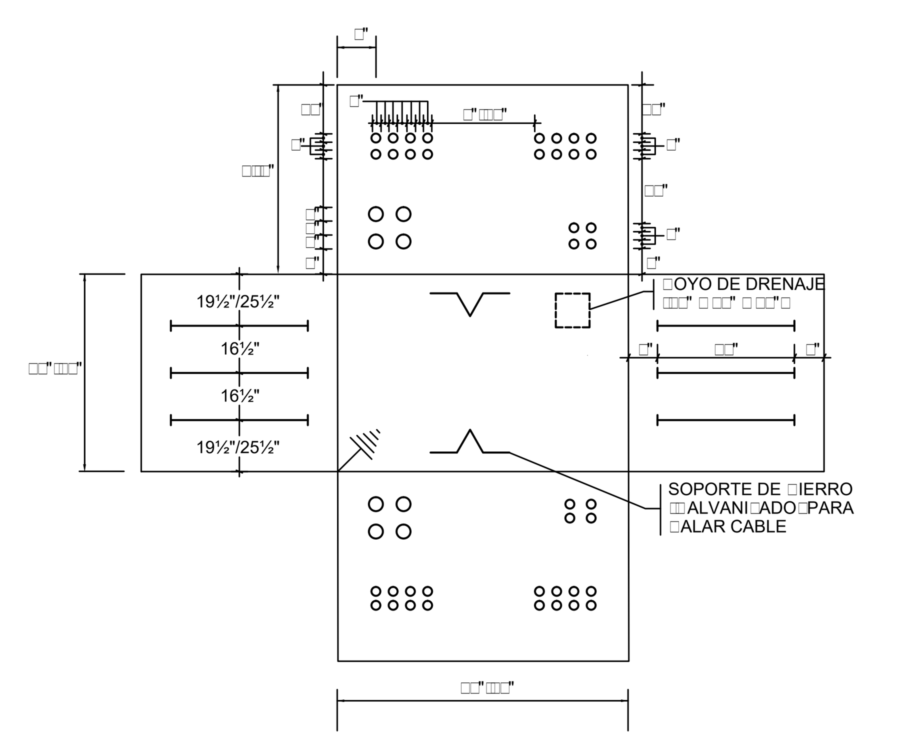
END ELEVATION
N.T.S



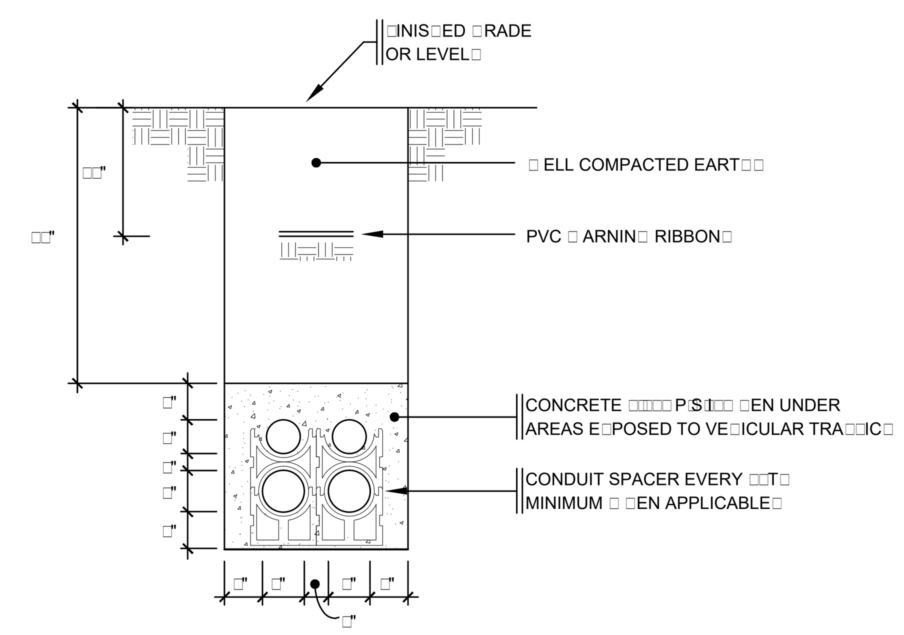
PRECAST COVER
N.T.S



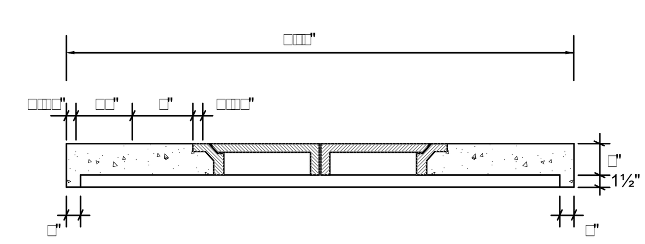
END ELEVATION
N.T.S



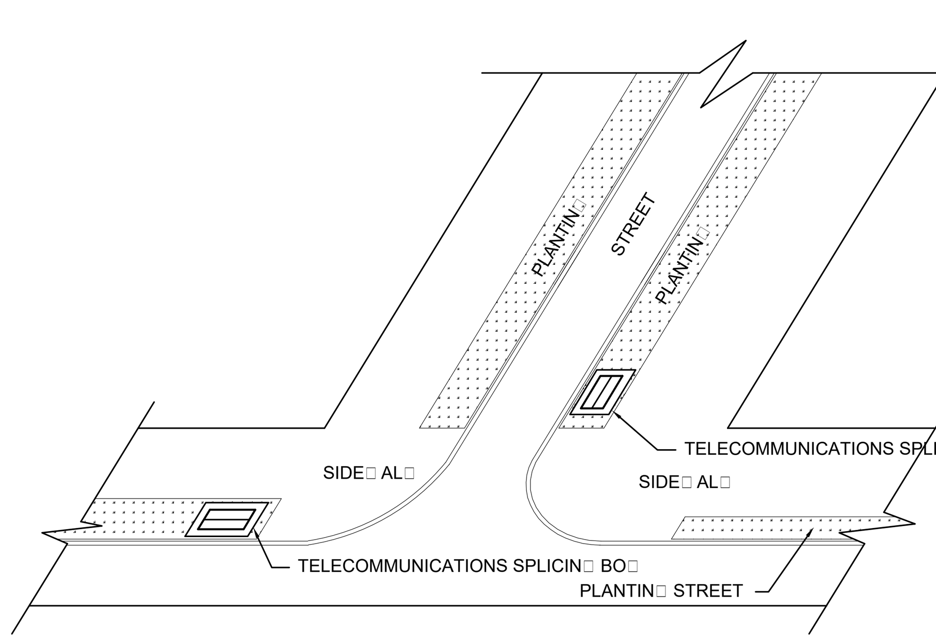
DETALLE TIPICO CAJAS DE EMPALMES
N.T.S.



SECTION A-A
(STREET CROSSING)
N.T.S.



PRECAST COVER LATERAL SECTION
N.T.S



TELECOMMUNICATIONS BOX PLANTING STRIP INSTALLATION DETAIL
N.T.S.

NOTE

TELECOMMUNICATIONS BOXES WILL COVER WILL BE FLUSHED MOUNTED WITH SIDEWALK FREE OF DAMAGE AND SECURE TO PEDESTRIAN.

AD&V
ALVAREZ-DIAZ & VILLALŌN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 HATO REY, PUERTO RICO 00919
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. *También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.*

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

NET
NEGOCIADO de TELECOMUNICACIONES DE PUERTO RICO
[illegible]

ENDOSO DE PLANOS DE FACILIDADES Y/O SERVIDUMBRE DE TELECOMUNICACIONES Y TELEVISIÓN POR CABLE

NÚMERO DE CASO NETPR: JRTPR-2018-RI-0468
NÚMERO DE CASO OGPE: 2018-235881-SRI-019435

Revisado por: ____________ ____________ Fecha

Aprobado por: ____________ ____________ Fecha

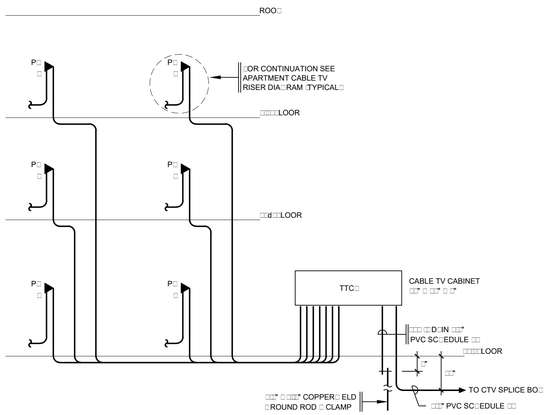
ESTE ENDOSO NO EXIME AL CONSTRUCTOR Y AL DESAROLLADOR DE CUMPLIR CON LOS REQUERIMIENTOS DE CONSTRUCCION CONFORME A TODAS LAS DISPOSICIONES DE LOS REGLAMENTOS APLICABLES.

SHEET TITLE

TELECOMMUNICATION SPLICING BOX DETAILS

SHEET ID

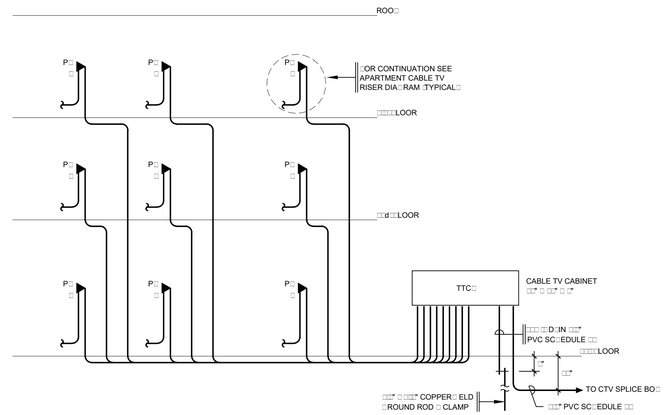
TC-400



□TTC□A□□□TTC□A□□□TTC□A□□□TTC□B□□□TTC□B□□
□TTC□C□□□TTC□C□□□TTC□D□□□TTC□D□□□TTC□E□□□ □TTC□E□□

TELEP□ONE RISER DIA□RAM

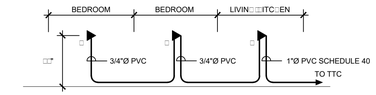
N□T□S□



□TTC□B□□□TTC□B□□□TTC□C□□□TTC□C□□
□TTC□D□□□TTC□D□□□TTC□E□□□ □TTC□E□□

TELEP□ONE RISER DIA□RAM

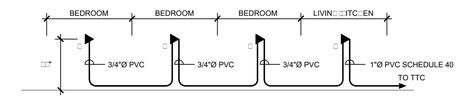
N□T□S□



TELEP□ONE RISER DIA□RAM

T□ O BEDROOM APARTMENT □P□□

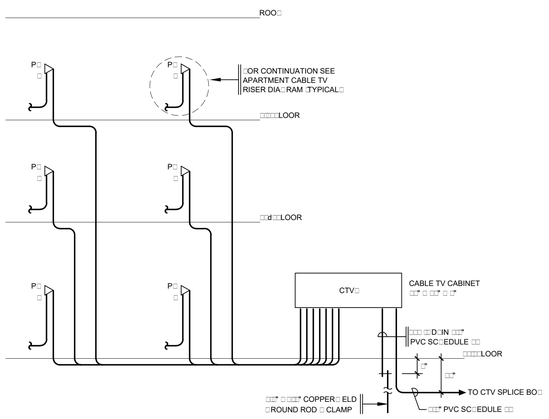
N□T□S□



TELEP□ONE RISER DIA□RAM

T□REE BEDROOM APARTMENT □P□□

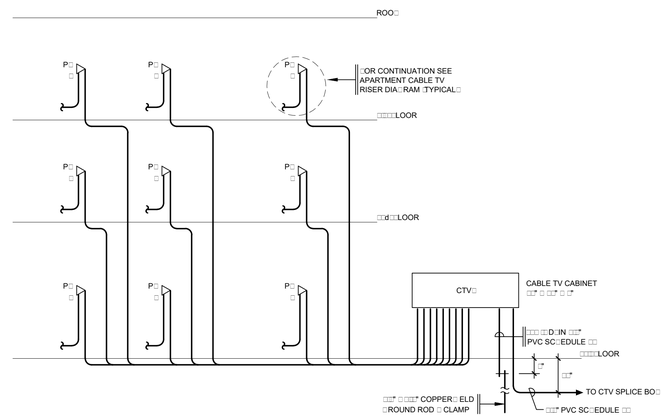
N□T□S□



□□CTV□A□□□CTV□A□□□CTV□A□□□CTV□B□□□CTV□B□□
□CTV□C□□□CTV□C□□□CTV□D□□□CTV□D□□□CTV□E□□□ □CTV□E□□

CABLE T□V□RISER DIA□RAM

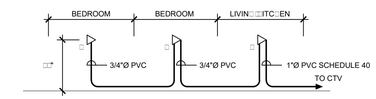
N□T□S□



□□CTV□B□□□CTV□B□□□CTV□C□□□CTV□C□□
□CTV□D□□□CTV□D□□□CTV□E□□□ □CTV□E□□

CABLE T□V□RISER DIA□RAM

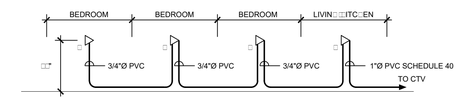
N□T□S□



CABLE T□V□RISER DIA□RAM

T□ O BEDROOM APARTMENT □P□□

N□T□S□



CABLE T□V□RISER DIA□RAM

T□REE BEDROOM APARTMENT □P□□

N□T□S□

NET
NEGOCIADO de TELECOMUNICACIONES DE PUERTO RICO

N□□□□□d□d□
T□□□□□ □□□□□□□□□□
d□P□□r□□R□□□

ENDOSO DE PLANOS DE FACILIDADES Y/O SERVIDUMBRE DE TELECOMUNICACIONES Y TELEVISIÓN POR CABLE

NÚMERO DE CASO NETPR: JRTPR-2018-RI-0468

NÚMERO DE CASO OGPE: 2018-235881-SRI-019435

Revisado por: _____ _____ Fecha

Aprobado por: _____ _____ Fecha

ESTE ENDOSO NO EXIME AL CONSTRUCTOR Y AL DESAROLLADOR DE CUMPLIR CON LOS REQUERIMIENTOS DE CONSTRUCCION CONFORME A TODAS LAS DISPOSICIONES DE LOS REGLAMENTOS APLICABLES.

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 VICO REC, PUERTO RICO 00819
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

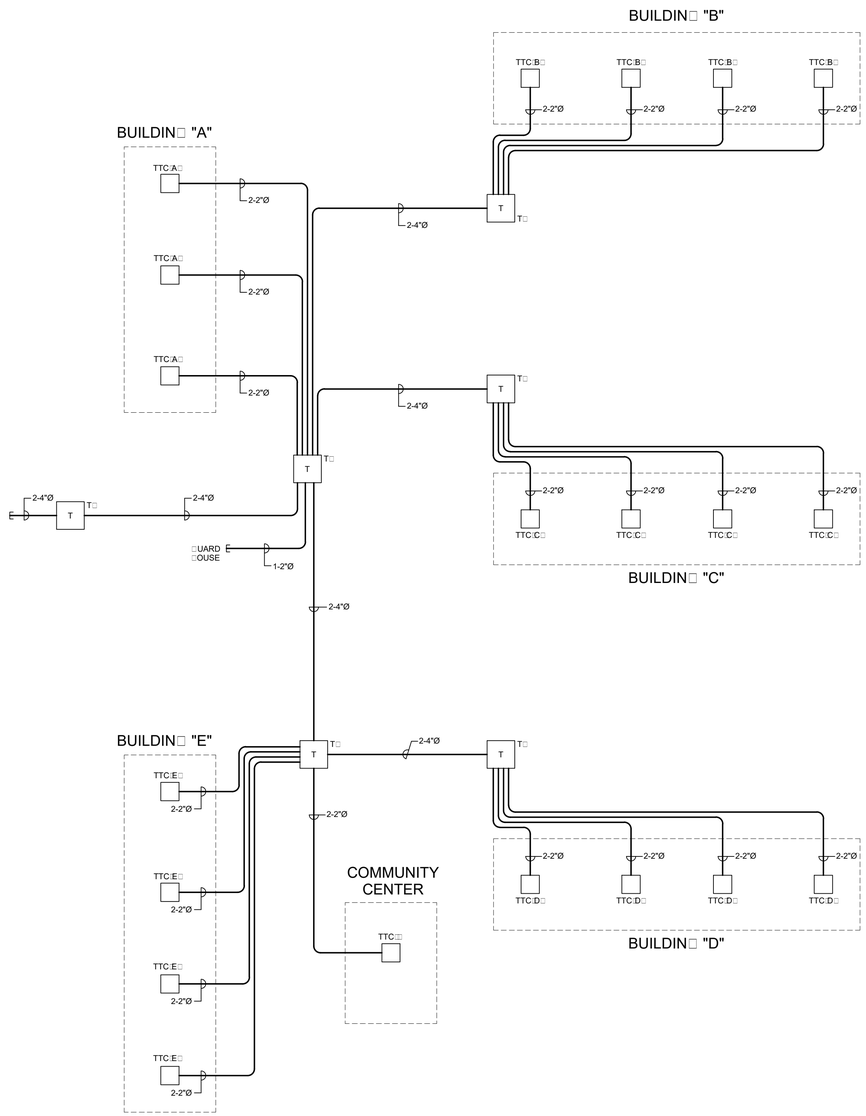
SHEET TITLE

TELECOMMUNICATION
TELEPHONE & CABLE TV
RISER DIAGRAMS

SHEET ID

TC-500

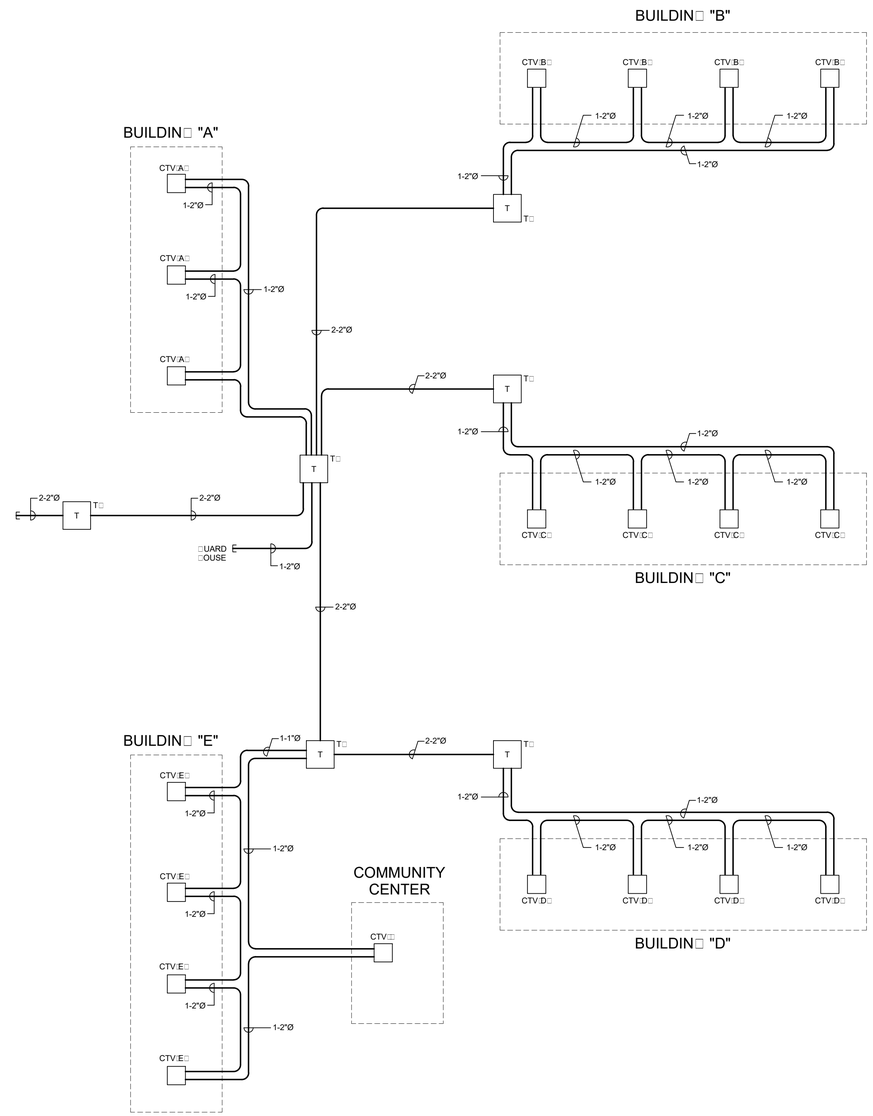
ISSUE FOR PERMIT



TELEP□ONE SITE DISTRIBUTION

ONE LINE DIA□RAM

N.T.S.□



CABLE TV SITE DISTRIBUTION

ONE LINE DIA□RAM

N.T.S.□

NET
NEGOCIADO de TELECOMUNICACIONES DE PUERTO RICO

N□□□□□d□d□
T□□□□□ □□□□□□□□□□
d□P□□r□□R□□

ENDOSO DE PLANOS DE FACILIDADES Y/O SERVIDUMBRE DE TELECOMUNICACIONES Y TELEVISIÓN POR CABLE

NÚMERO DE CASO NETPR: JRTPR-2018-RI-0468

NÚMERO DE CASO OGPE: 2018-235881-SRI-019435

Revisado por: _____ Fecha

Aprobado por: _____ Fecha

ESTE ENDOSO NO EXIME AL CONSTRUCTOR Y AL DESAROLLADOR DE CUMPLIR CON LOS REQUERIMIENTOS DE CONSTRUCCION CONFORME A TODAS LAS DISPOSICIONES DE LOS REGLAMENTOS APLICABLES.

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN

Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 VICO REC. PUERTO RICO 00819

designed: A.LAZARO lic.: 11483

draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

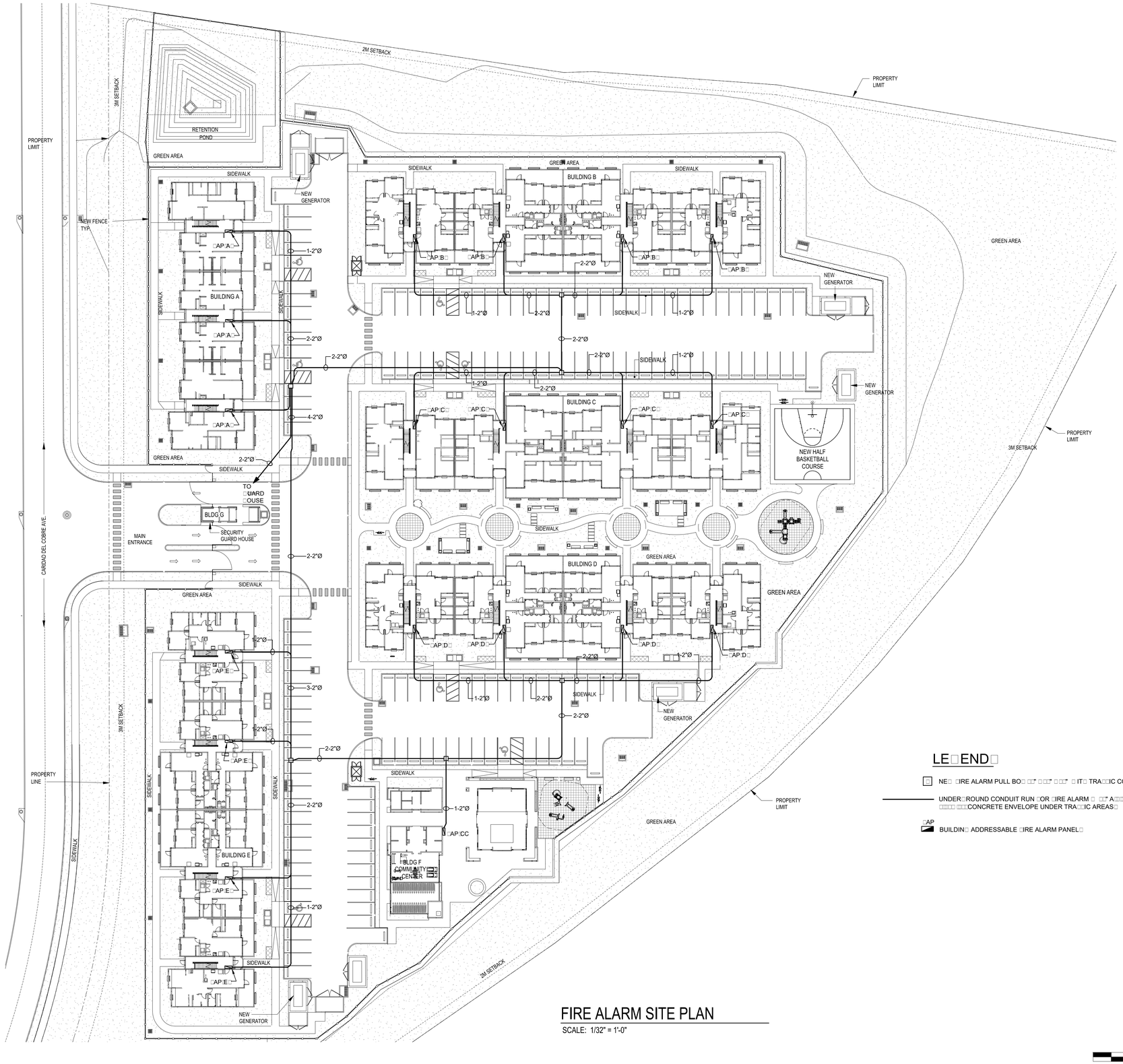
SHEET TITLE

TELEPHONE & CABLE TV SITE DISTRIBUTION ONE LINE DIAGRAM

SHEET ID

TC-600

ISSUE FOR PERMIT



FIRE ALARM SITE PLAN

SCALE: 1/32" = 1'-0"

LEGEND

NEW FIRE ALARM PULL BOX 42" x 42" x 2" LIGHT TRAFFIC COVER

UNDERGROUND CONDUIT RUN FOR FIRE ALARM 3/4" ABOVE GRADE CONCRETE ENVELOPE UNDER TRAFFIC AREAS

AP BUILDING ADDRESSABLE FIRE ALARM PANEL

SCALE: 1/32" = 1'-0"

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT
JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 VICO REC. PUERTO RICO 00619
designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

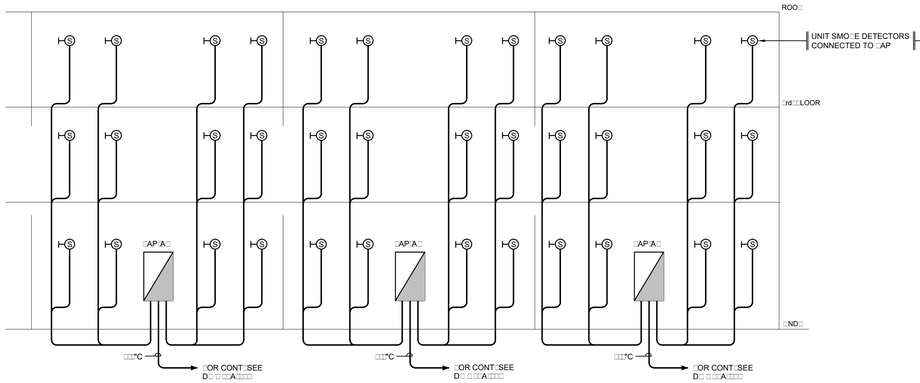
SHEET TITLE

FIRE ALARM DISTRIBUTION SITE PLAN

SHEET ID

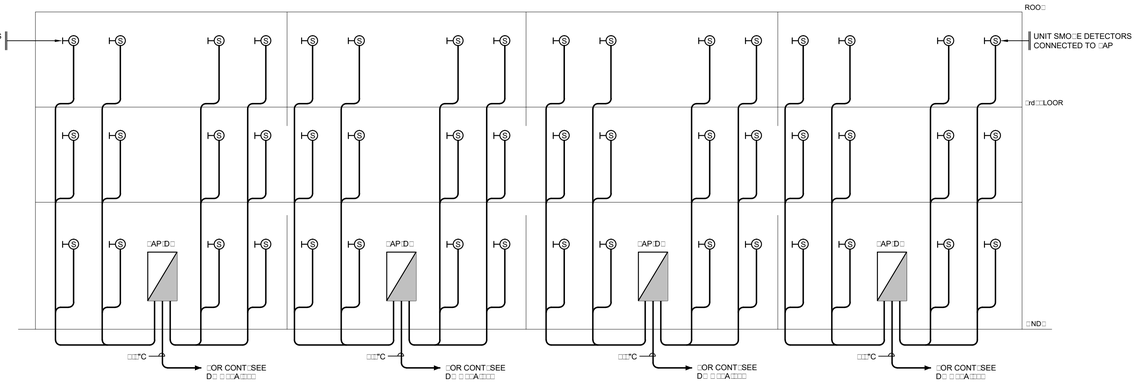
FA-100

ISSUE FOR PERMIT



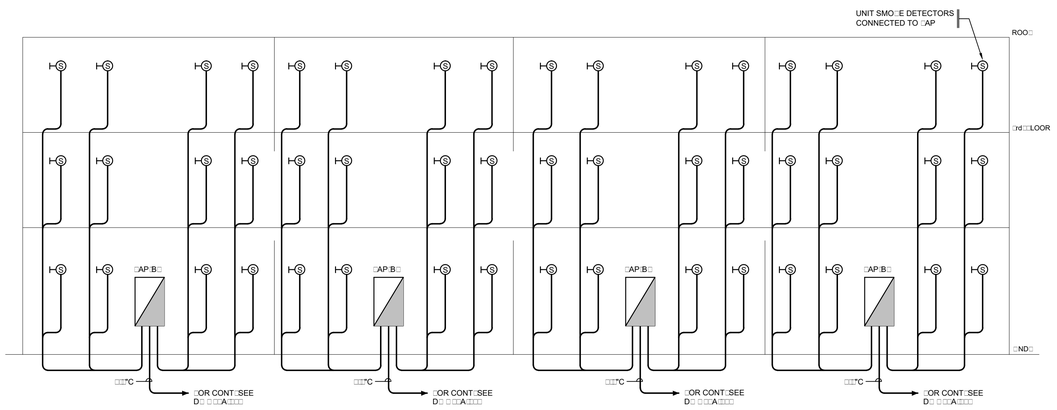
□IRE ALARM BLD□ □"A" □ □□ UNITS

N□T□S□



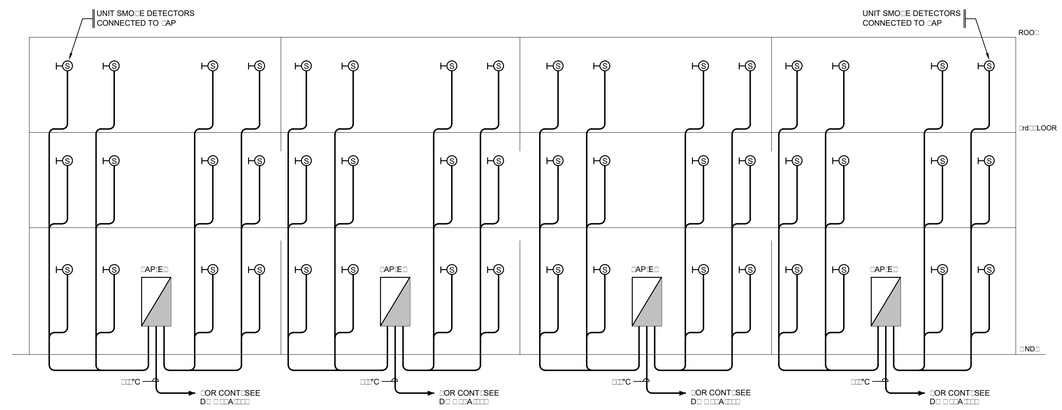
□IRE ALARM BLD□ □"D" □ □□ UNITS

N□T□S□



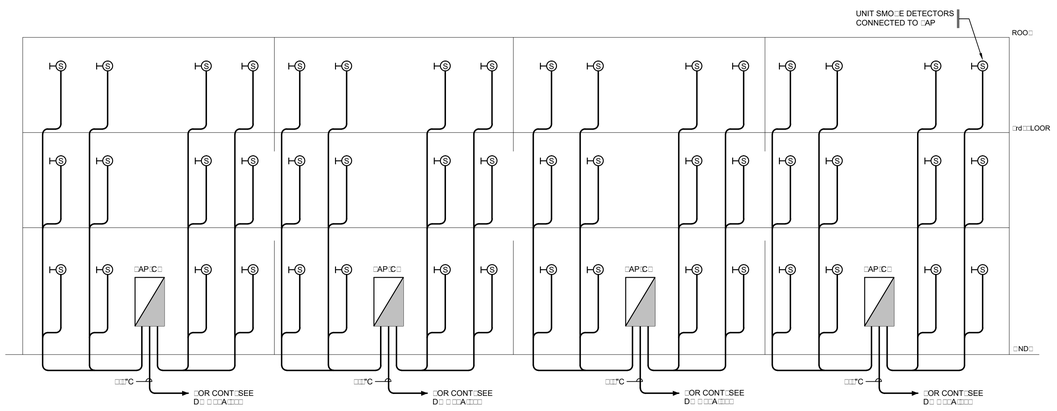
□IRE ALARM BLD□ □"B" □ □□ UNITS

N□T□S□



□IRE ALARM BLD□ □"E" □ □□ UNITS

N□T□S□



□IRE ALARM BLD□ □"C" □ □□ UNITS

N□T□S□

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 VICO REC, PUERTO RICO 00619

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

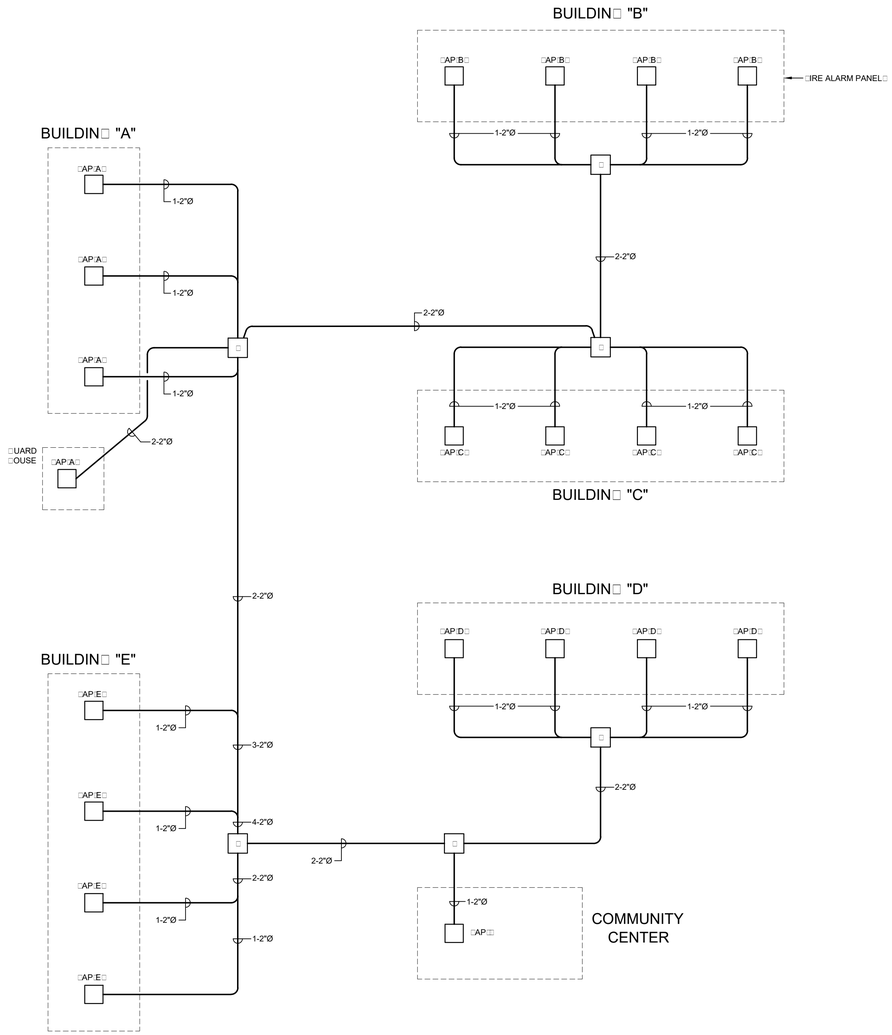
SHEET TITLE

APARTMENTS
BUILDINGS
FIRE ALARM
ONE LINE DIAGRAM

SHEET ID

FA-200

ISSUE FOR PERMIT



□IRE ALARM SITE DISTRIBUTION

ONE LINE DIA□RAM

N□T□S□

AD&V
ALVAREZ-DIAZ & VILLALÓN
ARCHITECTURE | INTERIOR DESIGN

Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

JRR
JUAN R. REQUENA & ASSOCIATES
ELECTRICAL ENGINEERS
P. O. BOX 1587 VICO REC, PUERTO RICO 00619

designed: A.LAZARO lic.: 11483
draftman: C.SANTIAGO lic.: 0388

This drawing is not authorized to be released for contract until fully approved by Architect, Owner and all corresponding Government Agencies including P.R.E.P.A. and Telephone Company.

OWNER

SEAL

Yo, Alfonso J. Lázaro, Licencia #11483, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840 PARCELA B
BO. CERRO GORDO
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	DESIGN DEVELOPMENT	08/30/2023
C	CONSTRUCTION DOCUMENTS A	11/16/2023
D	ISSUE FOR PERMIT	12/12/2023

DATE ISSUED:	-
REVIEWED BY:	A.L.
DRAWN BY:	-
DESIGNED BY:	A.L.
PROJECT NUMBER:	18016

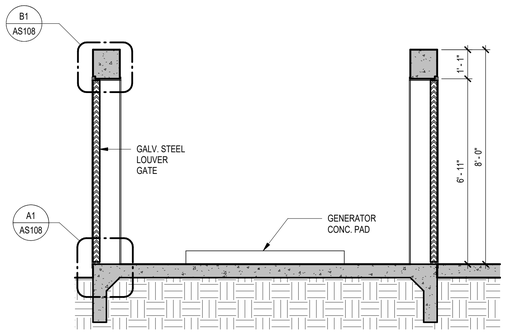
SHEET TITLE

FIRE ALARM
SITE DISTRIBUTION
ONE LINE DIAGRAM

SHEET ID

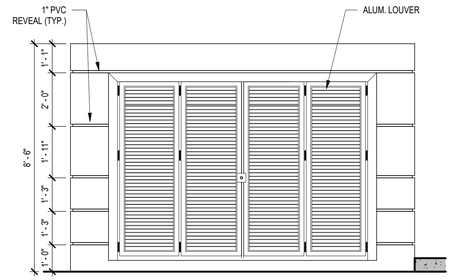
FA-300

ISSUE FOR PERMIT



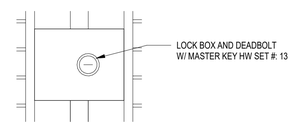
C1 GENERATOR ROOM SECTION

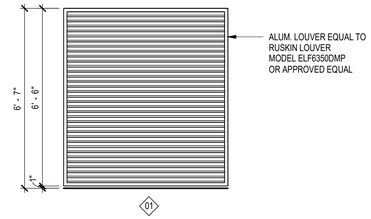
SCALE: 3/8" = 1'-0"

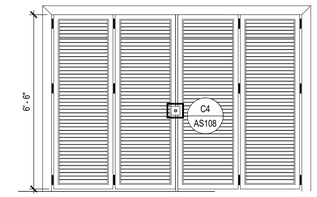


C2 GENERATOR ROOM SIDE ELEVATION

SCALE: 3/8" = 1'-0"





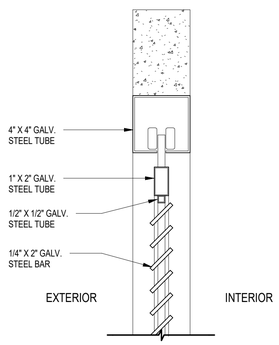


C4 GENERATOR GATE HARDWARE TYPE 02

SCALE: 3" = 1'-0"

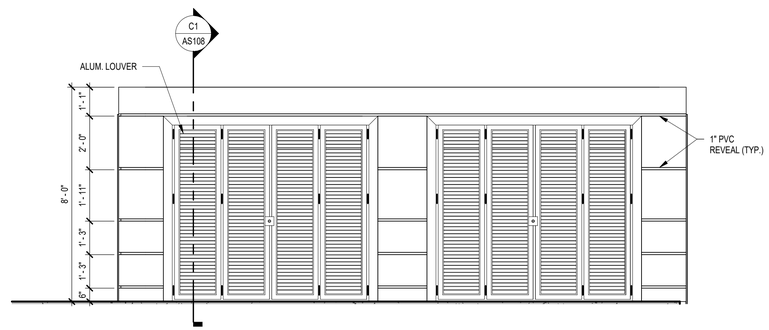
LOUVER GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS.
2. ALUMINUM FINISH AND COLOR TO BE SELECTED BY ARCHITECT.
3. MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS SIGNED AND SEALED BY THE PUERTO RICO REGISTERED ENGINEER WHO DESIGNED THE SYSTEM.
4. REFER TO SECTION 085113 ALUMINUM WINDOWS OF TECHNICAL SPECIFICATIONS.



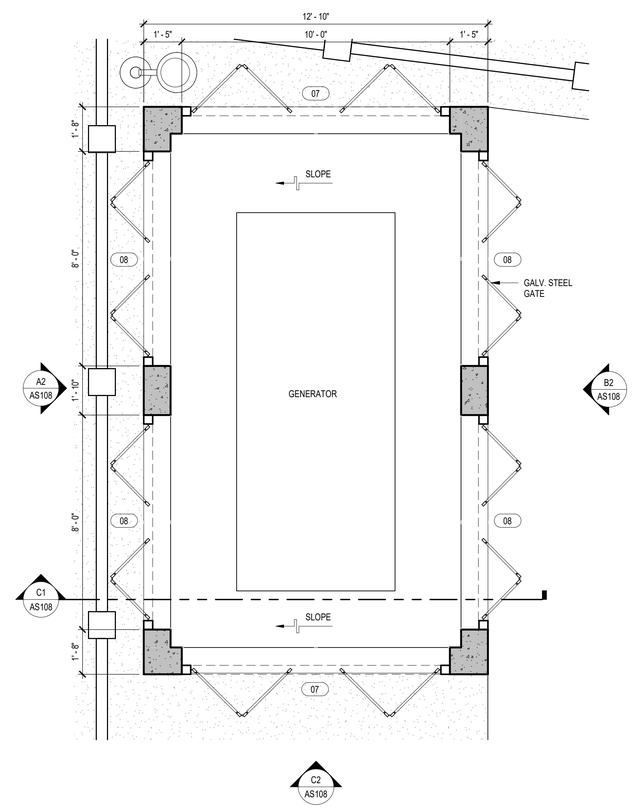
B1 GENERATOR GATE TOP DETAIL

SCALE: N.T.S.



B2 GENERATOR ROOM REAR ELEVATION

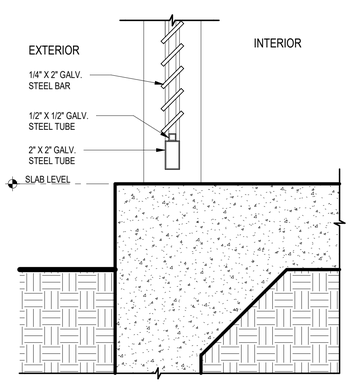
SCALE: 3/8" = 1'-0"



NOTE: THE GENERATOR ENCLOSURE COMPLIES WITH 24 CFR PART 51 SUBPART C REQUIRED BY HUD-ASSISTED PROJECTS AFTER IMPLEMENTING THE HUD Barrier Design MITIGATION MEASURES.

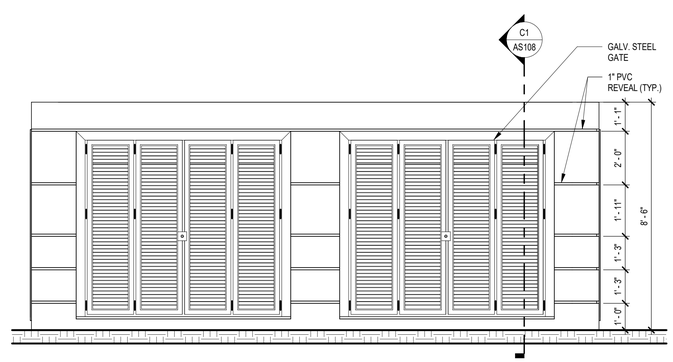
A5 GENERATOR ROOM FLOOR PLAN

SCALE: 3/8" = 1'-0"



A1 GENERATOR GATE BOTTOM DETAIL

SCALE: N.T.S.



A2 GENERATOR ROOM FRONT ELEVATION

SCALE: 3/8" = 1'-0"

AD&V
ALVAREZDIAZ&VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

Digitally signed by algaratef@bioesign.com
DN: cn=algaratef@bioesign.com
e=algaratef@bioesign.com

YO, ARQ. ANTONIO L. GARATE FERNANDEZ LIC# 20221, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DEL 8 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	06/20/2025

DATE ISSUED:	06/20/2025
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

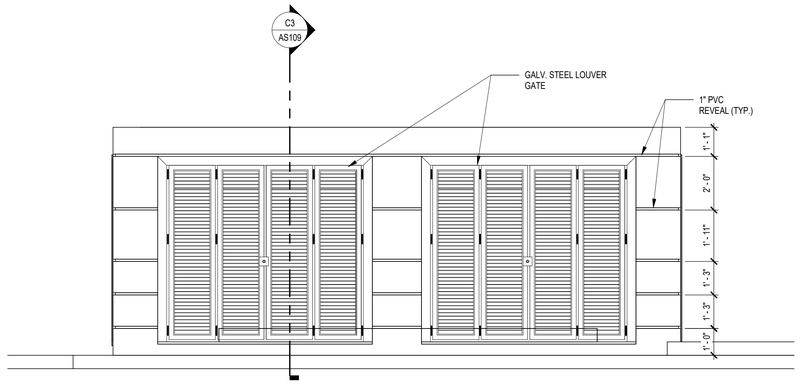
SHEET TITLE

TYPICAL PLAN, ELEVATIONS, SECTIONS & DETAILS - GENERATOR PADS

SHEET ID

MASTER SITE

AS108

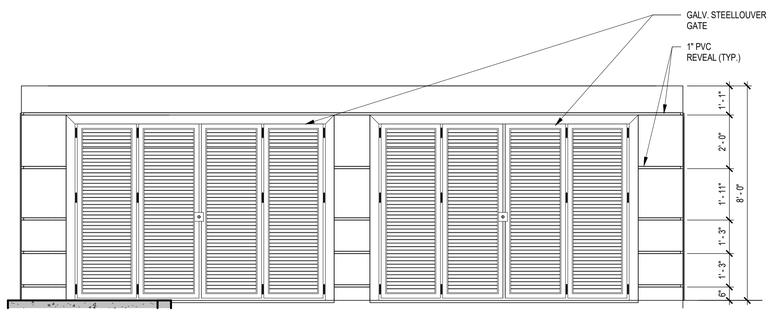


C1 GENERATOR ROOM REAR ELEVATION - DOUBLE

SCALE: 3/8" = 1'-0"

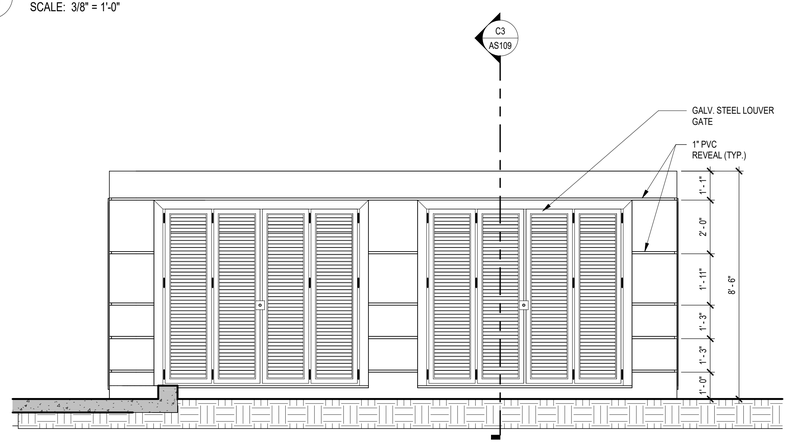
C3 GENERATOR ROOM SECTION - DOUBLE

SCALE: 3/8" = 1'-0"



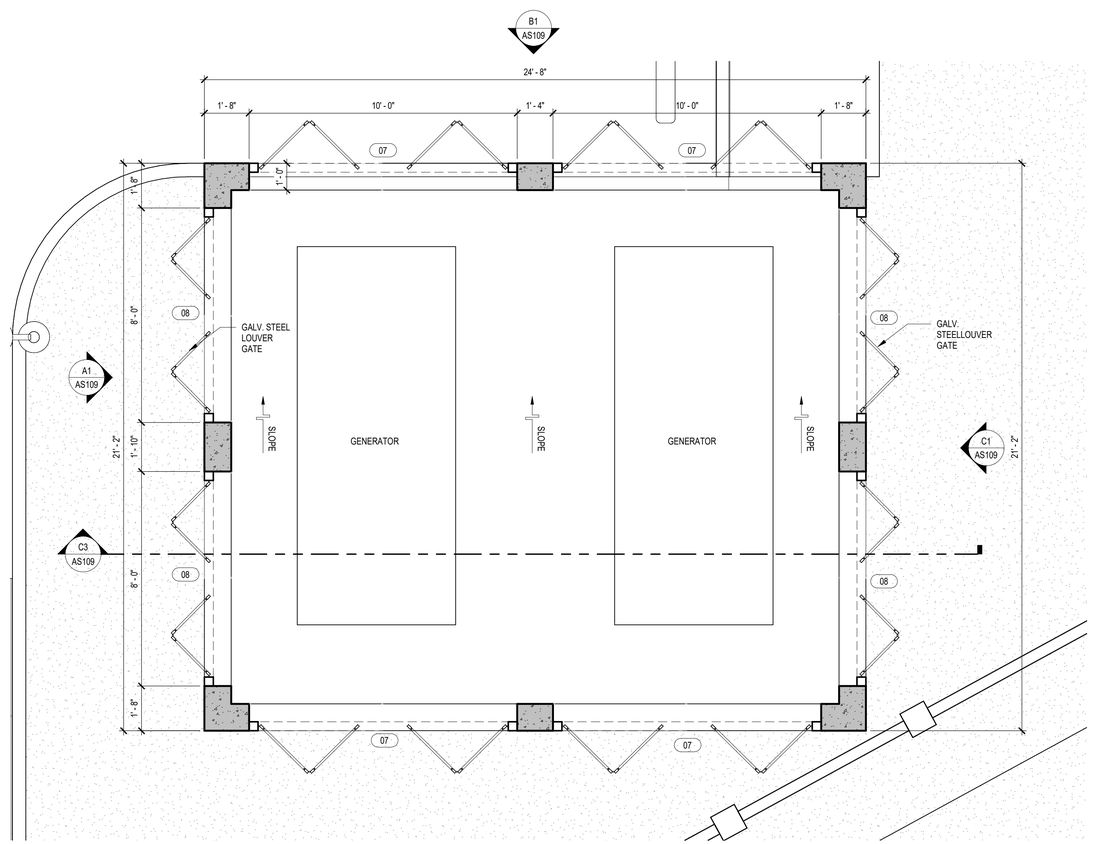
B1 GENERATOR ROOM SIDE ELEVATION - DOUBLE

SCALE: 3/8" = 1'-0"



A1 GENERATOR ROOM FRONT ELEVATION - DOUBLE

SCALE: 3/8" = 1'-0"



A3 GENERATOR ROOM FLOOR PLAN

SCALE: 3/8" = 1'-0"

NOTE: THE GENERATOR ENCLOSURE COMPLIES WITH 24 CFR PART 51 SUBPART C REQUIRED BY HUD-ASSISTED PROJECTS AFTER IMPLEMENTING THE HUD Barrier Design MITIGATION MEASURES.

AD&V
ALVAREZDIAZ&VILLALÓN
ARCHITECTURE | INTERIOR DESIGN
Puerto Rico Convention Center District
The Hub 200 Convention Blvd. Suite 201
San Juan, PR 00907
P (787) 754-1381
alvarezdiazvillalon.com
info@advfirm.com

CONSULTANT

OWNER

SEAL

Antonio L. Garate Fernandez
Arquitecto Licenciado
LIC. 20221
Exp. 31-feb-26
PUERTO RICO

Digitally signed by algaratef@bioesign.com
DN: cn=algaratef@bioesign.com
e=algaratef@bioesign.com

YO, ARQ. ANTONIO L. GARATE FERNANDEZ LIC# 20221, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 8 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT INFORMATION

APOLONIA APARTMENTS
CARR. PR-840, PARCELA B
BO. CERRO GORDO,
BAYAMON, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	06/20/2025

DATE ISSUED:	06/20/2025
REVIEWED BY:	EAS, GT
DRAWN BY:	AR, LV
DESIGNED BY:	EAS
PROJECT NUMBER:	18016

SHEET TITLE

TYPICAL PLAN, ELEVATIONS, SECTIONS & DETAILS - DOUBLE GENERATOR PADS

SHEET ID

MASTER SITE

AS109

6/20/2025 3:16:30 PM Autodesk Docs://18016_Apolonia/18016-APOLONIA_MASTER SITE.rvt

ISSUE FOR CONSTRUCTION

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☑ **No:** ☐
What is the volume (gal) of the container?	
What is the Diked Area Length (ft)?	24.83
What is the Diked Area Width (ft)?	21.17
Calculate Acceptable Separation Distance	
Diked Area (sqft)	525.6511
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	
ASD for Thermal Radiation for Buildings (ASDBPU)	
ASD for Thermal Radiation for People (ASDPNPD)	118.24
ASD for Thermal Radiation for Buildings (ASDBNPD)	19.74

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☑ **No:** ☐
What is the volume (gal) of the container?	
What is the Diked Area Length (ft)?	21.16
What is the Diked Area Width (ft)?	12.83
Calculate Acceptable Separation Distance	
Diked Area (sqft)	271.4828
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	
ASD for Thermal Radiation for Buildings (ASDBPU)	
ASD for Thermal Radiation for People (ASDPNPD)	89.70
ASD for Thermal Radiation for Buildings (ASDBNPD)	14.55

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)

Date: October 29, 2025

RE: **24 CFR Part 51, Subpart C**

Project Name: Apolonia Apartments
Owner: Puerto Rico Apolonia Apartments, LLC

I, Antonio L. Garate, License No. 20221, hereby certify on October 29, 2025, that the property identified as Apolonia Apartments (Caridad del Cobre), owned by Puerto Rico Apolonia Apartments, LLC, located on State Road PR #840 in the Municipality of Bayamón, is in compliance with the requirements established under 24 CFR Part 51 Subpart C. This certification applies to the generator enclosure, which meets the standards required for HUD-Assisted Projects following the implementation of HUD Barrier Design mitigation measures.

Respectfully,

Antonio Gárate, RA, AIA, NCARB, CAAPPR, LEED AP
President & Architect
Álvarez-Díaz & Villalón®
ADVision P.S.C.

11

Farmlands Map

Farmlands Map

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program

Legend

Project Site

Class Name

Prime Farmland

Farmland of Statewide Importance

0 0.02 0.04 0.08 mi

N
W E
S

10/23/2025 10:19 AM

11A

Farmlands Supporting Documentation

United States Department of Agriculture

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for

San Juan Area, Puerto Rico

June 15, 2023

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

Preface.....2
How Soil Surveys Are Made.....5
Soil Map.....8
Soil Map.....9
Legend.....10
Map Unit Legend.....11
Map Unit Descriptions.....11
San Juan Area, Puerto Rico.....13
DaD—Daguey clay, 12 to 20 percent slopes.....13
HtE—Humatas clay, 20 to 40 percent slopes.....14
References.....16

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map

Map Scale: 1:2,110 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Spoil Area

Stony Spot

Very Stony Spot

Wet Spot

Other

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DaD	Daguey clay, 12 to 20 percent slopes	8.7	96.2%
HtE	Humatas clay, 20 to 40 percent slopes	0.3	3.8%
Totals for Area of Interest		**9.1**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

San Juan Area, Puerto Rico

DaD—Daguey clay, 12 to 20 percent slopes

Map Unit Setting

National map unit symbol: byxd
Elevation: 400 to 900 feet
Mean annual precipitation: 70 to 90 inches
Mean annual air temperature: 72 to 79 degrees F
Frost-free period: 365 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Daguey and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Daguey

Setting

Landform: Ridges, mountain slopes
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Mountaintop, mountainflank
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Fine textured residuum

Typical profile

H1 - 0 to 10 inches: clay
H2 - 10 to 72 inches: clay
H3 - 72 to 90 inches: silty clay loam

Properties and qualities

Slope: 12 to 20 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.14 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 10.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Hydric soil rating: No

HtE—Humatas clay, 20 to 40 percent slopes

Map Unit Setting

National map unit symbol: 2tgwq
Elevation: 100 to 2,460 feet
Mean annual precipitation: 54 to 96 inches
Mean annual air temperature: 65 to 90 degrees F
Frost-free period: 365 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Humatas and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Humatas

Setting

Landform: Mountain slopes, hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Parent material: Clayey residuum weathered from volcanic rock

Typical profile

A - 0 to 4 inches: clay
Bt1 - 4 to 12 inches: clay
Bt2 - 12 to 19 inches: clay
BC - 19 to 38 inches: clay
C - 38 to 80 inches: clay

Properties and qualities

Slope: 20 to 40 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.01 to 0.14 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 9.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Alonso

Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountaintop, mountainflank
Down-slope shape: Convex
Across-slope shape: Linear, convex
Hydric soil rating: No

Consumo

Percent of map unit: 5 percent
Landform: Mountain slopes, hills, hillslopes
Landform position (three-dimensional): Mountaintop, mountainflank, interfluve, side slope
Down-slope shape: Concave, convex, linear
Across-slope shape: Convex, linear, concave
Other vegetative classification: Unnamed (G270XZ000PR)
Hydric soil rating: No

Daguey

Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Mountaintop, mountainflank
Down-slope shape: Convex
Across-slope shape: Linear
Hydric soil rating: No

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Farmland Classification—San Juan Area, Puerto Rico

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Lines

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Points

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
DaD	Daguey clay, 12 to 20 percent slopes	All areas are prime farmland	9.0	97.5%
HtE	Humatas clay, 20 to 40 percent slopes	Farmland of statewide importance	0.2	2.5%
Totals for Area of Interest			**9.2**	**100.0%**

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Prime and other Important Farmlands

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

Prime farmland is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland.

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil quality, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. The water supply is dependable and of adequate quality. Prime farmland is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

For some of the soils identified in the table as prime farmland, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures.

A recent trend in land use in some areas has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.

Unique farmland is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies. Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be *farmland of local importance* for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

Report—Prime and other Important Farmlands

Prime and other Important Farmlands–San Juan Area, Puerto Rico		
Map Symbol	**Map Unit Name**	**Farmland Classification**
DaD	Daguey clay, 12 to 20 percent slopes	All areas are prime farmland
HtE	Humatas clay, 20 to 40 percent slopes	Farmland of statewide importance

Data Source Information

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

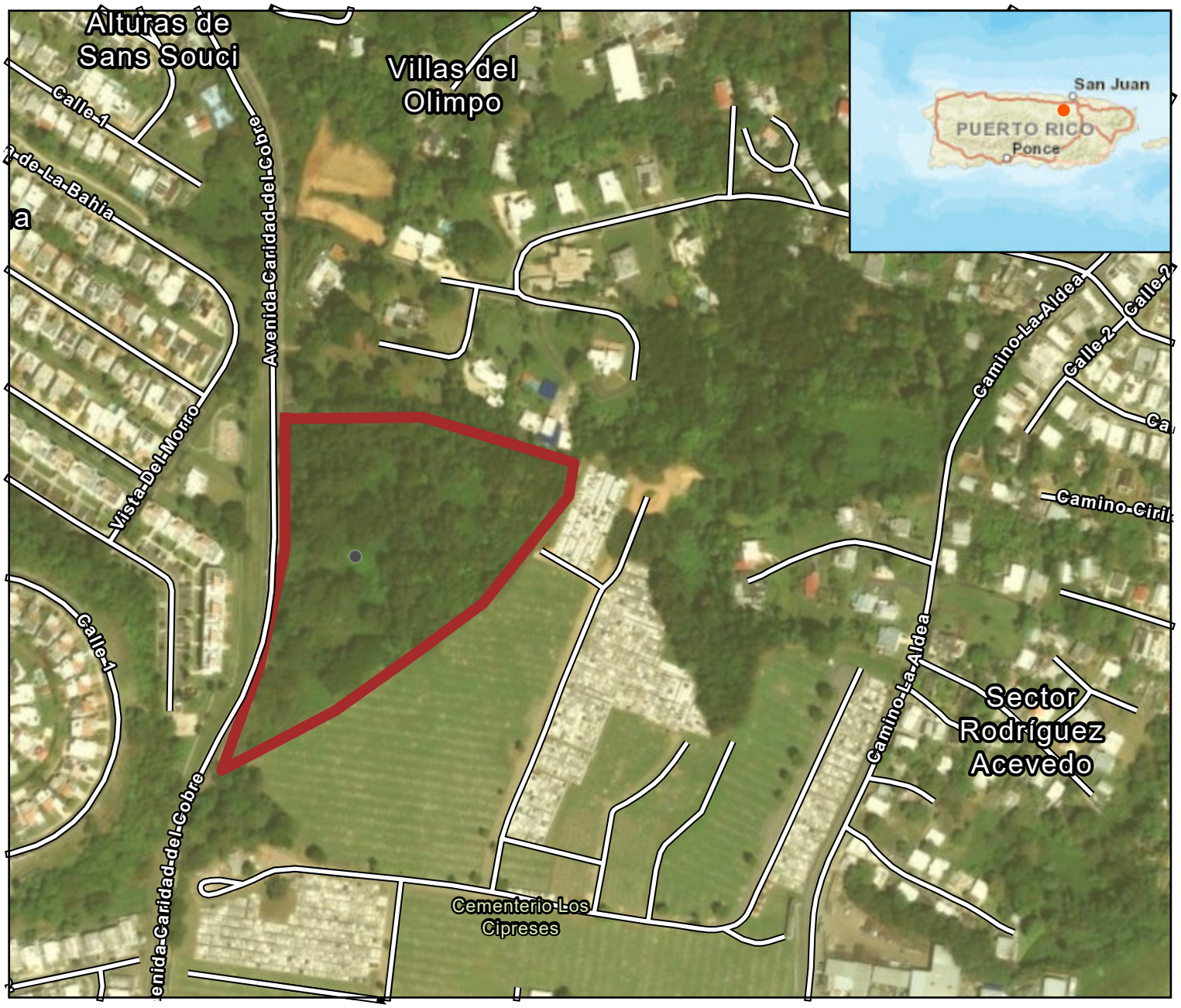
11b

US Urban Census Bureau Map

Urban Census Map

Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón,PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000.

PR-LIHTC-00058
Apolonia Apartments
Low Income Housing Tax Credit (LIHTC) Program



Legend

- Project Site
- Census Urban Areas

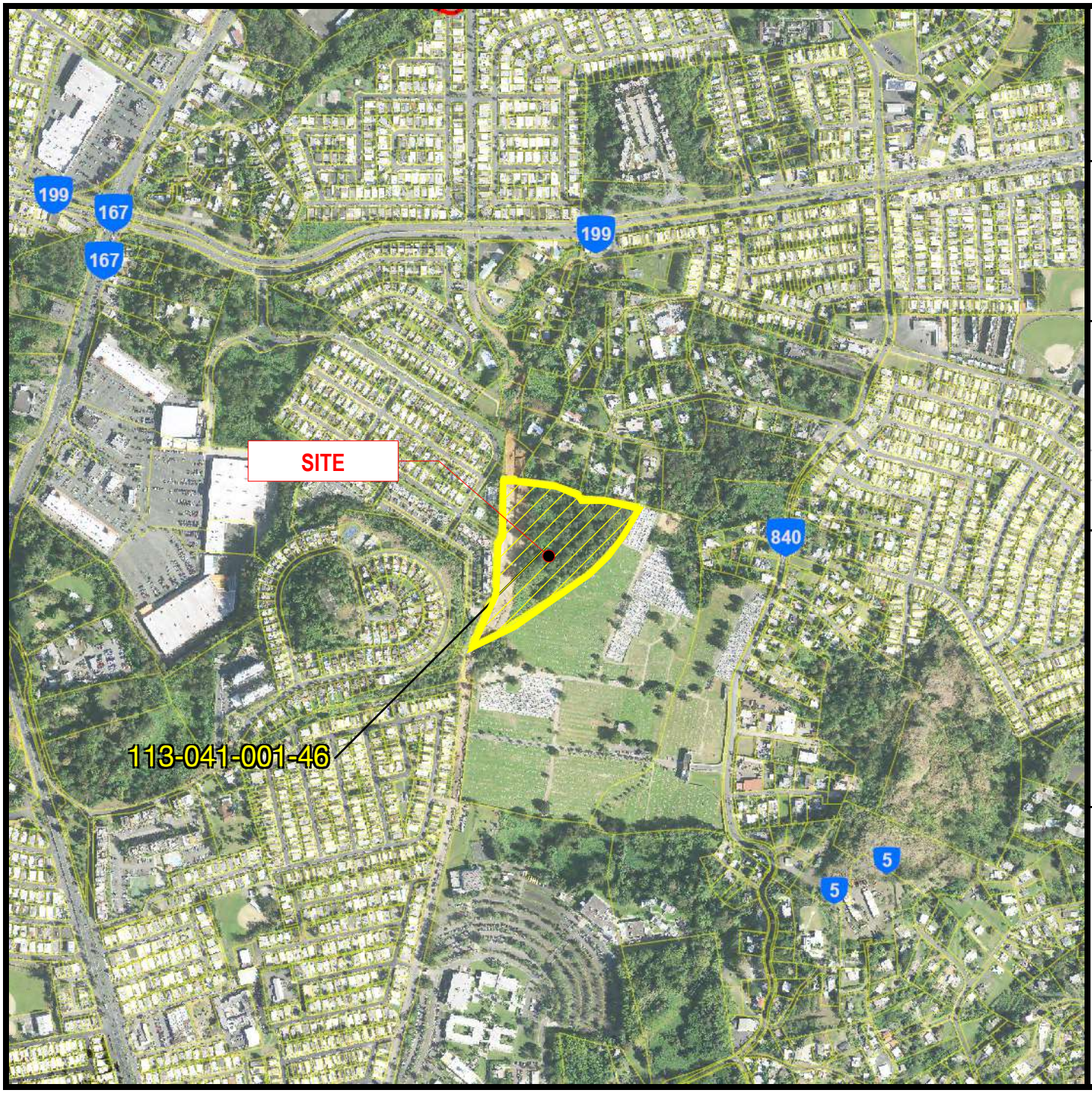
0 0.04 0.09 0.17 mi

N W E S

10/23/2025 10:16 AM

12

Advisory Base Flood Elevation (ABFE) Map



Mapa de Niveles de Inundación Base Recomendados

Para propósitos de nueva construcción o mejora substancial.

Estos mapas desarrollados por la Agencia Federal para el Manejo de Emergencias (FEMA, por sus siglas en inglés) identifican cuales áreas se encuentran en las nuevas zonas inundables recomendadas del 1% y 2% de probabilidad, así como los niveles de inundación base recomendados (ABFE, por sus siglas en inglés) que pueden afectar las prácticas de construcción en Puerto Rico.

Zona Inundabilidad	Porciento
Fuera de los límites de los mapas de inundación recomendados	

Panel Inundabilidad: 72000C0710H

Fecha de Efectividad: 18 de abril de 2018

Ver Resolución JP-ABFE_01 del 23 de marzo de 2018

Leyenda

- Hidrografía
- Límite ABFE
- Cauce Mayor
- A
- AE
- AO
- Coastal A Zone
- VE
- X (0.2% ACF)

Notas:

La elevación de inundación base que se muestra en este mapa utiliza el nivel medio del mar (MSL). Se advierte al usuario que toda información obtenida del mapa deberá corroborarse con el Estudio del Seguro de Inundación (FIS, por sus siglas en ingles) de Puerto Rico. Se deberá utilizar la tabla de niveles de inundación provista por dicho estudio que muestra la elevación para inundación, dichos datos deberán ser utilizados en proyectos de construcción o propósitos relacionados con la administración de Valles Inundables en Puerto Rico cuando estos sean mayores a las elevaciones que muestra el mapa de inundaciones (FIRM).

MAP SCALE
1 : 10,000

N

.25 0 .25
Kilometers

250 0 250 500 750 1000 1250
Feet

1/8 0 1/8
Miles

13

State Historic Preservation Office (SHPO) Consultation

GOBIERNO DE PUERTO RICO
Oficina Estatal de Conservación Histórica

Wednesday, December 9, 2020

Lauren B. Poche, M.A.
Architectural Historian, Historic Preservation Manager
Horne
10000 Perkins Rowe Suite 610 Bldg. G
Baton Rouge, LA 70810

SHPO: 10-15-20-02 DESARROLLOS REALES INC, PR-840 (AVE. CARIDAD DEL COBRE), PARCELA B, URB. PANORAMA, CERRO GORDO WARD, BAYAMÓN, PUERTO RICO

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the *National Historic Preservation Act, as amended)* and 36 CFR Part 800: *Protection of Historic Properties* from the Advisory Council on Historic Preservation. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects.

Our records support your finding of **no historic properties affected** within the project's area of potential effects.

Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MC

SHPO
OFICINA ESTATAL DE CONSERVACIÓN HISTÓRICA
OFICINA DEL GOBERNADOR
STATE HISTORIC PRESERVATION OFFICE
OFFICE OF THE GOVERNOR
OECH

Cuartel de Ballajá, San Juan, PR • PO Box 9023935, San Juan, PR 00902-3935 • www.oech.pr.gov • 787-721-3737

HORNE
Puerto Rico

October 15, 2020

Carlos A. Rubio Cancela
Director Ejecutivo
Oficina Estatal de Conservación Histórica
Cuartel de Ballajá (Tercer Piso)

Puerto Rico Disaster Recovery, CDBG-DR Gap to Low Income Housing Tax Credits (LIHTC) Program: Apolonia Apartments Project

Section 106 NHPA Effect Determination Submittal

Dear Mr. Rubio,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the Department of Housing and Urban Development (HUD) the United States under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional $8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (Housing) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents.

To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the Department's objectives Puerto Rico Housing (PRDOH) for CDBG-DR.

On behalf of Puerto Rico Department of Housing, we are submitting documentation for the proposed Apolonia Apartments Project in Bayamón for your review.

Please contact me by email at lauren.poche@hornellp.com or phone at 225-405-7676, or Mr. Javier Nunez by email at javier.nunez@hornepr.com or by phone at 787-207-1270 with any questions or concerns.

Kindest regards,

Lauren B Poche

Lauren Bair Poche
Architectural Historian, Historic Preservation Manager

Enclosures

GOVERNMENT OF PUERTO RICO Department of Housing	**PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM:** **LOW INCOME HOUSING TAX CREDIT (LIHTC) PROGRAM** **Section 106 NHPA Effect Determination, Archaeology**
Case ID:	**Project Location** (Street Address)**:** PR-840 (Ave. Caridad del Cobre), Parcela B, Urb. Panorama, Cerro Gordo ward
City: Bayamón	**Project Coordinates:** 18.359743°, -66.181075°

Applicant Name: Desarrollos Reales, Inc.	
TPID (Número de Catastro)**:** 113-041-001-46	
Type of Undertaking: ☒ New Construction ☐ Substantial Repair	
Vacant Lot: Yes	**Construction Date** (if applicable)**:** do not apply
Property Size (acres)**:** 8.44	**FEMA / Local Funded Demolition Removal**: NO

SOI Qualified-Archaeologist: Sharon Meléndez Ortiz	
Date Reviewed: October 12, 2020	

SCOPE OF WORK

The applicant is seeking Community Development Block Grant disaster recovery funds financed by the federal Department of Housing and Urban Development due to damage received by the 2017 Hurricanes Irma and Maria. It is a Section 106 undertaking due to the use of federal dollars. Activities related to this project will be done in a manner that does not meet Stipulations II.A.1 and/or II.B.9 of the Addendum to the Programmatic Agreement.

DEFINE THE AREA OF POTENTIAL EFFECTS *(Describe the location and extent [size and depth] of all potential ground disturbing activities)***:**

The proposed action is the construction of a residential development of social interest in compliance with Section 106 NHPA Effect Determination. The proposed project area site is located at PR-840, also known as Caridad del Cobre Avenue, Parcel B, Cerro Gordo ward, in the municipality of Bayamón.

The proposed action consists of the construction of 214 housing units of one, two or three bedrooms, ranging from 626 to 1,220 square feet. The units will be distributed in four walk-up/walk-down apartment buildings. In addition, the project includes the construction of an administration building and community center with an approximate area of 3,000 square feet, along with outdoor recreational areas, green areas, utilities, controlled access parking, playground, gazebos, mail, garbage and recycling areas, and other amenities associated with this type of development.

The project's area of potential effects conforms to the 8.44 acres parcel's limit. It includes the areas where buildings, access facilities, parking and recreation areas will be constructed, as well as construction accesses and staging area. The depth of disturbance is estimated at 3 m.

GOVERNMENT OF PUERTO RICO Department of Housing	**PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM:** **LOW INCOME HOUSING TAX CREDIT (LIHTC) PROGRAM** **Section 106 NHPA Effect Determination, Archaeology**
Case ID:	**Project Location** (Street Address)**:** PR-840 (Ave. Caridad del Cobre), Parcela B, Urb. Panorama, Cerro Gordo ward
City: Bayamón	**Project Coordinates:** 18.359743°, -66.181075°

Presence of Known Archaeological Concerns:	YES	NO
Known Archeological Resources Located within 0.50-km radius of the proposed project area.	☐	☒
Proposed project area is located within an NRHP-Listed or Eligible Historic District.	☐	☒
Proposed project area is located within an NRHP-Listed or Eligible Archaeology District.	☐	☒
Proposed project area is located within a Traditional Urban Center.	☐	☒
District OR Traditional Urban Center Name (if applicable):		
Archaeological Site Potential Factors:	YES	NO
Activities Substantially Conform to the Original Footprint of the Building or Structure.	☐	☒
Proposed project area is located on Significantly Disturbed Soils **(Describe nature and extent of disturbance below.)**	☒	☐
Proposed project area is located on Well-draining Soil Series	☒	☐
Slope within the proposed project area is in excess of 30 degrees (57.7%)	☐	☒
Description of Soil Disturbance *(if applicable)***:** The 1994 satellite image shows that the entire project area is devoid of vegetation and with exposed soil, suggesting that it was machine cleared. In the images between 2003 and 2006, it can be seen that there is a road inside the property, that there are areas with exposed subsoil, and that an area in the center-west is being used as a staging area.		

NATURAL SETTING *(Discuss the natural setting of the proposed project including location, landform, slope, distance to water, soils, and vegetation.)***:**

The proposed project area is located in the northern coastal valley of Puerto Rico, specifically in the urban area of the municipality of Bayamón. It is located in a small hill, between 120 m above sea level in the center of the parcel, and 110 m above sea level in the eastern, northwestern, and southwestern corners. The site has an Irregular topography with a moderate slope to the north, east and south. There is an unnamed stream 0.15 mi east.

The soil in the project area has been classified as Daguey clay, 12 to 20 percent slopes (DaD). The Daguey soils are deep, well drained, and have a B horizon of reddish clay.

Vegetation in the project area consists of grasses, vines, shrubs, and some recently grown trees. The vegetation is very dense.

CULTURAL SETTING AND PREVIOUS INVESTIGATIONS *(Discuss the cultural setting for the proposed project including previously identified archaeological sites, NRHP listed/eligible historic properties, and cultural resource studies conducted within one mile of the project area.)***:**

In 2008, Juan González Colón conducted a Phase IA-IB Archaeological Survey for this project. As part of the Phase IA study, González Colón consulted the archives of the IPRC and SHPO, reviewed the archaeological studies carried out in the area, interviewed people from the community, and conducted a surface inspection. He concluded that the archaeological potential of the site is low. To corroborate this inference, González Colón carried out a Phase IB, where he excavated 23 sample test pits at an interval of 25 m, to a depth no greater than 70 cm. All the test pits yielded negative results. González Colón did not recommend additional studies to be carried out. Interestingly, in 13 test pits, the first soil layer is described as "disturbed soils". This stratum reached a depth of between 19 to 41 cm. In the report the nature of the disturbances is not described. However, it is indicated that construction materials were deposited in some areas near the parcel's boundaries.

According to the Phase IA study, the project area was part of a farm for cattle grazing, where subsistence crops and sugar cane were cultivated. These activities ceased in the 1960s, when the property was segregated, and residential, commercial, institutional and infrastructure projects were built. The project area is the only site on the original property that has not been developed.

A systematic review of the aerial photos available on Google Earth was carried out. In the photos prior to the archaeological study, it can be seen that the project area was completely disturbed. In the aerial photo of November 1994, the project area is completely devoid of vegetation and with exposed soil (see Figure). In the images between 2003 and 2006, it can be seen that the parcel was used as a staging area, with dirt roads and areas with the characteristic red subsoil (B horizon) exposed. In the images after the archaeological study, between 2010 and 2020, the area is seen covered with dense vegetation, without significant changes, with the exception of the construction of Caridad del Cobre avenue between 2016 and 2018.

The Archaeology and Ethnohistory Program of the Institute of Puerto Rican Culture, in a letter dated from September 26, 2018, concluded that the chances of the proposed project impacting an archaeological site are minimal.

DETERMINATION OF POTENTIAL EFFECTS

Discuss the archaeological potential for the proposed project location:

The proposed project location appears devoid of vegetation in the aerial photo of 1994, which undoubtedly entailed movement of the ground's surface layer. In 2008, a Phase IA-IB cultural resources assessment was carried out. The study included the excavation of test pits, which yielded negative results. After the archaeological study, there have been no obvious changes within the project area.

I understand that the archaeological potential of the project's APE is extremely low, and that the results of the archaeological study are still valid. Therefore, a determination of no historic properties for this undertaking is adequate.

GOVERNMENT OF PUERTO RICO Department of Housing	**PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM:** **LOW INCOME HOUSING TAX CREDIT (LIHTC) PROGRAM** **Section 106 NHPA Effect Determination, Archaeology**
Case ID:	**Project Location** (Street Address)**:** PR-840 (Ave. Caridad del Cobre), Parcela B, Urb. Panorama, Cerro Gordo ward
City: Bayamón	**Project Coordinates:** 18.359743°, -66.181075°

RECOMMENDATION: The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

☒ No Historic Properties Affected
☐ No Adverse Effect
☐ Adverse Effect

(**No Adverse Effect Conditions or Proposed Adverse Effect Resolution here, if needed**)

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and: ☐ **Concurs** with the information provided. ☐ **Does not concur** with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

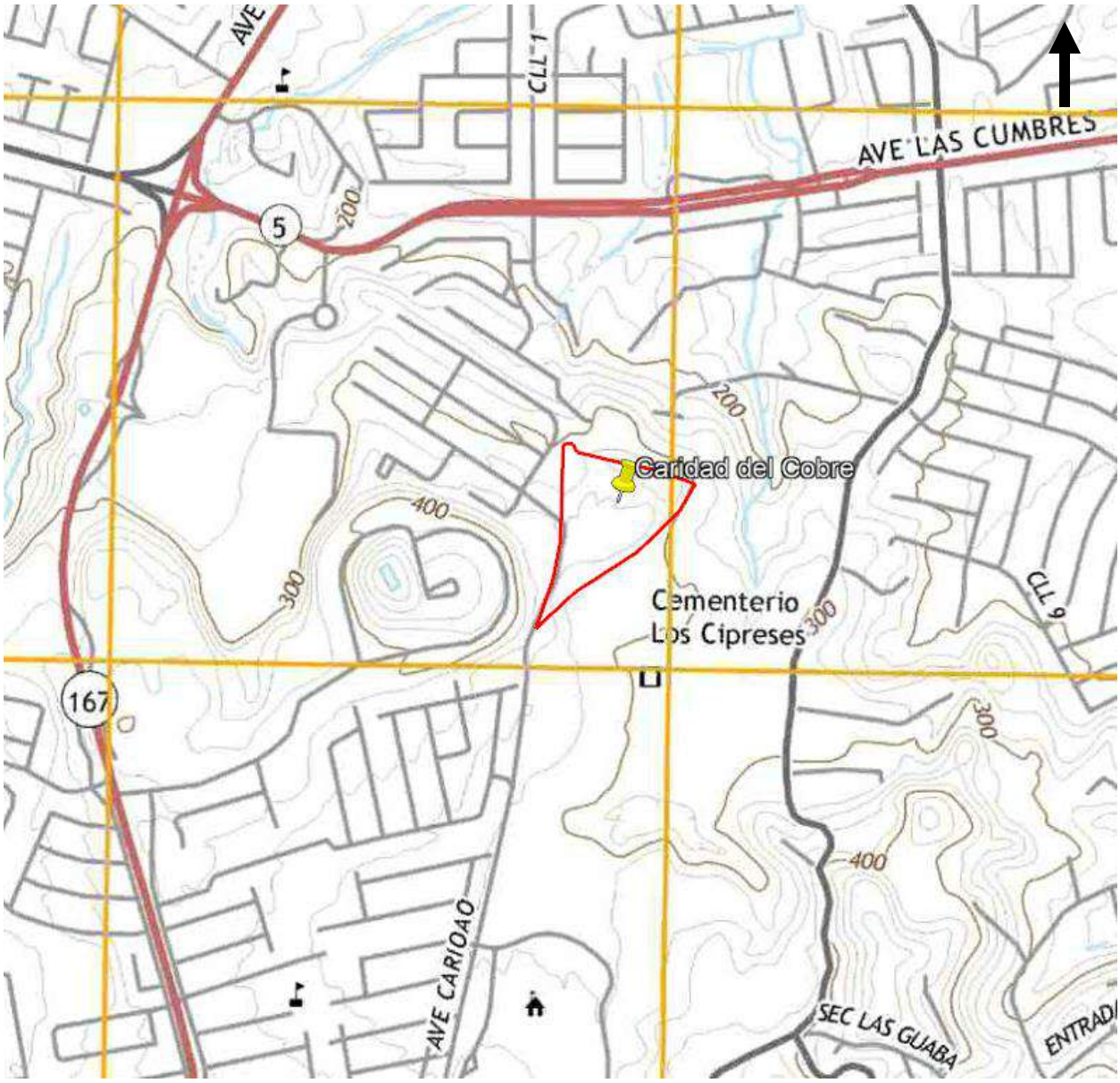
Table of archaeological sites, historic properties and historic districts located within the project area or within a 1-km radius

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP
-	-	-	-	-	-

Table of cultural resources surveys conducted within the project area or within a 1-km radius

Author	Phase/Title	Year	Code	Results	Distance/ Direction
Juan González	IA-IB/ Virgen de la Caridad del Cobre	2008	ICP-CAT-BA-08-15-03	Negative	Within the Project area
Osvaldo Torres	IA-IB/ Extensión de la Ave. de la Caridad desde la PR-199 hasta la Urb. Cana y la Universidad Interamericana	2012	ICP-CAT-BA-12-16-05	Negative	0.12 km NW

Project (Parcel) Location - USGS Topographic Map

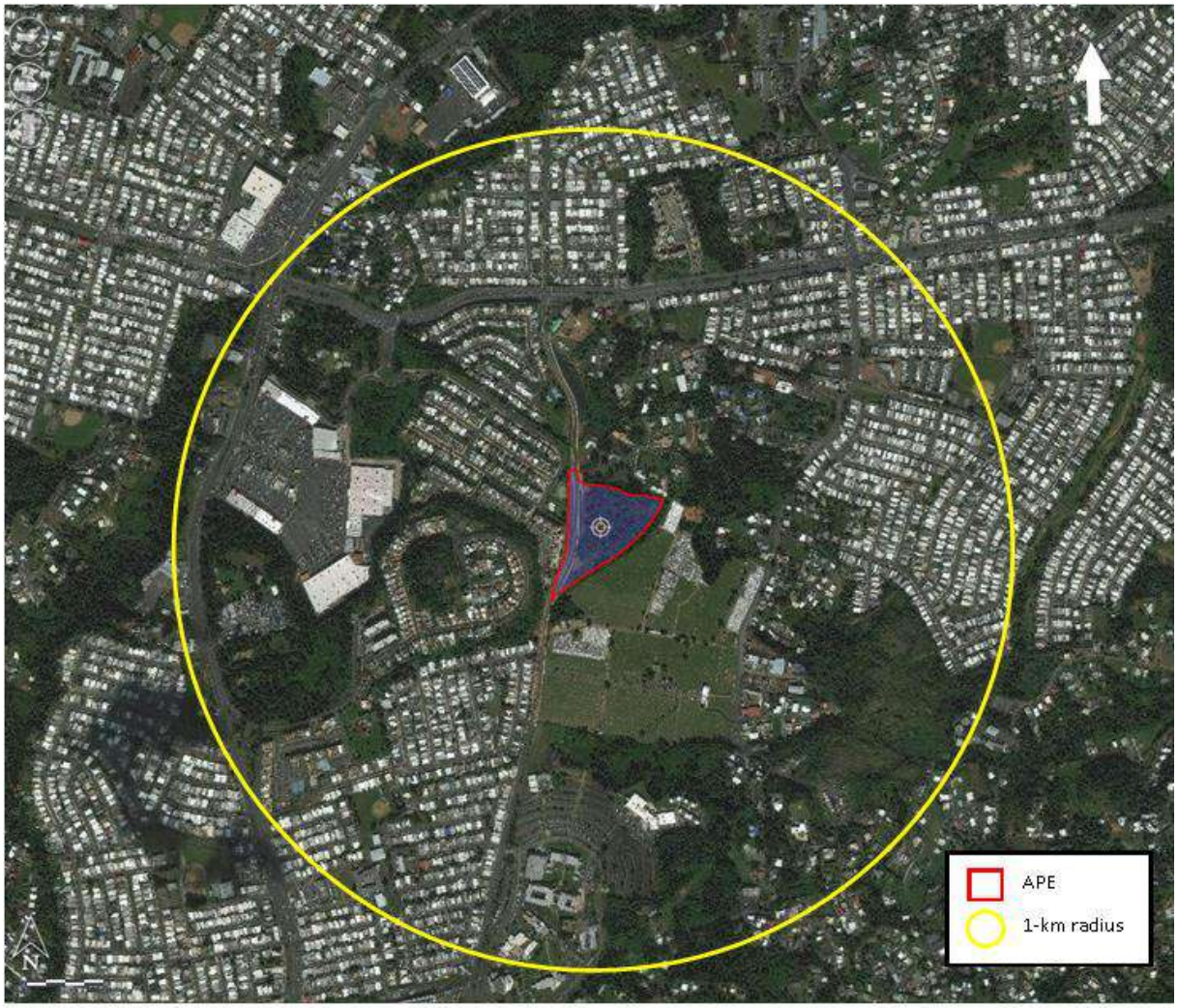


Project (Parcel) Location - Aerial Map

Soils Map

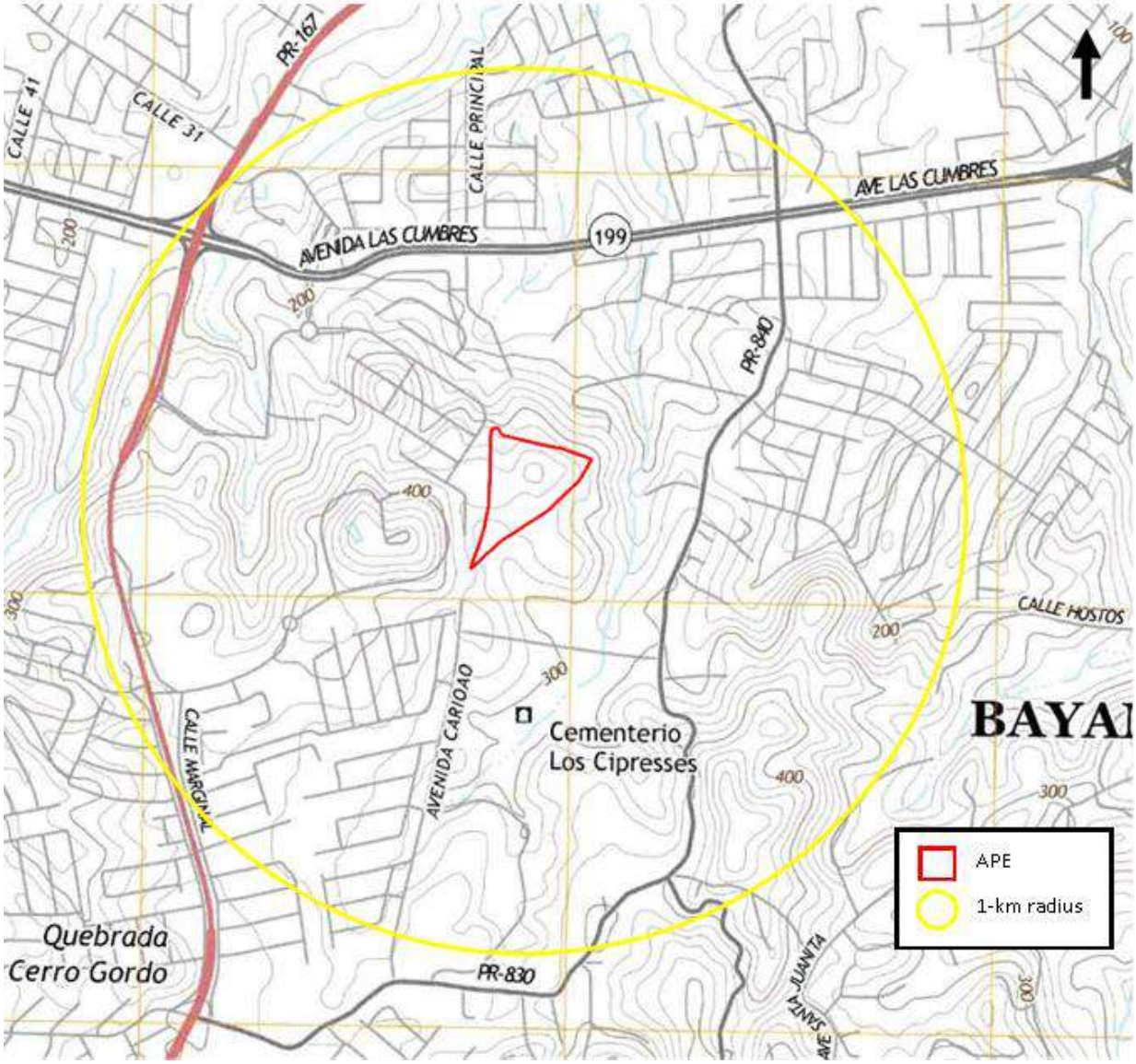
Calle 50
Uv
Calle Num 2
Calle 48
HtE
Calle 1
DaD
Calle 2
Carretera 840
Calle Num 28

Project (Parcel) Location with Previously Recorded Cultural Resources - Aerial Map



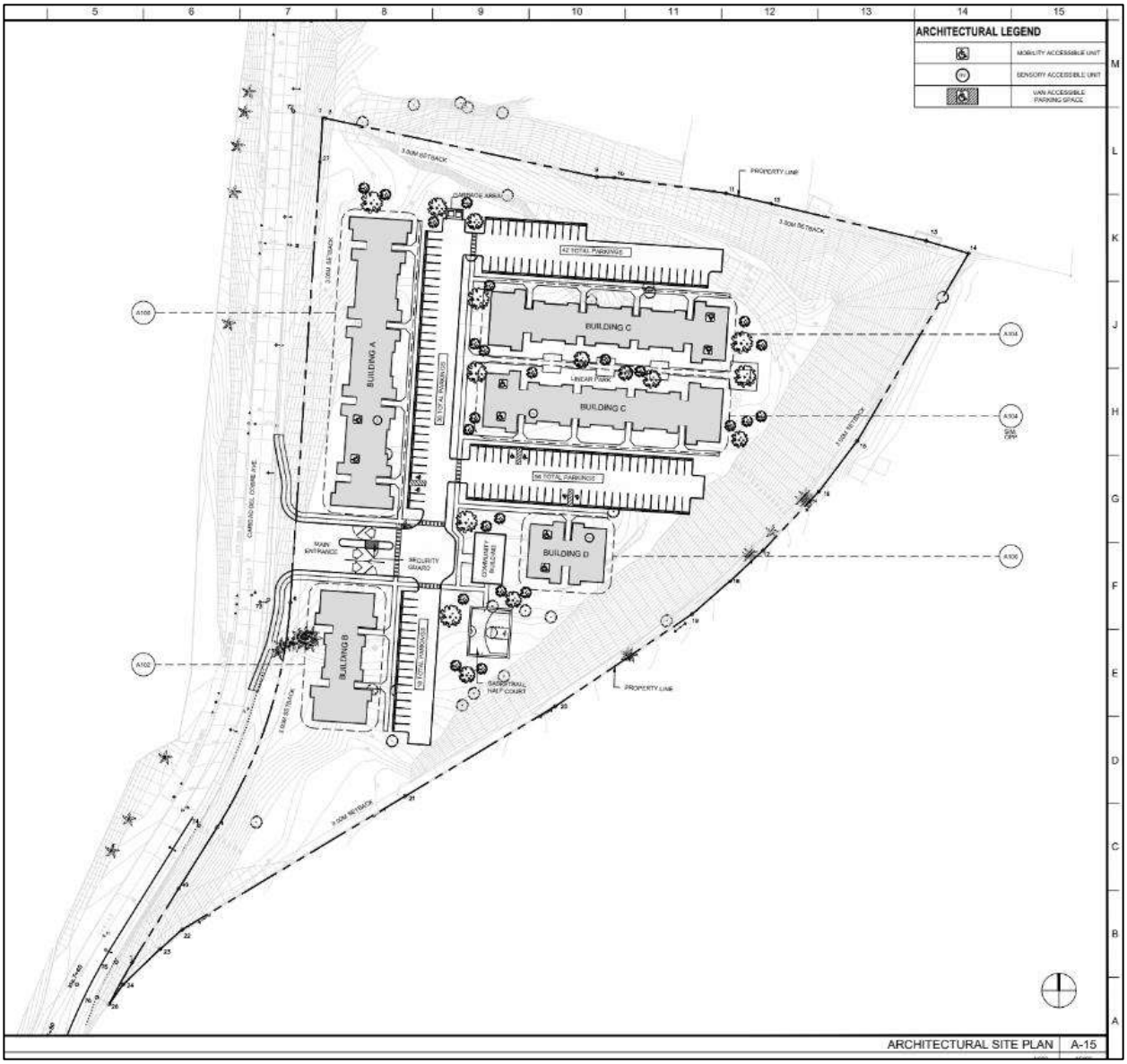
GOVERNMENT OF PUERTO RICO Department of Housing	**PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM:** **LOW INCOME HOUSING TAX CREDIT (LIHTC) PROGRAM** **Section 106 NHPA Effect Determination, Archaeology**
Case ID:	**Project Location** (Street Address)**:** PR-840 (Ave. Caridad del Cobre), Parcela B, Urb. Panorama, Cerro Gordo ward
City: Bayamón	**Project Coordinates:** 18.359743°, -66.181075°

Project (Parcel) Location with Previously Recorded Cultural Resources
USGS Topographic Map



Aerial image of 1994 (GoogleEarth)

Architectural Site Plan



Survey and Topographic Plan

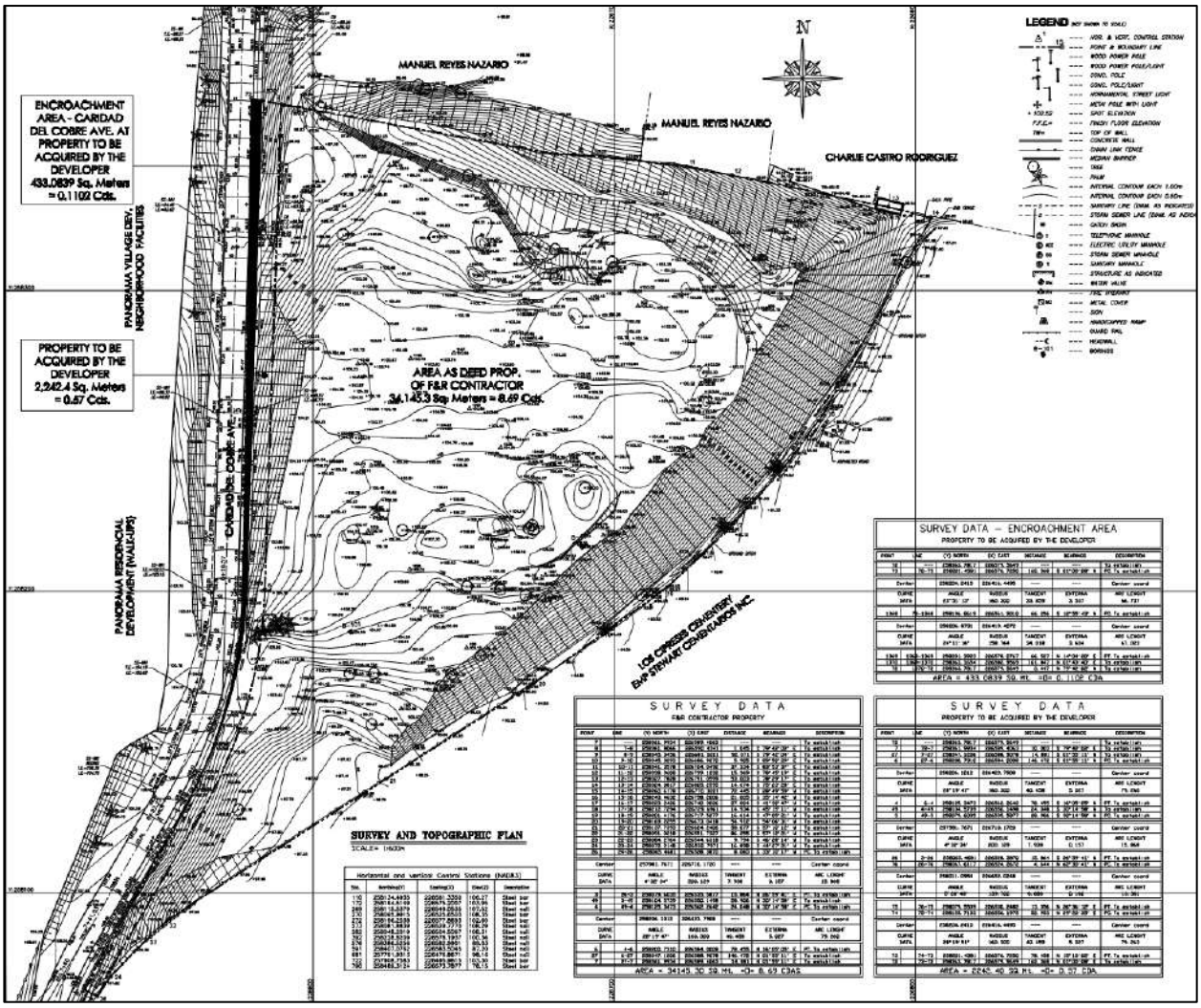


Photo #: 1 **Date:** 10/09/20	**Description (include direction):** General view of the western limit of the project area, looking southeast from Caridad del Cobre Avenue.

Photo #: 2 **Date:** 10/09/20	**Description (include direction):** General view of the eastern limit of the project area, looking east.

Photo #: 3 **Date:** 10/09/20	**Description (include direction):** Detail view of type of dense vegetation within the APE, looking north.

Photo #: 4 **Date:** 10/09/20	**Description (include direction):** Detail view of type of dense vegetation within the APE, looking northwest.

Photo #: 5 **Date:** 10/09/20	**Description (include direction):** View of type of soil in exposed profile, looking northwest.

Photo #: 6 10/09/20	**Description (include direction):** Close-up view of exposed profile, looking northwest.

GOBIERNO DE PUERTO RICO
Departamento de la Vivienda

13 de enero de 2020

Arq. Carlos A. Rubio Cancela
Director Ejecutivo
Oficina Estatal de Conservación Histórica
Cuartel de Ballajá (Tercer Piso)
Calle Norzagaray, Esquina Beneficiencia
San Juan, Puerto Rico

Re: Autorización para Someter Documentos

Estimado Arq. Rubio Cancela:

El Departamento de Vivienda y Desarrollo Urbano (HUD, por sus siglas en inglés) de los Estados Unidos aprobó una asignación de fondos tipo Subvención en Bloque para el Desarrollo Comunitario (CDBG-DR, por sus siglas en inglés) el 9 de febrero de 2018. El objetivo de esta asignación es atender necesidades insatisfechas a consecuencia del paso de los huracanes Irma y María ocurrido en septiembre de 2017.

Para cumplir con los requisitos ambientales que establece HUD, el Departamento de Vivienda de Puerto Rico contrató a Horne Federal, LLC para proporcionar servicios de revisión de registros ambientales, entre otros, que respaldarán los objetivos de la agencia para el Programa CDBG-DR.

En el ánimo de agilizar los procesos se autoriza a Horne Federal, LLC, a presentar ante la Oficina Estatal de Preservación Histórica, documentación de los casos relacionada al Programa CDBG-DR en representación del Departamento de Vivienda.

Cordialmente,

Dennis G. González Ramos, PE MEM
Subsecretario
Programa CDBG-DR

13a
Instituto Cultura Puertorriqueña (ICP) Letter

GOBIERNO DE PUERTO RICO
Instituto de Cultura Puertorriqueña

26 de septiembre de 2018

AUTORIZACIÓN

Ing. Héctor Rodríguez Echevarría
Director Ejecutivo Interino
Oficina de Gerencia de Permisos
PO Box 41118
San Juan, Puerto Rico 00940

APARTAMENTO CARIDAD DEL COBRE
URB. PANORAMA, PARCELA B, PR 840, BAYAMÓN
CASO OGPE #2018-235881-SRA-019719

Estimado ingeniero Rodríguez:

El **Programa de Arqueología y Etnohistoria** del Instituto de Cultura Puertorriqueña ha evaluado los documentos relacionados al proyecto de referencia, recibidos a través de la División de Arqueología y Conservación Histórica de la Oficina de Gerencia de Permisos (OGPe).

La evaluación realizada sugiere que, basado en los datos existentes al presente, las probabilidades de impactar un recurso arqueológico, según definido por la Ley 112 del 20 de julio de 1988, según enmendada, son mínimas.

Por lo tanto, en lo concerniente a recursos culturales de naturaleza arqueológica, **no tenemos objeción** al proyecto según fue radicado y evaluado.

Este proceso es paralelo al del Programa de Patrimonio Histórico Edificado del Instituto de Cultura Puertorriqueña, los comentarios de dicho programa deberán ser atendidos de modo adicional al nuestro, para cumplir con las regulaciones de la Ley 374 de 1949 y la Ley 89 de 1955; según enmendadas.

Le notificamos que esta autorización es de tipo parcial y que el proponente queda sujeto a las responsabilidades y obligaciones que impone la Ley 112 del 20 de julio de 1988, según enmendada. Esta establece que, **se deberá paralizar todo tipo de actividad de excavación, movimiento y remoción de la corteza terrestre, y notificar en un plazo de veinticuatro (24) horas al Consejo de Arqueología Terrestre, en caso de que, durante el desarrollo del proyecto, se descubra o impacte algún depósito, elemento, estructura o vestigio de naturaleza arqueológica.**

Se le apercibe que el incumplimiento de estos requerimientos podrá ser objeto de sanciones administrativas según lo establecido en las citadas leyes.

Esta autorización tiene **vigencia de (1) año.**

Cordialmente,

Dr. Carlos Pérez Merced
Director Interino
Programa de Arqueología y Etnohistoria

CAPM/GOE/mgb

PROGRAMA DE ARQUEOLOGÍA Y ETNOHISTORIA
Apartado 9024184, San Juan, Puerto Rico 00902-4184
Teléfono: (787) 723-2524 / (787) 724-0700 ext. 1362

GOBIERNO DE PUERTO RICO
Instituto de Cultura Puertorriqueña

26 DE SEPTIEMBRE DE 2018

SISTEMA INTEGRADO DE PERMISOS
Oficina de Gerencia de Permisos
PO Box 41179
San Juan, Puerto Rico 00940-1179

NO OBJECIÓN

CASO OGPE: 2018-235881-SRA-019719
CARIDAD DEL COBRE
MUNICIPIO: BAYAMÓN
UBICACIÓN: PR840 URB PANORAMA, BARRIO CERRO GORDO
CATASTRO: 113-041-001-46
CALIFICACIÓN: RU-2
PROPONENTE: DESARROLLOS REALES INC

Estimados señores:

El Instituto de Cultura Puertorriqueña (ICP), por medio de su Programa de Patrimonio Histórico Edificado (ICP-PHE), ha examinado el proyecto de referencia para determinar si afecta Propiedades de Valor Histórico y Arquitectónico que estén protegidas, o sean elegibles a serlo, bajo las leyes y reglamentos que nuestra agencia tiene responsabilidad de administrar, como agencia primaria, endosante o recomendante. Estas leyes y reglamentos incluyen, entre otros:

1. La ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en especial el inciso 4(a)(7), "Determinar que edificios o estructuras son de valor histórico o artístico en Puerto Rico. (...)" y el inciso 4(a)(8), "Asesorar a la Junta de Planificación en la reglamentación de construcción en aquellas zonas que determine como zonas de valor histórico. (...)".
2. La ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en su inciso 4 (b)(3) según enmendado por la ley 119 del 26 de septiembre de 2005, que permite "adoptar, enmendar o derogar, por conducto de su Junta de Directores, las reglas que gobiernen [el] funcionamiento y el descargo de los poderes" concedidos e impuestos al ICP por ley, y la imposición de multas administrativas y/u otras sanciones por su incumplimiento o violación.
3. El Reglamento Conjunto de Permisos para Obras de Construcción y Uso de Terrenos, Reglamento 31 de la Junta de Planificación ("Reglamento Conjunto") con vigencia del 29 de noviembre de 2010, en todos los incisos aplicables a zonas y sitios históricos, en especial los Capítulos 54 (Reglamento de Zonas y Sitios Históricos) y 60 (Designación de Zonas y Sitios Históricos) – incluyendo, en las zonas históricas, edificios elegibles, no elegibles, solares vacíos y espacios públicos.
4. Las zonificaciones SH (antes CR-H) cubiertas por el Capítulo 19, Regla 19.29 del Reglamento Conjunto.
5. La disposición del Capítulo 54, Regla 54.5, §54.5.6 del Reglamento Conjunto que establece, para las Plazas de Recreo y edificios circundantes, las reglas de protección del Patrimonio Histórico.
6. La Resolución JPE-047 de 1994, la cual requiere evaluación del ICP para consultas y usos a darse a edificios públicos construidos anteriores a 1960.
7. La exigencia de endoso o comentario del ICP aplicable a propiedades designadas de valor histórico y arquitectónico por otros medios, tales como:

    a. Resolución de la Asamblea Legislativa
    b. Monumentos Históricos designados por la Junta de Directores del ICP
    c. Propiedades designadas por un plan de ordenamiento territorial de un Municipio Autónomo y que esté en vigor, o por el Plan de Uso de Terrenos de Puerto Rico

d. Ser declaradas históricas en un plan especial de zonificación.
e. Otras propiedades referidas por cualquier componente del Sistema Unificado de Información (SUI), la Oficina de Permisos de un Municipio Autónomo con poder de otorgar permisos, la Junta de Planificación, el Programa de Arqueología y Etnohistoria del ICP, u otra agencia o entidad de gobierno con poder reglamentario.

8. Petición a solicitud voluntaria de un propietario o derechohabiente de una propiedad.

Luego de la evaluación del caso se determina que el **proyecto de construcción de un desarrollo de proyecto de vivienda de interés social se encuentra fuera de nuestra competencia**. Por lo tanto, el programa de Patrimonio Histórico Edificado emite su ***No Objeción*** al mismo.

Este documento tiene vigencia de un (1) año a partir de su emisión.

Sin otro particular, quedo

Arq. Carmen Marla López, CAA PPR, AIA
Directora, Programa de Patrimonio Histórico Edificado
Instituto de Cultura Puertorriqueña

CMLC/ejc /mgv

Cc: Expediente caso PPHE, ICP

13b

Archaeology 1A-1B Study (2008)

Evaluacion De Recursos Culturales
(FASE IA-1B)

APOLONIA APARTMENTS LLC

(*Also known as*: **Virgen De La Caridad Del Cobre**)

Barrio Cerre Gordo
Bayamon, Puerto Rico
22 de Diciembre de 2008

EVALUACION DE RECURSOS CULTURALES
(FASE IA-1B)

PROYECTO

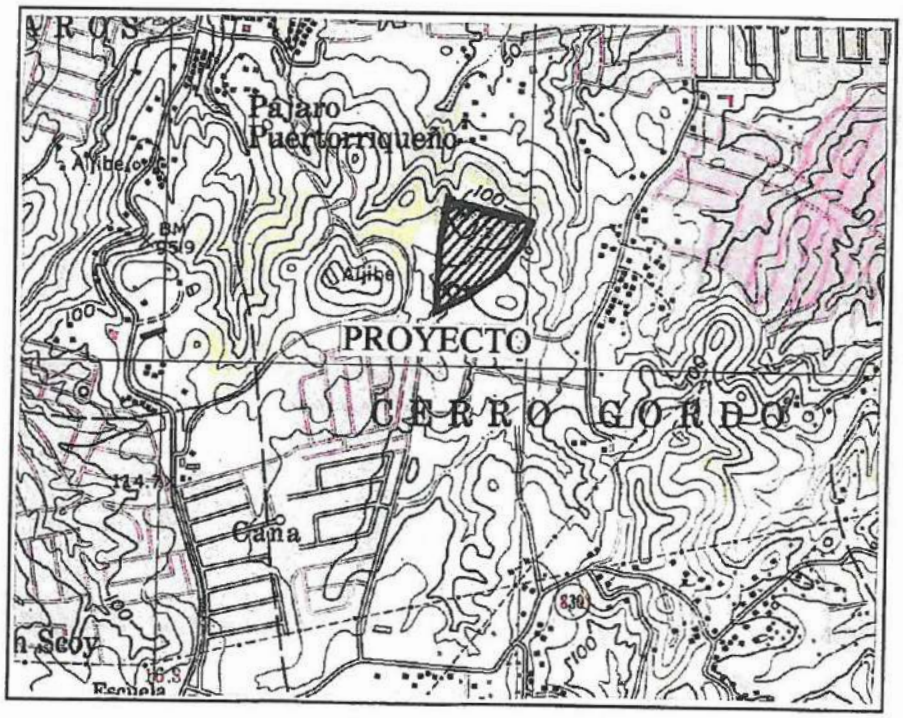
VIRGEN DE LA CARIDAD DEL COBRE

Sometida a:

SR. ESTEBAN ESTRADA CONCEPCION

Por:

JUAN GONZALEZ COLON
ARQUEOLOGO



BARRIO CERRO GORDO
BAYAMON, PUERTO RICO
22 de Diciembre de 2008

EVALUACIÓN DE RECURSOS CULTURALES
(Fase 1A-1B)

PROYECTO

CARIDAD DEL COBRE

BARRIO CERRO GORDO
BAYAMON, PUERTO RICO

Sometida a:
Don Esteban Estrada Concepción
PO Box 9932
San Juan, Puerto Rico 00 908

Preparado por:
Juan González Colón, RPA
Registered Professional Archaeologist
PO Box 336042
Ponce, Puerto Rico 00733-6042
Teléfono: 380-6934 / 842-9389

INDICE DE CONTENIDO

	Página
INTRODUCCIÓN	1
AMBIENTE GEOGRAFICO	3
Suelos	6
Clima	7
Hidrología	9
Flora	9
Fauna	9
Descripción de Proyecto: Caridad del Cobre	10
ESTUDIO FASE 1-A	12
La Prehistoria de **Bayamón**: Estudios Previos	13
Notas sobre la Historia de **Bayamón**	18
Rastreo/Inspección de los Terrenos	21
Patrón de Uso de los Terrenos	21
Sensitividad Arqueológica	25
Resumen de la Investigación Documental	27
Síntesis de la Fase 1-A	27
ESTUDIO FASE 1B	29
Estrategia del Estudio de Campo	30
Resultados de las Sondas de Prueba	31
Resumen de los Resultados	33
CONCLUSIÓN	34
RECOMENDACIONES	34
BIBLIOGRAFÍA	35
FOTOGRAFIAS	37
Plano con las Sondas de Prueba	43
Plano con el Desarrollo Propuesto	44

INTRODUCCIÓN

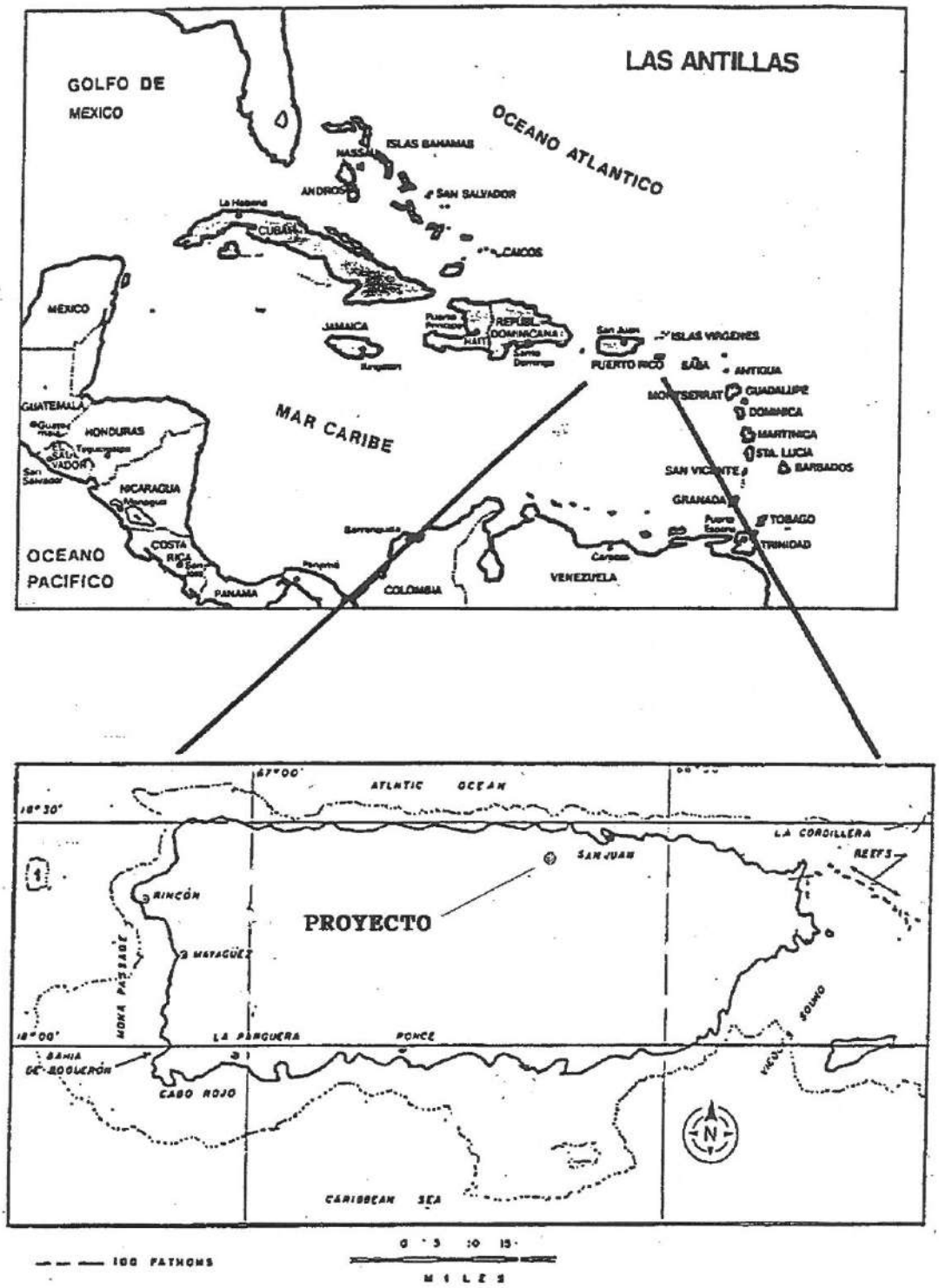
Esta evaluación de recursos culturales (**Fase 1A-1B**), fue realizada por el arqueólogo Juan González Colón para determinar la presencia o ausencia de los mismos en los terrenos en donde se propone el desarrollo de un proyecto con fines residenciales. El proyecto planificado estará localizado dentro de los límites territoriales de la municipalidad de **Bayamón**.

El informe será sometido a las Oficinas de Gobierno para el endoso correspondiente.

> "The Stage I survey is designed to determine the presence or absence of cultural resources in the project's potential impact area. The Stage I work must be conducted early during the planning activities for each project. This allows the information derived from this work to be used in developing and screening alternatives to minimize direct and indirect impacts on historic and archaeological properties.
>
> To facilitate planning, the Stage I survey is divided into two logically progressive units of study, Stage 1A and Stage 1B."
> (SHPO, 1992)

La evaluación de recursos culturales en su **Fase 1A**, consiste en identificar si en las fuentes documentales conocidas existe información que directa o indirectamente pudiera estar relacionada con el área que será intervenida; se determina la sensibilidad arqueológica del área. Tomando en consideración los resultados de la investigación documental se procede con un estudio de campo, **Fase 1B**.

Las características del sector y su potencial se evalúan en términos arqueológicos, basados en el resultado de la investigación se recomiendan estudios adicionales, sí éstos son necesarios.



Localización del Proyecto en Relación al Caribe

Esta evaluación de recursos culturales está conforme con las guías establecidas por el Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico y la Oficina afines.

LOCALIZACIÓN DEL AREA BAJO ESTUDIO

El sector objeto de investigación está localizado tangente a la futura servidumbre de la Avenida Caridad del Cobre con acceso por carretera estatal PR-830 en el barrio Cerro Gordo de la municipalidad de **Bayamón.**

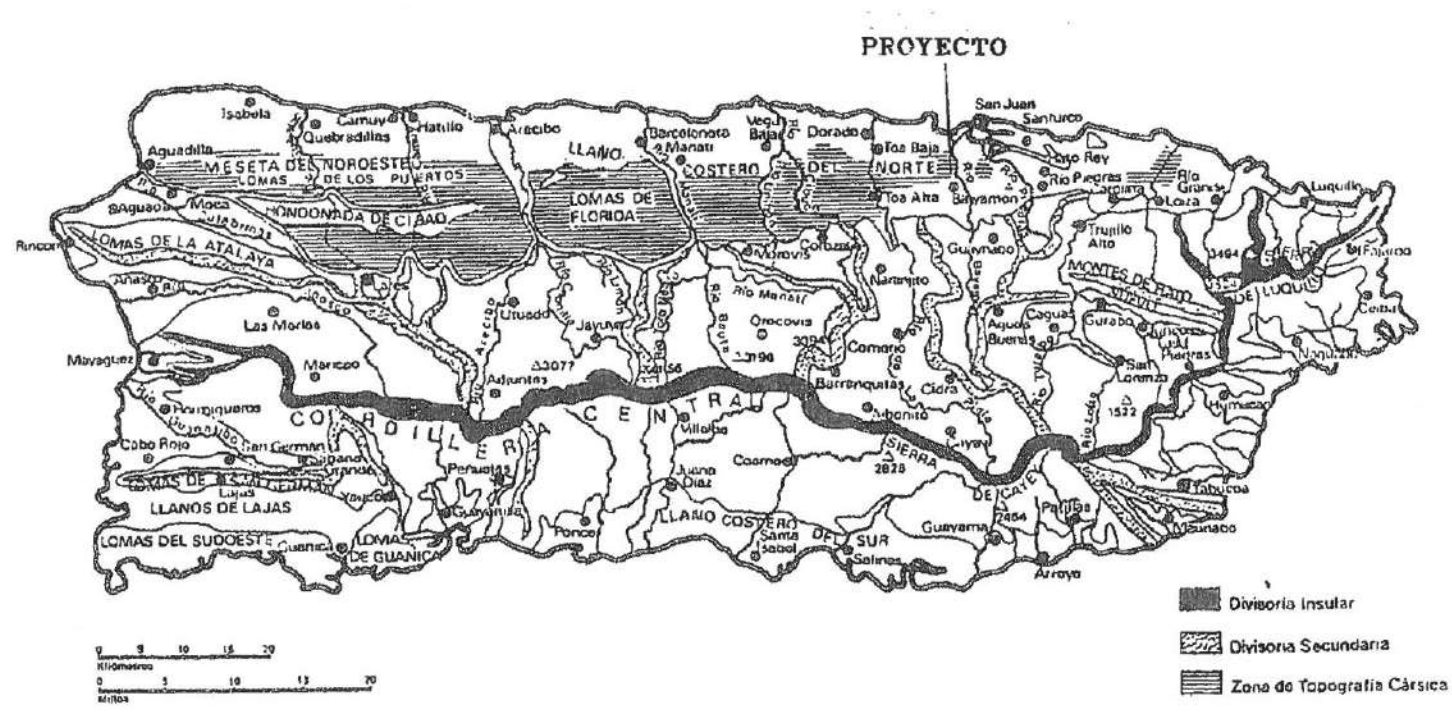
La ubicación del predio respecto al sistema de coordenadas Lambert es la siguiente: X= 178843.782 Y= 57998.7910

Las colindancias del área bajo estudio son las siguientes: por el Norte terrenos privados parcialmente desarrollados; por el Sur y el Este con el cementerio Los Cipreses y otros desarrollos; por el Oeste con terrenos privados.

Los terrenos están localizados dentro de la región geográfica conocida como "Las Colinas Húmedas del Norte, sección de la Faja Caliza del Interior."

> "Las Colinas Húmedas del Norte bordean de Este a Oeste la parte Norte de las montañas del interior y forman la subdivisión más extensa del área total de Puerto Rico. La naturaleza de la geología y de los suelos, la cantidad de precipitación pluvial y la economía hacen de ésta una región agrícola más heterogénea que la zona correspondiente al Sur.
>
> La región misma se ha dividido en tres secciones: la Cretácea al nordeste, la Faja Caliza del Interior y los Montes Atalaya.

La Faja Caliza del Interior bordea el Llano Costero del Norte con hileras de mogotes calizos de forma cónica marcadamente inclinadas hacia el oeste. Los terrenos de la sección están cubiertos de pastos y frutos menores. Los bosques y malezas comprenden gran parte de los mogotes calizos".
(Picó, 1980)



Localización del Proyecto en la Zona Geográfica Correspondiente

SUELOS

Los suelos en Puerto Rico son muy variados para una isla relativamente pequeña. Esta variedad se debe en gran parte a la diversidad de las zonas geográficas y al tipo de rocas que en parte originaron los mismos. Se han podido identificar 426 tipos de suelos y 197 series.

> "They closely reflect the rock formation from which they derive and consist basically of two mayor classes based on the geological history: residual in nature that contains the same minerals as the diorite and volcanic supporting bedrock. Transported soils combine these components with andesites and limestone to form sedimentary deposits with usual fluvial materials, while coarse textured upstream regions, fine clays and silts are abundant in the floor plains and near the coasts." (Gierbolini, 1979)

Los suelos localizados en el predio que será desarrollado han sido clasificados por el U.S. Soil Conservation Service como pertenecientes a la serie "urban land-Vega Alta complex".

> "This complex is about 60 percent urband land, 25 percent Vega Alta soils and 15 percent other soils.
>
> Urban land consists mainly of sites for houses, industrial buildings, parking lots, streets and other structures that accompany development. The landscape has been altered in places by cutting, filling or grading and shaping. It was not practical to map the soils separately because they were intrincately intermingled with Urban land." (Boccheciamp, 1978)

CLIMA

En Puerto Rico el clima es bastante estable debido a su localización en la zona tropical terrestre; no existen variaciones extremas de temperaturas. Dos leves cambios en el clima son sentidos anualmente: la estación invernal desde noviembre hasta febrero en donde la temperatura promedio es desde los 67 grados fahrenheit y la estación de verano desde marzo hasta octubre con una temperatura promedio de 82 grados fahrenheit. Este clima estable y fresco hacen posible una agricultura intensiva con actividades afines todo el año.

Los factores que más influyen en el clima de la Isla son su posición respecto al ecuador, la corriente marina ecuatorial y los vientos alisios que fluyen de este a oeste. En el caso de los vientos alisios, los mismos ayudan a una mayor precipitación, esto es así pues son secos y absorben humedad según se van movimiento y cuando tropiezan con las montañas producen la llamada lluvia orográfica.

La precipitación pluvial anual promedio en la zona bajo estudio es de aproximadamente 57 pulgadas las cuales se distribuyen en dos periodos: uno corto de abril a junio y uno más extenso entre agosto y noviembre.

El efecto de la precipitación anual tiene un impacto directo en la flora de la región, especialmente en los cultivos; sin embargo el drenaje y las características del suelo también afectan la agricultura aunque no siempre favorablemente.

> "La pendiente del suelo influye pues en tierras llanas, el suelo retiene mejor la humedad que en tierras pendiente. Otro factor a considerarse es el carácter físico del suelo.
>
> Un suelo arenoso o pedregoso resulta muy permeable y es mucho más seco que un suelo

arcilloso, aunque los dos reciban la misma cantidad de lluvia."
(Ibid, 1980)

HIDROLOGIA

Los recursos de agua fresca en y la vecindad donde se planifica el proyecto se limitan a escorrentías. El sector y los alrededores están tan urbanizados que han eliminado todo vestigio de quebradas.

FLORA

La flora en el predio que será desarrollado es esencialmente vegetación natural, gramíneas, enredaderas, arbustos y algunos árboles de crecimiento reciente. La flora propiamente en algunas áreas es muy tupida de arbustos.

FAUNA

La fauna en la vecindad se compone esencialmente de algunas aves que se dedican a comer semillas de plantas silvestres. Los alrededores están muy urbanizados. Aunque es muy raro, pudimos observar guaraguaos en la vecindad.

Descripción del Proyecto: CARIDAD DEL COBRE

El proyecto planificado estará localizado en un predio de terreno que tiene una extensión de 8.68 cuerdas.

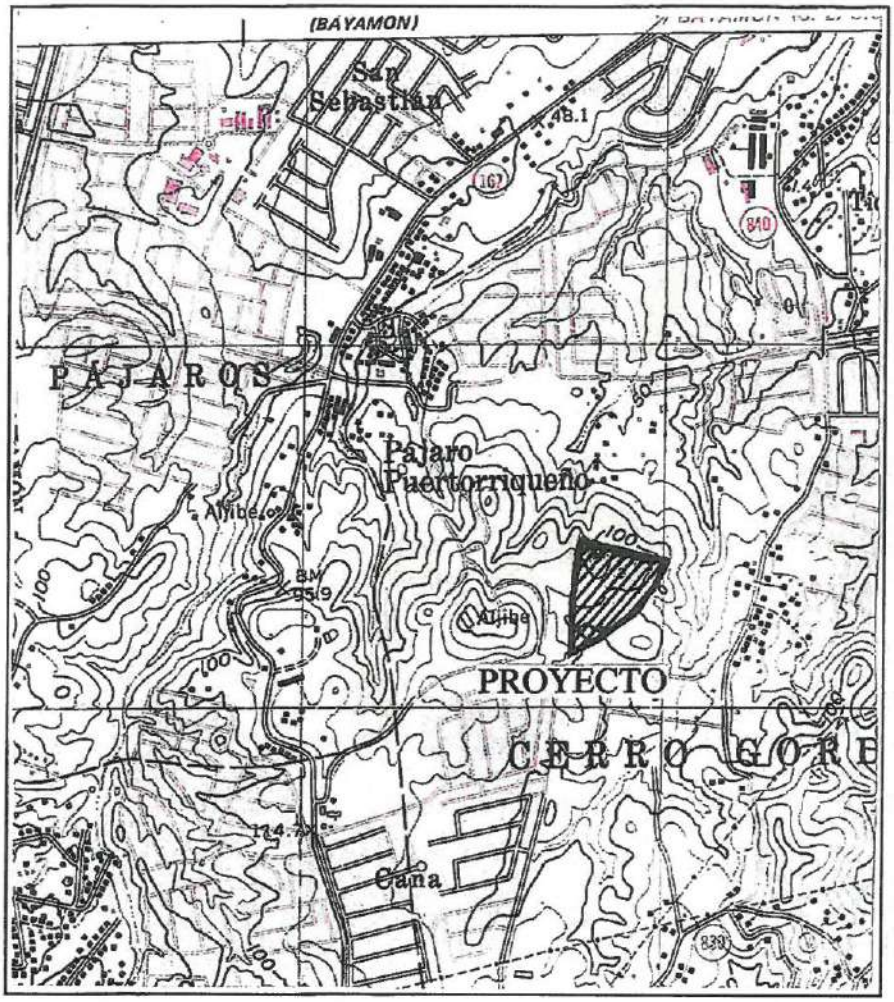
Se propone el desarrollo de un proyecto residencial multifamiliar tipo "walk-ups" con cuatro edificios; el mismo tendrá áreas verdes, facilidades recreativas comunales, estacionamientos, acceso controlado y toda la infraestructura necesaria.

Este proyecto por su localización estará distante del centro urbano de Bayamón, apartado de la congestión vehicular de esas zonas tradicionales, pero cerca de centros de primera enseñanza, facilidades hospitalarias, centros de comercios y con adecuadas vías de acceso.

El desarrollo propuesto permitirá a los residentes estar en un medio ambiente tranquilo.

El proyecto programado será adaptado a la topografía del predio, los movimientos de terrenos serán mínimos.

Durante la construcción del proyecto residencial se crearán empleos directos e indirectos que beneficiarán a la región en general.



Localización del predio en el cuadrángulo del U.S.G.S.
Escala 1: 20,000

ESTUDIO FASE 1-A

Esta es la primera parte de una evaluación arqueológica; consiste esencialmente de una investigación documental para localizar información relacionada a sectores con antecedentes precolombinos o históricos.

La investigación documental hace posible un examen de los listados de sitios conocidos en los archivos del Consejo para la Protección del Patrimonio Terrestre de Puerto Rico y de la Oficina Estatal de Preservación Histórica. La información en los archivos de algunas Agencias de Gobierno es de extrema utilidad, así también como el personal especializado de éstas. Se revisan las evaluaciones realizadas por arqueólogos e investigadores afines. Los escritos de historiadores complementan la búsqueda documental. En ocasiones los residentes de la vecindad facilitan información sobre hallazgos previos en o cerca del área bajo estudio.

Una vez analizada la información documental, la misma se utiliza como referencia en el desarrollo de la estrategia del trabajo de campo de la **Fase 1-B**.

> "A systematic survey is the logical start to the archaeological investigation of a given region. It attempts to locate as many of the area site as possible to assess their nature and importance through surface examination and collection of associated artifacts."
> (Heitzer, 1968)

En el estudio de la **Fase 1-A**, se hace un rastreo/inspección de la superficie de los terrenos que serán intervenidos y de los alrededores inmediatos; en algunas ocasiones la vegetación es un obstáculo para el examen de la superficie.

PREHISTORIA DE BAYAMON: Estudios Previos

La prehistoria de Bayamón es muy poco conocida y apenas hay data por la falta de estudios arqueológicos. La comarca estuvo muy relacionada con los primeros años de la colonización de la Isla; la fundación de Caparra en la vecindad inmediata necesariamente utilizó el recurso indígena de la región para su establecimiento y en cierta medida para su sostenimiento.

> ....."y ansi nos llevaron por todo el camino hasta que llegamos a la bahía adonde esta agora el pueblo prinsipal de la ysla San Juan y se holgavan todos los caciques e yndios con el dicho Juan gonzales ponce de león y vista y sondada la bahia y puerto se tornaron por el mismo camino que havian ydo y vido este testigo como estava muy poblado de pueblos y muchos indios.
>
> Y vido este testigo como el dicho capitan dixo al dicho Juan gonzales ponce de león que hablase a todos aquellos caciques y señores que mandas en venir alli muchos yndios para que hiziesen el pueblo y las casas a los cristianos porque querya allí poblar."
> (Probanza de Juan González, Aurelio, Tío, 1961)

A pesar que las fuentes históricas son claras cuando se refieren al uso del recurso indígena de la comarca para el establecimiento del poblado de Caparra, no se menciona ningún cacique indígena con el nombre actual del municipio de Bayamón.

> "El territorio que ocupa el actual municipio de Bayamón formaba parte de uno de los yucayeques Tainos de la Isla de Borinquen.
>
> El nombre de Bayamón aunque se desconoce su verdadero origen en posible que fuese el nombre de un Cacique que no haya podido determinarse.

> El Dr. Cayetano Coll y Toste considera a Bayamón como el asiento del Cacique Majagua." (Rodríguez, 1985)

Aunque la información de los primeros cronistas de Indias resalta la presencia indígena en la región durante la colonización española, apenas se conocen sitios con evidencia de material precolombina. Las referencias más recientes al respecto son del hallazgo fortuito de objetos durante labores agrícolas o de construcción. En ese aspecto hay que destacar la extraordinaria colección de Don Roberto Jungham en la cual éste dejo evidencia escrita de la adquisición de objetos indígenas de varios Barrios de Bayamón.

El hecho de que solo se conozcan solamente un puñado de sitios indígenas dentro de los límites territoriales actuales del municipio de Bayamón se debe a dos causas principales el desenfrenado crecimiento urbano y la poca atracción que tuvo la región para los investigadores. Sobre éste asunto el arqueólogo Jaime Vélez escribe lo siguiente:

> "Es probable que el Municipio de Bayamón sea el más pobre de Puerto Rico en cuanto a la presencia registrada de yacimientos arqueológicos aborígenes. Esta bajísima frecuencia esta relacionada sin duda con el acelerado crecimiento urbano acaecido en la zona en las últimas décadas, así como la falta total de investigaciones arqueológicas en la región." (Vélez, 1990)

Es muy posible que en el futuro las investigaciones que generen la arqueología por contrato sean portadores de data sobre el poblamiento indígena de la región, especialmente en aquellos barrios donde todavía los desarrollos de proyectos de construcción de viviendas y/o comerciales están limitados.

Recientemente el arqueólogo Jesús Figueroa logró identificar un sitio con remanentes indígena durante una investigación de arqueología por contrato en el Barrio Juan Sánchez.

> "El sitio se puede ubicar cronológicamente entre el 1,300 y el año de 1,500 D.C. y culturalmente se asocia a los últimos grupos indígenas de Puerto Rico. Por la decoración surge la tendencia a nombrarlo como Estilo Capá, pero nosotros lo hallamos diferente y por tal razón no lo asociaremos a ningún estilo particular, pero si lo ubicamos cronológicamente."
> (Figueroa, 1992)

No es posible, ante la ausencia de datos, postular la cronología del desarrollo precolombino dentro de los límites actuales del municipio de Bayamón; por supuesto la presencia de grupos Tainos asociados a los años iniciales de la colonización española está bien documentada en las fuentes históricas.

SITIOS REPORTADOS Y/O REGISTRADOS

1.	Cueva	--------	Barrio Santolaya	-----	Taino
2.	Cueva	--------	Barrio Juan Sánchez	-----	Taino
3.	Sitio	--------	Barrio Juan Sánchez	-----	Taino

SITIOS HISTORICOS CONOCIDOS

1. Torre molino de Viento – Hacienda Santa Ana
2. Antigua Casa Alcaldía
3. Cementerio Nacional
4. Casa Natal del Dr. José Celso Barbosa
5. Iglesia de Santa Cruz
6. Edificio de la Farmacia Serra
7. Puente Marqués de la Serna
8. Puente Plata

INFORMES DE EVALUACIONES DE RECURSOS CULTURALES LEIDOS

Evaluación de Recurso Culturales – Fase 1A-1B
Proyecto Periferal Norte
1994 – Virginia Rivera – Negativo

Estudio Arqueológico – Fase 1A
Viviendas de Interés Social
1989 – Jaime Vélez – Negativo

Estudio Arqueológico – Fase 1A-1B
Colinas del Fresno
1990 – Jaime Vélez – Negativo

Evaluación de Recurso Culturales – Fase 1A-1B
Urbanización Industrial Febus
Barrio Hato Tejas
2004 – Hernán Ortiz Montañez – Positivo, recomendó estudios adicionales.

Estudio Arqueológico – Fase 1A
Centro Distribución Goya
Barrio Juan Sánchez
2001 – Miguel Rodríguez – Negativo

Evaluación Arqueológico – Fase 1A
Plaza Tropical
Barrio Cerro Gordo
2002 – Jaime Vélez – Negativo

Evaluación Arqueológico – Fase 1B
Comercial Bayamón Paradise
Barrio Pájaros
2002 – Marisol Rodríguez Garayalde – Negativo

Evaluación de Recurso Culturales – Fase 1A
Extracción de Corteza Terrestre
Barrio Hato Tejas
2002 – Roberto Martínez – Negativo

Evaluación de Recurso Culturales – Fase 1A-1B
Rexville Court Plaza
2002 – José Rivera Meléndez – Negativo

Evaluación Arqueológico – Fase 1A-1B
Pájaros Shopping Center
Barrio Pájaros
2000 – Eduardo Questell – Negativo

Evaluación de Recurso Arqueológicos – Fase 1A-1B
Proyecto Carretera PR-2
Sector Caridad
2000 – Virginia Rivera et-al – Negativo

Evaluación Arqueológico – Fase 1A
Primavera Condominio
Barrio Hato Tejas
1999 – Jaime Vélez – Negativo

Estudio Arqueológico – Fase 1A-1B
Villas del Caribe
Barrio Pájaros
1999 – Miguel Rodríguez – Negativo

Informe De Recursos Culturales – Fase 1B
Chalets de Riverview
Barrio Cerro Gordo
2005 – Harry Alemán - Negativo

NOTAS SOBRE LA HISTORIA DE BAYAMON

Los alrededores de la ciudad de Bayamón están muy relacionados con los primeros años de la colonización de Puerto Rico. Uno de los primeros asentamiento españoles de esa época lo fue el poblado de Caparra, el mismo estuvo localizado a una distancia relativamente cercana al actual centro urbano de esta población norteña.

> "Caparra survived for twelve years as the capital of the island of San Juan. It served as the administrative center of the island and had jurisdiction over small but widespread rural population.
>
> .....the area comprising the Manatuabón, Sibuco, Toa, Bayamón and Loiza rivers formed part of the jurisdiction of Caparra."
> (Anderson, 1982)

Para el año de 1500 se descubre oro en los ríos de esta comarca y comienza una actividad minera muy intensa que fue de poca duración pues los placeres auríferos se agotaron rápidamente. Como alternativa a la pasada actividad minera, los habitantes de la región se dedican al cultivo de la tierra. Los terrenos eran muy fértiles y había abundancia de recursos de agua fresca. En las riberas del río Bayamón se establecieron varias haciendas.

> "Algunos vecinos de Caparra se dedicaron al fomento de conucos en las cercanías del río Bayamón. Para el año de 1545 existían allí varias haciendas. La de Don Gregorio de Santa Olaya fue la primera en utilizar las aguas del río para mover un trapiche destinado a la fabricación de azúcar."
> (Villar, 1976)

Para el siglo XVI la agricultura intensiva y la crianza de ganado eran la base de la economía local, en la comarca cercana al río Bayamón se

mantenían haciendas muy antiguas, algunas de las cuales tenían en esa temprana época una complicada infraestructura.

> "El ingenio de la Santa Cruz contaba con tres grandes pailas, tachos, espumadoras, canales para recibir el melao, timajas, barriles, talegas de lienzo para el azúcar y una respetable cantidad de herramientas para la carpintería y la herrería."
> (Gil Bermejo, 1970)

La hacienda/ingenio Santa Cruz era de gran tamaño y con una gran cantidad de trabajadores, su importancia era tal, que una de sus facilidades era un iglesia Católica. Para fines del 1700 los vecinos y trabajadores deciden relocalizar la Iglesia a un sitio más seguro de manera que ésta quedara protegida de los desbordamientos del río Bayamón. El lugar escogido se llamaba El Alto del Embarcadero. Hacia el nuevo sitio fueron llegando nuevos labradores y muy pronto se formó un pequeño núcleo urbano; la vecindad rápidamente entró en franco progreso.

> "Este es uno de los partidos con más labradores de la Isla. En sus terrenos se producen todos los frutos sin excepción alguna y pueden asegurarse que no esta lejos de la época que su prosperidad llegue al mayor incremento, viéndose todas sus tierras en labor."
> (Córdova, 1831)

Por muchos años la base económica de éste municipio fue la agricultura y la ganadería. En la década del 1950 la Isla comienza una transformación social y económica y se reorientan las bases de sus ingresos. En Bayamón esa reorientación tiene una gran impacto, se establecen numerosas fábricas de la manufactura, industrias de alta tecnología, farmacéuticas, que en conjunto transforman la región. En la actualidad su

expansión urbana es una de las mayores de la Isla, Bayamón es pues hoy en día uno de los municipios de mayor progreso y mayor riqueza per capita.

La extensión territorial del Municipio la componen los siguientes barrios: Hato Tejas, Juan Sánchez, Pájaros, Minillas, Cerro Gordo, Buena Vista, Santa Olaya, Guaraguao Abajo, Dajaos, Nuevo y Guaraguao Arriba.

En el desarrollo cultural y deportivo, en esta municipalidad han nacido personas muy notables que han hecho contribuciones muy importantes, algunos de los cuales son: Agustín Stahl, Manrique Cabrera, Virgilio Dávila, Gonzalo Nuñez, Braulio Dueño Colón, Isabel Gutiérrez del Arroyo, José Celso Barbosa y el conocidísimo Don Encarnación Rossy Montañez, llamado el Tabacalero Ilustrado. En los deportes, los señores José (Pepin) Cestero y Onofre Caballeira fueron respectivamente muy destacados.

Hemos resaltado algunos momentos de la fecunda historia de la progresista ciudad de Bayamón, sin embargo hacer una detallada historia del mismo está más allá de los alcances de éste estudio. La historia del antiguo municipio de Bayamón es parte vital de la historia del verdadero Puerto Rico.

RASTREO/INSPECCION DE TERRENOS

Los terrenos objetos de estudio están muy cubiertos de gramíneas, arbustos y vegetación variada. En algunos sectores la vegetación es muy densa.

Conforme a la situación descrita, pues se conformaron unas brechas logradas con machetes, tal labor presentó algunas dificultades por la densa vegetación de algunas partes. Las brechas se hicieron en zig-zag por donde el Arqueólogo y sus ayudantes llevaron a cabo el rastreo/inspección.

En varios sectores hay unas aglomeraciones de escombros y rocas que están camuflajeados por la densa vegetación. También remanentes de materiales de construcción. El rastreo/inspección fue una labor extenuante (poco efectiva por la vegetación misma), pero con paciencia y cuidado se lograron los objetivos. No se pudo constar la existencia de remanentes materiales culturales sobre la superficie de los terrenos.

El rastreo/inspección fue realizado en días alternos de las últimas dos semanas del mes de noviembre.

PATRON DE USO DE LOS TERRENOS

La información conocida sobre el patrón de uso de los terrenos que serán desarrollados señala que éstos fueron parte de una finca mayor en donde hubo actividades ganaderas, se cultivaron frutos menores y caña de azúcar. La caña se procesaba en la Central Santa Juanita de Bayamón, la cual cerró operaciones en el año de 1963 (información personal de Don Cayetano Rodríguez, cuyo padre se crió y trabajó en la referida central). Para la época en que cierra la central, la industria azucarera en Puerto Rico

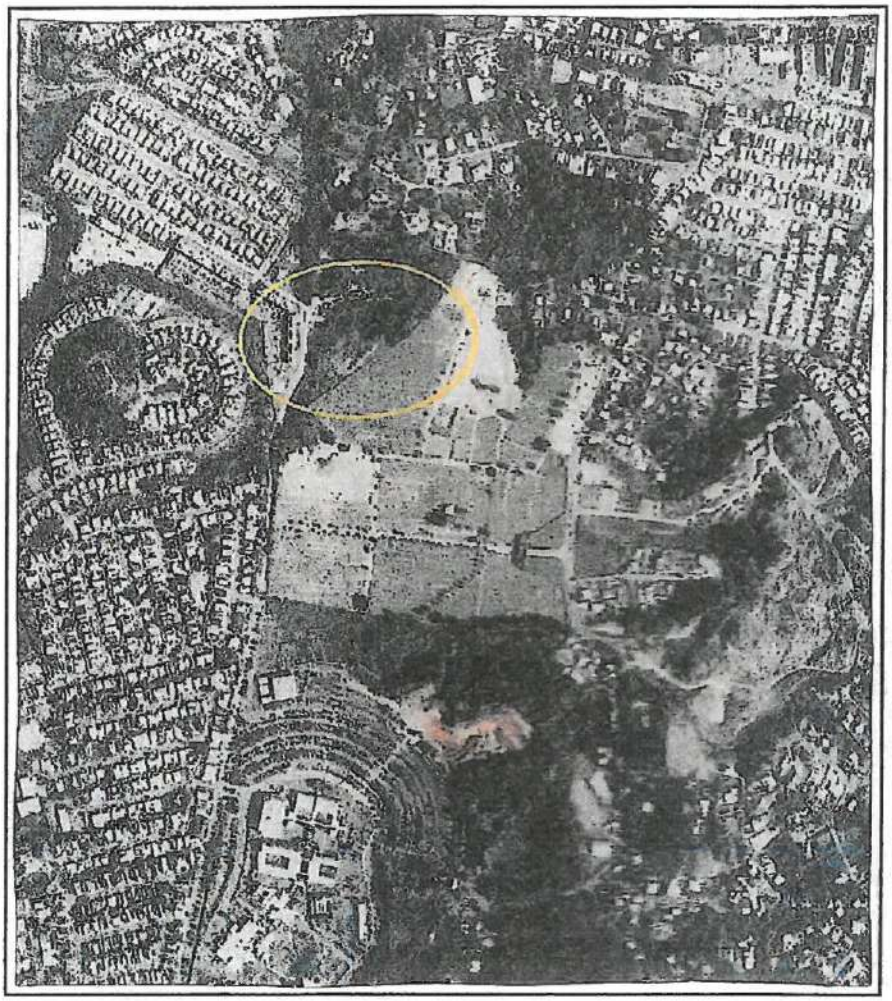
estaba en ruta a su desaparición y los terrenos dedicados a los cultivos de la caña de azúcar se comenzaron a dedicar a otros usos y a otros fines.

A fines de la década del 1960 comenzó en la municipalidad de Bayamón un explosivo desarrollo urbano y la finca en cuestión fue segregada y utilizada en proyectos residenciales, comerciales, institucionales y de infraestructura. El área bajo estudio es el único predio de la finca original que no ha sido desarrollado; éste se describe de la siguiente manera:

> "RUSTICA: Finca radicada en el Barrio Cerro Gordo del término municipal de Bayamón, compuesta 34,141.4137 metros cuadrados, éstos equivalentes a ocho punto seis mil ochocientos sesenta y cinco diezmilésimas de cuerda (8.6865 cdas.) En lindes por el Norte con terrenos propiedad de Rafael Ithier y Manuel Reyes; por el Sur y el Este con el cementerio Los Cipreses; por el Este con la servidumbre propuesta de la calle principal Caridad del Cobre."
> (Plano de Inscripción, parcela B)

El predio ha estado sin uso desde hace unos años, por lo que vegetación lo cubre por doquier. Personas inescrupulosas arrojan basura furtivamente en los alrededores.

El predio y sus alrededores en el año de 1937.
Foto de la Autoridad de Carreteras
Escala 1: 18,000



El predio y sus alrededores en el año de 2005.
Foto de la Autoridad de Carreteras
Escala 1: 20,000

SENSITIVIDAD ARQUEOLÓGICA

Se revisaron varios informes de arqueólogos que hicieron investigaciones en el Barrio donde ubica el proyecto (Marisol Rodríguez Garayalde y Miguel Rodríguez), los mismos fueron **negativos** en lo relativo a la presencia de remanentes culturales de orígenes precolombinos o históricos. El que suscribe este informe también llevó a cabo investigaciones de arqueología por contrato en el Barrio, éstas resultaron **negativas** de remanentes culturales asociados a etnias precolombinas.

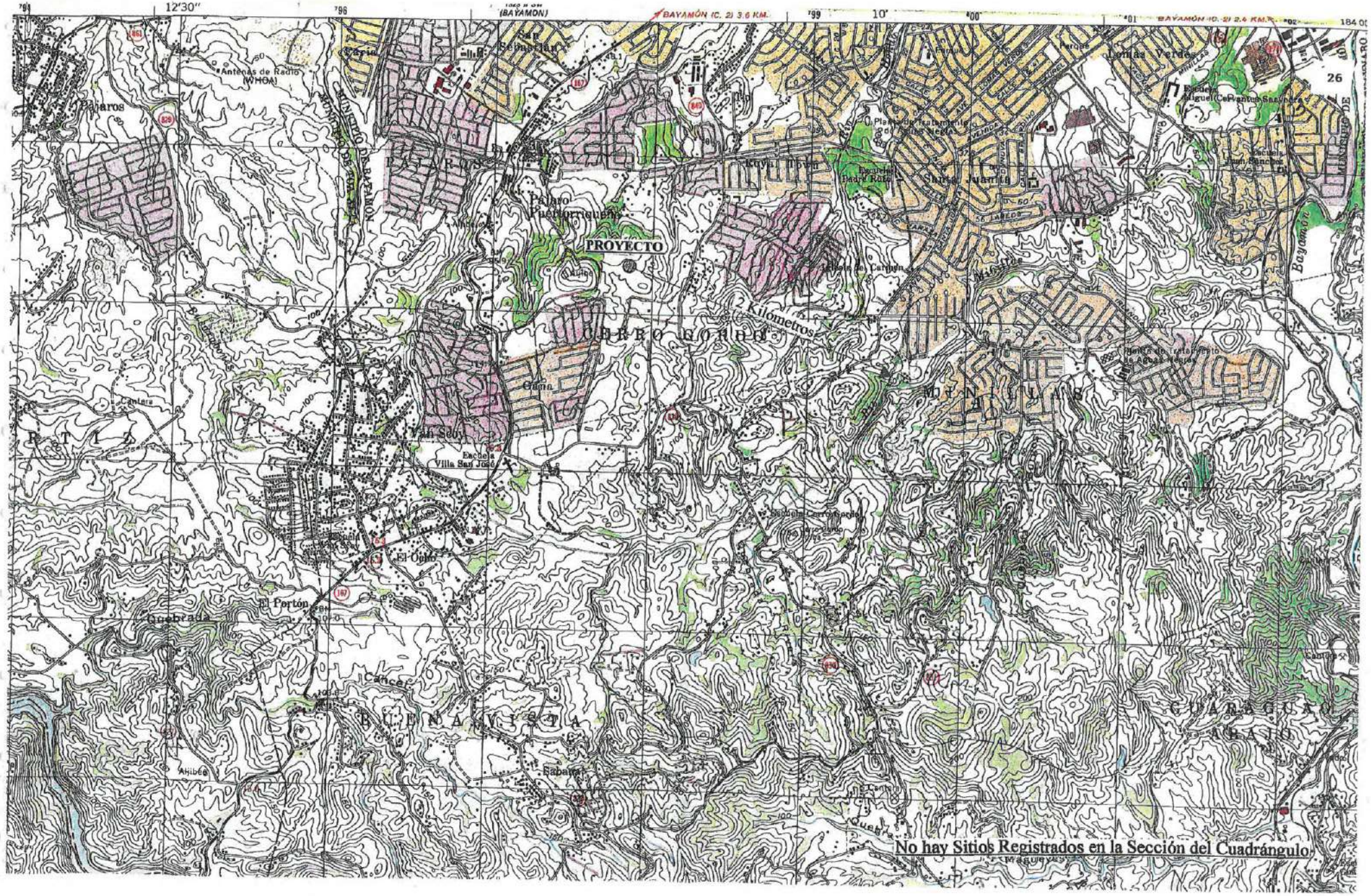
Las consultas con personas que llevan años residiendo en la vecindad, señalan que "si habían reliquias por aquí, ya no están, búscalas bajo el cemento."

Según se desprende de los sitios registrados en los cuadrángulos que están archivados en las planeras localizadas en la Oficina Estatal de Preservación Histórica y del Consejo de Arqueología Terrestre, los sitios arqueológicos más cercanos están a distancias mayores de 3 kilómetros del desarrollo propuesto.

Entendemos que por las características de medio ambiente del sector y el intenso desarrollo urbano, el área bajo estudio es de baja sensitividad arqueológica.

Se debe de entender que porque en un Barrio estén ubicados sitios con materiales precolombinos/históricos, no todos los sectores y/o predios de terrenos del mismo son propensos a tener remanentes culturales.

En el listado del Registro Nacional de Lugares Históricos aparecen unas estructuras que están ubicadas dentro de los límites territoriales de la municipalidad de **Bayamón**, las mismas están algo distante del área que fue objeto de estudio.


PROYECTO
Pájaros
Antenas de Radio (WHOA)
Pájaro Puertorriqueño
Cerro Gordo
Gama
Villa Sevy
Escuela Villa San José
El Ocho
El Porton
Quebrada
Cañas
Sabana
Lomas Verdes
Santa Juanita
Bayamón
2 Kilometros
12'30"
10'
(BAYAMON)
BAYAMÓN (C. 2) 3.6 KM.
BAYAMÓN (C. 2) 2.4 KM.
No hay Sitios Registrados en la Sección del Cuadrángulo.

RESUMEN DE LA INVESTIGACIÓN DOCUMENTAL

Se revisaron escritos de historiadores y varios informes de arqueólogos que hicieron investigaciones en el Barrio y Barrios colindantes con la zona bajo estudio; en adición se hicieron consultas con personas que conocen el sector, éstos informaron de la **no** existencia de sitios en el barrio en donde se planifica la ubicación del propuesto proyecto. Se leyeron y analizaron las evaluaciones de recursos culturales realizadas para terrenos localizados en el barrio Cerro Gordo de **Bayamón.** De los informes leídos solo obtuvimos información de los sitios ya conocidos que están ubicados dentro de la jurisdicción de la municipalidad.

Se examinaron los expedientes con información relacionada a la prehistoria/historia de Puerto Rico que están localizados en los archivos de la Oficina del Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico y la Oficina Estatal de Preservación Histórica, en los mismos **no** aparecen formularios para sitios precolombinos localizados en y/o las cercanías inmediatas a las colindancias de los terrenos que serán intervenidos.

En el listado del Registro Nacional de Lugares Históricos aparecen inscritas unas estructuras del municipio de **Bayamón.**

SÍNTESIS DE LA FASE 1-A

1. En la literatura existente referente a sitios arqueológicos que fue revisada, **no** hay información sobre la existencia de sitios (que estén registrados) en/o los alrededores inmediatos de las colindancias de los terrenos que serán intervenidos.

2. En los listados del Consejo para la Protección del Patrimonio Arqueológico de Puerto Rico y la Oficina Estatal de Preservación Histórica **no** hay sitios registrados que estén ubicados en sectores inmediatos a las colindancias.

3. La tradición oral es clara en cuanto a que **no** se conocen sitios de origen indígena, **no** hay información sobre el hallazgo de objetos de orígenes precolombinos en sectores inmediatos al predio que será intervenido.

4. Se hizo un rastreo/inspección del sector. Se pudo constar la **no** presencia de materiales culturales precolombinos y/o históricos.

5. En el listado de propiedades de Puerto Rico incluidas en el Registro Nacional de Lugares Históricos hay unas estructuras localizadas dentro de los límites de la municipalidad de **Bayamón**, las mismas distantes del área a ser intervenida.

ESTUDIO FASE 1B

El estudio Fase 1B consiste de una investigación de campo en donde se determina la existencia o ausencia de materiales culturales en la superficie o el subsuelo de un área a ser intervenida. De acuerdo a la peculiaridad de los terrenos se hacen unas sondas de pruebas con palas de mano.

> "Subsurface testing is the major component of this level of survey and is required unless the presence or absence of resources can be determined by direct observation or by examination of specific documented references." (King, 1978)

Los terrenos que serán intervenidos son algo irregulares, con una pendiente moderada hacia el Noroeste.

Los terrenos del sector fueron parte de una finca mayor que estuvo dedicada al cultivo de hortalizas y la siembra de caña de azúcar.

A fines de la década del 1950 la industria de la producción de azúcar en la Isla comenzó a experimentar un descenso paulatino. En ese mismo periodo Puerto Rico estaba pasando por una radical transformación social/económica. Se reorientó el rumbo de la economía del país y grandes extensiones de terrenos se dedicaron a otros usos y a otros tipos de cultivos. En la región donde está localizado el área bajo estudio, se mantuvo el cultivo de la caña de azúcar hasta la década del 1960.

Para las décadas del 1960-70 la finca principal comenzó a ser segregada y se desarrollaron algunos proyectos comerciales, institucionales, residenciales y de infraestructura; en la actualidad continúan las construcciones en el sector.

ESTRATEGIA DEL ESTUDIO DE CAMPO

Una vez analizada la información documental, la misma se utiliza como referencia en el desarrollo de la estrategia de la fase de investigación que prosigue.

Ponderando el historial de uso de los terrenos, considerando la naturaleza de los mismos y a pesar de que **no** hay recursos culturales en la vecindad pues decidimos excavar sondas de prueba, para así constar la ausencia o presencia de remanentes materiales precolombinos o históricos.

Aunque el predio es relativamente pequeño, se establecieron unos transectos, separados por una distancia igual o menor a los 25 metros. Se excavaron manualmente sondas de prueba a lo largo de los transectos, éstas separadas a igual separación que los transectos.

El suelo obtenido de la excavación de las sondas se procesó por un cernidor con malla de 1/4 de pulgada.

Las sondas se excavaron forma manual utilizando los procedimientos tradicionales al utilizar la pala de doble hoja y la coa de metal; el diámetro de las sondas fue de treinta (30) centímetros.

Se excavó por estratas naturales pues se facilita la localización de remanentes culturales y posibles alteraciones del subsuelo.

Los hallazgos, cambios en la superficie, variaciones de suelos, color, etc. fueron anotados en un cuaderno con la profundidad mínima alcanzada. La anotación de colores se determinó utilizando para ello el manual "Munsell Soil Color".

Tan pronto era terminada la excavación de la sonda, se localizaban en el plano de planta y se rellenaba con el mismo material removido.

Según se puede apreciar en el plano del predio las sondas excavadas fueron distribuidas con uniformidad en los lugares más indicados del predio.

RESULTADOS DE LAS SONDAS DE PRUEBAS

Número de Sonda	Profundidad	Resultados	Observaciones
#1	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 7.5 YR 5/8
#2	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 7.5 YR 5/8
#3	0.70 mts.	Negativo	0.00 – 0.29 Arcilla 7.5 YR 3/2 0.29 – 0.70 Arcilla 7.5 YR 5/8
#4	0.70 mts.	Negativo	0.00 – 0.34 Suelo alterado 0.34 – 0.70 Arcilla 7.5 YR 5/8
#5	0.64 mts.	Negativo	0.00 – 0.31 Suelo alterado 0.31 – 0.64 Arcilla 7.5 YR 5/8
#6	0.64 mts.	Negativo	0.00 – 0.23 Suelo alterado 0.23 – 0.64 Arcilla 7.5 YR 5/8
#7	0.64 mts.	Negativo	0.00 – 0.25 Suelo alterado 0.25 – 0.64 Arcilla 7.5 YR 5/8
#8	0.70 mts.	Negativo	0.00 – 0.21 Suelo alterado 0.21 – 0.70 Arcilla 7.5 YR 5/8
#9	0.60 mts.	Negativo	0.00 – 0.23 Suelo alterado 0.23 – 0.60 Arcilla 7.5 YR 5/8
#10	0.64 mts.	Negativo	0.00 – 0.29 Suelo alterado 0.29 – 0.64 Arcilla 10 YR 5/8
#11	0.64 mts.	Negativo	0.00 – 0.26 Suelo alterado 0.26 – 0.64 Arcilla 10 YR 5/8
#12	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 10 YR 5/8
#13	0.64 mts.	Negativo	0.00 – 0.64 Arcilla 10 YR 5/8
#14	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 7.5 YR 5/8
#15	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 7.5 YR 5/8
#16	0.64 mts.	Negativo	0.00 – 0.31 Suelo alterado 0.31 – 0.64 Arcilla 7.5 YR 5/8
#17	0.64 mts.	Negativo	0.00 – 0.33 Suelo alterado 0.33 – 0.64 Arcilla 7.5 YR 5/8
#18	0.60 mts.	Negativo	0.00 – 0.60 Arcilla 7.5 YR 5/8

#19	0.63 mts.	Negativo	0.00 – 0.18 Suelo alterado 0.18 – 0.63 Arcilla 7.5 YR 5/8
#20	0.60 mts.	Negativo	0.00 – 0.16 Arcilla 7.5 YR 3/2 0.16 – 0.60 Arcilla 7.5 YR 5/8
#21	0.70 mts.	Negativo	0.00 – 0.41 Suelo alterado 0.41 – 0.70 Arcilla 7.5 YR 5/8
#22	0.60 mts.	Negativo	0.00 – 0.19 Suelo alterado 0.19 – 0.60 Arcilla 7.5 YR 5/8
#23	0.60 mts.	Negativo	0.00 – 0.24 Suelo alterado 0.24 – 0.60 Arcilla 7.5YR 5/8

RESUMEN DE LOS RESULTADOS

Para ésta evaluación arqueológica, en lo que respecta a la consulta de fuentes documentales, no se localizó información que indicara la existencia de sitios en o los alrededores del predio.

Como parte de los trabajos de campo se rastreó/inspeccionó la superficie de los terrenos del propuesto proyecto hasta donde las condiciones del medio ambiente lo permitieron. Se pudo constar la **no** presencia de remanentes culturales.

Se excavaron manualmente veintitrés (23) sondas de prueba; las mismas fueron completamente estériles de materiales arqueológicos precolombinos o de naturaleza histórica.

La estratigrafía típica que se pudo determinar de los terrenos es la siguiente: una discreta estrata de suelos alterados bajo la cual hay una gruesa estrata de suelos arcillosos que tienen color rojo-ladrillo. La estrata arcillosa tiene algún agregado.

Los resultados obtenidos respecto a la estratigrafía de los suelos comparan parcialmente con lo que informa el U.S. Soil Conservation Service pertinente a los suelos de la serie que se encuentra en los terrenos que son parte del predio que será desarrollado.

En algunas áreas del predio que están cerca de terrenos privados desarrollados, se han depositado remanentes de materiales de construcción que la vegetación silvestre los cubre.

La estratigrafía de los terrenos refleja su naturaleza, el origen de los mismos y en gran medida los efectos directos de las actividades de construcción de proyectos colindantes.

CONCLUSIÓN

En la investigación documental sobre los terrenos que serán intervenidos, **no** se encontró información sobre la existencia de sitios en los mismos.

En la inspección/rastreo de los terrenos no se pudo constar la presencia de remanentes de origen precolombino o histórico.

Las sondas de prueba excavadas fueron completamente estériles en lo que respecta a la presencia de remanentes culturales precolombinos o históricos.

La evidencia negativa fue conclusiva.

RECOMENDACIONES

Recomendamos que las Agencias de Gobierno correspondientes endosen el proyecto según lo han programado sus proponentes.

No recomendamos más estudios para los terrenos que serán desarrollados.

Queremos enfatizar que los desarrolladores deberán de ejercer cautela cuando se hacen los movimientos iniciales de terrenos, de aparecer remanentes culturales en el subsuelo, los Proponentes detendrán los trabajos de campo y se comunicarán con la Agencia indicada y el Arqueólogo para determinar la acción a seguir.

BIBLIOGRAFÍA

Abbad y Lasierra, Fray Iñigo. Historia Geográfica y Natural de la Isla de San Juan Bautista de Puerto Rico. Imprenta y Librería Acosta. San Juan. 1866.

Anderson Cordova, Karen. The Town of Caparra. Cultural Resources Survey of Fort Buchanan Military Reservations. Fundación Arqueológica, Histórica y Arqueológica. San Juan. 1982.

Binford, Lewis R. In Pursuit of the Past. Decoding the Archaeological Record. Traducción Castellana; Editorial Crítica de Barcelona. 1988.

Boccheciamp, Rafael A. Soil Survey of the San Juan Area of Puerto Rico. U.S. Soil Conservation Service; Washington. 1978.

Carbone, Victor. An Outline of Puerto Rican Archaeology. S/E; Alabama, 1982.

Diéz Trigo, Sarah. Pueblos de Puerto Rico; La Biblioteca, Inc. Río Piedras. 1988.

Dumont, Enrique. Investigaciones Acerca de las Antigüedades de la Isla de Puerto Rico; S/E. La Habana. 1876.

Figueroa Lugo, Jesús. Edificio Industrial. Fase II y Fase III Barrio Juan Sánchez. Bayamón. 1992.

González Colón, Juan. Inventario de Yacimientos Arqueológicos; Instituto de Cultura Puertorriqueña. San Juan, 1979.

Evaluación de Recursos Culturales. Fase 1A-1B. Chalets de Royal Palm. Bayamón. 1999.

Heitzer, Robert F. The Archaeologist at Work. Harper & Row. New York. 1968.

King, Thomas F. The Archaeological Survey: Methods and Uses. The Heritage Conservation and Recreation Service. U.S. Department of the Interior. Washington. 1978.

Marull, José A. Propiedades de Puerto Rico Incluidas en el Registro Nacional de Lugares Históricos. Oficina Estatal de Preservación Histórica. San Juan. 1997.

Picó, Rafael. Geografía de Puerto Rico; La Gran Enciclopedia de Puerto Rico, vol. 13 - C. Corredera, Madrid. 1980.

Registro de la Propiedad de Bayamón. Sección I Bayamón Sur.

Rouse, Irving B. Puerto Rican Prehistory: Introduction; Excavations in the Interior, South and East: Scientific Survey of Puerto Rico and the Virgin Islands; The New York Academy of Science vol. XVIII, Part 3, New York. 1952.

The Tainos, Rise and Decline of the People Who Greeted Columbus. Yale University Press. New Haven. 1992.

Tió, Aurelio. Nuevas Fuentes para la Historia de Puerto Rico. Ediciones de la Universidad Interamericana. San Germán. 1961.

Vélez, Jaime. Evaluación Arqueológica. Escuela S.U. Santa Olaya Fase 1A-1B. Barrio Santa Olaya. Bayamón. 1990.

Villar Roces, Mario. Los Municipios de Puerto Rico. La Gran Enciclopedia de Puerto Rico; vol. 13, C. Corredera, Madrid. 1980.

Watson, Patty Jo, et-al. El Método Científico en la Arqueología; Editorial Alianza, Madrid. 1980.

Foto #1 Vista parcial del predio.

Foto #2 Vista parcial del predio.

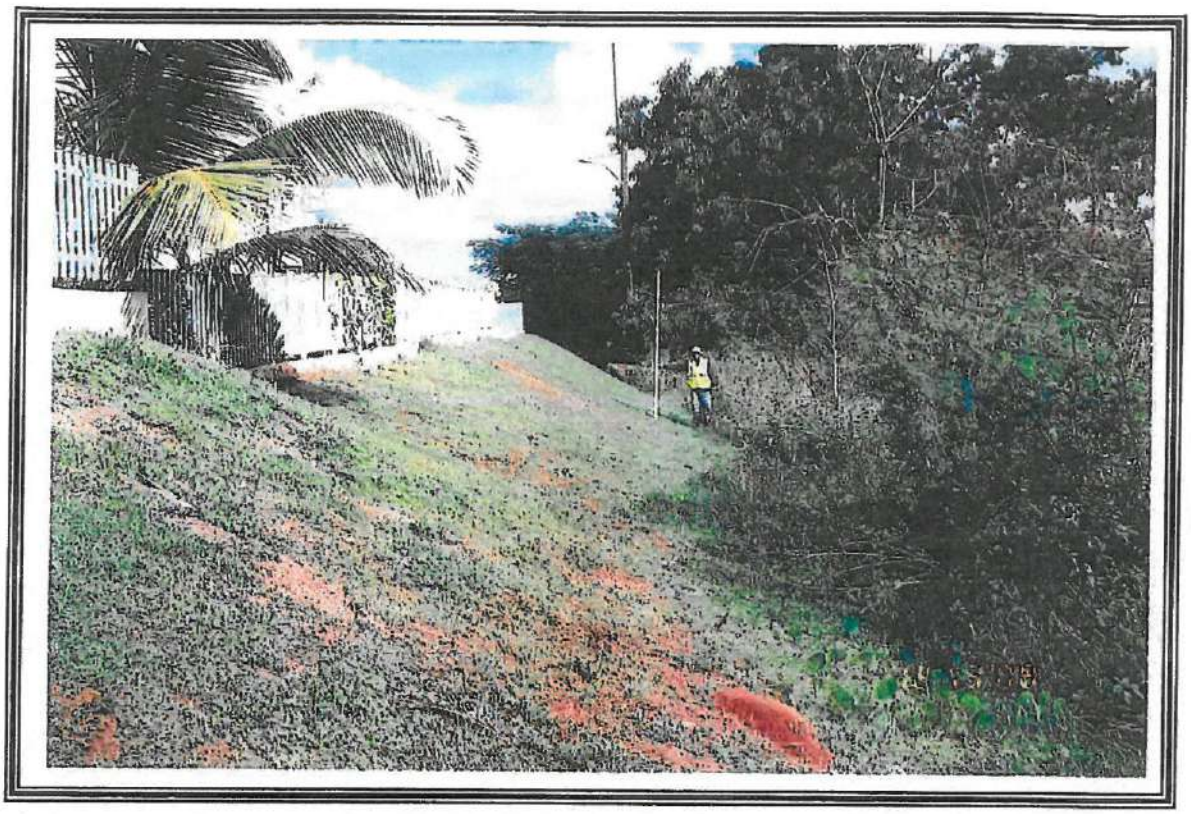


Foto #3 Parte de la colindancia Oeste.

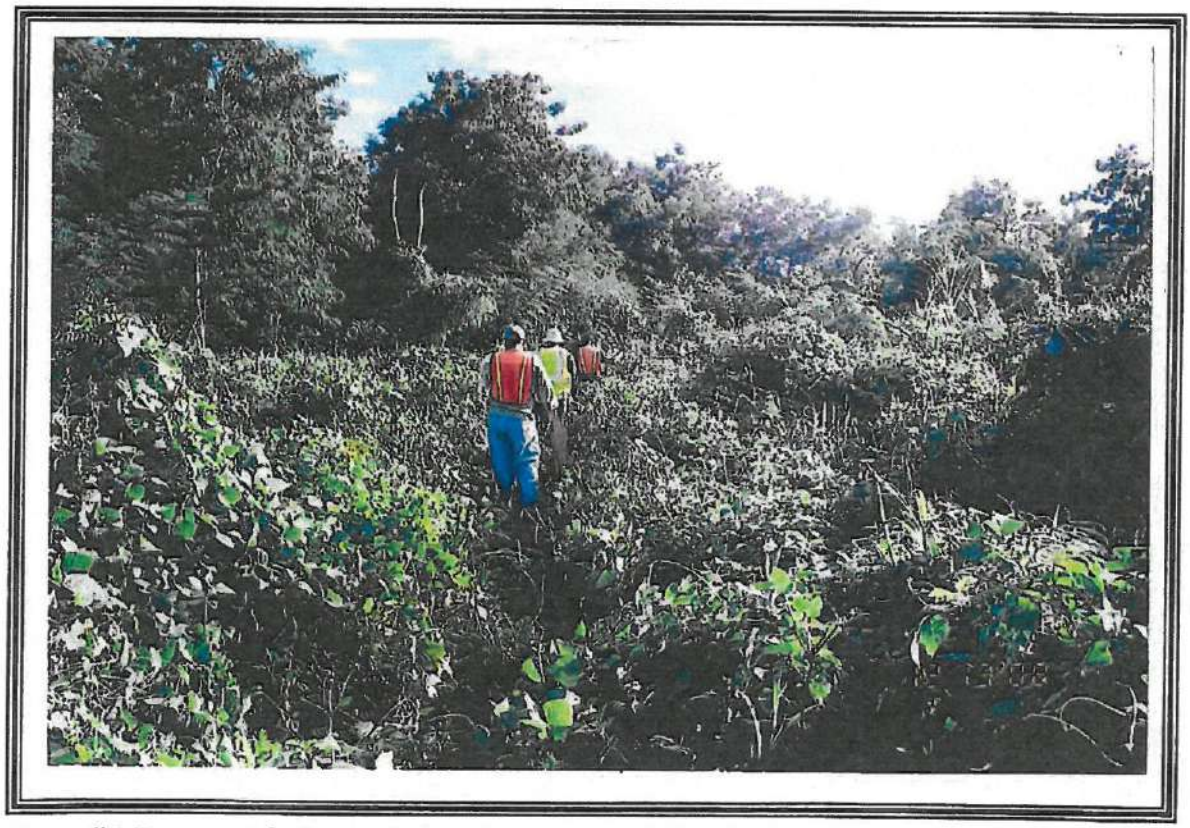


Foto #4 Proceso de los trabajos de campo, abriendo brechas.

Foto #5 Excavando sonda de prueba número tres.

Foto #6 Sonda de prueba número tres, secuencia.

Foto #7 Excavando sonda de prueba número ocho.

Foto #8 Sonda de prueba número ocho, secuencia.

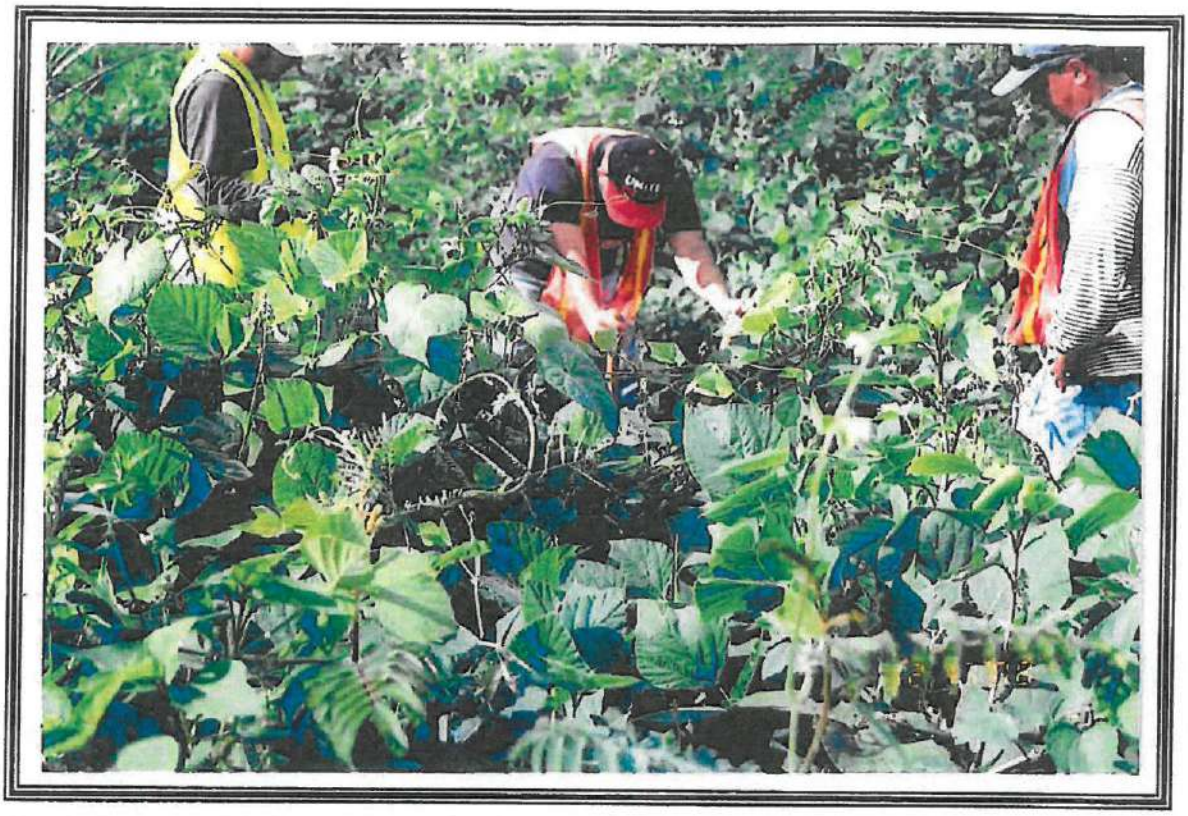


Foto #9 Excavando sonda de prueba número quince.

Foto #10 Sonda de prueba número quince, secuencia.

Foto #11 Proceso de los trabajos de campo.

Foto #12 Sonda de prueba número veinte.

HORIZONTAL & VERTICAL CONTROL DATA

STA	BEARING D°, MIN, SEC.	DISTANCE MTS	LAMBERT COORDINATES Y (mts)	X (mts)	ELEV MTS	DESCRIPTION
1	N 28 07 29.823 E	130.9947	57996.7918	178843.7828	98.58	STEEL ROD 1/2"Ø ON GROUND
3	N 48 41 24.858 E	207.5614	58111.8165	178915.4598	101.98	" " " "
5	N 56 01 20.170 W	151.0182	58224.0592	179128.1489	-------	" " " "
7	N 19 15 14.833 E	130.2820	58426.9592	179187.9414	-------	" " " "
44	S 47 13 50.178 E	76.5555	58581.0973	179351.8738	107.20	" " " "
249	N 58 03 39.838 E	37.4183	58483.9765	179386.3896	107.98	" " " "
366	S 37 36 34.838 W	94.7054	58508.8693	179115.4539	106.16	" " " "
429	S 33 08 41.838 W	215.9684	58432.1786	179054.8898	-------	" " " "
448	S 12 08 15.188 W	330.3868	58048.0840	178936.5471	99.84	" " " "
478	S 88 13 25.188 W	189.9604	58112.8449	178905.8253	102.65	" " " "
3			57998.7918	178843.7828	98.58	" " " "

NOTES:

1 - THE ORIENTATION AND COORDINATES WAS REFERENCED TO

1A- BASE LINE EACH STA. 1, Y = 57996.7918, X = 178843.7828 FROM PLANO PREPARED CARIBAS DEL COBRE AVENUE.

2 - THE DISTANCES SHOWN IN THIS PLAN ARE REFERRED TO THE DECIMAL METRIC SYSTEM EXCEPT PIPE DIAMETERS THAT ARE EXPRESSED IN INCHES.

3 - ELEVATIONS ARE REFERRED TO STA. NO. 1, WHICH ELEVATION VALUE IS 98.58 FT.

4 - THE EQUIPMENT USED TO OBTAIN FIELD DATA WAS:
A. "TOTAL STATION"
B. ELECTRONIC EQUIPMENT WITH ADDITIONS
C. STEEL TAPE FOR SHORT DISTANCE
D. ELECTRONIC LEVEL AND ROD
E. OTHERS

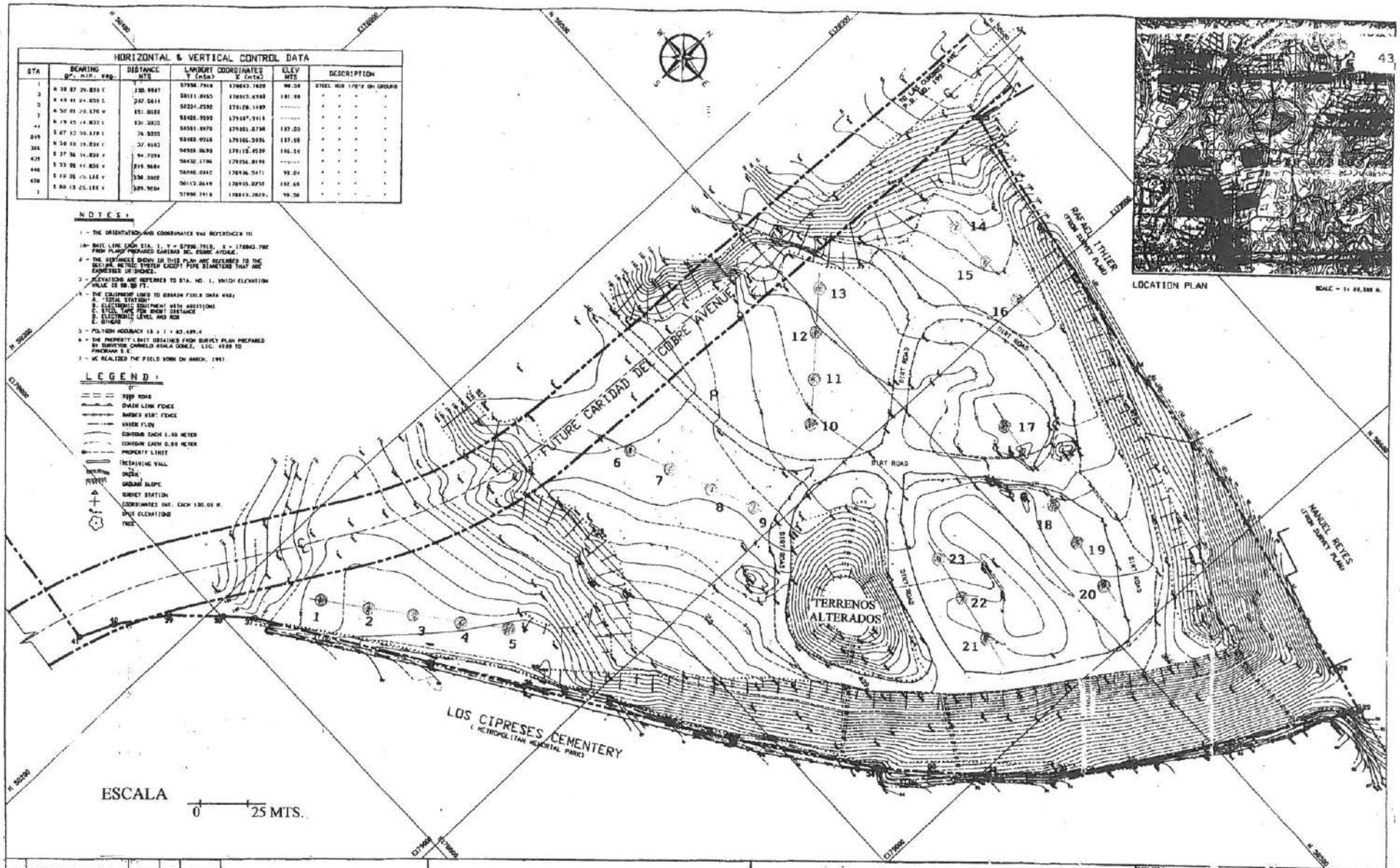
5 - POLYGON ACCURACY IS 1 : 83,489.4

6 - THE PROPERTY LIMIT OBTAINED FROM SURVEY PLAN PREPARED BY SURVEYOR CARNOLD AYALA GOMEZ, LIC. 4889 TO PANORAMA S.E.

7 - WE REALIZED THE FIELD WORK ON MARCH, 1997

LEGEND:

- DIRT ROAD
- CHAIN LINK FENCE
- BARBED WIRE FENCE
- WATER FLOW
- CONTOUR EACH 1.00 METER
- CONTOUR EACH 0.50 METER
- PROPERTY LIMIT
- RETAINING WALL
- DRAIN
- GROUND SLOPE
- SURVEY STATION
- COORDINATES INT. EACH 100.00 M.
- SPOT ELEVATIONS
- TREE



NO.	REMARKS	DATE	BY	APPV'D

REVISIONS

SOUSA SURVEYING SERVICES

LOCALIZACION DE LAS SONDAS DE PRUEBA

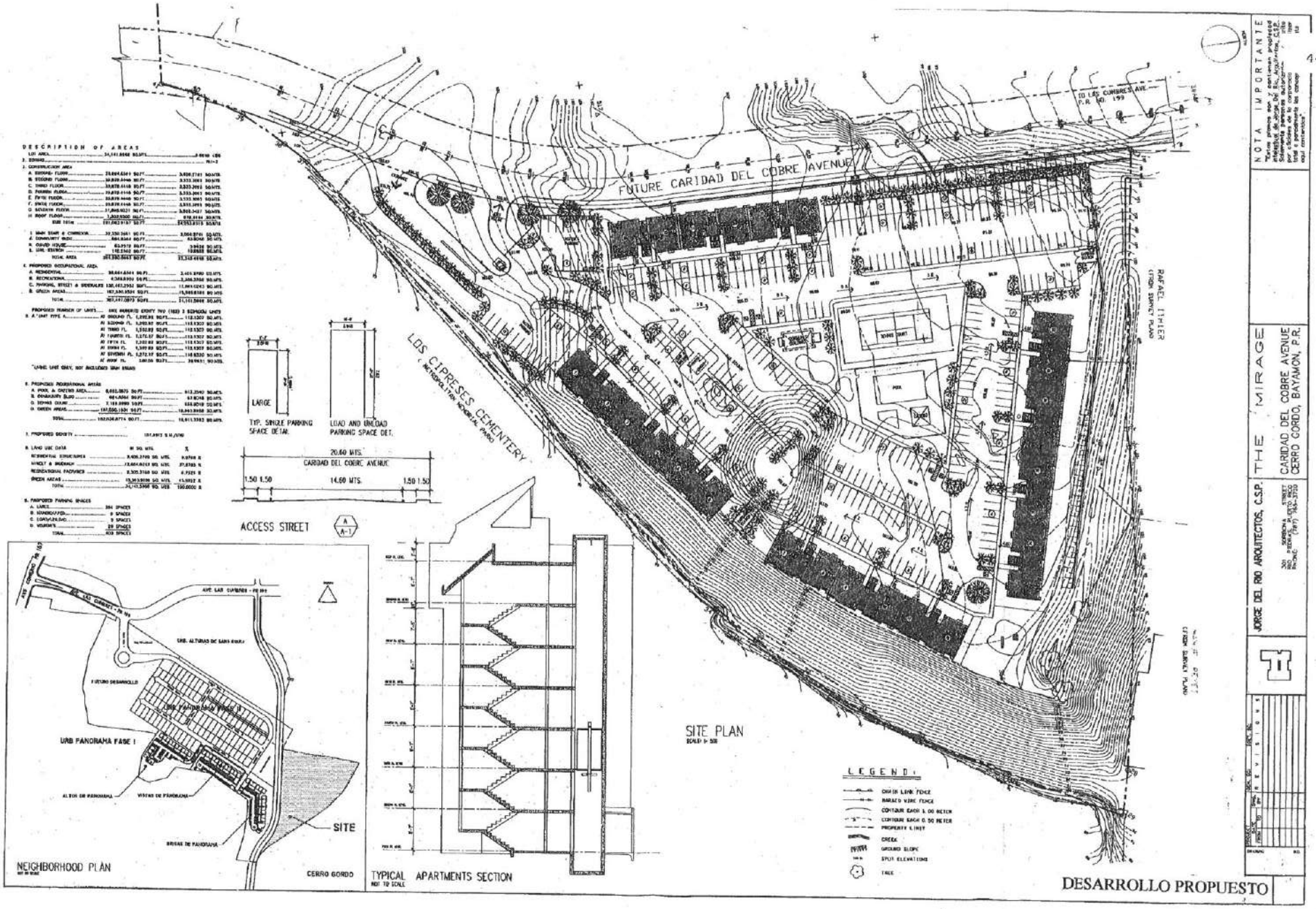
SHEET TITLE: TOPOGRAPHIC PLAN

SCALE: 1 : 800

DRAWN BY: L. SOUSA

DATE: 97/1

SHEET NO. 1 OF 1


DESCRIPTION OF AREAS
FUTURE CARIDAD DEL COBRE AVENUE
TO LAS CUMBRES AVE. P.R. NO. 199
LOS CIPRESES CEMENTERY
(METROPOLITAN MEMORIAL PARK)
RAFAEL LIMLER (FROM SURVEY PLAN)
POOL
TYP. SINGLE PARKING SPACE DETAIL
LOAD AND UNLOAD PARKING SPACE DET.
LARGE
20.60 MTS.
CARIDAD DEL COBRE AVENUE
1.50 1.50
14.60 MTS.
ACCESS STREET
A
A-1
SITE PLAN
SCALE: 1" = 50'
LEGEND:
CHAIN LINK FENCE
BARBED WIRE FENCE
CONTOUR EACH 1.00 METER
CONTOUR EACH 0.50 METER
PROPERTY LINEY
CREEK
GROUND SLOPE
SPOT ELEVATIONS
TREE
NEIGHBORHOOD PLAN
NOT TO SCALE
AVE. LAS CUMBRES - PR 199
URB. ALTURAS DE SAN JUAN
FUTURO DESARROLLO
URB PANORAMA FASE II
URB PANORAMA FASE I
ALTOS DE PANORAMA
VISTAS DE PANORAMA
BRISAS DE PANORAMA
SITE
CERRO GORDO
TYPICAL APARTMENTS SECTION
NOT TO SCALE
DESARROLLO PROPUESTO
NOTA IMPORTANTE
JORGE DEL RIO ARQUITECTOS, C.S.P.
THE MIRAGE
CARIDAD DEL COBRE AVENUE
CERRO GORDO, BAYAMON, P.R.
REVISIONS

47 Cov.

urbanus

DESARROLLANDO BUENA VIDA. Box 9932, San Juan, Puerto Rico 00908-9932

CHECK DATE 09/17/08

CHECK NO. 623

DATE	VOUCHER NO.	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
09/16/08	#15092008SD	PAGO PARA EL INSTITUTO DE CULTURA DE P.R.	100.00	0.00	100.00

VENDOR	VENDOR NO.	TOTAL GROSS	TOTAL DISCOUNT	TOTAL NET
SECRETARIO DE HACIENDA	S-001			100.00

ORIGINAL DOCUMENT FEATURES ARTIFICIAL WATERMARK, MICROPRINTING AND BLEED THROUGH NUMBERING.

urbanus

DESARROLLANDO BUENA VIDA.
PO BOX 9932, SAN JUAN, PUERTO RICO 00908-9932

VENDOR NO.	DATE	CHECK NO.
S-001	09/17/2008	623

101-234
215

CONTROL NUMBER 000762

PAY THIS AMOUNT
$******100.00

Pay ***100 DOLLARS WITH 00 CENTS

PAY TO THE ORDER OF
SECRETARIO DE HACIENDA

URBANUS

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

Banco Santander Puerto Rico
Sucursal Ave. Piñero II, Puerto Nuevo, Puerto Rico 00921

⑈000762⑈ ⑆021502341⑆ 3001128647⑈

urbānus

DESARROLLANDO BUENA VIDA

Calle Harvard Esq. Interamericana University Gardens, Rio Piedras • PO Box 9932 San Juan, Puerto Rico 00908-9932
Tel. 787-474-3672 Fax 787-474-3675

CHECK REQUISITION

Project: Departamento de Desarrollo - Caridad del Cobre

Date: 15 de septiembre de 2008

Pay to: Secretario de Hacienda

Amount: $ 100.00

Explanation: Pago para el Instituto de Cultura de Puerto Rico

favor certificar cheque

Requested by: Arq. Vanessa de Mari

Date: 15-Sep-08

Prepared By: K. Lamela

ACCOUNTING URBANUS

ACCOUNTING SUB.

Gen Ledger Code: 1A0006-01	$	100.00	Project Code:		$
Gen Ledger Code:	$		Project Code:		$
Gen Ledger Code:	$		Project Code:		$
Gen Ledger Code:	$		Project Code:		$
Gen Ledger Code:	$		Project Code:		$

File Number :

GOBIERNO DE PUERTO RICO
Instituto de Cultura Puertorriqueña

26 de septiembre de 2018

AUTORIZACIÓN

Ing. Héctor Rodríguez Echevarría
Director Ejecutivo Interino
Oficina de Gerencia de Permisos
PO Box 41118
San Juan, Puerto Rico 00940

APARTAMENTO CARIDAD DEL COBRE
URB. PANORAMA, PARCELA B, PR 840, BAYAMÓN
CASO OGPE #2018-235881-SRA-019719

Estimado ingeniero Rodríguez:

El **Programa de Arqueología y Etnohistoria** del Instituto de Cultura Puertorriqueña ha evaluado los documentos relacionados al proyecto de referencia, recibidos a través de la División de Arqueología y Conservación Histórica de la Oficina de Gerencia de Permisos (OGPe).

La evaluación realizada sugiere que, basado en los datos existentes al presente, las probabilidades de impactar un recurso arqueológico, según definido por la Ley 112 del 20 de julio de 1988, según enmendada, son mínimas.

Por lo tanto, en lo concerniente a recursos culturales de naturaleza arqueológica, **no tenemos objeción** al proyecto según fue radicado y evaluado.

Este proceso es paralelo al del Programa de Patrimonio Histórico Edificado del Instituto de Cultura Puertorriqueña, los comentarios de dicho programa deberán ser atendidos de modo adicional al nuestro, para cumplir con las regulaciones de la Ley 374 de 1949 y la Ley 89 de 1955; según enmendadas.

Le notificamos que esta autorización es de tipo parcial y que el proponente queda sujeto a las responsabilidades y obligaciones que impone la Ley 112 del 20 de julio de 1988, según enmendada. Esta establece que, **se deberá paralizar todo tipo de actividad de excavación, movimiento y remoción de la corteza terrestre, y notificar en un plazo de veinticuatro (24) horas al Consejo de Arqueología Terrestre, en caso de que, durante el desarrollo del proyecto, se descubra o impacte algún depósito, elemento, estructura o vestigio de naturaleza arqueológica.**

Se le apercibe que el incumplimiento de estos requerimientos podrá ser objeto de sanciones administrativas según lo establecido en las citadas leyes.

Esta autorización tiene **vigencia de (1) año.**

Cordialmente,

Dr. Carlos Pérez Merced
Director Interino
Programa de Arqueología y Etnohistoria

CAPM/GOE/mgb

PROGRAMA DE ARQUEOLOGÍA Y ETNOHISTORIA
Apartado 9024184, San Juan, Puerto Rico 00902-4184
Teléfono: (787) 723-2524 / (787) 724-0700 ext. 1362

GOBIERNO DE PUERTO RICO
Instituto de Cultura Puertorriqueña

26 DE SEPTIEMBRE DE 2018

SISTEMA INTEGRADO DE PERMISOS
Oficina de Gerencia de Permisos
PO Box 41179
San Juan, Puerto Rico 00940-1179

NO OBJECIÓN

CASO OGPE: 2018-235881-SRA-019719
CARIDAD DEL COBRE
MUNICIPIO: BAYAMÓN
UBICACIÓN: PR840 URB PANORAMA, BARRIO CERRO GORDO
CATASTRO: 113-041-001-46
CALIFICACIÓN: RU-2
PROPONENTE: DESARROLLOS REALES INC

Estimados señores:

El Instituto de Cultura Puertorriqueña (ICP), por medio de su Programa de Patrimonio Histórico Edificado (ICP-PHE), ha examinado el proyecto de referencia para determinar si afecta Propiedades de Valor Histórico y Arquitectónico que estén protegidas, o sean elegibles a serlo, bajo las leyes y reglamentos que nuestra agencia tiene responsabilidad de administrar, como agencia primaria, endosante o recomendante. Estas leyes y reglamentos incluyen, entre otros:

1. La ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en especial el inciso 4(a)(7), "Determinar que edificios o estructuras son de valor histórico o artístico en Puerto Rico. (...)" y el inciso 4(a)(8), "Asesorar a la Junta de Planificación en la reglamentación de construcción en aquellas zonas que determine como zonas de valor histórico. (...)".
2. La ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en su inciso 4 (b)(3) según enmendado por la ley 119 del 26 de septiembre de 2005, que permite "adoptar, enmendar o derogar, por conducto de su Junta de Directores, las reglas que gobiernen [el] funcionamiento y el descargo de los poderes" concedidos e impuestos al ICP por ley, y la imposición de multas administrativas y/u otras sanciones por su incumplimiento o violación.
3. El Reglamento Conjunto de Permisos para Obras de Construcción y Uso de Terrenos, Reglamento 31 de la Junta de Planificación ("Reglamento Conjunto") con vigencia del 29 de noviembre de 2010, en todos los incisos aplicables a zonas y sitios históricos, en especial los Capítulos 54 (Reglamento de Zonas y Sitios Históricos) y 60 (Designación de Zonas y Sitios Históricos) – incluyendo, en las zonas históricas, edificios elegibles, no elegibles, solares vacíos y espacios públicos.
4. Las zonificaciones SH (antes CR-H) cubiertas por el Capítulo 19, Regla 19.29 del Reglamento Conjunto.
5. La disposición del Capítulo 54, Regla 54.5, §54.5.6 del Reglamento Conjunto que establece, para las Plazas de Recreo y edificios circundantes, las reglas de protección del Patrimonio Histórico.
6. La Resolución JPE-047 de 1994, la cual requiere evaluación del ICP para consultas y usos a darse a edificios públicos construidos anteriores a 1960.
7. La exigencia de endoso o comentario del ICP aplicable a propiedades designadas de valor histórico y arquitectónico por otros medios, tales como:

    a. Resolución de la Asamblea Legislativa
    b. Monumentos Históricos designados por la Junta de Directores del ICP
    c. Propiedades designadas por un plan de ordenamiento territorial de un Municipio Autónomo y que esté en vigor, o por el Plan de Uso de Terrenos de Puerto Rico

d. Ser declaradas históricas en un plan especial de zonificación.
e. Otras propiedades referidas por cualquier componente del Sistema Unificado de Información (SUI), la Oficina de Permisos de un Municipio Autónomo con poder de otorgar permisos, la Junta de Planificación, el Programa de Arqueología y Etnohistoria del ICP, u otra agencia o entidad de gobierno con poder reglamentario.

8. Petición a solicitud voluntaria de un propietario o derechohabiente de una propiedad.

Luego de la evaluación del caso se determina que el **proyecto de construcción de un desarrollo de proyecto de vivienda de interés social se encuentra fuera de nuestra competencia**. Por lo tanto, el programa de Patrimonio Histórico Edificado emite su ***No Objeción*** al mismo.

Este documento tiene vigencia de un (1) año a partir de su emisión.

Sin otro particular, quedo

Arq. Carmen Marla López, CAA PPR, AIA
Directora, Programa de Patrimonio Histórico Edificado
Instituto de Cultura Puertorriqueña

CMLC/ejc /mgv

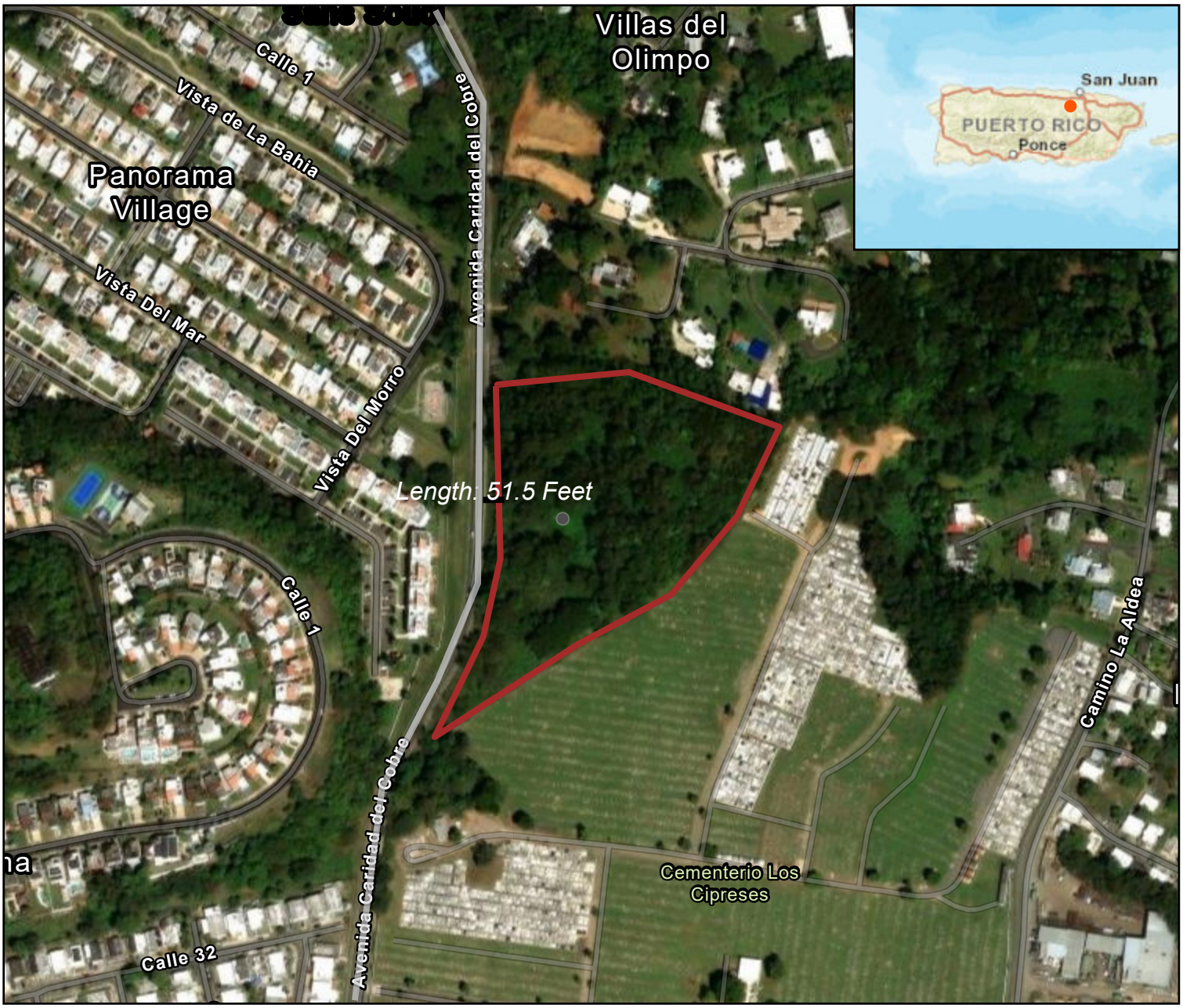
Cc: Expediente caso PPHE, ICP

14

Noise Abatement and Control Distance maps

Noise Source Major Road

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000



0 0.04 0.09 0.17 mi

N W E S

Project Site

Major Road

Distance

10/24/2025 8:18 AM

Noise Source Railroad

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Legend

- Project Site
- Railroad
- Distance

0 0.5 1 2 mi

N W E S

10/24/2025 8:37 AM

Noise Source Map Airport

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Legend

- Military Airports 15,000ft Buffer Civilian Airports
- 2,500ft Buffer Military Accident Potential Zones
- APZ 2 Military Accident Potential Zones APZ 1
- Runway Protection Zones
- Airport Runways
- Major
- Minor Airport
- Project Site
- Distance

0 1.25 2.5 5 mi

N W E S

10/24/2025 8:25 AM

14
Noise Study

ESTUDIO DE RUIDO
PROYECTO RESIDENCIAL CARIDAD DEL COBRE
AVENIDA CARIDAD DEL COBRE (PR-830 INTERIOR)
BO. CERRO GORDO, BAYAMON, PUERTO RICO

CONSULTA NUM. 2007-15-0879 CU
ACT C#08-00011009

Preparado para:

URBANUS DEVELOPMENT, INC.
San Juan, Puerto Rico

Preparado por:

Héctor W. Vega Pacheco, M.S.C.E., P.E.
Consultor del Estudio

Noviembre 2008

TABLA DE CONTENIDO

Página

1. INTRODUCCION **1**
1.1 Trasfondo 1
2. ESTUDIO DE RUIDO **3**
2.1 Definiciones 3
2.2 Criterios de la Junta de Calidad Ambiental 3
2.3 Criterios de la Administración Federal de Carreteras (FHWA) y la Autoridad de Carreteras y Transportación 4
2.4 Niveles de Ruido Proyectados Basados en Datos de Tránsito 4
2.5.1 Modelo de Predicción de Niveles de Ruido 4
2.5.2 Datos de Tránsito 5
2.5.3 Resultados del Modelo y Análisis de Resultados 6
3. CONCLUSIONES **8**
3.1 Conclusiones 8

Lista de Tablas

Tabla 1. Niveles de Emisiones de Ruido (dBA)
Límites Permitidos por la JCA

Tabla 2. Niveles de Ruido Estimados en el Proyecto Residencial Caridad del Cobre
Sin Considerar Barrera de Mitigación (Años 2011 y 2031)

Lista de Figuras

Figura 1. Localización del Proyecto

Lista de Apéndices

Apéndice A. Topografía y Configuración del Proyecto y Localización de Avenida Caridad del Cobre

Apéndice B. Carta de la Autoridad de Carreteras y Transportación (ACT) Solicitando Estudio de Ruido

Apéndice C. Datos de Tránsito Utilizados en el Análisis de Sonido

Apéndice D. Cómputos de Parámetros para Modelo de Predicción de Niveles de Ruido Y Localización de Receptores

Apéndice E. Corrida del Programa Stamina 2.0
Análisis de Ruido en Receptores más cercanos a la Avenida Caridad del Cobre
Condiciones de Tránsito Años 2011 y 2031

ESTUDIO DE RUIDO
PROYECTO RESIDENCIAL CARIDAD DEL COBRE
182 UNIDADES DE VIVIENDA
AVENIDA CARIDAD DEL COBRE
BO. CERRO GORDO, BAYAMON, PUERTO RICO
CONSULTA NUM. 2007-15-0879 CU
ACT C#06-00014128

1. INTRODUCCION

1.1 Trasfondo

Se propone el desarrollo de un proyecto residencial multifamiliar en un predio de terreno localizado al oeste de la Avenida Caridad del Cobre, en el Barrio Cerro Gordo de Bayamón. El proyecto se conocerá como Caridad del Cobre y constará de dos edificios residenciales con 182 apartamentos en total. La localización del proyecto se muestra en la Figura 1. La configuración y topografía del proyecto se incluyen como Apéndice A. El acceso al proyecto será directamente desde la Avenida Caridad del Cobre, la cual será extendida como parte del proyecto propuesto. Dicha avenida es en la actualidad una carretera secundaria de dos (2) carriles y con un volumen de tránsito limitado.

Como parte del proceso de consulta y evaluación ambiental del proyecto a las agencias pertinentes, se consultó a la Autoridad de Carreteras y Transportación (ACT) de Puerto Rico sobre los requisitos de la agencia para endosar el proyecto propuesto. Mediante carta con fecha del 16 de abril de 2008, la ACT establece, como parte de sus comentarios, que debe realizarse un estudio de sonido ambiental en donde se determinen los niveles de ruido a que estarán expuestos los apartamentos debido al tránsito actual y proyectado a 20 años en las vías estatales y proveer como parte del desarrollo las medidas de mitigación necesarias para no sobrepasar los niveles permitidos por la reglamentación vigente. La copia de la carta de la ACT donde se solicita el estudio de ruido se incluye como Apéndice B. El estudio de ruido que se presenta en este

este documento considera los volúmenes de tránsito proyectados para la Avenida Caridad del Cobre, según establecidos por una compañía consultora en estos aspectos.

2. ESTUDIO DE RUIDO

Este informe resume los hallazgos y resultados del Estudio de Ruido realizado para el proyecto residencial Caridad del Cobre. El mismo fue realizado para cumplir con los requisitos de la ACT.

2.1 Definiciones

Los niveles de ruido especificados en este documento se presentan en unidades de decibeles en la escala A (dBA). La escala A representa la frecuencia que más se asemeja a las características del oído humano promedio para varias intensidades de sonido. Por ejemplo, un aumento de 10 dBA en los niveles de ruido al oído humano es como si se duplicara el ruido, y un aumento de 3 dBA es apenas perceptible.

Los valores de ruido resultantes son presentados como niveles de ruido equivalentes (L_{eq}). El valor de L_{eq} es utilizado típicamente por el Departamento de Transportación Federal (DOT por sus siglas en inglés) y el mismo es definido como el nivel de sonido constante, en dBA, que puede producir la misma energía de sonido que un sonido variable medido durante un periodo de tiempo específico. El valor L_{10} es el valor típicamente utilizado por la Junta de Calidad Ambiental (JCA) y es definido como el sonido, en dBA, que es excedido el 10% del tiempo durante un periodo de tiempo específico. La agencia DOT ha establecido que en el caso de tránsito vehicular el valor de L_{10} es aproximadamente 3dBA mayor que el valor de L_{eq}.

2.2 Criterios de la Junta de Calidad Ambiental

Los niveles de ruido (L_{10}) recomendados por la Junta de Calidad Ambiental en su reglamento de ruido para diferentes zonas se presentan en la Tabla 1. De acuerdo a la JCA, los niveles de ruido no deben exceder de 65 dBA para un área residencial. Si los niveles de ruido estimados para la condición futura son mayores que los niveles recomendados, el proyecto causará algún impacto adverso, el cual será mayor o menor, dependiendo de cuánto se aleje del nivel recomendado.

Los estándares establecidos por la JCA se basan en una fuente de ruido que es fija y no móvil como lo es el ruido producido por el tránsito vehicular en una carretera.

2.3 Criterios de la Administración Federal de Carreteras (FHWA) y la Autoridad de Carreteras y Transportación

El ruido producido por el tránsito vehicular en una carretera es representativo del ruido producido por una fuente móvil, como lo ha establecido la FHWA. De acuerdo a la FHWA, los niveles de ruido producidos por el tránsito en una carretera no deben exceder de 67 dBA para un área residencial (medido en L_{eq}). Si los niveles de ruido estimados para la condición futura son mayores de 67 dBA, el proyecto causará algún impacto adverso, el cual será mayor o menor, dependiendo de cuánto se aleje de este valor recomendado. Este valor estándar ha sido adoptado por la ACT en sus evaluaciones. La ACT también establece que, debido al margen de error del programa, el valor de 66 dBA será criterio de la agencia para solicitar que se establezcan medidas de mitigación.

2.4 Niveles de Ruido Proyectados Basados en Datos de Tránsito

Se realizó un análisis considerando las condiciones de tránsito una vez el proyecto esté operando (Año 2011) y futuras (Estimado al Año 2031), en la Avenida. Para el análisis se utilizó la alineación y sección de carretera existentes. La avenida existente con relación al proyecto propuesto se muestra en el Apéndice A. Mediante este análisis se determinará si es necesario proveer medidas de mitigación en el proyecto propuesto.

2.5.1 Modelo de Predicción de Niveles de Ruido

Para predecir los niveles de ruido para las condiciones de tránsito proyectadas se utilizó el modelo de computadora "Stamina 2.0" de la "Federal Highway Administration" (FHWA, versión 3, marzo 1983). El programa "Stamina 2.0" toma en consideración varios parámetros que afectan la intensidad del ruido, tales como el número total de vehículos, por ciento de vehículos livianos y pesados, distancia entre el receptor y la fuente de ruido, tipo de superficie reflectora y las barreras entre el receptor y la fuente. La localización de la carretera y de los receptores es

definida por coordenadas. Se ubicó la Avenida Caridad del Cobre con respecto al proyecto para definir las distancias y las diferencias en elevaciones del proyecto con respecto a la carretera (ver Apéndice A y Apéndice D). El análisis se realizó considerando el tránsito en ambas direcciones.

Las condiciones de tránsito críticas existentes y futuras deben obtenerse de los datos de tránsito para la Carretera PR-8176. Los resultados del programa "Stamina 2.0" son presentados en términos de L_{eq} y L_{10}.

2.5.2 Datos de Tránsito

Los datos de tránsito requeridos por el modelo de predicción de ruido fueron obtenidos del Estudio de Tránsito preparado para el proyecto por la firma Traffic Consulting Group (TCG), la cual realizó conteos de tránsito en las diferentes intersecciones cercanas al proyecto. Los datos de tránsito fueron provistos para la hora pico en los años 2008 (tránsito existente) y 2011 (una vez el proyecto se encuentre en operación, según dicho estudio). Para el Año 2031 se estimó un factor de 1.30 para estimar dicho tránsito a base de los datos para el 2011 que provee el estudio de tránsito. Copia de los datos de tránsito obtenidos del informe provisto por TCG se incluye en el Apéndice C.

Los datos de tránsito utilizados para el análisis de ruido a ser producido por la Carretera PR-8176 son los siguientes:

- Porciento de camiones = 2%
- Velocidad de 40 MPH (64 KPH)

La velocidad utilizada es mayor a la que debe utilizarse en la carretera actual debido a la existencia de zonas residenciales, la Universidad Interamericana y un cementerio. Los cómputos de los parámetros requeridos por el modelo se incluyen como Apéndice E, para los años 2011 y 2031.

La carretera principal más cercana al proyecto lo es la Avenidad Caridad del Cobre y se encuentra a aproximadamente 15 metros del edificio más cercano.

2.5.3 Resultados del Modelo y Análisis de Resultados

El programa "Stamina 2.0" fue ejecutado para estimar los niveles de ruido a ser producidos en el proyecto propuesto por el tránsito de la Avenida. Basado en los resultados del modelo, se determinará si medidas de mitigación serán necesarias para el proyecto propuesto. Los resultados del modelo se compararon con los criterios utilizados por la FHWA.

Para el análisis con el programa "Stamina 2.0" se simularon como receptores los edificios más cercanos a la carretera (ver Apéndice D). Se establecieron tres (3) puntos receptores asociados con los apartamentos que estarían más cercanos a la avenida (R-1, R-2 y R-3). Por encontrarse el proyecto en su etapa de Consulta de Ubicación aún no se tiene de manera final la elevación de piso de los edificios, pero se presumió que el nivel del primer piso será similar al nivel del terreno existente. De acuerdo al plano topográfico existente el nivel del piso se encuentra entre los 101 y 105 metros.

La localización de los receptores utilizados en el análisis con el modelo de ruido se muestra en el Apéndice D. En los receptores la elevación fue subida 1.5 metros sobre el nivel de terreno propuesto, considerando esto como la altura promedio de una persona que esté localizada en el lugar del receptor.

Los resultados del modelo sobre los niveles de ruido a que estarían expuestos los apartamentos más cercanos a la carretera se presentan en el Apéndice E y se resumen en la Tabla 2. Los resultados se muestran para las condiciones de tránsito para los años 2011 (Año de operación) y 2031 en la avenida. Estos resultados son presumiendo que no habrá ningún tipo de muro o barrera entre la carretera y los receptores. Como se muestra en el Apéndice E y la Tabla 2, los niveles de ruido estimados en los receptores cercanos a las Avenida Caridad del Cobre se encuentran muy por debajo del nivel de 66 dBA. Considerando la condición futura el nivel de ruido máximo computado fue en el receptor R-2, el cual será el más cercano a la Avenida, será

de 58.7 dbA, por debajo del estándar de la ACT. **Los niveles de ruido computados se encuentran por debajo del nivel requerido por la ACT para la construcción de una barrera de atenuación de sonido para el proyecto.**

3. CONCLUSIONES

3.1 Conclusiones

- De acuerdo a las observaciones de campo la fuente principal de ruido en el proyecto propuesto lo es el tránsito en la Avenida Caridad del Cobre.

- Como se muestra en el Apéndice E y la Tabla 2, los niveles de ruido estimados en los receptores más cercanos a la Avenida Caridad del Cobre se encuentran por debajo del nivel de 66 dBA, para la condición de tránsito futura.

- Los niveles de ruido computados se encuentran por debajo del nivel requerido por la ACT para la construcción de una barrera de atenuación de sonido para el proyecto, por lo que esta no es necesaria para el proyecto residencial Caridad del Cobre.

HÉCTOR W. VEGA PACHECO
INGENIERO LICENCIADO
LIC. #10142
PUERTO RICO

Ing. Héctor W. Vega Pacheco
Licencia Núm. 10142

REFERENCIAS

Junta de Calidad Ambiental, "Reglamento Para el Control de la Contaminación por Ruido", 1987

U.S. Department of Transportation, "Highway Noise Fundamentals", Documents 1 through 5, September 1980

U.S. Department of Transportation, "Highway Noise", FHWA Highway Traffic Noise Prediction Model, FHWA-RD-77-108, December 1978

TABLAS

TABLA 1

NIVEL DE EMISIONES DE RUIDO (dBA)
LIMITES PERMITIDOS POR LA JCA
NIVEL DE SONIDO EXCEDIDO EN 10% DEL PERIODO DE MEDICION (L_{10})

FUENTE EMISORA	ZONAS RECEPTORAS							
	ZONA I (RES.)		ZONA II (RES.)		ZONA III (IND.)		ZONA IV (TRANQ.)	
	DIURNO	NOCTURNO	DIURNO	NOCTURNO	DIURNO	NOCTURNO	DIURNO	NOCTURNO
ZONA I (RES.)	60	50	65	55	70	60	50	45
ZONA II (COM.)	65	50	70	60	75	65	50	45
ZONA III (IND.)	65	50	70	65	75	75	50	45

Ajuste por ruido ambiental:

A. Si el ruido ambiental es menor que el nivel establecido en la Tabla por más de 5 dBA, aplicarán los límites establecidos en la Tabla.
B. Si el ruido ambiental es menor que el nivel establecido en la Tabla por menos de 5 dBA, se le añadirán 3 dBA a los límites de la Tabla.
C. Si el ruido ambiental es mayor que el nivel establecido en la Tabla, se le añadirán 5 dBA a los límites de la Tabla.

Fuente: Reglamento para el Control de la Contaminación por Ruido (JCA, 1987)

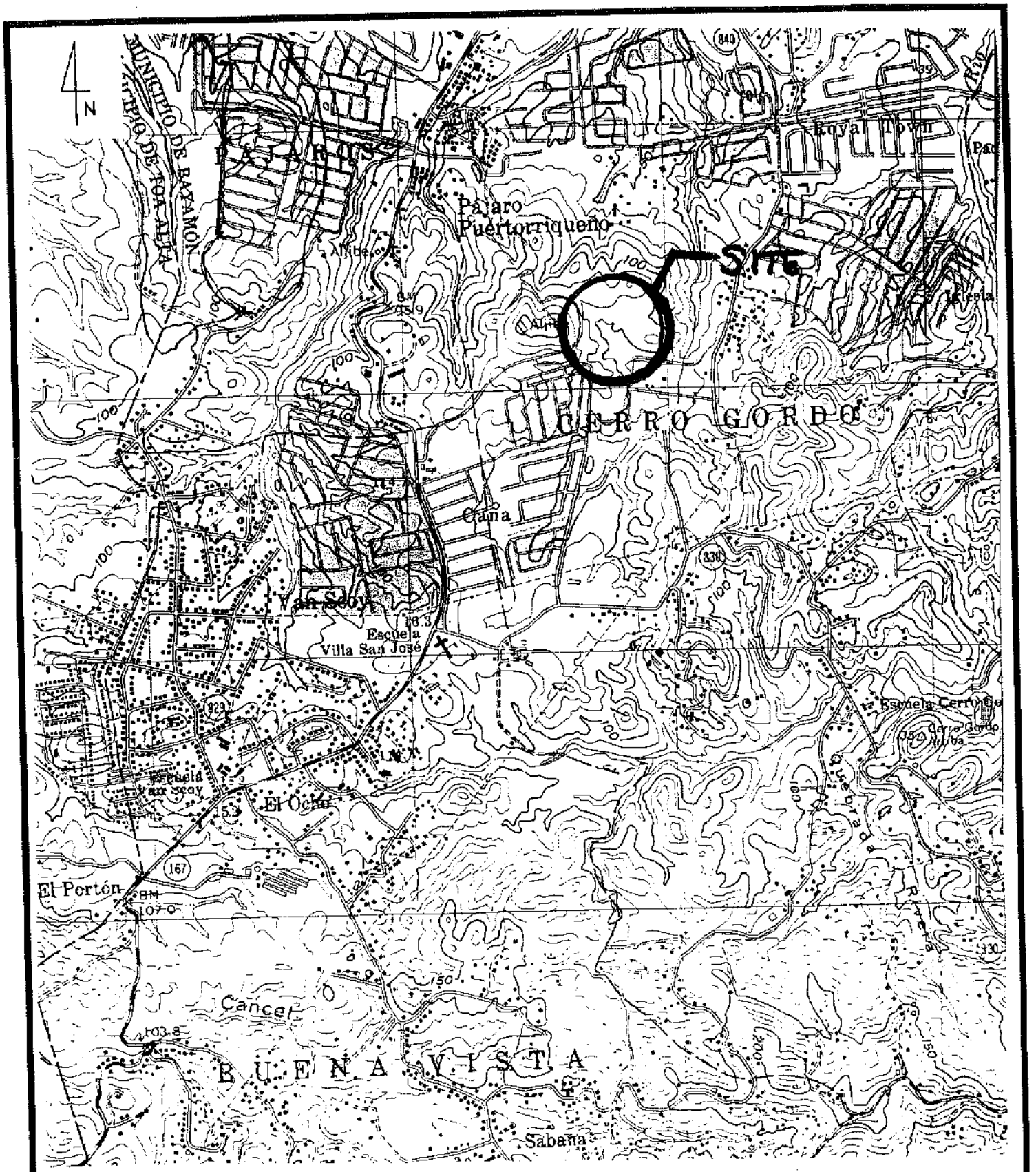
TABLA 2

NIVELES DE RUIDO ESTIMADOS EN EL PROYECTO LOMAS DEL SEÑORIAL TRANSITO VEHICULAR PROYECTADO EN AVENIDA CARIDAD DEL COBRE BO. CERRO GORDO, BAYAMON, PUERTO RICO (AÑOS 2011, Y 2031)

RECEPTOR	DESCRIPCION	DISTANCIA APROX. DESDE EL CENTRO DE AVENIDA (metros)	TIPO DE BARRERA DE MITIGACION	NIVEL DE RUIDO ESTIMADO AÑO 2011	NIVEL DE RUIDO ESTIMADO AÑO 2031
				(L_{eq}, dbA)	(L_{eq}, dbA)
R-1	Edificio Núm. 1	16	Ninguna	56.9	57.4
R-2	Edificio Núm. 1	15	Ninguna	58.1	58.7
R-2	Edificio Núm. 2	61	Ninguna	47.0	47.6

- Resultados del modelo "Stamina 2.0" de la Administración Federal de Carreteras (ver Apéndice E)

FIGURAS



FUENTE: MAPA TOPOGRAFICO PARA CUADRANGULO DE NARANJITO (1982)

ESCALA: 1: 20,000

ESTUDIO DE RUIDO
PROYECTO RESIDENCIAL CARIDAD DEL COBRE

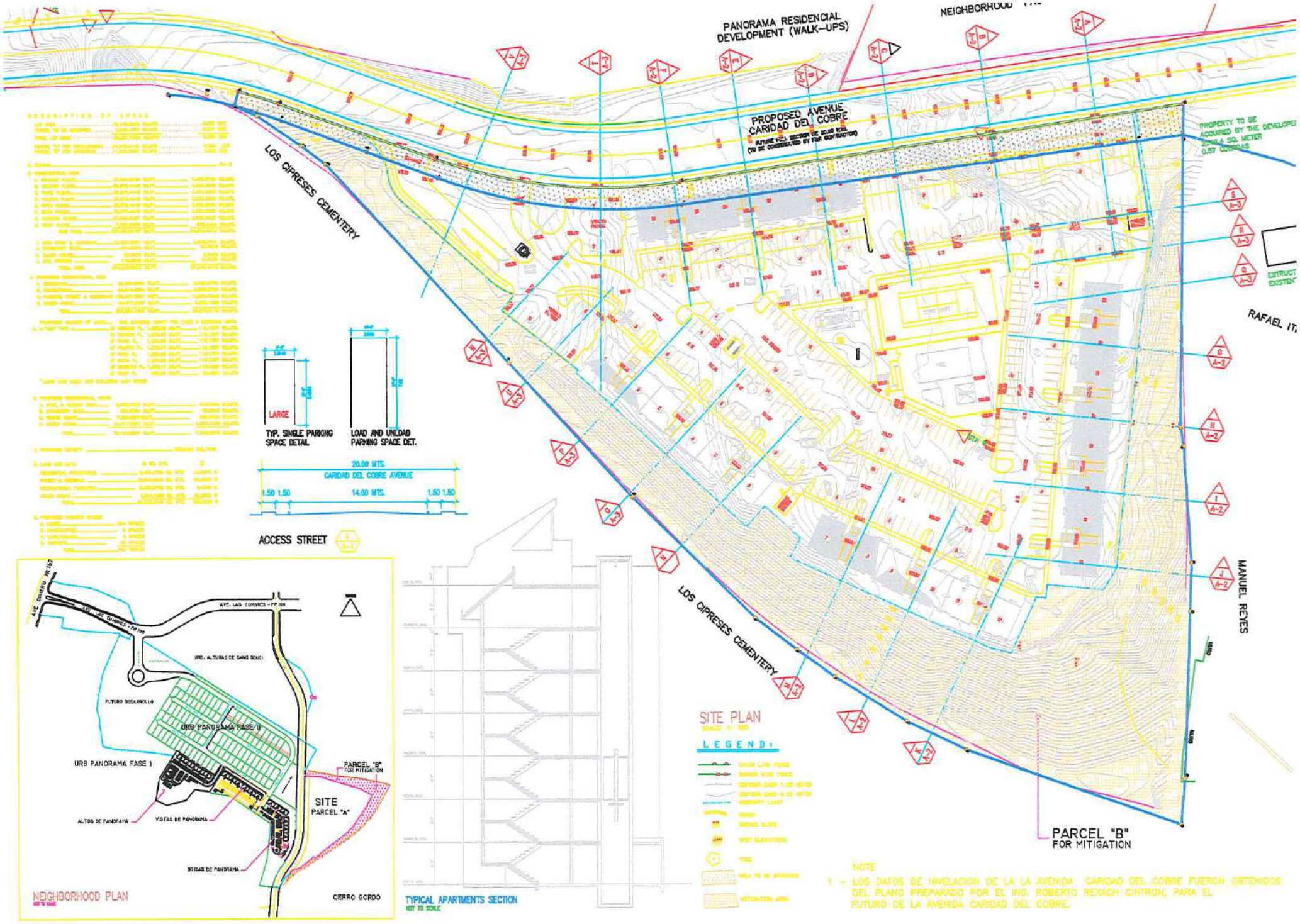
BO. CERRO GORDO, BAYAMON, PUERTO RICO

FIGURA 1
LOCALIZACION

APENDICES

APENDICE A

TOPOGRAFIA, CONFIGURACION DEL PROYECTO Y LOCALIZACION DE FUTURA AVENIDA CARIDAD DEL COBRE



NOTE

1 - LOS DATOS DE NIVELACION DE LA LA AVENIDA CARIDAD DEL COBRE FUERON OBTENIDOS DEL PLANO PREPARADO POR EL ING. ROBERTO REXACH CINTRON, PARA EL FUTURO DE LA AVENIDA CARIDAD DEL COBRE.

14A: ACT Response Letter

APENDICE B

CARTAS DE LA ACT

ESTADO LIBRE ASOCIADO DE PUERTO RICO

AUTORIDAD DE CARRETERAS Y TRANSPORTACION

C# 08-00011009

16 de abril de 2008

urbanus
DESARROLLANDO BUENA VIDA
JUN 06 2008
RECIBIDO

Plan. Antonio Díaz Ramos
Municipio de Bayamón
PO Box 1588
Bayamón, PR 00960-1588

CARIDAD DEL COBRE
(182 APARTAMENTOS)
CARRETERA PR-830 INTERIOR
BO. CERRO GORDO, BAYAMÓN
CONSULTA NÚM. 2007-15-0879 CU

Estimado planificador Díaz Ramos:

Hacemos referencia a su comunicación del 11 de febrero de 2008, relacionada con este asunto.

Para poder continuar con la evaluación del proyecto mencionado en el asunto, el proponente deberá someter a la Oficina de Control de Accesos de esta Área la siguiente información:

1. Llenar el Formulario de Radicación de Proyectos de la Oficina de Control de Accesos. (Adjunto copia)

2. Cuatro (4) copias del memorial explicativo con la descripción del proyecto.

3. Cuatro (4) copias de los planos del proyecto debidamente firmadas y selladas en original por un profesional colegiado autorizado, en donde se incluya la siguiente información:

   A. Mapa topográfico en escala 1:20,000 actualizado, legible e ilustrando la ubicación del proyecto.

   B. Plano de localización que ilustre la ubicación exacta de los límites de la propiedad a desarrollarse, que indique en donde se encuentra la misma con relación a las carreteras estatales y las vías municipales.

   C. Coordenadas de los límites de colindancia de la propiedad en el Sistema de Coordenadas Lambert (NAD-83).

Rec. 2/Mr. Villa

D. Plano con la planta del proyecto en una escala de 1:500 ó 1:1,000 que ilustre lo siguiente:

i. La primera hoja de los planos deberá indicar el nombre del proyecto, dirección física y número de unidades de vivienda propuestas.

ii. El norte magnético en todas las hojas de planta.

iii. Ilustrar en el plano los colindantes y los accesos existentes a ambos lados de las vías públicas en un radio de 100.00 metros de los límites de la propiedad a desarrollarse.

iv. Obras de carretera y servidumbre de paso existente de las vías públicas que colinden con la propiedad.

v. La sección futura de las carreteras estatales que colinden con la propiedad, utilizando la Guía de Secciones Típicas para las Carreteras Estatales, vigente.

vi. Obras de ensanche o de infraestructura propuestas de la zona de las carreteras estatales, las cuales deberán estar conforme con la Guía de Secciones Típicas para las Carreteras Estatales, vigente y con el Manual de Diseño de Carreteras.

vii. La geometría del acceso propuesto, el cual deberá cumplir con el Reglamento para el Control de Accesos a las Vías Públicas de Puerto Rico, según enmendado, en su enlace con la vía pública.

viii. Las estructuras existentes en el solar, facilidades del proyecto, área de estacionamiento, carga y descarga, depósito de basura y áreas de dejar y recoger pasajeros, etc.

ix. Todas las dimensiones y detalles geométricos del diseño del acceso deberán ser ilustrados en los planos en escala métrica.

4. De ser necesario realizar trabajos en las vías estatales deberá incluir en los planos del proyecto un plan para el control del tránsito (MOT, por sus siglas en inglés), el marcado de pavimento y señalización final. Este plan incluirá todas las señales de tránsito, marcado de pavimento, drones, barreras y otros dispositivos para el control del tránsito

que se instalarán temporalmente para lograr un movimiento del tránsito seguro y eficiente. Éstos deberán cumplir con el "Manual on Uniform Traffic Control Devices for Streets and Highways", Edición 2003 y con el Manual de Señales de Tránsito para las Vías Públicas de Puerto Rico.

5. Someter dos (2) copias del Estudio de Tránsito que deberá cumplir con las Guías para la Preparación de Estudios Operacionales de Accesos y de Tránsito para Puerto Rico. Se deberá incluir en los planos las mejoras que recomiende dicho estudio y el mismo deberá estar debidamente firmado y sellado en original por un profesional colegiado autorizado.

6. Para los proyectos residenciales localizados a menos de 50.00 metros de las carreteras estatales, se deberá realizar un estudio de sonido ambiental para determinar los niveles de ruido a que estarán expuestas las unidades de vivienda debido al tránsito actual y proyectado a veinte (20) años en la vía pública. Se deberá incluir en los planos las medidas de mitigación que sean recomendada en dicho estudio.

7. Para proyectos residenciales de interés social se deberán someter una certificación actualizada de la Autoridad para el Financiamiento de la Vivienda o de la Agencia correspondiente en donde se indique el programa y la cantidad de viviendas aprobadas como de interés social.

8. Para los proyectos en donde la sección requerida de la carretera estatal sea menor que la servidumbre de paso existente o que colinden con otras carreteras estatales o con propiedades del Departamento de Transportación y Obras Públicas, se deberá obtener una Certificación de Conformidad de Colindancia de la Oficina de Derecho de Vía del Área de Adquisición de Propiedades de esta Autoridad, para asegurarse que los puntos de colindancia de la propiedad están conforme con la servidumbre de paso de la vía estatal. Puede comunicarse con dicha oficina al 787-721-8787, extensión 1224.

9. Se deberá someter copia del plano de segregación de la finca principal a desarrollarse debidamente aprobado y copia(s) de la(s) resolución(es) de la Administración de Reglamentos y Permisos y/o la Junta de Planificación.

10. Escritura o contrato de compraventa de la propiedad haciendo constar que es propietario o copropietario de los terrenos en los cuales se propone llevar a cabo el proyecto. De ser la propiedad alquilada deberá someter copia del contrato de arrendamiento de la misma.

11. Fotos u otros documentos que puedan ayudar a agilizar la evaluación del caso.

12. Deberá someter copia en CD de la solicitud y los planos, en formato digital (PDF).

Para cualquier aclaración o información adicional relacionada con este asunto, puede comunicarse con la División de Asesoramiento al Proponente de la Oficina de Control de Accesos de esta Área al 787-721-8787, extensión 2805, haciendo referencia al número de control de esta carta. Las llamadas y visitas serán atendidas los días laborables de 8:30 a 11:00 de la mañana y de 1:00 a 2:30 de la tarde.

Cordialmente,

Samuel Forestier Castillo
Director
Área de Ingeniería de Tránsito y Operaciones

5005-JZJ1-MDR-NMO-dm
C# 08-00011009

Anejo

APENDICE C

DATOS DE TRANSITO UTILIZADOS EN EL ANALISIS DE SONIDO

Traffic Engineering Consultants, PSC

Estudio de Tránsito
Proyecto Residencial
Caridad del Cobre
Bayamón, PR

Preparado para:
Urbanus, Inc.
Octubre 2008

URB. ROOSEVELT • 481 C. FERNANDO CALDER # 1 • SAN JUAN, PR 00918-2728
TEL: (787)724-2007 • FAX: (787) 772-0690
INFO@TECPR.COM • WWW.TECPR.COM

Tabla 13 Flujos Int. PR-199 y PR-840 (Condición Futuro)

2011	PR-840			PR-199			PR-840			PR-199			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	197	215	400	127	1414	130	177	131	43	117	1306	135	4392
Pico PM	89	89	208	502	2114	74	143	262	95	65	1250	141	5032

Tabla 14 Flujos Int. c. Caridad del Cobre y calle 30 Caná (Condición Futuro)

2011	c. Caridad del Cobre			N/A			c. Caridad del Cobre			Urb. Caná			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	36	14	–	–	–	–	–	69	–	–	–	132	251
Pico PM	208	66	–	–	–	–	–	32	–	–	–	116	422

Dir. Norte Dir. Sur

5.6 Modelación de Tránsito

Para la evaluación de las intersecciones aisladas afectadas se utilizó el programa "Sidra Intersection 3.2". Este modelo permite la evaluación de intersecciones semaforizadas y de prioridad, además de la optimización de las de semáforo, y es el preferido debido a su capacidad de predicción, aún en situaciones de sobresaturación. Para las intersecciones interconectadas se usó el programa Synchro.

5.6.1 Intersección PR-167 y PR-830

Esta intersección es controlada por semáforo, con una geometría de cruz. Debido a la cercanía de esta intersección a las próximas dos que intersecciones que presentamos, las mismas fueron analizadas utilizando el programa Synchro. La carretera PR-167 corre en los accesos Norte y Sur, y es la vía principal. La carretera PR-830 corre en las patas Este y Oeste. La pata Sur tiene dos carriles de egreso, y cuatro carriles de acceso. De estos cuatro carriles, el de la izquierda es uno corto de 50m de largo y 3.0m de ancho. Los restantes tres carriles tienen 3.5m

Tabla 19 Resultados Modelación Int. PR-199 y PR-840

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Sur PR-840			Acceso Este PR-199			Acceso Norte PR-830			Acceso Oeste PR-199			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Semáforo**
AM	Izquierda	53.5	D	71	70.6	E	30	56.8	E	68	69.8	E	28	40.0 D
	Recto	39.0	D	71	36.5	D	103	48.9	D	68	35.6	D	94	
	Derecha	32.6	C	53	44.1	D	103	14.5	B	3	42.9	D	94	
	Acceso	39.5	D	71	39.6	D	103	48.8	D	68	38.8	D	94	
PM	Izquierda	102.2	F	37	50.5	D	52	87.0	F	77	41.2	D	11	55.7 E
	Recto	80.1	F	58	60.2	E	238	79.1	E	77	31.0	C	83	
	Derecha	78.3	E	58	74.1	E	238	87.3	F	62	38.9	D	83	
	Acceso	84.3	F	58	59.6	E	238	83.0	F	77	32.2	C	83	
Futuro 2011													**Control=**	**Semáforo**
AM	Izquierda	50.9	D	68	56.9	E	26	49.8	D	61	55.1	E	23	36.5 D
	Recto	38.4	D	68	33.8	C	96	41.9	D	61	30.6	C	84	
	Derecha	37.8	D	65	41.5	D	96	15.2	B	3	37.8	D	84	
	Acceso	41.1	D	68	36.1	D	96	42.6	D	61	33.0	C	84	
PM	Izquierda	73.9	E	30	43.7	D	52	89.8	F	73	38.8	D	10	50.5 D
	Recto	57.5	E	47	59.4	E	220	72.0	E	73	22.8	C	67	
	Derecha	60.4	E	47	70.6	E	214	71.7	E	47	30.9	C	67	
	Acceso	62.8	E	47	58.0	E	220	77.0	E	73	24.3	C	67	

Como se puede notar en la tabla anterior, esta intersección tendrá capacidad para manejar el tránsito que discurra por allí. Es importante mencionar que los resultados mostrados en el escenario futuro fueron obtenidos mediante la optimización de los tiempos del semáforo.

5.6.6 Intersección c. Caridad del Cobre y calle 30 Caná

Esta intersección se creará al construir la extensión de la calle Caridad del Cobre desde donde esta termina en la actualidad hasta la entrada del proyecto. La pata Sur tiene dos carriles por dirección de 3.3m de ancho cada uno. La pata

Oeste tiene un carril por dirección de 3.65m de ancho cada uno. La pata Norte tendrá 2 carriles por dirección de 3.3m de ancho cada uno. La siguiente figura muestra un croquis de esta intersección. Luego se presenta la tabla con los resultados de las modelaciones.

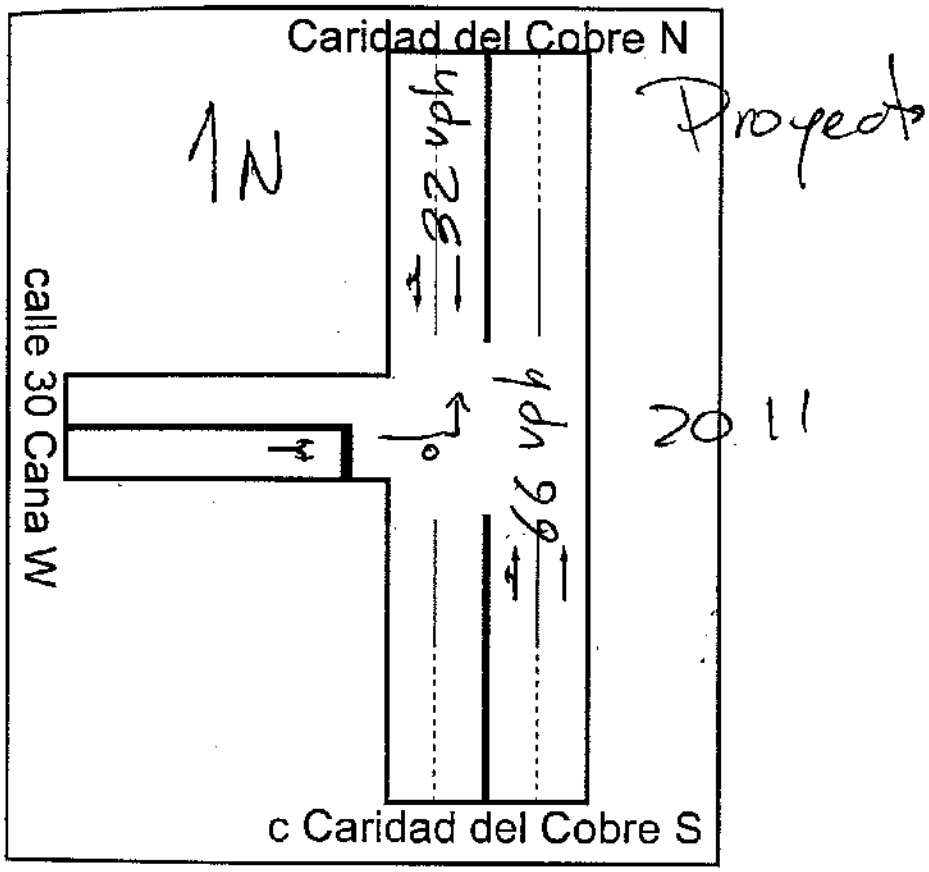


Figura 5 Diagrama Int. c. Caridad del Cobre y calle 30 Caná

Facto de 1.3 para 2031

APENDICE D

COMPUTOS DE PARAMETROS PARA MODELO DE PREDICCION DE NIVELES DE RUIDO Y LOCALIZACION DE RECEPTORES

Estudio Ruido - Caridad del Cobre
Bayamón

Coordenadas Futura Ave. Caridad del Cobre

Dirección Norte				Dirección Sur			
Pt	X	Y	Z	Pt	X	Y	Z
N-1	0	93	108	S-1	0	84	107.5
N-2	40	78	106	S-2	40	78	105.5
N-3	60	75	105.5	S-3	60	68	104.5
N-4	80	75	105.5	S-4	80	68	105.5
N-5	90	77	105.5	S-5	90	69	105.5
N-6	280	106	95.0	S-6	280	98	95.5

Coordenadas Receptores

	X	Y	Z
R-1	75	55	107.5
R-2	140	66	106.5
R-3	220	30	103

Volúmenes de Transito
De acuerdo a Estudio preparado por TCG

Pico 66 vph Dirección Norte } 2011 (Año de Operación)
32 vph Dirección Sur

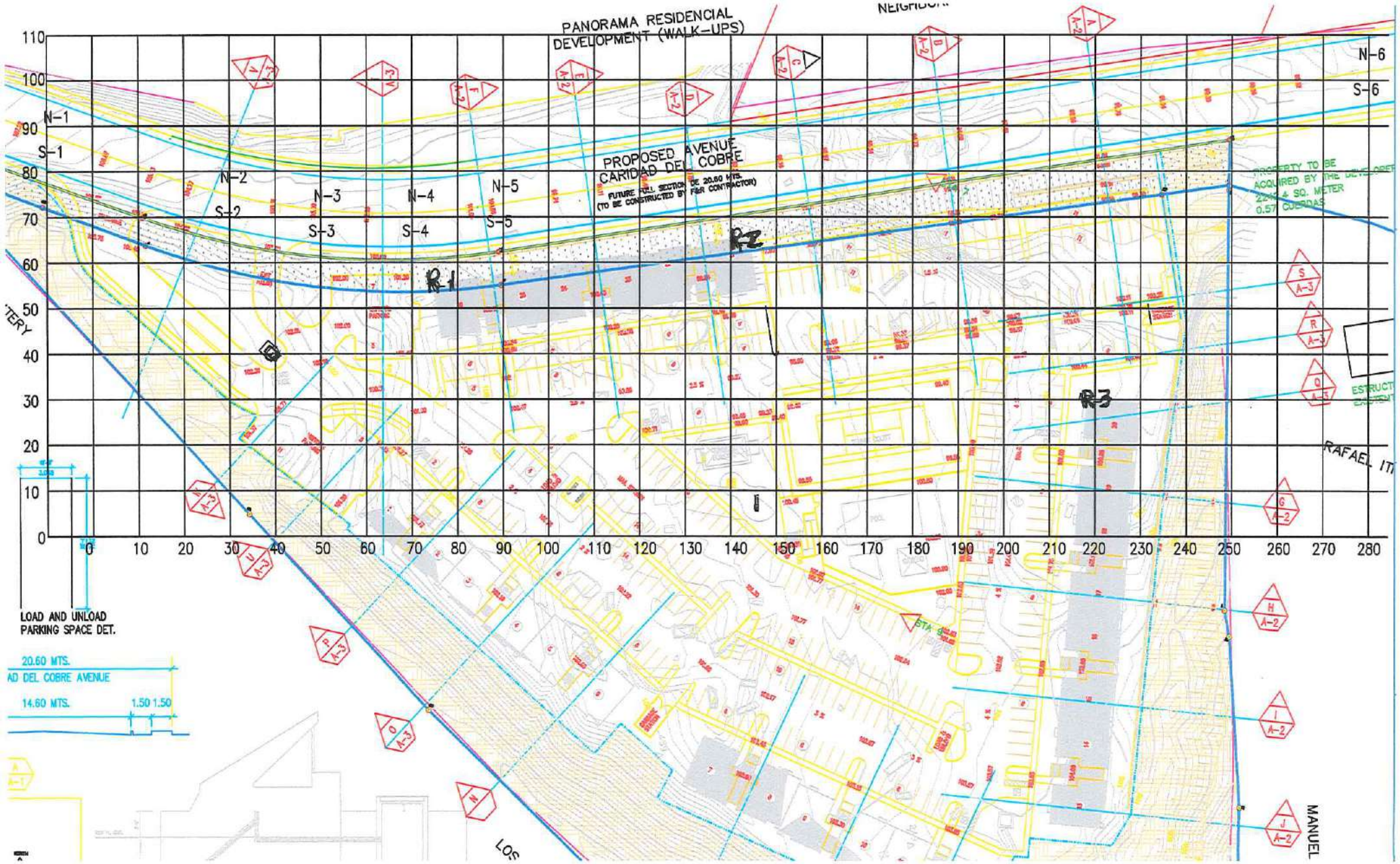
85 vph Norte } 2031 Estimado a 20 años
42 vph Sur

Distribución Vehicular

% Camiones = 4% (Asumido)

	2001	2031
Norte	63 - A 2 - MT 1 - HT	83 - A 1 - MT 2 - HT
Sur	30 - A 1 - MT 1 HT	40 - A 1 - MT 1 - HT

Asumo V = 40 MPH (64 KH) Tos Hyl


PANORAMA RESIDENCIAL
DEVELOPMENT (WALK-UPS)
NEIGHBOR
PROPOSED AVENUE
CARIDAD DEL COBRE
FUTURE FULL SECTION DE 20.60 MTS.
(TO BE CONSTRUCTED BY F&R CONTRACTOR)
PROPERTY TO BE
ACQUIRED BY THE DEVELOPER
0.57 CUERDAS
N-1
S-1
N-2
S-2
N-3
S-3
N-4
S-4
N-5
S-5
N-6
S-6
R1
R2
R3
RAFAEL ITI
MANUEL
LOS
LOAD AND UNLOAD
PARKING SPACE DET.
20.60 MTS.
AD DEL COBRE AVENUE
14.60 MTS.
1.50 1.50

APENDICE E

CORRIDA DEL PROGRAMA STAMINA 2.O
ANALISIS DE RUIDO EN RECEPTORES
MAS CERCANOS A LA AVENIDA
CONDICIONES DE TRANSITO AÑOS 2011 Y 2031

STAMINA 2.0/BCR
FHWA VERSION 3 (MARCH 1983)
TRAFFIC NOISE PREDICTION MODEL

(INPUT UNITS- METRIC , OUTPUT UNITS- METRIC)

NOISE STUDY CARIDAD DEL COBRE YEAR 2011

PROGRAM INITIALIZATION PARAMETERS

HEIGHT	CODE	DESCRIPTION
0.00	1	RECEIVER HEIGHT ADJUSTMENT
1.00	2	A-WEIGHTED SOUND LEVEL ONLY
0.00	3	HEIGHT ADJUSTMENT FOR PASSENGER CARS (CARS)
2.44	4	HEIGHT ADJUSTMENT FOR HEAVY TRUCKS (HT)
0.70	5	HEIGHT ADJUSTMENT FOR MEDIUM TRUCKS (MT)

ROADWAY 1 CC NORTH

VEHICLE TYPE	VEHICLES/HOUR	SPEED
CARS	63.	64.
HT	1.	64.
MT	2.	64.

	COORDINATES			
	X	Y	Z	GRADE
N-1	0.	93.	108.	
N-2	40.	78.	106.	
N-3	60.	75.	105.	
N-4	80.	75.	105.	
N-5	90.	77.	105.	
N-6	280.	106.	95.	

ROADWAY 2 CC SOUTH

VEHICLE TYPE	VEHICLES/HOUR	SPEED
CARS	30.	64.
HT	1.	64.
MT	1.	64.

	COORDINATES			
	X	Y	Z	GRADE
S-1	0.	84.	107.	
S-2	40.	72.	105.	
S-3	60.	68.	104.	
S-4	80.	68.	105.	
S-5	90.	69.	105.	
S-6	280.	98.	95.	

NEAREST APTS (1ST LE

	COORDINATES		
	X	Y	Z
R-1	75.	56.	107.
R-2	140.	67.	106.
R-3	220.	30.	103.

ALPHA FACTORS - RECEIVER ACROSS,ROADWAY DOWN

1 * 0.5 0.5 0.5
2 * 0.5 0.5 0.5

SHIELDING FACTORS - RECEIVER ACROSS,ROADWAY DOWN

1 * 0.0 0.0 0.0
2 * 0.0 0.0 0.0

RECEIVER	LEQ(H)	L10
R-1	56.9	58.2

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT				
1	1	2	3	4	5
	41.3	44.8	49.4	45.5	46.6
2	2	3	4	5	
	44.6	51.6	47.3	46.2	

RECEIVER	LEQ(H)	L10
R-2	58.1	59.1

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT
1	5
	53.9
2	5
	55.9

RECEIVER	LEQ(H)	L10
R-3	47.0	49.4

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT
1	5
	44.1
2	5
	43.3

STAMINA 2.0/BCR
FHWA VERSION 3 (MARCH 1983)
TRAFFIC NOISE PREDICTION MODEL

(INPUT UNITS- METRIC , OUTPUT UNITS- METRIC)

NOISE STUDY CARIDAD DEL COBRE YEAR 2031

PROGRAM INITIALIZATION PARAMETERS

HEIGHT	CODE	DESCRIPTION
0.00	1	RECEIVER HEIGHT ADJUSTMENT
1.00	2	A-WEIGHTED SOUND LEVEL ONLY
0.00	3	HEIGHT ADJUSTMENT FOR PASSENGER CARS (CARS)
2.44	4	HEIGHT ADJUSTMENT FOR HEAVY TRUCKS (HT)
0.70	5	HEIGHT ADJUSTMENT FOR MEDIUM TRUCKS (MT)

ROADWAY 1 CC NORTH

VEHICLE TYPE	VEHICLES/HOUR	SPEED
CARS	83.	64.
HT	1.	64.
MT	2.	64.

	COORDINATES			
	X	Y	Z	GRADE
N-1	0.	93.	108.	
N-2	40.	78.	106.	
N-3	60.	75.	105.	
N-4	80.	75.	105.	
N-5	90.	77.	105.	
N-6	280.	106.	95.	

ROADWAY 2 CC SOUTH

VEHICLE TYPE	VEHICLES/HOUR	SPEED
CARS	40.	64.
HT	1.	64.
MT	1.	64.

	COORDINATES			
	X	Y	Z	GRADE
S-1	0.	84.	107.	
S-2	40.	72.	105.	
S-3	60.	68.	104.	
S-4	80.	68.	105.	
S-5	90.	69.	105.	
S-6	280.	98.	95.	

NEAREST APTS (1ST LE

	COORDINATES		
	X	Y	Z
R-1	75.	56.	107.
R-2	140.	67.	106.
R-3	220.	30.	103.

ALPHA FACTORS - RECEIVER ACROSS,ROADWAY DOWN

1 * 0.5 0.5 0.5
2 * 0.5 0.5 0.5

SHIELDING FACTORS - RECEIVER ACROSS,ROADWAY DOWN

1 * 0.0 0.0 0.0
2 * 0.0 0.0 0.0

RECEIVER	LEQ(H)	L10
R-1	57.4	58.9

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT				
1	1	2	3	4	5
	41.9	45.5	50.1	46.1	47.2
2	1	2	3	4	5
	40.5	45.1	52.0	47.8	46.7

RECEIVER	LEQ(H)	L10
R-2	58.7	59.9

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT
1	5
	54.5
2	5
	56.3

RECEIVER	LEQ(H)	L10
R-3	47.6	50.2

ROADWAY SEGMENT SOUND LEVEL CONTRIBUTIONS EXCEEDING 40.0 DBA

ROADWAY	SEGMENT
1	5
	44.8
2	5
	43.8

Traffic Engineering Consultants, PSC

Estudio de Tránsito
Proyecto Residencial
Caridad del Cobre
Bayamón, PR

Preparado para:
Urbanus, Inc.
Octubre 2008

URB. ROOSEVELT • 481 C. FERNANDO CALDER # 1 • SAN JUAN, PR 00918-2728
TEL: (787)724-2007 • FAX: (787) 772-0690
INFO@TECPR.COM • WWW.TECPR.COM

Tabla de Contenido

1 Introducción 4

2 Localización y descripción de la acción propuesta 5

3 Metodología para la evaluación del impacto en el tránsito debido a la acción propuesta 6

4 Teoría 7

4.1 Evaluación de Nivel de Servicio (LOS) para una intersección 7
4.2 Relación entre demoras y Nivel de Servicio 8
4.3 Glosario 8

5 Análisis de Tránsito 11

5.1 Afluencia vehicular 11
5.2 Crecimiento Anual 12
5.3 Generación de Viajes 13
5.4 Distribución de Viajes 13
5.5 Tránsito Futuro 14
5.6 Modelación de Tránsito 15
5.6.1 Intersección PR-167 y PR-830 15
5.6.2 Intersección Marginal lado Oeste PR-167 y PR-830 18
5.6.3 Intersección Marginal lado Este PR-167 y PR-830 20
5.6.4 Intersección PR-830 y c. Caridad del Cobre 21
5.6.5 Intersección PR-199 y PR-840 23
5.6.6 Intersección c. Caridad del Cobre y calle 30 Caná 26

6 Conclusiones y Recomendaciones 29

7 Certificación 30

8 Referencias 31

9 Apéndices 32

9.1 Apéndice 1: Flujos Obtenidos Mediante Conteos 32
9.2 Apéndice 2: Listado de Archivos de Modelaciones 39
9.3 Apéndice 3: Fotografías de las intersecciones 40
9.4 Apéndice 4: Resultados modelaciones 43

Lista de Tablas

Tabla 1 Criterio del Nivel de Servicio para intersecciones....8
Tabla 2 Flujos Int. PR-167 y PR-830 (Condición Presente)....11
Tabla 3 Flujos Int. Marginal lado Oeste PR-167 y PR-830 (Condición Presente)....12
Tabla 4 Flujos Int. Marginal lado Este PR-167 y PR-830 (Condición Presente)....12
Tabla 5 Flujos Int. PR-830 y c. Caridad del Cobre (Condición Presente)....12
Tabla 6 Flujos Int. PR-199 y PR-840 (Condición Presente)....12
Tabla 7 Flujos c. Caridad del Cobre y calle 30 Caná (Condición Presente)....12
Tabla 8 Generación de Viajes....13
Tabla 9 Flujos Int. PR-167 y PR-830 (Condición Futuro)....14
Tabla 10 Flujos Int. Marginal lado Oeste y PR-830 (Condición Futuro)....14
Tabla 11 Flujos Int. Marginal lado Este PR-167 y PR-830 (Condición Futuro)....14
Tabla 12 Flujos Int. PR-830 y c. Caridad del Cobre (Condición Presente)....14
Tabla 13 Flujos Int. PR-199 y PR-840 (Condición Futuro)....15
Tabla 14 Flujos Int. c. Caridad del Cobre y calle 30 Caná (Condición Futuro)....15
Tabla 15 Resultados Modelación Int. PR-167 y PR-830....18
Tabla 16 Resultados Modelación Int. Marginal lado Oeste y PR-830....19
Tabla 17 Resultados Modelación Int. Marginal lado Este PR-167 y PR-830....21
Tabla 18 Resultados Modelación Int. PR-830 y c. Caridad del Cobre....23
Tabla 19 Resultados Modelación Int. PR-199 y PR-840....26
Tabla 20 Resultados Modelación Int. c. Caridad del Cobre y calle 30 Caná....28

Lista de Figuras

Figura 1 Mapa de Localización del Proyecto....5
Figura 2 Croquis y Diagrama de Fases Int. PR-167 y PR-830....17
Figura 3 Diagrama Int. PR-830 y c. Caridad del Cobre....22
Figura 4 Croquis y Diagrama de Fases Int. PR-199 y PR-840....25
Figura 5 Diagrama Int. c. Caridad del Cobre y calle 30 Caná....27
Figura 6 Fotografías Accesos Int. PR-167, marginales y PR-830....40
Figura 7 Fotografías Accesos Int. PR-830 y c. Caridad del Cobre....41
Figura 8 Fotografías Accesos Int. PR-199 y PR-840....42

1 INTRODUCCIÓN

La Autoridad de Carreteras y Transportación en su documento titulado "Guías para la Preparación de Estudios Operacionales de Acceso y de Tránsito para Puerto Rico" establece la necesidad y ámbito de los estudios relacionados al tema del tránsito según el tamaño del desarrollo. El documento establece dos (2) tipos de estudios para determinar el efecto que un desarrollo tendrá en su área de influencia: estudio de acceso y estudio de tránsito. El primero se define como aquel recomendable para proyectos pequeños, los cuales podrán tener un impacto significativo en las intersecciones formadas por los accesos propuestos y no, necesariamente, en el sistema vial. El segundo es aquel que incluye la evaluación operacional de las intersecciones formadas por los accesos propuestos y por las intersecciones más importantes que están localizadas cerca del desarrollo.

El desarrollo sujeto de este informe consiste en la construcción de un proyecto residencial multifamiliar con 182 apartamentos tipo "walk-up". Proyectos de este tamaño están sujetos a la preparación estudios de tránsito según las mencionadas guías. El siguiente informe presenta el estudio de tránsito en el área destinada para la construcción del proyecto "Caridad del Cobre". Este informe evalúa las condiciones presentes del área y el impacto que tendrá la acción propuesta. Se modelará el funcionamiento de las intersecciones afectadas por el nuevo desarrollo mediante el uso de programas de computadoras para el análisis de intersecciones con el fin de determinar el efecto final del mismo en las intersecciones de interés. De ser necesario, también se evaluará el efecto de las mejoras geométricas que sean necesarias para mitigar el efecto del proyecto.

2 LOCALIZACIÓN Y DESCRIPCIÓN DE LA ACCIÓN PROPUESTA

El proyecto propuesto,"Caridad del Cobre", estará localizado en un predio de 8.68 cuerdas, en el barrio Cerro Gordo del municipio de Bayamón. El acceso al proyecto sería a través de una extensión de la calle Caridad del Cobre.

La siguiente figura muestra un mapa de localización del proyecto.

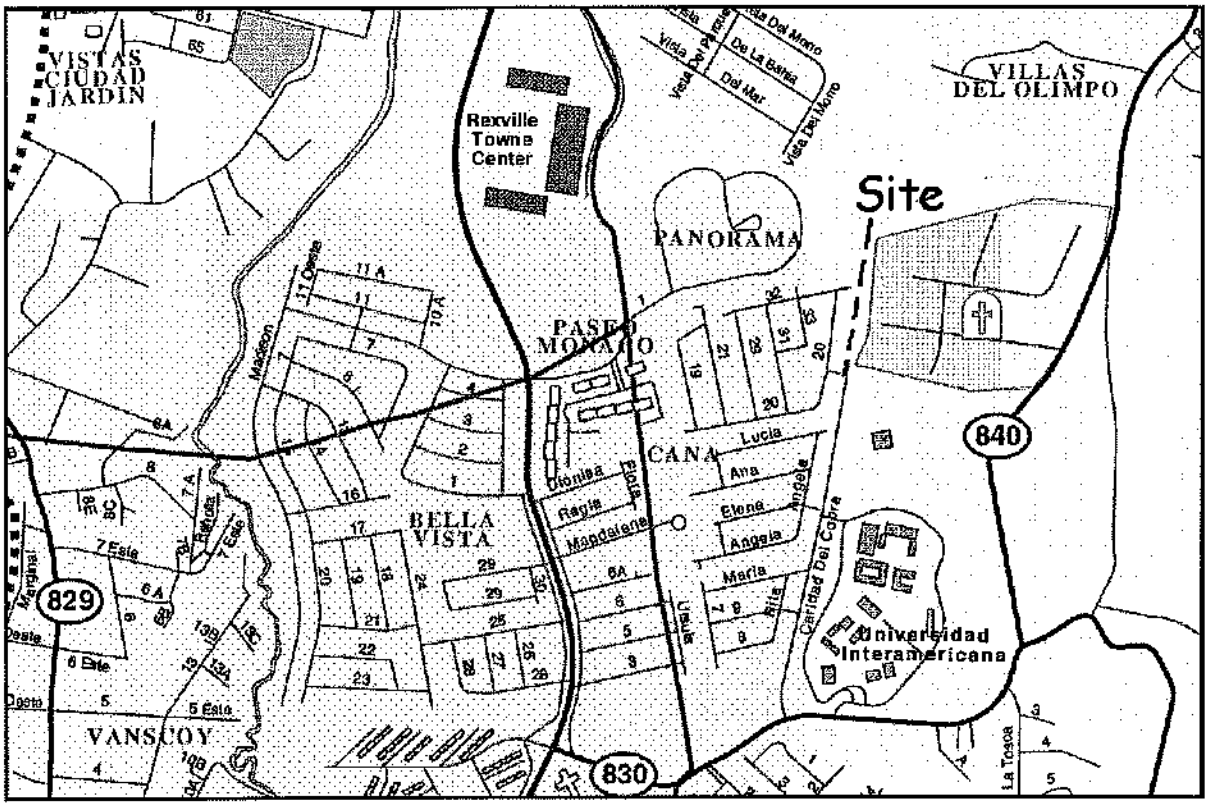


Figura 1 Mapa de Localización del Proyecto

3 METODOLOGÍA PARA LA EVALUACIÓN DEL IMPACTO EN EL TRÁNSITO DEBIDO A LA ACCIÓN PROPUESTA

1. El martes 30 de septiembre de 2008 se realizaron conteos de vehículos en el área de estudio durante las 12 horas de mayor afluencia vehicular. Los horarios de conteos fueron de 6:00 AM a 6:00 PM. Este conteo se hizo para determinar el número de vehículos usuarios de las vías de tránsito cercanas al área del proyecto. Las intersecciones medidas fueron las siguientes:

    a. Int. PR-167, sus marginales y la PR-830
    b. Int. PR-830 y c. Caridad del Cobre
    c. Int. PR-199 y PR-840
    d. Calle Caridad del Cobre y calle 30 (Acceso Caná)

2. Dado que el proyecto no estará completado hasta aproximadamente el año 2011, los flujos del año 2008 fueron expandidos a ese año usando un factor de crecimiento anual.

3. Utilizando como referencia el Manual de Generación de Viajes del ITE se estimó el número de viajes que se generarían desde y hacia el proyecto propuesto.

4. Con todos los datos recopilados se procedió a analizar las intersecciones en cuestión. Para realizar este análisis se utilizó el programa de computadoras Sidra Intersection 3.2. Las situaciones estudiadas fueron los períodos pico de la mañana y de la tarde con los flujos existentes, y las mismas situaciones al añadirse el crecimiento anual esperado y los flujos generados por el proyecto.

4 TEORÍA

4.1 Evaluación de Nivel de Servicio (LOS) para una intersección

El nivel de servicio es la metodología más conocida utilizada para la evaluación de una facilidad. El nivel de servicio representa las condiciones de operación de las intersecciones: el nivel de servicio "A" representa las condiciones excelentes de tránsito y el nivel "F", las peores condiciones. Tanto las intersecciones semaforizadas como las no semaforizadas pueden ser categorizadas utilizando esta metodología. Estos niveles de servicio a su vez se encuentran basados en las demoras promedio que tienen los vehículos en las intersecciones. A continuación se definen las categorías para cada nivel de servicio.

LOS A: Excelente

Esta es una condición de flujo libre, acompañada por bajos volúmenes de tránsito y altas velocidades. Hay poca o ninguna restricción en maniobrabilidad del conductor y los conductores pueden mantener sus deseadas velocidades con poco o ningún retraso.

LOS B: Muy Buena

En esta condición, la velocidad de operación comienza a estar restringida un tanto por las condiciones del tránsito. Los conductores aún tienen una libertad considerable para seleccionar su velocidad y carril de operación.

LOS C: Buena

Las velocidades y maniobrabilidad se vuelven más controladas por volúmenes de tránsito más altos. La mayoría de los conductores están restringidos en su libertad para seleccionar su propia velocidad, cambiar de carril o pasar.

LOS D: Aceptable

Este nivel de servicio se acerca a un flujo inestable, con velocidades operacionales tolerables siendo mantenidas, aunque considerablemente afectadas por los cambios en las condiciones operacionales. Los conductores tienen poca libertad para maniobrar y la comodidad y conveniencia son bajas.

LOS E: Capacidad

El flujo de tránsito se vuelve inestable y podría haber paradas momentáneas.

LOS F: Mala

En esta condición, la velocidad operacional podría bajar a cero y resultar en colas de tránsito.

4.2 Relación entre demoras y Nivel de Servicio

La Tabla 1, muestra las diferentes relaciones entre el nivel de servicio y las demoras promedio por cada vehículo en las intersecciones controladas ya sea por semáforo, señales de PARE o CEDA, o en rotondas. (Manual de aaSIDRA 2.1. Estas demoras tienen como componentes la demora de viajar a través de la intersección más la demora de la detención como consecuencia de la intersección.

Tabla 1 Criterio del Nivel de Servicio para intersecciones

Nivel de Servicio	Demora de vehículos (segs.)	
	Semáforo y Rotonda	PARE y CEDA
A	$d \leq 10$	$d \leq 10$
B	$10 < d \leq 20$	$10 < d \leq 15$
C	$20 < d \leq 35$	$15 < d \leq 25$
D	$35 < d \leq 55$	$25 < d \leq 35$
E	$55 < d \leq 80$	$35 < d \leq 50$
F	$80 < d$	$50 < d$

4.3 Glosario

A continuación se presenta una lista de términos comunes en la práctica de la ingeniería de tránsito, según definidos por la Autoridad de Carreteras y Transportación.

1. **Acceso (intersección)** – está caracterizado por un grupo de carriles en una dirección de la intersección, incluyendo los movimientos a la izquierda, recto y a la derecha.
2. **ADT** – "Average Daily Traffic", tránsito promedio diario en una facilidad de una carretera.
3. **Área de estudio** – área geográfica que contiene las intersecciones y segmentos más críticos de una carretera, los cuales se esperan sean afectados por el tránsito a ser generado por el desarrollo.
4. **Ciclo** – el período de tiempo requerido para una secuencia completa de indicaciones del semáforo.
5. **Desarrollo** – proyectos residenciales, comerciales, de oficinas, de hospederías e industriales, entre otros, que serán construidos en un predio de terreno sin desarrollar o que forman parte de una reconstrucción o expansión de una edificación existente.
6. **Día típico** – un martes, miércoles o jueves durante los días de clase entre los meses de enero a mayo y de agosto a diciembre. Para los usos comerciales, el sábado podrá incluirse entre los días típicos.
7. **Estudio operacional** – el análisis del impacto potencial al tránsito causado por un desarrollo propuesto. Este tipo de estudio dependerá del tipo y tamaño del proyecto. Para propósitos de este documento, un estudio operacional consistirá de un estudio de accesos o un estudio de tránsito.
8. **Factor de hora pico** – una medida de la fluctuación en la demanda vehicular dentro de la hora pico.
9. **Fase** – una parte del ciclo asignado a un movimiento de tránsito que tenga el derecho de paso o a una combinación de movimientos de tránsito que tengan simultáneamente el derecho de paso durante uno o más intervalos.
10. **Hora pico** – un período de una hora durante la mañana (AM) o durante la tarde (PM) que representa el volumen de tránsito más alto en el sistema, resultado de la suma de los volúmenes de cuatro (4) períodos de quince (15) minutos consecutivos.
11. **Modelos de micro-simulación** – modelos que simulan el movimiento individual de vehículos, basados en teorías de cambio de carril, dirección de los vehículos y forma de conducir.
12. **Nivel de Servicio ("Level of Service" - LOS)** – una medida cualitativa que describe las condiciones operacionales de un componente del sistema de transportación. Generalmente descrito por los siguientes factores: velocidad, tiempo de viaje, demora, interrupciones en el tránsito y seguridad.
13. **Semáforo actuado** – un tipo de sistema de semáforos mediante el cual se varían los intervalos de tiempo de acuerdo con las demandas del

tránsito registradas por la actuación de los detectores localizados en el pavimento de rodaje.

14. **Semáforo semi-actuado** – un tipo de sistema de semáforos donde los detectores son colocados en los accesos de menor flujo vehicular para permitirle prioridad de verde a los accesos principales.
15. **Semáforo de tiempo fijo** – un tipo de sistema de semáforos que opera con programas predeterminados de ciclos en intervalos.
16. **Volumen** – el número de personas o vehículos pasando por un punto de un carril o un segmento de carretera durante cierto intervalo de

5 ANÁLISIS DE TRÁNSITO

5.1 Afluencia vehicular

A modo de determinar el patrón de viajes actuales del sector se realizó un conteo manual en las intersecciones mencionadas anteriormente. Dichos conteos se realizaron en los periodos de 6:00 AM a 6:00 PM. Estas intersecciones son las críticas alrededor del proyecto.

Las tablas en el apéndice 1 ilustran el flujo vehicular obtenido mediante dichos conteos manuales. Para determinar la hora pico se buscaron los cuatro períodos consecutivos de 15 minutos con más flujo. Una vez se encontraba esta hora en los períodos AM y PM, se buscaba el período de 15 minutos con mayor flujo, y este valor multiplicado por cuatro era el que se utilizaba para la modelación. Dado que ya se está usando el valor del período de 15 minutos mas alto, el factor de hora pico a utilizarse es 1.0.

Los flujos mostrados están identificados por dos letras separadas por un guión. La primera representa el acceso de procedencia del movimiento en inglés: North, South, East & West. La segunda letra representa el tipo de movimiento: Left, Thru & Right.

Las siguientes tablas muestran los flujos vehiculares por acceso de las intersecciones estudiadas.

Tabla 2 Flujos Int. PR-167 y PR-830 (Condición Presente)

2008	PR-167			PR-830			PR-167			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	96	1368	888	344	32	120	352	580	4	12	48	76	3920
Pico PM	92	1016	284	500	56	100	392	1488	8	12	88	56	4092

Tabla 3 Flujos Int. Marginal lado Oeste PR-167 y PR-830 (Condición Presente)

2008	N/A			PR-830			Marginal PR-167			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	64	68	60	--	52	92	76	--	412
Pico PM	--	--	--	--	80	76	108	--	40	36	48	--	388

Tabla 4 Flujos Int. Marginal lado Este PR-167 y PR-830 (Condición Presente)

2008	Sur			Este			Norte			Oeste			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	464	116	24	--	32	112	1160	--	1908
Pico PM	--	--	--	--	564	40	56	--	92	36	696	--	1484

Tabla 5 Flujos Int. PR-830 y c. Caridad del Cobre (Condición Presente)

2008	N/A			PR-830			c. Caridad del Cobre			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	408	268	84	--	200	444	776	--	2180
Pico PM	--	--	--	--	632	80	84	--	324	308	532	--	1960

Tabla 6 Flujos Int. PR-199 y PR-840 (Condición Presente)

2008	PR-840			PR-199			PR-840			PR-199			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	176	192	344	112	1308	120	164	120	40	108	1208	124	4016
Pico PM	80	80	180	440	1956	68	132	236	88	60	1156	124	4600

Tabla 7 Flujos c. Caridad del Cobre y calle 30 Caná (Condición Presente)

2008	c. Caridad del Cobre			N/A			N/A			Urb. Caná			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	36	--	--	--	--	--	--	--	--	--	--	132	168
Pico PM	208	--	--	--	--	--	--	--	--	--	--	116	324

5.2 Crecimiento Anual

Los flujos obtenidos en el año 2008 fueron expandidos al año 2011, cuando el desarrollador entiende que el proyecto estará operando. Los flujos de la zona

fueron expandidos utilizando un factor de crecimiento que nos fue provisto por la Oficina de Recopilación de Datos y Análisis de Tránsito de la Autoridad de Carreteras y Transportación. Para las carreteras PR-167 y PR-199 en esta zona, el factor de crecimiento a 20 años es de 1.54, lo que equivale a 1.081 para tres años (2011). Para la carretera PR-830 en esta zona, el factor de crecimiento a 20 años es de 1.56, lo que equivale a 1.084 para tres años (2011).

5.3 Generación de Viajes

El desarrollo consiste de la construcción de un proyecto residencial multifamiliar con 182 apartamentos. Para realizar el cómputo de la cantidad de viajes que generaría este proyecto se utilizó el Manual de Generación de Viajes de ITE. La siguiente tabla muestra los resultados de estos cómputos.

Tabla 8 Generación de Viajes

				ADT			Pico AM			Pico PM		
Uso	Categoría	Tamaño	Unidad	Total	Entra	Sale	Total	Entra	Sale	Total	Entra	Sale
Condominio/Townhouse	230	182	Apartamentos	1,068	534	534	83	14	69	98	66	32
Total				1,068	534	534	83	14	69	98	66	32

5.4 Distribución de Viajes

Para la distribución de viajes presumimos que el 60% de los viajes totales vendrían desde el lado Este de la carretera PR-830, los que a su vez vendrían desde la carretera PR-199. En la intersección de la PR-199 y la PR-840 estarían divididos en 10% desde el Oeste, 10% desde el Norte y 40% desde el Este. El restante 40% del total de viajes vendría desde el lado Oeste de la PR-830. En la intersección de la PR-167 y la PR-830 los flujos se dividirían en 20% desde el Norte y 20% desde el Sur.

5.5 Tránsito Futuro

Para la modelación de la situación futura se tomaron los flujos de la situación base, se multiplicaron por el factor de crecimiento anual y se le añadieron los flujos que se obtuvieron en la etapa de generación de viajes, repartidos de acuerdo a la distribución que se explicó anteriormente más el crecimiento anual esperado. Las siguientes tablas muestran los flujos modelados.

Tabla 9 Flujos Int. PR-167 y PR-830 (Condición Futuro)

2011	PR-167			PR-830			PR-167			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	104	1479	963	386	35	144	384	627	4	13	52	82	4273
Pico PM	99	1098	320	547	61	114	437	1609	9	13	95	61	4463

Tabla 10 Flujos Int. Marginal lado Oeste y PR-830 (Condición Futuro)

2011	N/A			PR-830			Marginal PR-167			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	69	74	65	--	56	99	82	--	445
Pico PM	--	--	--	--	86	82	117	--	43	39	52	--	419

Tabla 11 Flujos Int. Marginal lado Este PR-167 y PR-830 (Condición Futuro)

2011	N/A			PR-830			Marginal PR-167			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	530	125	26	--	35	121	1260	--	2097
Pico PM	--	--	--	--	623	43	61	####	99	39	778	--	####

Tabla 12 Flujos Int. PR-830 y c. Caridad del Cobre (Condición Presente)

2011	N/A			PR-830			c. Caridad del Cobre			PR-830			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	--	--	--	--	442	299	132	--	245	487	841	--	2446
Pico PM	--	--	--	--	685	127	110	--	364	360	577	--	2223

Tabla 13 Flujos Int. PR-199 y PR-840 (Condición Futuro)

2011	PR-840			PR-199			PR-840			PR-199			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	197	215	400	127	1414	130	177	131	43	117	1306	135	4392
Pico PM	89	89	208	502	2114	74	143	262	95	65	1250	141	5032

Tabla 14 Flujos Int. c. Caridad del Cobre y calle 30 Caná (Condición Futuro)

2011	c. Caridad del Cobre			N/A			c. Caridad del Cobre			Urb. Caná			Total Hora
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
Pico AM	36	14	--	--	--	--	--	69	--	--	--	132	251
Pico PM	208	66	--	--	--	--	--	32	--	--	--	116	422

5.6 Modelación de Tránsito

Para la evaluación de las intersecciones aisladas afectadas se utilizó el programa "Sidra Intersection 3.2". Este modelo permite la evaluación de intersecciones semaforizadas y de prioridad, además de la optimización de las de semáforo, y es el preferido debido a su capacidad de predicción, aún en situaciones de sobresaturación. Para las intersecciones interconectadas se usó el programa Synchro.

5.6.1 Intersección PR-167 y PR-830

Esta intersección es controlada por semáforo, con una geometría de cruz. Debido a la cercanía de esta intersección a las próximas dos que intersecciones que presentamos, las mismas fueron analizadas utilizando el programa Synchro. La carretera PR-167 corre en los accesos Norte y Sur, y es la vía principal. La carretera PR-830 corre en las patas Este y Oeste. La pata Sur tiene dos carriles de egreso, y cuatro carriles de acceso. De estos cuatro carriles, el de la izquierda es uno corto de 50m de largo y 3.0m de ancho. Los restantes tres carriles tienen 3.5m

de ancho. La pata Norte tiene tres carriles de egreso, y tres carriles de acceso divididos en un carril corto de viraje a la izquierda de 88m de largo y 3.0m de ancho, y dos carriles regulares de 3.2m de ancho. La pata Este tiene dos carriles de egreso, y dos carriles de acceso de 3.65m de ancho. La pata Oeste tiene dos carriles de egreso, y dos carriles de acceso de 3.3m de ancho. La siguiente figura muestra un croquis de esta intersección, seguida por una tabla que muestra los resultados obtenidos para las distintas situaciones modeladas.

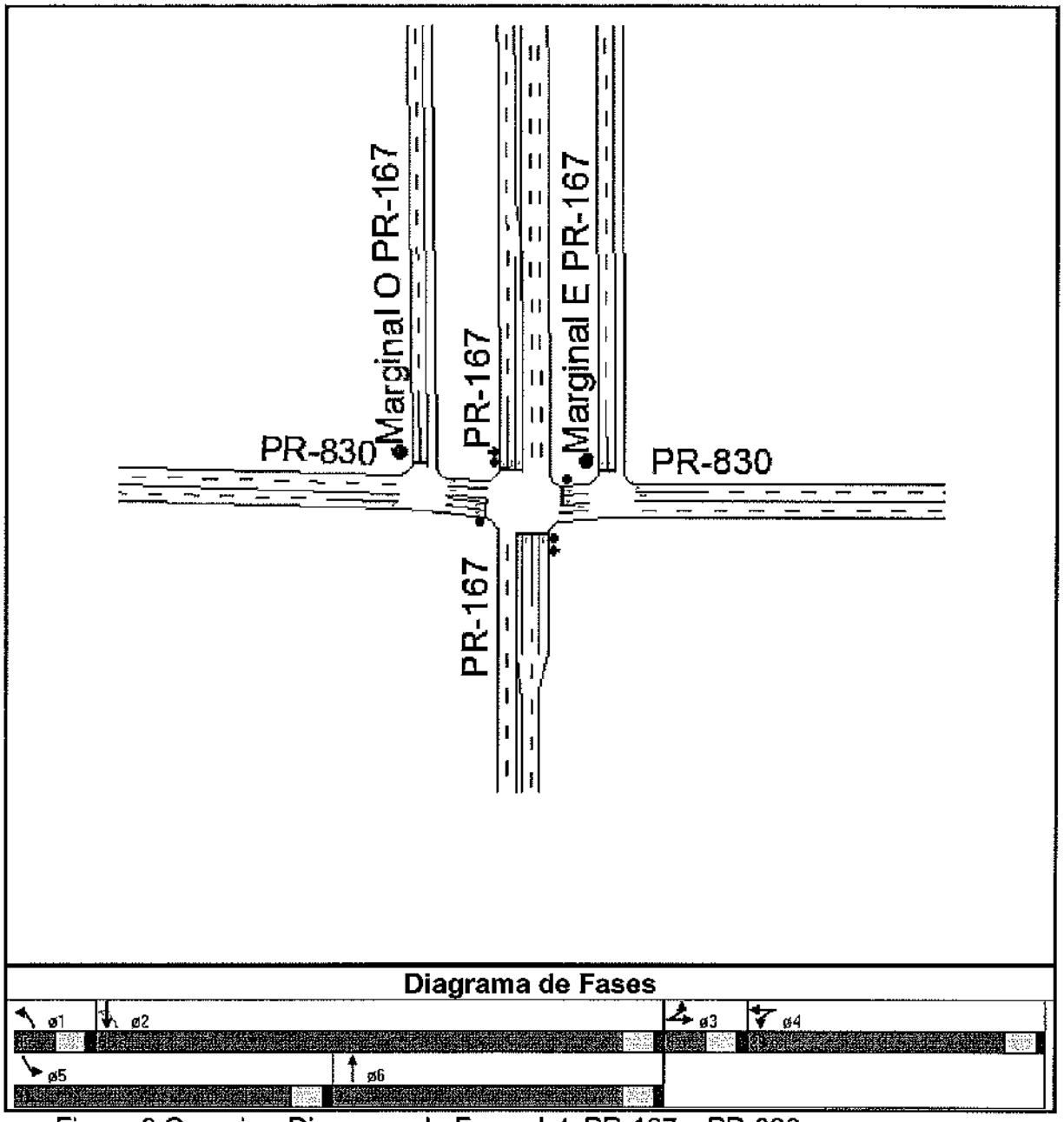


Figura 2 Croquis y Diagrama de Fases Int. PR-167 y PR-830

Tabla 15 Resultados Modelación Int. PR-167 y PR-830

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Oeste PR-830			Acceso Este PR-830			Acceso Sur PR-167			Acceso Norte PR-167			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Semáforo**
AM	Izquierda	--	--	--	109.5	F	67	7.1	A	6	86.4	F	90	51.5 D
	Recto	91.6	F	8	104.1	F	61	44.4	D	189	8.9	A	29	
	Derecha	--	--	--	--	--	--	--	--	--	--	--	--	
	Acceso	91.6	F	--	106.8	F	--	42.9	D	--	38.0	D	--	
PM	Izquierda	--	--	--	63.8	E	86	38.1	D	9	59.5	E	95	45.7 D
	Recto	84.0	F	14	61.6	E	79	48.0	D	110	29.2	C	161	
	Derecha	--	--	--	--	--	--	--	--	--	--	--	--	
	Acceso	84.0	F	--	62.7	E	--	47.3	D	--	35.5	D	--	
Futuro 2011													**Control=**	**Semáforo**
AM	Izquierda	--	--	--	126.3	F	88	7.9	A	8	127.4	F	119	68.8 E
	Recto	112.2	F	10	124.0	F	81	61.8	E	254	9.6	A	34	
	Derecha	--	--	--	--	--	--	--	--	--	--	--	--	
	Acceso	112.2	F	--	125.2	F	--	59.6	E	--	54.2	D	--	
PM	Izquierda	--	--	--	76.5	E	85	49.7	D	8	74.1	E	84	56.1 E
	Recto	95.5	F	11	70.0	E	78	61.2	E	97	34.4	C	148	
	Derecha	--	--	--	--	--	--	--	--	--	--	--	--	
	Acceso	95.5	F	--	73.3	E	--	60.4	E	--	42.8	D	--	

Como se puede notar, esta intersección tendrá capacidad para manejar el aumento en tránsito luego de que empiece a operar el proyecto bajo estudio. Hay que señalar que para obtener los resultados obtenidos en el escenario futuro, es necesario optimizar los tiempos del semáforo.

5.6.2 Intersección Marginal lado Oeste PR-167 y PR-830

Esta intersección es controlada por prioridad, con una geometría de "T". La marginal de la carretera PR-167 corre en la pata Norte. La PR-830 corren en las

patas Este y Oeste. La pata Norte tiene un carril por dirección de 3.1m de ancho cada uno. La pata Oeste tiene dos carriles de egreso de 3.3m de ancho cada uno, y dos carriles de acceso de 3.7m de ancho cada uno. La pata Este tiene dos carriles de egreso de 3.7m de ancho cada uno, y dos carriles de 3.3m de ancho cada uno. El diagrama de esta intersección fue mostrado junto al diagrama de la intersección de las carreteras PR-167 y PR-830. La siguiente tabla muestra los resultados de la modelación de esta intersección.

Tabla 16 Resultados Modelación Int. Marginal lado Oeste y PR-830

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Oeste PR-830			Acceso Este PR-830			Acceso Sur N/A			Acceso Norte Marginal PR-167			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Pare**
AM	Izquierda	6.1	A	2	--	--	--	--	--	--	10.7	B	4	4.7
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	4.3	A	--	0.0	A	--	--	--	--	10.7	B	--	
PM	Izquierda	5.3	A	1	--	--	--	--	--	--	10.6	B	5	4.8
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	3.3	A	--	0.0	A	--	--	--	--	10.6	B	--	
Futuro 2011													**Control=**	**Pare**
AM	Izquierda	6.1	A	2	--	--	--	--	--	--	11.0	B	5	4.7
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	4.3	A	--	0.0	A	--	--	--	--	11.0	B	--	
PM	Izquierda	5.3	A	1	--	--	--	--	--	--	10.9	B	6	4.9
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	3.3	A	--	0.0	A	--	--	--	--	10.9	B	--	

Como se puede notar, esta intersección no se verá afectada negativamente como consecuencia de la construcción del proyecto propuesto.

5.6.3 Intersección Marginal lado Este PR-167 y PR-830

Esta intersección es controlada por prioridad, con una geometría de "T". La marginal de la carretera PR-167 corre en la pata Norte. La PR-830 corren en las patas Este y Oeste. La pata Norte tiene un carril por dirección de 3.4m de ancho cada uno. La pata Oeste tiene dos carriles de egreso de 3.6m de ancho cada uno, y dos carriles de acceso de 3.7m de ancho cada uno. La pata Este tiene dos carriles de egreso de 3.7m de ancho cada uno, y dos carriles de 3.6m de ancho cada uno. El diagrama de esta intersección fue mostrado junto al diagrama de la intersección de las carreteras PR-167 y PR-830. La siguiente tabla muestra los resultados de la modelación de esta intersección.

Tabla 17 Resultados Modelación Int. Marginal lado Este PR-167 y PR-830

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Oeste PR-830			Acceso Este PR-830			Acceso Sur N/A			Acceso Norte Marginal PR-167			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Pare**
AM	Izquierda	3.1	A	3	--	--	--	--	--	--	24.1	C	7	1.5
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	1.2	A	--	0.0	A	--	--	--	--	24.1	C	--	
PM	Izquierda	1.5	A	1	--	--	--	--	--	--	19.6	C	13	2.2
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	0.6	A	--	0.0	A	--	--	--	--	19.6	C	--	
Futuro 2011													**Control=**	**Pare**
AM	Izquierda	3.4	A	3	--	--	--	--	--	--	30.5	D	9	1.8
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	1.3	A	--	0.0	A	--	--	--	--	30.5	D	--	
PM	Izquierda	1.6	A	1	--	--	--	--	--	--	24.0	C	18	2.6
	Recto	0.0	A	0	0.0	A	0	--	--	--	--	--	--	
	Derecha	--	--	--	0.0	A	0	--	--	--	--	--	--	
	Acceso	0.6	A	--	0.0	A	--	--	--	--	24.0	C	--	

Como se puede notar, esta intersección no se verá afectada negativamente como consecuencia de la construcción del proyecto propuesto.

5.6.4 Intersección PR-830 y c. Caridad del Cobre

Esta intersección es controlada por prioridad, con una geometría de "T". La carretera PR-830 compone los accesos Este y Oeste de la intersección. La calle Caridad del Cobre forma el acceso Norte. El acceso Norte está compuesto por 2

carriles por dirección de 3.4m de ancho cada uno. El acceso Este está constituido por 2 carriles en el egreso de 3.6m de ancho cada uno, y 2 carriles de acceso de 3.35m de ancho cada uno. La pata Oeste tiene 2 carriles de egreso de 3.35m de ancho, y 3 carriles de acceso de 3.65m de ancho cada uno. De estos, el de la izquierda es un carril corto de aproximadamente 60m de largo. La siguiente figura muestra un croquis de esta intersección. Luego se muestra la tabla de resultados de las modelaciones.

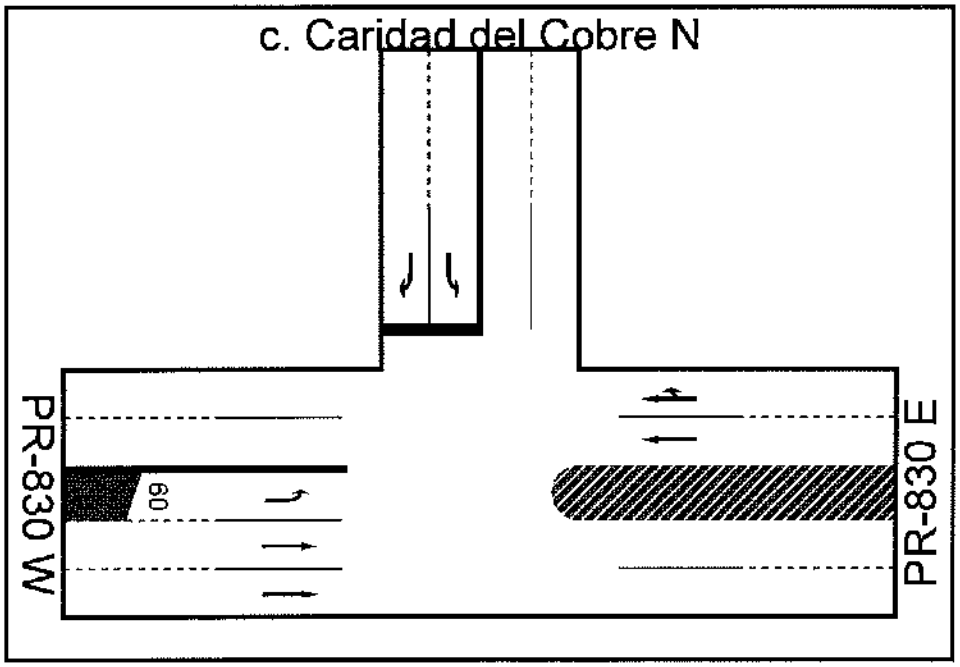


Figura 3 Diagrama Int. PR-830 y c. Caridad del Cobre

Tabla 18 Resultados Modelación Int. PR-830 y c. Caridad del Cobre

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Sur N/A			Acceso Este PR-830			Acceso Norte c. Caridad del Cobre			Acceso Oeste PR-830			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Pare**
AM	Izquierda	--	--	--	--	--	--	43.6	E	5	11.6	B	9	6.3
	Recto	--	--	--	0.0	A	0	--	--	--	0.0	A	0	
	Derecha	--	--	--	8.2	A	0	13.7	B	3	--	--	--	
	Acceso	--	--	--	3.2	A	--	22.6	C	5	4.2	A	9	
PM	Izquierda	--	--	--	--	--	--	29.2	D	4	13.4	B	7	6.5
	Recto	--	--	--	0.0	A	0	--	--	--	0.0	A	0	
	Derecha	--	--	--	8.2	A	0	16.7	C	8	--	--	--	
	Acceso	--	--	--	0.9	A	--	19.3	C	8	4.9	A	7	
Futuro 2011													**Control=**	**Pare**
AM	Izquierda	--	--	--	--	--	--	128.5	F	24	12.5	B	12	11.9
	Recto	--	--	--	0.0	A	0	--	--	--	0.0	A	0	
	Derecha	--	--	--	8.2	A	0	14.7	B	4	--	--		
	Acceso	--	--	--	3.3	A	--	54.5	F	24	4.6	A	12	
PM	Izquierda	--	--	--	--	--	--	42.9	E	7	15.1	C	10	8.1
	Recto	--	--	--	0.0	A	0	--	--	--	0.0	A	0	
	Derecha	--	--	--	8.2	A	0	19.0	C	11	--	--	10	
	Acceso	--	--	--	1.3	A	--	24.6	C	11	5.8	A	--	

Como se puede notar, esta intersección operará sin ningún problema luego de que comience la operación del proyecto bajo estudio.

5.6.5 Intersección PR-199 y PR-840

Esta intersección es controlada por un semáforo con una geometría en forma de cruz. La carretera PR-199 corre en el eje Este-Oeste y es la vía principal. La carretera PR-840 corre en el eje Norte-Sur, y es la vía secundaria. La pata Sur tiene 2 carriles de egreso de 3.35m de ancho, y dos carriles de acceso de 3.65m de ancho cada uno. La pata Este tiene 3 carriles de egreso de 3.9m de ancho, y 4

carriles de acceso. De estos 4 carriles, el de la izquierda es un carril corto de 3.05m de ancho y 52m de largo. El carril de la derecha mide 4m de ancho, y los restantes dos carriles miden 3.35m de ancho cada uno. La pata Norte tiene 2 carriles de egreso de 3.3m de ancho, y dos carriles de acceso de 3.5m de ancho cada uno. La pata Oeste tiene 3 carriles de egreso de 3.35m de ancho, y 4 carriles de acceso. De estos 4 carriles, el de la izquierda es un carril corto de 3.35m de ancho y 53m de largo. El carril de la derecha mide 4.2m de ancho, y los restantes dos carriles miden 3.35m de ancho cada uno. La siguiente figura muestra un croquis de esta intersección, y de su diagrama de fases. Luego se muestra una tabla con los resultados de las modelaciones realizadas.

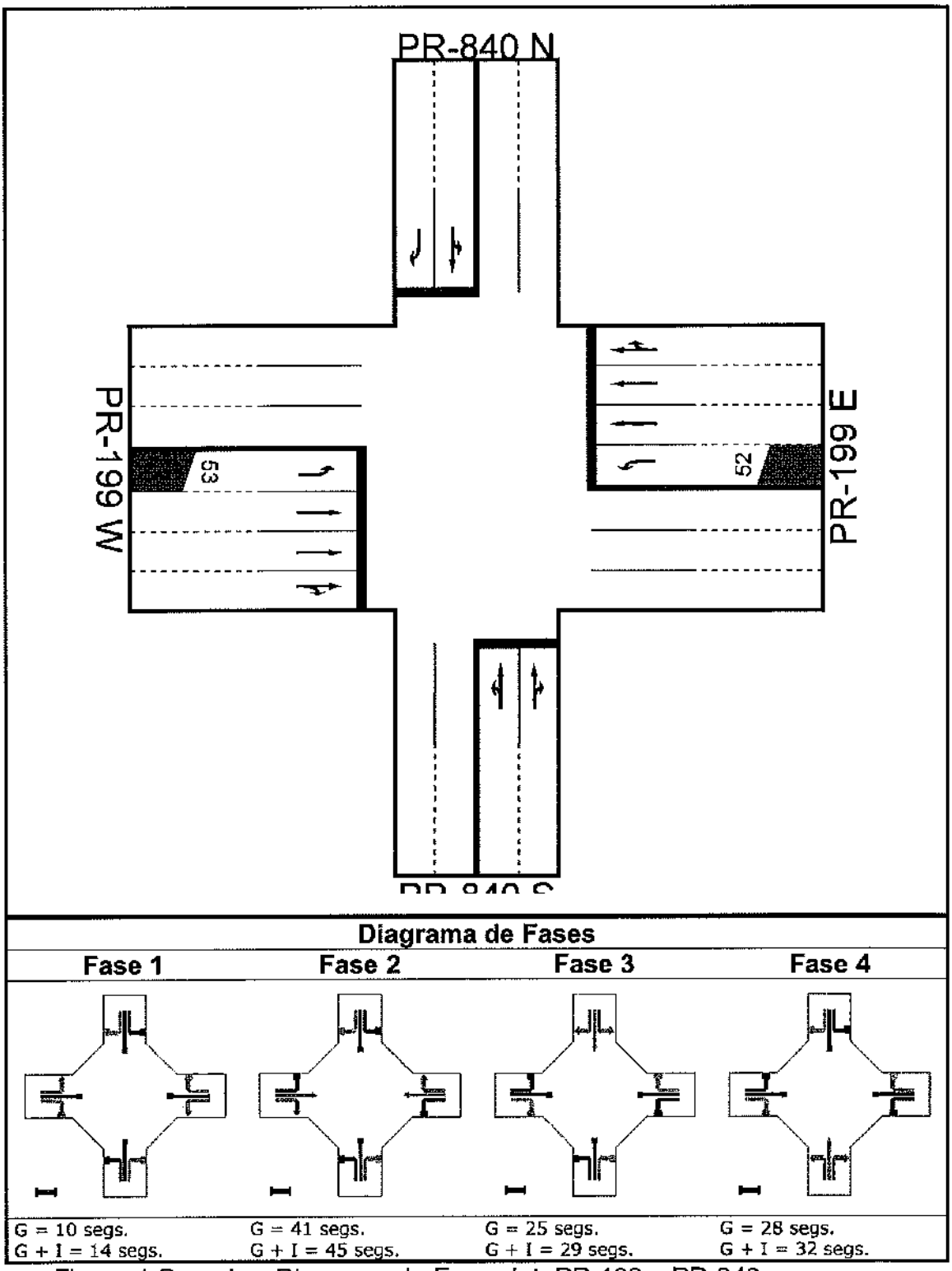


Figura 4 Croquis y Diagrama de Fases Int. PR-199 y PR-840

La siguiente tabla muestra los resultados de la modelaciones.

Tabla 19 Resultados Modelación Int. PR-199 y PR-840

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Sur PR-840			Acceso Este PR-199			Acceso Norte PR-830			Acceso Oeste PR-199			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Base 2008													**Control=**	**Semáforo**
AM	Izquierda	53.5	D	71	70.6	E	30	56.8	E	68	69.8	E	28	40.0 D
	Recto	39.0	D	71	36.5	D	103	48.9	D	68	35.6	D	94	
	Derecha	32.6	C	53	44.1	D	103	14.5	B	3	42.9	D	94	
	Acceso	39.5	D	71	39.6	D	103	48.8	D	68	38.8	D	94	
PM	Izquierda	102.2	F	37	50.5	D	52	87.0	F	77	41.2	D	11	55.7 E
	Recto	80.1	F	58	60.2	E	238	79.1	E	77	31.0	C	83	
	Derecha	78.3	E	58	74.1	E	238	87.3	F	62	38.9	D	83	
	Acceso	84.3	F	58	59.6	E	238	83.0	F	77	32.2	C	83	
Futuro 2011													**Control=**	**Semáforo**
AM	Izquierda	50.9	D	68	56.9	E	26	49.8	D	61	55.1	E	23	36.5 D
	Recto	38.4	D	68	33.8	C	96	41.9	D	61	30.6	C	84	
	Derecha	37.8	D	65	41.5	D	96	15.2	B	3	37.8	D	84	
	Acceso	41.1	D	68	36.1	D	96	42.6	D	61	33.0	C	84	
PM	Izquierda	73.9	E	30	43.7	D	52	89.8	F	73	38.8	D	10	50.5 D
	Recto	57.5	E	47	59.4	E	220	72.0	E	73	22.8	C	67	
	Derecha	60.4	E	47	70.6	E	214	71.7	E	47	30.9	C	67	
	Acceso	62.8	E	47	58.0	E	220	77.0	E	73	24.3	C	67	

Como se puede notar en la tabla anterior, esta intersección tendrá capacidad para manejar el tránsito que discurra por allí. Es importante mencionar que los resultados mostrados en el escenario futuro fueron obtenidos mediante la optimización de los tiempos del semáforo.

5.6.6 Intersección c. Caridad del Cobre y calle 30 Caná

Esta intersección se creará al construir la extensión de la calle Caridad del Cobre desde donde esta termina en la actualidad hasta la entrada del proyecto. La pata Sur tiene dos carriles por dirección de 3.3m de ancho cada uno. La pata

Oeste tiene un carril por dirección de 3.65m de ancho cada uno. La pata Norte tendrá 2 carriles por dirección de 3.3m de ancho cada uno. La siguiente figura muestra un croquis de esta intersección. Luego se presenta la tabla con los resultados de las modelaciones.

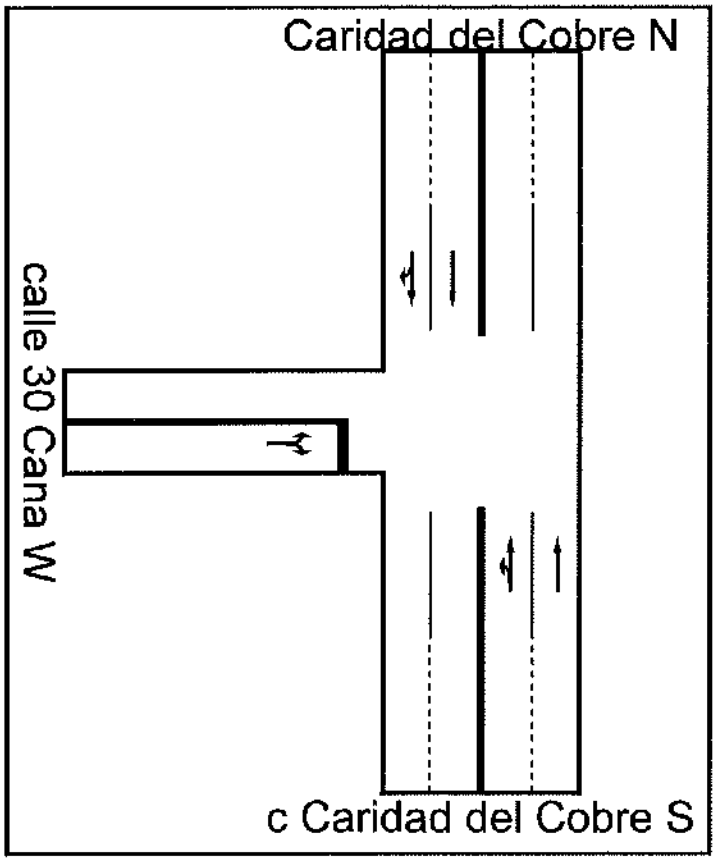


Figura 5 Diagrama Int. c. Caridad del Cobre y calle 30 Caná

Tabla 20 Resultados Modelación Int. c. Caridad del Cobre y calle 30 Caná

		Demora Promedio por Vehículo [seg.], Nivel de Servicio (LOS) y Cola Máxima [metros]												
		Acceso Sur c. Caridad del Cobre			Acceso Este N/A			Acceso Norte Caridad del Cobre			Acceso Oeste Calle 30 Caná			Demora y LOS Total Int.
		Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	Demora y LOS		Cola	
Futuro 2011													**Control=**	**Pare**
AM	Izquierda	8.5	A	0	--	--	--	--	--	--	10.9	B	1	7.0
	Recto	0.0	A	0	--	--	--	0.0	A	0	--	--	--	
	Derecha	--	--	--	--	--	--	8.2	A	0	11.0	B	1	
	Acceso	6.1	A	0	--	--	--	0.1	A	--	11.0	B	1	
PM	Izquierda	8.4	A	2	--	--	--	--	--	--	10.8	B	1	7.1
	Recto	0.0	A	0	--	--	--	0.0	A	0	--	--	--	
	Derecha	--	--	--	--	--	--	8.2	A	0	10.8	B	1	
	Acceso	6.4	A	2	--	--	--	0.2	A	--	10.8	B	1	

Como se puede notar, esta intersección tendrá capacidad para manejar el tránsito proyectado en el escenario futuro. La construcción de esta nueva intersección no creará problemas en el tránsito del área.

En el apéndice 3 se muestran fotografías de las intersecciones analizadas, seguido por el apéndice 4, donde se muestran los resultados de las modelaciones de SIDRA. La versión electrónica de dichas modelaciones está disponible para la revisión de las agencias gubernamentales concernientes comunicándose a nuestra oficina vía telefónica o a la dirección de correo electrónico: info@tecpr.com.

6 CONCLUSIONES Y RECOMENDACIONES

Luego de analizar los resultados de las modelaciones incluidas en este estudio podemos concluir que el proyecto "Caridad del Cobre" es uno viable en el área donde se pretende su desarrollo. La construcción del proyecto no requiere la construcción de mejoras mayores en la red vial existente. La única recomendación general que tenemos es que se optimicen los tiempos de los semáforos en la zona.

7 CERTIFICACIÓN

Certifico que la información presentada en este estudio es cierta, correcta y completa, y que fue obtenida utilizando los criterios de la practica usual y aceptada de la ingeniería de tránsito

Carlos M. Contreras, PE, PTOE
Lic. 13395

CARLOS M. CONTRERAS
INGENIERO
LICENCIADO
LIC. 13395
PUERTO RICO

8 REFERENCIAS

1. Trip Generation Manual, Institute of Transportation Engineers, 7th edition, 2003
2. Trip Generation Handbook: An ITE Recommended Practice, Institute of Transportation Engineers, March 2001
3. SIDRA 3.2 User Manual
4. Guías para la Preparación de Estudios Operacionales de Accesos y de Tránsito para Puerto Rico, Autoridad de Carretera y Transportación, 2004

9 APÉNDICES

9.1 Apéndice 1: Flujos Obtenidos Mediante Conteos

Conteo Int. PR-167 y PR-830

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00	1	252	207	44	6	28	18	95	1	10	22	3	687
6:15	12	313	241	56	6	29	23	111	4	12	22	4	833
6:30	17	376	214	49	6	44	87	124	0	2	8	8	935
6:45	13	356	200	52	5	50	86	134	1	1	12	15	925
7:00	**24**	**342**	**222**	**86**	**8**	**30**	**88**	**145**	**1**	**3**	**12**	**19**	**980**
7:15	19	258	204	87	17	39	76	145	0	4	19	25	893
7:30	15	207	123	100	13	24	110	175	2	7	14	35	825
7:45	17	259	125	63	9	57	85	155	0	3	17	33	823
8:00	23	294	141	58	13	54	133	146	8	3	21	13	907
8:15	27	303	111	56	13	56	118	153	11	8	26	7	889
8:30	10	322	109	54	10	46	93	158	4	8	19	16	849
8:45	15	287	101	53	8	40	97	144	4	3	13	14	779
9:00	12	235	55	42	8	41	78	135	2	4	22	10	644
9:15	11	244	52	45	7	24	61	122	3	2	14	12	597
9:30	8	233	48	22	9	40	63	129	5	3	12	11	583
9:45	7	221	65	39	6	38	55	133	4	5	11	23	607
10:00	4	189	89	54	6	44	56	145	3	2	12	11	615
10:15	5	198	79	52	4	34	38	166	2	1	12	14	605
10:30	6	211	77	56	5	32	34	157	1	3	11	12	605
10:45	2	210	69	66	4	31	33	169	2	3	10	13	612
11:00	5	206	61	64	6	37	51	192	4	7	15	17	665
11:15	4	212	113	101	9	13	50	204	1	0	15	11	733
11:30	9	195	81	114	9	26	103	176	1	4	10	9	737
11:45	7	171	86	91	16	22	81	208	3	7	8	11	711
12:00	8	149	78	75	11	24	83	243	2	4	16	9	702
12:15	9	186	77	70	7	37	81	186	1	4	10	4	672
12:30	13	183	80	65	14	37	59	267	3	4	23	15	763
12:45	17	227	80	68	12	30	58	231	4	3	17	7	754
13:00	8	200	65	74	11	23	68	227	2	2	11	11	702
13:15	7	198	66	66	10	24	75	217	4	4	14	14	699
13:30	6	187	56	75	9	33	66	200	2	1	12	12	659
13:45	9	199	58	58	8	42	68	245	1	2	11	11	712
14:00	8	197	99	89	9	32	66	212	3	3	8	12	738
14:15	12	210	100	99	10	33	63	233	2	2	9	10	783
14:30	**11**	**222**	**125**	**100**	**11**	**24**	**54**	**266**	**1**	**1**	**7**	**8**	**830**
14:45	10	211	78	129	14	22	55	275	2	2	8	8	814
15:00	13	221	101	125	15	34	63	286	1	1	9	13	882
15:15	18	200	94	137	13	16	59	311	2	4	13	5	872
15:30	25	204	94	141	11	21	55	305	1	1	9	10	877
15:45	10	198	86	152	10	24	85	282	3	2	17	11	880
16:00	14	189	105	151	11	49	109	330	0	2	5	18	983
16:15	11	219	84	148	21	31	71	329	2	1	11	18	946
16:30	8	222	112	143	19	25	47	315	2	7	15	15	930
16:45	12	232	95	123	14	30	80	339	3	5	9	20	962
17:00	23	223	136	136	13	21	68	312	0	4	16	21	973
17:15	21	221	126	156	10	11	81	327	3	5	8	25	994
17:30	**23**	**254**	**71**	**125**	**14**	**25**	**98**	**372**	**2**	**3**	**22**	**14**	**1023**
17:45	19	221	78	124	11	26	72	359	1	3	17	30	961

Conteo Marginal lado Oeste PR-167 y PR-830

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00					6	2	4		0	1	31		44
6:15					11	11	12		4	6	26		70
6:30					9	14	9		3	4	9		48
6:45					3	16	15		1	4	13		52
7:00					**16**	**17**	**15**		**13**	**23**	**19**		**103**
7:15					30	6	4		4	12	44		100
7:30					12	18	29		6	7	27		99
7:45					0	26	34		10	10	19		99
8:00					12	32	29		11	4	8		96
8:15					25	26	18		8	5	23		105
8:30					9	15	21		6	6	22		79
8:45					9	18	18		7	7	12		71
9:00					10	12	11		8	2	25		68
9:15					7	14	14		7	4	14		60
9:30					5	17	12		6	5	14		59
9:45					6	11	14		9	2	25		67
10:00					1	12	11		8	3	14		49
10:15					-3	14	16		5	2	11		45
10:30					-4	16	17		6	4	9		48
10:45					-5	13	15		5	2	11		41
11:00					-2	17	21		4	2	18		60
11:15					-6	20	16		6	2	10		48
11:30					-7	26	18		8	3	5		53
11:45					11	15	26		7	5	0		64
12:00					11	10	18		11	2	11		63
12:15					1	16	15		7	3	3		45
12:30					**6**	**24**	**29**		**11**	**3**	**13**		**86**
12:45					6	27	25		6	3	2		69
13:00					-3	24	21		8	3	3		56
13:15					0	21	14		7	2	18		62
13:30					-3	20	17		6	4	8		52
13:45					-4	22	16		9	3	8		54
14:00					-3	23	11		9	5	12		57
14:15					0	24	19		8	4	2		57
14:30					-3	26	14		11	7	2		57
14:45					6	20	16		14	6	2		64
15:00					2	27	11		15	5	12		72
15:15					1	32	19		6	6	3		67
15:30					18	19	13		7	3	7		67
15:45					10	13	19		6	7	11		66
16:00					1	24	24		11	3	1		64
16:15					12	22	22		21	8	8		93
16:30					12	17	26		14	4	11		84
16:45					12	17	21		16	6	13		85
17:00					15	21	21		11	4	20		92
17:15					13	21	16		14	8	22		94
17:30					**20**	**19**	**27**		**10**	**9**	**12**		**97**
17:45					14	17	43		10	5	7		96

Conteo Marginal lado Este PR-167 y PR-830

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00					6	2	4		0	1	31		44
6:15					11	11	12		4	6	26		70
6:30					9	14	9		3	4	9		48
6:45					3	16	15		1	4	13		52
7:00					**16**	**17**	**15**		**13**	**23**	**19**		**103**
7:15					30	6	4		4	12	44		100
7:30					12	18	29		6	7	27		99
7:45					0	26	34		10	10	19		99
8:00					12	32	29		11	4	8		96
8:15					25	26	18		8	5	23		105
8:30					9	15	21		6	6	22		79
8:45					9	18	18		7	7	12		71
9:00					10	12	11		8	2	25		68
9:15					7	14	14		7	4	14		60
9:30					5	17	12		6	5	14		59
9:45					6	11	14		9	2	25		67
10:00					1	12	11		8	3	14		49
10:15					-3	14	16		5	2	11		45
10:30					-4	16	17		6	4	9		48
10:45					-5	13	15		5	2	11		41
11:00					-2	17	21		4	2	18		60
11:15					-6	20	16		6	2	10		48
11:30					-7	26	18		8	3	5		53
11:45					11	15	26		7	5	0		64
12:00					11	10	18		11	2	11		63
12:15					1	16	15		7	3	3		45
12:30					**6**	**24**	**29**		**11**	**3**	**13**		**86**
12:45					6	27	25		6	3	2		69
13:00					-3	24	21		8	3	3		56
13:15					0	21	14		7	2	18		62
13:30					-3	20	17		6	4	8		52
13:45					-4	22	16		9	3	8		54
14:00					-3	23	11		9	5	12		57
14:15					0	24	19		8	4	2		57
14:30					-3	26	14		11	7	2		57
14:45					6	20	16		14	6	2		64
15:00					2	27	11		15	5	12		72
15:15					1	32	19		6	6	3		67
15:30					18	19	13		7	3	7		67
15:45					10	13	19		6	7	11		66
16:00					1	24	24		11	3	1		64
16:15					12	22	22		21	8	8		93
16:30					12	17	26		14	4	11		84
16:45					12	17	21		16	6	13		85
17:00					15	21	21		11	4	20		92
17:15					13	21	16		14	8	22		94
17:30					**20**	**19**	**27**		**10**	**9**	**12**		**97**
17:45					14	17	43		10	5	7		96

Conteo PR-830 y calle Caridad del Cobre

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00					6	2	4		0	1	31		44
6:15					11	11	12		4	6	26		70
6:30					9	14	9		3	4	9		48
6:45					3	16	15		1	4	13		52
7:00					**16**	**17**	**15**		**13**	**23**	**19**		**103**
7:15					30	6	4		4	12	44		100
7:30					12	18	29		6	7	27		99
7:45					0	26	34		10	10	19		99
8:00					12	32	29		11	4	8		96
8:15					25	26	18		8	5	23		105
8:30					9	15	21		6	6	22		79
8:45					9	18	18		7	7	12		71
9:00					10	12	11		8	2	25		68
9:15					7	14	14		7	4	14		60
9:30					5	17	12		6	5	14		59
9:45					6	11	14		9	2	25		67
10:00					1	12	11		8	3	14		49
10:15					-3	14	16		5	2	11		45
10:30					-4	16	17		6	4	9		48
10:45					-5	13	15		5	2	11		41
11:00					-2	17	21		4	2	18		60
11:15					-6	20	16		6	2	10		48
11:30					-7	26	18		8	3	5		53
11:45					11	15	26		7	5	0		64
12:00					11	10	18		11	2	11		63
12:15					1	16	15		7	3	3		45
12:30					**6**	**24**	**29**		**11**	**3**	**13**		**86**
12:45					6	27	25		6	3	2		69
13:00					-3	24	21		8	3	3		56
13:15					0	21	14		7	2	18		62
13:30					-3	20	17		6	4	8		52
13:45					-4	22	16		9	3	8		54
14:00					-3	23	11		9	5	12		57
14:15					0	24	19		8	4	2		57
14:30					-3	26	14		11	7	2		57
14:45					6	20	16		14	6	2		64
15:00					2	27	11		15	5	12		72
15:15					1	32	19		6	6	3		67
15:30					18	19	13		7	3	7		67
15:45					10	13	19		6	7	11		66
16:00					1	24	24		11	3	1		64
16:15					12	22	22		21	8	8		93
16:30					12	17	26		14	4	11		84
16:45					12	17	21		16	6	13		85
17:00					15	21	21		11	4	20		92
17:15					13	21	16		14	8	22		94
17:30					**20**	**19**	**27**		**10**	**9**	**12**		**97**
17:45					14	17	43		10	5	7		96

Conteo PR-199 y PR-840

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00	12	41	74	18	148	21	18	12	1	11	204	10	570
6:15	18	42	80	12	194	24	25	14	7	10	274	10	710
6:30	19	33	98	13	229	26	26	17	8	18	279	24	790
6:45	39	39	99	25	293	33	36	28	17	30	297	29	965
7:00	**44**	**48**	**86**	**28**	**327**	**30**	**41**	**30**	**10**	**27**	**302**	**31**	**1004**
7:15	40	66	96	32	301	35	37	33	17	39	231	50	977
7:30	42	67	95	33	321	30	30	35	9	34	212	35	943
7:45	40	51	85	35	367	26	35	33	8	18	244	48	990
8:00	33	45	65	33	279	25	32	34	9	19	278	56	908
8:15	39	41	66	35	291	24	30	23	10	14	264	45	882
8:30	36	40	69	36	290	23	36	25	11	15	330	42	953
8:45	35	28	55	39	238	21	22	23	14	20	274	41	810
9:00	29	25	53	33	224	20	29	39	12	22	225	40	751
9:15	24	22	45	24	214	22	24	35	12	14	213	52	701
9:30	33	22	59	25	222	32	25	34	11	12	234	40	749
9:45	25	25	52	39	235	24	23	33	10	14	215	28	723
10:00	39	27	45	33	233	29	33	28	18	14	214	25	738
10:15	40	25	46	28	245	19	42	45	13	13	222	24	762
10:30	33	24	35	27	247	18	41	44	14	18	239	21	761
10:45	34	21	38	25	214	17	35	39	12	21	200	20	676
11:00	23	23	33	39	220	24	26	33	11	14	187	23	656
11:15	22	22	39	33	189	23	24	34	14	17	209	25	651
11:30	39	24	45	36	198	22	20	29	13	15	211	24	676
11:45	34	23	44	45	233	19	22	33	12	22	200	22	709
12:00	35	25	39	44	245	21	38	35	11	13	215	19	740
12:15	24	22	30	49	256	20	33	36	10	12	214	22	728
12:30	25	27	33	52	233	19	34	39	8	13	200	33	716
12:45	21	25	34	41	245	18	33	42	9	18	189	24	699
13:00	20	29	32	44	236	17	24	41	7	19	197	26	692
13:15	23	28	36	39	257	15	29	40	8	22	200	28	725
13:30	28	23	24	33	249	22	21	33	9	24	211	21	698
13:45	23	11	25	42	222	29	20	39	10	23	214	19	677
14:00	33	14	41	41	239	33	33	33	11	33	222	18	751
14:15	24	19	45	33	256	24	25	41	12	24	233	22	758
14:30	**27**	**21**	**44**	**39**	**249**	**23**	**29**	**45**	**9**	**19**	**239**	**24**	**768**
14:45	19	22	43	55	222	20	35	42	14	14	222	23	731
15:00	22	23	48	36	224	21	33	33	17	10	217	20	704
15:15	20	20	43	56	279	19	41	39	18	11	216	11	773
15:30	21	22	45	58	291	22	40	40	10	18	256	19	842
15:45	22	24	43	66	371	20	44	46	11	19	246	17	929
16:00	21	21	50	90	301	16	54	55	12	14	301	27	962
16:15	26	20	55	85	251	17	48	67	19	18	282	34	922
16:30	20	22	48	112	258	31	41	74	10	14	266	26	922
16:45	17	21	45	85	368	20	33	77	14	18	263	25	986
17:00	18	24	48	97	391	25	40	62	11	19	301	31	1067
17:15	**20**	**20**	**45**	**110**	**489**	**17**	**33**	**59**	**22**	**15**	**289**	**31**	**1150**
17:30	15	22	41	100	415	23	58	55	15	17	286	34	1081
17:45	20	23	35	91	389	22	43	51	12	19	245	36	986

Conteo calle Caridad del Cobre y calle 30 (acceso Caná)

Comienzo Periodo	Movimiento												Total
	S-L	S-T	S-R	E-L	E-T	E-R	N-L	N-T	N-R	W-L	W-T	W-R	
6:00	4											19	23
6:15	3											31	34
6:30	**9**											**33**	**42**
6:45	8											29	37
7:00	12											25	37
7:15	5											14	19
7:30	6											21	27
7:45	15											21	36
8:00	17											16	33
8:15	9											18	27
8:30	10											19	29
8:45	11											11	22
9:00	10											14	24
9:15	12											12	24
9:30	14											12	26
9:45	19											14	33
10:00	22											16	38
10:15	20											11	31
10:30	20											18	38
10:45	23											13	36
11:00	**29**											**22**	**51**
11:15	20											20	40
11:30	25											21	46
11:45	15											22	37
12:00	21											11	32
12:15	15											17	32
12:30	28											24	52
12:45	19											12	31
13:00	18											14	32
13:15	12											18	30
13:30	19											15	34
13:45	12											14	26
14:00	24											12	36
14:15	22											16	38
14:30	25											19	44
14:45	15											13	28
15:00	**52**											**29**	**81**
15:15	45											15	60
15:30	52											22	74
15:45	59											18	77
16:00	25											31	56
16:15	31											36	67
16:30	21											21	42
16:45	33											25	58
17:00	43											35	78
17:15	52											28	80
17:30	34											32	66
17:45	33											34	67

9.2 Apéndice 2: Listado de Archivos de Modelaciones

Archivo	Lugar	Periodo
01 PR-167 y PR-830 BA.sy7	01 PR-167 y PR-830	Pico AM Base
01 PR-167 y PR-830 BP.sy7	01 PR-167 y PR-830	Pico PM Base
01 PR-167 y PR-830 FA.sy7	01 PR-167 y PR-830	Pico AM Futuro
01 PR-167 y PR-830 FP.sy7	01 PR-167 y PR-830	Pico PM Futuro
Caridad del Cobre.aap	02 Int. PR-830 y c. Caridad del Cobre	Pico AM Base
Caridad del Cobre.aap	02 Int. PR-830 y c. Caridad del Cobre	Pico PM Base
Caridad del Cobre.aap	02 Int. PR-830 y c. Caridad del Cobre	Pico AM Futuro
Caridad del Cobre.aap	02 Int. PR-830 y c. Caridad del Cobre	Pico PM Futuro
Caridad del Cobre.aap	03 Int PR-199 y PR-840	Pico AM Base
Caridad del Cobre.aap	03 Int PR-199 y PR-840	Pico PM Base
Caridad del Cobre.aap	03 Int PR-199 y PR-840	Pico AM Futuro
Caridad del Cobre.aap	03 Int PR-199 y PR-840	Pico PM Futuro
Caridad del Cobre.aap	04 Int c. Caridad del Cobre y Caná	Pico AM Futuro
Caridad del Cobre.aap	04 Int c. Caridad del Cobre y Caná	Pico PM Futuro

9.3 Apéndice 3: Fotografías de las intersecciones

Acceso Norte

Acceso Sur

Acceso Oeste

Acceso Este

Marginal Oeste

Marginal Este

Figura 6 Fotografías Accesos Int. PR-167, marginales y PR-830

Acceso Norte

Acceso Oeste

Acceso Este

Acceso Sur

Figura 7 Fotografías Accesos Int. PR-830 y c. Caridad del Cobre

Acceso Norte

Acceso Oeste

Acceso Este

Acceso Sur

Figura 8 Fotografías Accesos Int. PR-199 y PR-840

9.4 Apéndice 4: Resultados modelaciones

Lane Group	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	136	245	251	96	2256	352	584
v/c Ratio	0.80	0.99	0.96	0.18	1.06dr	0.95	0.26
Control Delay	60.6	109.4	95.2	5.9	42.0	86.6	8.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	60.6	109.4	95.2	5.9	42.0	86.6	8.9
Queue Length 50th (m)	8.1	66.7	60.6	6.3	189.4	89.7	29.0
Queue Length 95th (m)	#25.4	#122.0	#115.7	11.1	#230.2	#148.4	37.2
Internal Link Dist (m)	17.0		17.0		458.9		700.2
Turn Bay Length (m)				50.0		88.0	
Base Capacity (vph)	170	248	261	525	2347	369	2262
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.80	0.99	0.96	0.18	0.96	0.95	0.26

Intersection Summary

#. 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

dr. Defacto Right Lane. Recode with 1 though lane as a right lane.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	3.7	3.3	3.7	3.7	3.6	3.7	3.0	3.5	3.7	3.0	3.2	3.7
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		0.95		0.95	0.95		1.00	0.91		1.00	0.95	
Frt		0.92		1.00	0.93		1.00	0.94		1.00	1.00	
Flt Protected		1.00		0.95	0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		3121		1700	1611		1652	4732		1652	3378	
Flt Permitted		1.00		0.95	0.98		0.41	1.00		0.95	1.00	
Satd. Flow (perm)		3121		1700	1611		709	4732		1652	3378	
Volume (vph)	12	48	76	344	32	120	96	1368	888	352	580	4
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	12	48	76	344	32	120	96	1368	888	352	580	4
RTOR Reduction (vph)	0	74	0	0	26	0	0	90	0	0	0	0
Lane Group Flow (vph)	0	62	0	245	225	0	96	2166	0	352	584	0
Turn Type	Split			Split			D.P+P			Prot		
Protected Phases	3	3		4	4		1	6		5	2	
Permitted Phases							2					
Actuated Green, G (s)		4.0		19.0	19.0		91.0	62.0		29.0	87.0	
Effective Green, g (s)		4.0		19.0	19.0		91.0	62.0		29.0	87.0	
Actuated g/C Ratio		0.03		0.15	0.15		0.70	0.48		0.22	0.67	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)		96		248	235		525	2257		369	2261	
v/s Ratio Prot		c0.02		c0.14	0.14		0.01	c0.46		c0.21	0.17	
v/s Ratio Perm							0.12					
v/c Ratio		0.65		0.99	0.96		0.18	1.06dr		0.95	0.26	
Uniform Delay, d1		62.3		55.4	55.1		6.3	32.8		49.8	8.6	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		29.3		54.1	49.0		0.8	11.6		36.6	0.3	
Delay (s)		91.6		109.5	104.1		7.1	44.4		86.4	8.9	
Level of Service		F		F	F		A	D		F	A	
Approach Delay (s)		91.6			106.8			42.9			38.0	
Approach LOS		F			F			D			D	

Intersection Summary			
HCM Average Control Delay	51.5	HCM Level of Service	D
HCM Volume to Capacity ratio	0.95		
Actuated Cycle Length (s)	130.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	97.3%	ICU Level of Service	F
Analysis Period (min)	15		

dr Defacto Right Lane. Recode with 1 though lane as a right lane.

c Critical Lane Group

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	92	76	64	68	60	52
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	92	76	64	68	60	52
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)			41			
pX, platoon unblocked						
vC, conflicting volume	132				320	66
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	132				320	66
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	94				90	95
cM capacity (veh/h)	1451				607	984

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	117	51	43	89	112
Volume Left	92	0	0	0	60
Volume Right	0	0	0	68	52
cSH	1451	1700	1700	1700	739
Volume to Capacity	0.06	0.03	0.03	0.05	0.15
Queue Length 95th (m)	1.5	0.0	0.0	0.0	4.0
Control Delay (s)	6.1	0.0	0.0	0.0	10.7
Lane LOS	A				B
Approach Delay (s)	4.3		0.0		10.7
Approach LOS					B

Intersection Summary			
Average Delay	4.7		
Intersection Capacity Utilization	25.6%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	112	1160	464	116	24	32
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	112	1160	464	116	24	32
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)		41				
pX, platoon unblocked						
vC, conflicting volume	580				1326	290
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	580				1326	290
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	89				82	95
cM capacity (veh/h)	990				130	707

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	499	773	309	271	56
Volume Left	112	0	0	0	24
Volume Right	0	0	0	116	32
cSH	990	1700	1700	1700	244
Volume to Capacity	0.11	0.45	0.18	0.16	0.23
Queue Length 95th (m)	2.9	0.0	0.0	0.0	6.5
Control Delay (s)	3.1	0.0	0.0	0.0	24.1
Lane LOS	A				C
Approach Delay (s)	1.2		0.0		24.1
Approach LOS					C

Intersection Summary			
Average Delay	1.5		
Intersection Capacity Utilization	65.2%	ICU Level of Service	C
Analysis Period (min)	15		

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT	SEL	SET	NWL	NWT
Lane Group Flow (vph)	156	333	323	92	1300	392	1496					
v/c Ratio	0.77	0.82	0.80	0.61	0.85	0.83	0.82					
Control Delay	63.7	64.5	59.9	33.0	46.5	60.2	29.7					
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
Total Delay	63.7	64.5	59.9	33.0	46.5	60.2	29.7					
Queue Length 50th (m)	13.5	85.6	78.6	8.9	109.9	94.5	161.1					
Queue Length 95th (m)	#30.7	#134.1	#124.8	#26.1	128.7	#144.7	193.0					
Internal Link Dist (m)	17.0		17.0		458.9		700.2					
Turn Bay Length (m)				50.0		88.0						
Base Capacity (vph)	202	405	405	152	1535	470	1820					
Starvation Cap Reductn	0	0	0	0	0	0	0					
Spillback Cap Reductn	0	0	0	0	0	0	0					
Storage Cap Reductn	0	0	0	0	0	0	0					
Reduced v/c Ratio	0.77	0.82	0.80	0.61	0.85	0.83	0.82					

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	3.7	3.3	3.7	3.7	3.6	3.7	3.0	3.5	3.7	3.0	3.2	3.7
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		0.95		0.95	0.95		1.00	0.91		1.00	0.95	
Frt		0.95		1.00	0.95		1.00	0.97		1.00	1.00	
Flt Protected		1.00		0.95	0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		3225		1700	1645		1652	4864		1652	3379	
Flt Permitted		1.00		0.95	0.97		0.07	1.00		0.95	1.00	
Satd. Flow (perm)		3225		1700	1645		118	4864		1652	3379	
Volume (vph)	12	88	56	500	56	100	92	1016	284	392	1488	8
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	12	88	56	500	56	100	92	1016	284	392	1488	8
RTOR Reduction (vph)	0	53	0	0	12	0	0	39	0	0	0	0
Lane Group Flow (vph)	0	103	0	333	311	0	92	1261	0	392	1496	0
Turn Type	Split			Split			D.P+P			Prot		
Protected Phases	3	3		4	4		1	6		5	2	
Permitted Phases							2					
Actuated Green, G (s)		6.0		31.0	31.0		77.0	40.0		37.0	70.0	
Effective Green, g (s)		6.0		31.0	31.0		77.0	40.0		37.0	70.0	
Actuated g/C Ratio		0.05		0.24	0.24		0.59	0.31		0.28	0.54	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)		149		405	392		152	1497		470	1819	
v/s Ratio Prot		c0.03		c0.20	0.19		0.03	0.26		c0.24	c0.44	
v/s Ratio Perm							0.32					
v/c Ratio		0.69		0.82	0.79		0.61	0.84		0.83	0.82	
Uniform Delay, d1		61.1		46.9	46.5		21.5	42.1		43.6	24.8	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		22.9		17.0	15.1		16.6	5.9		15.9	4.3	
Delay (s)		84.0		63.8	61.6		38.1	48.0		59.5	29.2	
Level of Service		F		E	E		D	D		E	C	
Approach Delay (s)		84.0			62.7			47.3			35.5	
Approach LOS		F			E			D			D	

Intersection Summary			
HCM Average Control Delay	45.7	HCM Level of Service	D
HCM Volume to Capacity ratio	0.81		
Actuated Cycle Length (s)	130.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	84.0%	ICU Level of Service	E
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	36	48	80	76	108	40
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	36	48	80	76	108	40
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)			41			
pX, platoon unblocked						
vC, conflicting volume	156				214	78
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	156				214	78
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	97				85	96
cM capacity (veh/h)	1422				736	967

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	52	32	53	103	148
Volume Left	36	0	0	0	108
Volume Right	0	0	0	76	40
cSH	1422	1700	1700	1700	787
Volume to Capacity	0.03	0.02	0.03	0.06	0.19
Queue Length 95th (m)	0.6	0.0	0.0	0.0	5.2
Control Delay (s)	5.3	0.0	0.0	0.0	10.6
Lane LOS	A				B
Approach Delay (s)	3.3		0.0		10.6
Approach LOS					B

Intersection Summary			
Average Delay	4.8		
Intersection Capacity Utilization	26.4%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	36	696	564	40	56	92
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	36	696	564	40	56	92
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)		41				
pX, platoon unblocked						
vC, conflicting volume	604				1004	302
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	604				1004	302
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	96				76	87
cM capacity (veh/h)	970				229	694

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	268	464	376	228	148
Volume Left	36	0	0	0	56
Volume Right	0	0	0	40	92
cSH	970	1700	1700	1700	393
Volume to Capacity	0.04	0.27	0.22	0.13	0.38
Queue Length 95th (m)	0.9	0.0	0.0	0.0	13.0
Control Delay (s)	1.5	0.0	0.0	0.0	19.6
Lane LOS	A				C
Approach Delay (s)	0.6		0.0		19.6
Approach LOS					C

Intersection Summary			
Average Delay	2.2		
Intersection Capacity Utilization	55.9%	ICU Level of Service	B
Analysis Period (min)	15		

Lane Group	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	147	281	284	104	2442	384	631
v/c Ratio	0.87	1.05	1.02	0.21	1.14dr	1.08	0.28
Control Delay	72.1	125.1	109.6	6.6	58.4	123.1	9.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	72.1	125.1	109.6	6.6	58.4	123.1	9.7
Queue Length 50th (m)	9.5	~89.1	~79.4	7.5	~254.3	~118.9	34.4
Queue Length 95th (m)	#29.7	#148.4	#140.2	12.8	#281.4	#181.0	43.3
Internal Link Dist (m)	17.0		17.0		458.9		700.2
Turn Bay Length (m)				50.0		88.0	
Base Capacity (vph)	169	267	279	496	2382	354	2269
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.87	1.05	1.02	0.21	1.03	1.08	0.28

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

dr Defacto Right Lane. Recode with 1 though lane as a right lane.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	3.7	3.3	3.7	3.7	3.6	3.7	3.0	3.5	3.7	3.0	3.2	3.7
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		0.95		0.95	0.95		1.00	0.91		1.00	0.95	
Frt		0.92		1.00	0.92		1.00	0.94		1.00	1.00	
Flt Protected		1.00		0.95	0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		3121		1700	1605		1652	4731		1652	3379	
Flt Permitted		1.00		0.95	0.98		0.38	1.00		0.95	1.00	
Satd. Flow (perm)		3121		1700	1605		668	4731		1652	3379	
Volume (vph)	13	52	82	386	35	144	104	1479	963	384	627	4
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	13	52	82	386	35	144	104	1479	963	384	627	4
RTOR Reduction (vph)	0	80	0	0	26	0	0	84	0	0	0	0
Lane Group Flow (vph)	0	67	0	281	258	0	104	2358	0	384	631	0
Turn Type	Split			Split			D.P+P			Prot		
Protected Phases	3	3		4	4		1	6		5	2	
Permitted Phases							2					
Actuated Green, G (s)		4.0		22.0	22.0		98.0	68.0		30.0	94.0	
Effective Green, g (s)		4.0		22.0	22.0		98.0	68.0		30.0	94.0	
Actuated g/C Ratio		0.03		0.16	0.16		0.70	0.49		0.21	0.67	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)		89		267	252		496	2298		354	2269	
v/s Ratio Prot		c0.02		c0.17	0.16		0.01	c0.50		c0.23	0.19	
v/s Ratio Perm							0.14					
v/c Ratio		0.76		1.05	1.02		0.21	1.14dr		1.08	0.28	
Uniform Delay, d1		67.5		59.0	59.0		6.9	36.0		55.0	9.3	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		44.7		69.5	62.8		1.0	25.8		72.4	0.3	
Delay (s)		112.2		128.5	121.8		7.9	61.8		127.4	9.6	
Level of Service		F		F	F		A	E		F	A	
Approach Delay (s)		112.2			125.2			59.6			54.2	
Approach LOS		F			F			E			D	

Intersection Summary			
HCM Average Control Delay	68.8	HCM Level of Service	E
HCM Volume to Capacity ratio	1.04		
Actuated Cycle Length (s)	140.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	105.2%	ICU Level of Service	G
Analysis Period (min)	15		

dr Defacto Right Lane. Recode with 1 though lane as a right lane.

c Critical Lane Group

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	99	82	69	74	65	56
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	99	82	69	74	65	56
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)			41			
pX, platoon unblocked						
vC, conflicting volume	143				345	72
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	143				345	72
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	93				89	94
cM capacity (veh/h)	1437				582	976

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	126	55	46	97	121
Volume Left	99	0	0	0	65
Volume Right	0	0	0	74	56
cSH	1437	1700	1700	1700	716
Volume to Capacity	0.07	0.03	0.03	0.06	0.17
Queue Length 95th (m)	1.7	0.0	0.0	0.0	4.6
Control Delay (s)	6.1	0.0	0.0	0.0	11.0
Lane LOS	A				B
Approach Delay (s)	4.3		0.0		11.0
Approach LOS					B

Intersection Summary			
Average Delay	4.7		
Intersection Capacity Utilization	26.8%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	121	1260	530	125	26	35
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	121	1260	530	125	26	35
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)		41				
pX, platoon unblocked						
vC, conflicting volume	655				1464	328
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	655				1464	328
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	87				75	95
cM capacity (veh/h)	928				104	668

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	541	840	353	302	61
Volume Left	121	0	0	0	26
Volume Right	0	0	0	125	35
cSH	928	1700	1700	1700	201
Volume to Capacity	0.13	0.49	0.21	0.18	0.30
Queue Length 95th (m)	3.4	0.0	0.0	0.0	9.3
Control Delay (s)	3.4	0.0	0.0	0.0	30.5
Lane LOS	A				D
Approach Delay (s)	1.3		0.0		30.5
Approach LOS					D

Intersection Summary			
Average Delay	1.8		
Intersection Capacity Utilization	70.6%	ICU Level of Service	C
Analysis Period (min)	15		

Lane Group	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	169	417	405	99	1418	437	1618
v/c Ratio	0.90	0.98	0.95	0.73	1.00	0.98	0.94
Control Delay	75.5	78.0	69.5	44.3	59.6	75.6	35.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	75.5	78.0	69.5	44.3	59.6	75.6	35.1
Queue Length 50th (m)	11.1	84.7	78.2	7.8	~97.1	84.1	148.3
Queue Length 95th (m)	#30.8	#147.0	#139.1	#23.1	#130.9	#144.4	#203.5
Internal Link Dist (m)	17.0		17.0		458.9		700.2
Turn Bay Length (m)				50.0		88.0	
Base Capacity (vph)	188	425	426	135	1413	446	1724
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.90	0.98	0.95	0.73	1.00	0.98	0.94

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	3.7	3.3	3.7	3.7	3.6	3.7	3.0	3.5	3.7	3.0	3.2	3.7
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		0.95		0.95	0.95		1.00	0.91		1.00	0.95	
Frt		0.95		1.00	0.96		1.00	0.97		1.00	1.00	
Flt Protected		1.00		0.95	0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		3224		1700	1648		1652	4859		1652	3379	
Flt Permitted		1.00		0.95	0.97		0.08	1.00		0.95	1.00	
Satd. Flow (perm)		3224		1700	1648		136	4859		1652	3379	
Volume (vph)	13	95	61	647	61	114	99	1098	320	437	1609	9
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	13	95	61	647	61	114	99	1098	320	437	1609	9
RTOR Reduction (vph)	0	59	0	0	14	0	0	53	0	0	0	0
Lane Group Flow (vph)	0	110	0	417	391	0	99	1365	0	437	1618	0
Turn Type	Split			Split			D.P+P			Prot		
Protected Phases	3	3		4	4		1	6		5	2	
Permitted Phases							2					
Actuated Green, G (s)		4.0		25.0	25.0		55.0	28.0		27.0	51.0	
Effective Green, g (s)		4.0		25.0	25.0		55.0	28.0		27.0	51.0	
Actuated g/C Ratio		0.04		0.25	0.25		0.55	0.28		0.27	0.51	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)		129		425	412		135	1361		446	1723	
v/s Ratio Prot		c0.03		c0.25	0.24		0.03	0.28		c0.26	c0.48	
v/s Ratio Perm							0.37					
v/c Ratio		0.86		0.98	0.95		0.73	1.00		0.98	0.94	
Uniform Delay, d1		47.7		37.3	36.9		20.3	36.0		36.2	23.0	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		47.8		39.2	33.1		29.4	25.2		37.9	11.3	
Delay (s)		95.5		76.5	70.0		49.7	61.2		74.1	34.4	
Level of Service		F		E	E		D	E		E	C	
Approach Delay (s)		95.5			73.3			60.4			42.8	
Approach LOS		F			E			E			D	

Intersection Summary			
HCM Average Control Delay	56.1	HCM Level of Service	E
HCM Volume to Capacity ratio	0.94		
Actuated Cycle Length (s)	100.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	93.9%	ICU Level of Service	F
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	39	52	86	82	117	43
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	39	52	86	82	117	43
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)			41			
pX, platoon unblocked						
vC, conflicting volume	168				231	84
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	168				231	84
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	97				84	96
cM capacity (veh/h)	1407				716	958

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	56	35	57	111	160
Volume Left	39	0	0	0	117
Volume Right	0	0	0	82	43
cSH	1407	1700	1700	1700	768
Volume to Capacity	0.03	0.02	0.03	0.07	0.21
Queue Length 95th (m)	0.6	0.0	0.0	0.0	5.9
Control Delay (s)	5.3	0.0	0.0	0.0	10.9
Lane LOS	A				B
Approach Delay (s)	3.3		0.0		10.9
Approach LOS					B

Intersection Summary			
Average Delay	4.9		
Intersection Capacity Utilization	27.5%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Volume (veh/h)	39	778	623	43	61	99
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	39	778	623	43	61	99
Pedestrians						
Lane Width (m)						
Walking Speed (m/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (m)		41				
pX, platoon unblocked					0.99	
vC, conflicting volume	666				1112	333
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	666				1103	333
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	96				69	85
cM capacity (veh/h)	919				195	663

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	SB 1
Volume Total	298	519	415	251	160
Volume Left	39	0	0	0	61
Volume Right	0	0	0	43	99
cSH	919	1700	1700	1700	346
Volume to Capacity	0.04	0.31	0.24	0.15	0.46
Queue Length 95th (m)	1.0	0.0	0.0	0.0	17.8
Control Delay (s)	1.6	0.0	0.0	0.0	24.0
Lane LOS	A				C
Approach Delay (s)	0.6		0.0		24.0
Approach LOS					C

Intersection Summary			
Average Delay	2.6		
Intersection Capacity Utilization	60.7%	ICU Level of Service	B
Analysis Period (min)	15		

Output Tables
Output Tables
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base

Run Information
* Basic Parameters:
  Intersection Type: Unsignalised - Two-Way Stop Control
  Driving on the right-hand side of the road
  Input data specified in Metric units
  Model Defaults: Standard Right TEC - Customised Model
  Peak Flow Period (for performance): 15 minutes
  Unit time (for volumes): 60 minutes.
  Delay definition: Control delay
  Geometric delay included
  SIDRA Standard Delay model used
  SIDRA Standard Queue model used
  Level of Service based on: Delay (HCM method)
  Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Movement Flow (veh/h)	HV (%)	Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
East: PR-830 E										
5 T	408	0.0	0			2308	0.80	353	100	0.177
6 R	268	0.0	0			1516	0.80	353	100	0.177
North: c. Caridad del Cobre N										
7 L	84	0.0	1762+	0.0	1762	163	0.80	55	100	0.515*
9 R	200	0.0	542+	0.0	542	821	0.80	228	100	0.244
West: PR-830 W										
10 L	444	0.0	408	0.0	408	957	0.80	72	100	0.464
11 T	776	0.0	0			3900	0.80	302	100	0.199

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	E
Average intersection delay (s/pers)	=	6.3
Largest average movement delay (s)	=	43.6
Largest back of queue, mean (m)	=	9
Performance Index	=	33.04
Degree of saturation (highest)	=	0.515
Practical Spare Capacity (lowest)	=	55 %
Effective intersection capacity, (veh/h)	=	4230
Total vehicle flow (veh/h)	=	2180
Total person flow (pers/h)	=	3270
Total vehicle delay (veh-h/h)	=	3.82
Total person delay (pers-h/h)	=	5.74
Total effective vehicle stops (veh/h)	=	852
Total effective person stops (pers/h)	=	1278
Total vehicle travel (veh-km/h)	=	1320.0
Total cost ($/h)	=	793.36
Total fuel (L/h)	=	120.9
Total CO2 (kg/h)	=	302.13

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
East: PR-830 E									
5 T	0.00	0.00	0.0	0.00	0.00	0.0	0	4.12	60.0
6 R	0.61	0.91	8.2	0.00	0.67	0.0	0	4.30	49.0
North: c. Caridad del Cobre N									
7 L	1.02	1.53	43.6	0.94	1.08	0.8	5	3.15	27.9
9 R	0.76	1.14	13.7	0.56	0.97	0.4	3	4.26	44.6
West: PR-830 W									
10 L	1.44	2.15	11.6	0.58	0.88	1.3	9	9.36	45.4
11 T	0.00	0.00	0.0	0.00	0.00	0.0	0	7.84	60.0

Table S.6 - Intersection Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)
East: PR-830 E									

676	0.177	0.61	0.91	3.2	0.00	0.26	0	8.43	55.1
North: c. Caridad del Cobre N									
284	0.515	1.78	2.67	22.6	0.67	1.00	5	7.41	37.9
West: PR-830 W									
1220	0.464	1.44	2.15	4.2	0.21	0.32	9	17.20	53.7
ALL VEHICLES:									
2180	0.515	3.82	5.74	6.3	0.21	0.39	9	33.04	51.3
INTERSECTION (persons):									
3270	0.515		5.74	6.3	0.21	0.39		33.04	51.3

Queue values in this table are mean back of queue (metres).

Table S.7 - Lane Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
East: PR-830 E								
1 T	345	1950	0.177	0.0	0.00	0.0	0.0	500.0
2 TR	331	1874	0.177	6.6	0.54	0.0	0.0	500.0
North: c. Caridad del Cobre N								
1 L	84	163	0.516	43.6	1.08	0.8	5.5	500.0
2 R	200	821	0.244	13.7	0.97	0.4	2.9	500.0
West: PR-830 W								
1 L	444	957	0.464	11.6	0.88	1.3	9.0	60.0T
2 T	388	1950	0.199	0.0	0.00	0.0	0.0	500.0
3 T	388	1950	0.199	0.0	0.00	0.0	0.0	500.0

T Short lane due to specification of Turn Slot

Table S.8 - Lane Flow and Capacity Information
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
East: PR-830 E								
1 T	0	345	0	345	345	1950	0.177	100
2 TR	0	63	268	331	331	1874	0.177	100
North: c. Caridad del Cobre N								
1 L	84	0	0	84	60	163	0.516	100
2 R	0	0	200	200	60	821	0.244	100
West: PR-830 W								
1 L	444	0	0	444	60	957	0.464	100
2 T	0	388	0	388	388	1950	0.199	100
3 T	0	388	0	388	388	1950	0.199	100

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table S.10 - Movement Capacity and Performance Summary
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
East: PR-830 E									
5	T	408	2308	100	0.177	0.0	0.00	0.0	4.12
6	R	268	1516	100	0.177	8.2	0.67	0.0	4.30
North: c. Caridad del Cobre N									
7	L	84	163	100	0.515*	43.6	1.08	0.8	3.15
9	R	200	821	100	0.244	13.7	0.97	0.4	4.26
West: PR-830 W									
10	L	444	957	100	0.464	11.6	0.88	1.3	9.36
11	T	776	3900	100	0.199	0.0	0.00	0.0	7.84

* Maximum degree of saturation

Table S.14 - Summary of Input and Output Data
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)

East: PR-830 E									
1 T		345		345	0	0.177	0.0	0	500
2 TR		63	268	331	0	0.177	6.6	0	500
	0	408	268	676	0	0.177	3.2		
North: c. Caridad del Cobre N									
1 L	84			84	0	0.516	43.6	5	500
2 R			200	200	0	0.244	13.7	3	500
	84	0	200	284	0	0.516	22.6	5	
West: PR-830 W									
1 L	444			444	0	0.464	11.6	9	60
2 T		388		388	0	0.199	0.0	0	500
3 T		388		388	0	0.199	0.0	0	500
	444	776	0	1220	0	0.464	4.2	9	

ALL VEHICLES	Total Flow	% HV	Max X	Aver. Delay	Max Queue
	2180	0	0.515	6.3	9

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table 8.15 - Capacity and Level of Service
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Queue Aver. (vehs)	Back (m)
East: PR-830 E								
5	T	408	2308	0.177	0.0	A	0.0	0
6	R	268	1516	0.177	8.2	A	0.0	0
North: c. Caridad del Cobre N								
7	L	84	163	0.515*	43.6	E	0.8	5
9	R	200	821	0.244	13.7	B	0.4	3
West: PR-830 W								
10	L	444	957	0.464	11.6	B	1.3	9
11	T	776	3900	0.199	0.0	A	0.0	0
ALL VEHICLES:		2180		0.515	6.3	NA	1.3	9

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used. For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods

" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 02 PR-830 y c Caridad BA
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:41AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base

Run Information
* Basic Parameters:
Intersection Type: Unsignalised - Two-Way Stop Control
Driving on the right-hand side of the road
Input data specified in Metric units
Model Defaults: Standard Right TEC - Customised Model
Peak Flow Period (for performance): 15 minutes
Unit time (for volumes): 60 minutes.
Delay definition: Control delay
Geometric delay included
SIDRA Standard Delay model used
SIDRA Standard Queue model used
Level of Service based on: Delay (HCM method)
Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Flow (veh/h)	HV (%)	Movement Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
East: PR-830 E										
5 T	632	0.0	0			3442	0.80	336	100	0.184
6 R	80	0.0	0			436	0.80	336	100	0.183
North: c. Caridad del Cobre N										
7 L	84	0.0	1512+	0.0	1512	241	0.80	130	100	0.349
9 R	324	0.0	672+	0.0	672	700	0.80	73	100	0.463*
West: PR-830 W										
10 L	308	0.0	632	0.0	632	736	0.80	91	100	0.418
11 T	532	0.0	0			3900	0.80	486	100	0.136

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	D
Average intersection delay (s/pers)	=	6.5
Largest average movement delay (s)	=	29.2
Largest back of queue, mean (m)	=	8
Performance Index	=	30.30
Degree of saturation (highest)	=	0.463
Practical Spare Capacity (lowest)	=	73 %
Effective intersection capacity, (veh/h)	=	4235
Total vehicle flow (veh/h)	=	1960
Total person flow (pers/h)	=	2940
Total vehicle delay (veh-h/h)	=	3.52
Total person delay (pers-h/h)	=	5.27
Total effective vehicle stops (veh/h)	=	794
Total effective person stops (pers/h)	=	1191
Total vehicle travel (veh-km/h)	=	1187.0
Total cost ($/h)	=	711.95
Total fuel (L/h)	=	107.1
Total CO2 (kg/h)	=	267.76

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue Aver. (veh)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
East: PR-830 E									
5 T	0.00	0.00	0.0	0.00	0.00	0.0	0	6.39	60.0
6 R	0.18	0.27	8.2	0.00	0.67	0.0	0	1.28	49.0
North: c. Caridad del Cobre N									
7 L	0.68	1.02	29.2	0.88	1.05	0.5	4	2.54	34.2
9 R	1.51	2.26	16.7	0.67	1.10	1.1	8	7.86	42.2
West: PR-830 W									
10 L	1.15	1.72	13.4	0.65	0.96	1.0	7	6.85	43.8
11 T	0.00	0.00	0.0	0.00	0.00	0.0	0	5.38	60.0

Table S.6 - Intersection Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

East: PR-830 E									
712	0.184	0.18	0.27	0.9	0.00	0.07	0	7.67	58.5
North: c. Caridad del Cobre N									
408	0.463	2.19	3.28	19.3	0.72	1.09	8	10.40	40.2
West: PR-830 W									
840	0.418	1.15	1.72	4.9	0.24	0.35	7	12.23	52.9
ALL VEHICLES:									
1960	0.463	3.52	5.27	6.5	0.25	0.41	8	30.30	51.3
INTERSECTION (persons):									
2940	0.463		5.27	6.5	0.25	0.41		30.30	51.3

Queue values in this table are mean back of queue (metres).

Table S.7 - Lane Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
East: PR-830 E								
1 T	358	1950	0.184	0.0	0.00	0.0	0.0	500.0
2 TR	354	1928	0.184	1.8	0.15	0.0	0.0	500.0
North: c. Caridad del Cobre N								
1 L	84	241	0.348	29.2	1.05	0.5	3.7	500.0
2 R	324	700	0.463	16.7	1.10	1.1	7.8	500.0
West: PR-830 W								
1 L	308	736	0.419	13.4	0.96	1.0	6.7	60.0T
2 T	266	1950	0.136	0.0	0.00	0.0	0.0	500.0
3 T	266	1950	0.136	0.0	0.00	0.0	0.0	500.0

T Short lane due to specification of Turn Slot

Table S.8 - Lane Flow and Capacity Information
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
East: PR-830 E								
1 T	0	358	0	358	358	1950	0.184	100
2 TR	0	274	80	354	354	1928	0.184	100
North: c. Caridad del Cobre N								
1 L	84	0	0	84	60	241	0.348	100
2 R	0	0	324	324	60	700	0.463	100
West: PR-830 W								
1 L	308	0	0	308	60	736	0.419	100
2 T	0	266	0	266	266	1950	0.136	100
3 T	0	266	0	266	266	1950	0.136	100

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table S.10 - Movement Capacity and Performance Summary
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
East: PR-830 E									
5	T	532	3442	100	0.184	0.0	0.00	0.0	6.39
6	R	80	436	100	0.183	8.2	0.67	0.0	1.28
North: c. Caridad del Cobre N									
7	L	84	241	100	0.349	29.2	1.05	0.5	2.54
9	R	324	700	100	0.463*	16.7	1.10	1.1	7.86
West: PR-830 W									
10	L	308	736	100	0.418	13.4	0.96	1.0	6.85
11	T	532	3900	100	0.136	0.0	0.00	0.0	5.38

* Maximum degree of saturation

Table S.14 - Summary of Input and Output Data
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h)	%HV	Adj. Basic	Eff Grn (secs)	Deg Sat	Aver. Delay	Longest Queue	Shrt Lane

	L	T	R	Tot	Satf.	1st	2nd	x	(sec)	(m)	(m)
East: PR-830 E											
1 T		358		358	0			0.184	0.0	0	500
2 TR		274	80	354	0			0.184	1.8	0	500
	0	632	80	712	0			0.184	0.9		
North: c. Caridad del Cobre N											
1 L	84			84	0			0.348	29.2	4	500
2 R			324	324	0			0.463	16.7	8	500
	84	0	324	408	0			0.463	19.3	8	
West: PR-830 W											
1 L	308			308	0			0.419	13.4	7	60
2 T		266		266	0			0.136	0.0	0	500
3 T		266		266	0			0.136	0.0	0	500
	308	532	0	840	0			0.419	4.9	7	
ALL VEHICLES				Total Flow 1960	% HV 0			Max X 0.463	Aver. Delay 6.5	Max Queue 8	

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table S.15 - Capacity and Level of Service
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Base
Intersection ID: D2
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
East: PR-830 E								
5	T	632	3442	0.184	0.0	A	0.0	0
6	R	80	436	0.183	8.2	A	0.0	0
North: c. Caridad del Cobre N								
7	L	84	241	0.349	29.2	D	0.5	4
9	R	324	700	0.463*	16.7	C	1.1	8
West: PR-830 W								
10	L	308	736	0.418	13.4	B	1.0	7
11	T	532	3900	0.136	0.0	A	0.0	0
ALL VEHICLES:		1960		0.463	6.5	NA	1.1	8

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods
" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 02 PR-830 y c Caridad BP
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.aap
Processed Oct 16, 2008 11:22:42AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro

Run Information
* Basic Parameters:
Intersection Type: Unsignalised - Two-Way Stop Control
Driving on the right-hand side of the road
Input data specified in Metric units
Model Defaults: Standard Right TEC - Customised Model
Peak Flow Period (for performance): 15 minutes
Unit time (for volumes): 60 minutes.
Delay definition: Control delay
Geometric delay included
SIDRA Standard Delay model used
SIDRA Standard Queue model used
Level of Service based on: Delay (HCM method)
Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Flow (veh/h)	HV (%)	Movement Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
East: PR-830 E										
5 T	442	0.0	0			2280	0.80	313	100	0.194
6 R	299	0.0	0			1543	0.80	313	100	0.194
North: c. Caridad del Cobre N										
7 L	132	0.0	1920+	0.0	1920	125	0.80	-24	100	1.056*
9 R	245	0.0	592+	0.0	592	773	0.80	152	100	0.317
West: PR-830 W										
10 L	487	0.0	442	0.0	442	922	0.80	51	100	0.528
11 T	841	0.0	0			3900	0.80	271	100	0.216

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	F
Average intersection delay (s/pers)	=	11.9
Largest average movement delay (s)	=	128.5
Largest back of queue, mean (m)	=	24
Performance Index	=	44.67
Degree of saturation (highest)	=	1.056
Practical Spare Capacity (lowest)	=	-24 %
Effective intersection capacity, (veh/h)	=	2316
Total vehicle flow (veh/h)	=	2446
Total person flow (pers/h)	=	3669
Total vehicle delay (veh-h/h)	=	8.08
Total person delay (pers-h/h)	=	12.12
Total effective vehicle stops (veh/h)	=	1118
Total effective person stops (pers/h)	=	1677
Total vehicle travel (veh-km/h)	=	1481.0
Total cost ($/h)	=	993.16
Total fuel (L/h)	=	142.1
Total CO2 (kg/h)	=	355.31

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
East: PR-830 E									
5 T	0.00	0.00	0.0	0.00	0.00	0.0	0	4.47	60.0
6 R	0.68	1.02	8.2	0.00	0.67	0.0	0	4.80	49.0
North: c. Caridad del Cobre N									
7 L	4.71	7.07	128.5	1.00	1.54	3.4	24	10.59	13.4
9 R	1.00	1.50	14.7	0.60	1.03	0.6	4	5.49	43.8
West: PR-830 W									
10 L	1.69	2.54	12.5	0.63	0.95	1.6	12	10.82	44.6
11 T	0.00	0.00	0.0	0.00	0.00	0.0	0	8.50	60.0

Table S.6 - Intersection Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

East: PR-830 E										
741	0.194	0.68	1.02	3.3	0.00	0.27	0	9.27	55.0
North: c. Caridad del Cobre N										
377	1.056	5.71	8.56	54.5	0.74	1.21	24	16.08	24.4
West: PR-830 W										
1328	0.528	1.69	2.54	4.6	0.23	0.35	12	19.32	53.3
ALL VEHICLES:										
2446	1.056	8.08	12.12	11.9	0.24	0.46	24	44.67	45.4
INTERSECTION (persons):										
3669	1.056		12.12	11.9	0.24	0.46		44.67	45.4

Queue values in this table are mean back of queue (metres).

Table S.7 - Lane Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
East: PR-830 E								
1 T	378	1950	0.194	0.0	0.00	0.0	0.0	500.0
2 TR	363	1873	0.194	6.7	0.55	0.0	0.0	500.0
North: c. Caridad del Cobre N								
1 L	132	125	1.057	128.5	1.54	3.4	24.0	500.0
2 R	245	773	0.317	14.7	1.03	0.6	4.3	500.0
West: PR-830 W								
1 L	487	922	0.528	12.5	0.95	1.6	11.5	60.0T
2 T	421	1950	0.216	0.0	0.00	0.0	0.0	500.0
3 T	421	1950	0.216	0.0	0.00	0.0	0.0	500.0

T Short lane due to specification of Turn Slot

Table S.8 - Lane Flow and Capacity Information
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
East: PR-830 E								
1 T	0	378	0	378	378	1950	0.194	100
2 TR	0	64	299	363	363	1873	0.194	100
North: c. Caridad del Cobre N								
1 L	132	0	0	132	60	125	1.057	100
2 R	0	0	245	245	60	773	0.317	100
West: PR-830 W								
1 L	487	0	0	487	60	922	0.528	100
2 T	0	421	0	421	421	1950	0.216	100
3 T	0	421	0	421	421	1950	0.216	100

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table S.10 - Movement Capacity and Performance Summary
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
East: PR-830 E									
5 T		442	2280	100	0.194	0.0	0.00	0.0	4.47
6 R		299	1543	100	0.194	8.2	0.67	0.0	4.80
North: c. Caridad del Cobre N									
7 L		132	125	100	1.056*	128.5	1.54	3.4	10.59
9 R		245	773	100	0.317	14.7	1.03	0.6	5.49
West: PR-830 W									
10 L		487	922	100	0.528	12.5	0.95	1.6	10.82
11 T		841	3900	100	0.216	0.0	0.00	0.0	8.50

* Maximum degree of saturation

Table S.14 - Summary of Input and Output Data
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h)	%HV	Adj. Basic	Eff Grn (secs)	Deg Sat	Aver. Delay	Longest Queue	Shrt Lane

	L	T	R	Tot	Satf.	1st	2nd	x	(sec)	(m)	(m)
East: PR-830 E											
1 T		378		378	0			0.194	0.0	0	500
2 TR		64	299	363	0			0.194	6.7	0	500
	0	442	299	741	0			0.194	3.3		
North: c. Caridad del Cobre N											
1 L	132			132	0			1.057	128.5	24	500
2 R			245	245	0			0.317	14.7	4	500
	132	0	245	377	0			1.057	54.5	24	
West: PR-830 W											
1 L	487			487	0			0.528	12.5	12	60
2 T		421		421	0			0.216	0.0	0	500
3 T		421		421	0			0.216	0.0	0	500
	487	841	0	1328	0			0.528	4.6	12	

ALL VEHICLES	Total Flow	% HV	Max x	Aver. Delay	Max Queue
	2446	0	1.056	11.9	24

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table 8.15 - Capacity and Level of Service
02 Int. PR-830 y c. Caridad del Cobre
Pico AM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
East: PR-830 E								
5	T	442	2280	0.194	0.0	A	0.0	0
6	R	299	1543	0.194	8.2	A	0.0	0
North: c. Caridad del Cobre N								
7	L	132	125	1.056*	128.5	F	3.4	24
9	R	245	773	0.317	14.7	B	0.6	4
West: PR-830 W								
10	L	487	922	0.528	12.5	B	1.6	12
11	T	841	3900	0.216	0.0	A	0.0	0
ALL VEHICLES:		2446		1.056	11.9	NA	3.4	24

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used. For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods

" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 02 PR-830 y c Caridad FA
C:\Documents and Settings\Carlos H Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:42AM

M0275, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro

Run Information
* Basic Parameters:
Intersection Type: Unsignalised - Two-Way Stop Control
Driving on the right-hand side of the road
Input data specified in Metric units
Model Defaults: Standard Right TEC - Customised Model
Peak Flow Period (for performance): 15 minutes
Unit time (for volumes): 60 minutes.
Delay definition: Control delay
Geometric delay included
SIDRA Standard Delay model used
SIDRA Standard Queue model used
Level of Service based on: Delay (HCM method)
Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Flow (veh/h)	HV (%)	Movement Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
East: PR-830 E										
5 T	685	0.0	0			3264	0.80	281	100	0.210
6 R	127	0.0	0			605	0.80	281	100	0.210
North: c. Caridad del Cobre N										
7 L	110	0.0	1685+	0.0	1685	184	0.80	34	100	0.598*
9 R	364	0.0	749+	0.0	749	634	0.80	39	100	0.574
West: PR-830 W										
10 L	360	0.0	685	0.0	685	688	0.80	53	100	0.523
11 T	577	0.0	0			3900	0.80	441	100	0.148

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	E
Average intersection delay (s/pers)	=	8.1
Largest average movement delay (s)	=	42.9
Largest back of queue, mean (m)	=	11
Performance Index	=	36.94
Degree of saturation (highest)	=	0.598
Practical Spare Capacity (lowest)	=	34 %
Effective intersection capacity, (veh/h)	=	3718
Total vehicle flow (veh/h)	=	2223
Total person flow (pers/h)	=	3335
Total vehicle delay (veh-h/h)	=	5.03
Total person delay (pers-h/h)	=	7.54
Total effective vehicle stops (veh/h)	=	1004
Total effective person stops (pers/h)	=	1506
Total vehicle travel (veh-km/h)	=	1346.2
Total cost ($/h)	=	836.81
Total fuel (L/h)	=	124.3
Total CO2 (kg/h)	=	310.82

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
East: PR-830 E									
5 T	0.00	0.00	0.0	0.00	0.00	0.0	0	6.92	60.0
6 R	0.29	0.43	8.2	0.00	0.67	0.0	0	2.04	49.0
North: c. Caridad del Cobre N									
7 L	1.31	1.97	42.9	0.94	1.12	1.0	7	4.09	28.2
9 R	1.92	2.89	19.0	0.75	1.17	1.5	11	9.49	40.5
West: PR-830 W									
10 L	1.51	2.26	15.1	0.70	1.03	1.4	10	8.56	42.4
11 T	0.00	0.00	0.0	0.00	0.00	0.0	0	5.83	60.0

Table S.6 - Intersection Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

East: PR-830 E										
812	0.210	0.29	0.43	1.3	0.00	0.10	0	8.96	58.0
North: c. Caridad del Cobre N										
474	0.598	3.23	4.85	24.6	0.79	1.15	11	13.59	36.8
West: PR-830 W										
937	0.523	1.51	2.26	5.8	0.27	0.40	10	14.39	51.8
ALL VEHICLES:										
2223	0.598	5.03	7.54	8.1	0.28	0.45	11	36.94	49.4
INTERSECTION (persons):										
3335	0.598		7.54	8.1	0.28	0.45		36.94	49.4

Queue values in this table are mean back of queue (metres).

Table 5.7 - Lane Performance
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
East: PR-830 E								
1 T	409	1950	0.210	0.0	0.00	0.0	0.0	500.0
2 TR	403	1920	0.210	2.6	0.21	0.0	0.0	500.0
North: c. Caridad del Cobre N								
1 L	110	184	0.597	42.9	1.12	1.0	7.0	500.0
2 R	364	634	0.574	19.0	1.17	1.5	10.8	500.0
West: PR-830 W								
1 L	360	688	0.523	15.1	1.03	1.4	9.5	60.0T
2 T	289	1950	0.148	0.0	0.00	0.0	0.0	500.0
3 T	289	1950	0.148	0.0	0.00	0.0	0.0	500.0

T Short lane due to specification of Turn Slot

Table 5.8 - Lane Flow and Capacity Information
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
East: PR-830 E								
1 T	0	409	0	409	409	1950	0.210	100
2 TR	0	276	127	403	403	1920	0.210	100
North: c. Caridad del Cobre N								
1 L	110	0	0	110	60	184	0.597	100
2 R	0	0	364	364	60	634	0.574	100
West: PR-830 W								
1 L	360	0	0	360	60	688	0.523	100
2 T	0	289	0	289	289	1950	0.148	100
3 T	0	289	0	289	289	1950	0.148	100

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
East: PR-830 E									
5	T	685	3264	100	0.210	0.0	0.00	0.0	6.92
6	R	127	605	100	0.210	8.2	0.67	0.0	2.04
North: c. Caridad del Cobre N									
7	L	110	184	100	0.598*	42.9	1.12	1.0	4.09
9	R	364	634	100	0.574	19.0	1.17	1.5	9.49
West: PR-830 W									
10	L	360	688	100	0.523	15.1	1.03	1.4	8.56
11	T	577	3900	100	0.148	0.0	0.00	0.0	5.83

* Maximum degree of saturation

Table 5.14 - Summary of Input and Output Data
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h)	%HV	Adj. Basic	Eff Grn (secs)	Deg Sat	Aver. Delay	Longest Queue	Shrt Lane

	L	T	R	Tot	Satf.	1st 2nd	x	(sec)	(m)	(m)
East: PR-830 E										
1 T		409		409	0		0.210	0.0	0	500
2 TR		276	127	403	0		0.210	2.6	0	500
	0	685	127	812	0		0.210	1.3		
North: c. Caridad del Cobre N										
1 L	110			110	0		0.597	42.9	7	500
2 R			364	364	0		0.574	19.0	11	500
	110	0	364	474	0		0.597	24.6	11	
West: PR-830 W										
1 L	360			360	0		0.523	15.1	10	60
2 T		289		289	0		0.148	0.0	0	500
3 T		289		289	0		0.148	0.0	0	500
	360	577	0	937	0		0.523	5.8	10	
ALL VEHICLES				Total Flow	% HV		Max X	Aver. Delay	Max Queue	
				2223	0		0.598	8.1	11	

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table 5.15 - Capacity and Level of Service
02 Int. PR-830 y c. Caridad del Cobre
Pico PM Futuro
Intersection ID: 02
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
East: PR-830 E								
5	T	685	3264	0.210	0.0	A	0.0	0
6	R	127	605	0.210	8.2	A	0.0	0
North: c. Caridad del Cobre N								
7	L	110	184	0.598*	42.9	E	1.0	7
9	R	364	634	0.574	19.0	C	1.5	11
West: PR-830 W								
10	L	360	688	0.523	15.1	C	1.4	10
11	T	577	3900	0.148	0.0	A	0.0	0
ALL VEHICLES:		2223		0.598	8.1	NA	1.5	11

Level of Service calculations are based on
average control delay including geometric delay (HCM criteria),
independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the
SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at
two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods
" Movement Level of service has been determined using adjacent lane
v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 02 PR-830 y c Caridad FP
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:42AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
03 Int PR-199 y PR-840
Pico AM Base

Run Information
Cycle Time = 120 (User-given Cycle Time)

* Basic Parameters:
  Intersection Type: Signalised - Fixed Time
  Driving on the right-hand side of the road
  Input data specified in Metric units
  Model Defaults: Standard Right TEC - Customised Model
  Peak Flow Period (for performance): 15 minutes
  Unit time (for volumes): 60 minutes.
  Delay definition: Control delay
                Geometric delay included
  SIDRA Standard Delay model used
  SIDRA Standard Queue model used
  Level of Service based on: Delay (RCM method)
  Queue definition: Back of queue, Average

* Iteration Data:
  No. of Main (Timing-Capacity) Iterations = 4
  Comparison of last two iterations:
    Difference in intersection degree of satn = 0.0 %
    Largest difference in eff. green times = 0 secs
    (max. value for stopping = 0 secs)

Table 5.1 - Movement Phase and Timing Parameters
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	PHASE MATRIX First Green Fr	To	Op Fr	Second Green Fr	To	Op Fr	Lost Tim 1st Grn	2nd Grn	Req.Mov.Time 1st Grn	2nd Grn	Eff. Grn 1st Grn	2nd Grn
South: PR-840 S													
1 L	D		A					4		25.4		28	
2 T	D		A					4		25.4		28	
3 R		A	D	Y	*D	A		36	4	72.0		26.1	52 28
East: PR-199 E													
4 L		*A	B					4		12.1		10	
5 T		B	C					4		36.1		41	
6 R		*B	C		C	B	Y	4	17	36.1		63.8	41 58
North: PR-840 N													
7 L		C	D					4		23.8		25	
8 T		*C	D					4		23.8		25	
9 R		C	D		D	C	Y	4	39	10.0Min		30.0Min	25 52
West: PR-199 W													
10 L		A	B					4		11.7		10	
11 T		B	C					4		33.8		41	
12 R		B	C		C	B	Y	4	17	35.1		30.0Min	41 58

Current Phase Sequence: Two-phase
Input phase sequence: A B C D
Output phase sequence: A B C D

* Critical Movement/Green Period

Movement Types:
Slp Slip Lane Movement
Ped Pedestrian
Dum Dummy

Under heading 'Op':
Y If opposed turn

Table 5.2 - Movement Capacity Parameters
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Dem Flow (veh	HV	Satn Flow 1st	2nd	Flow Ratio 1st	2nd	Total Cap. (veh	Prac. Deg. Satn	Prac. Spare Cap.	Lane Util	Deg. Satn

	/h)	(%)	Grn	Grn	Grn	Grn	/h)	xp	(%)	(%)	x
South: PR-840 S											
1 L	176	0.0	1098		0.160		256	0.90	31	100	0.687
2 T	192	0.0	1197		0.160		279	0.90	31	100	0.687
3 R	344	0.0	323	1546	0.270	0.166	501	0.90	31	100	0.687
East: PR-199 E											
4 L	112	0.0	1833		0.061		153	0.90	23	100	0.733*
5 T	1308	0.0	5436		0.241		1857	0.90	28	100	0.704
6 R	120	0.0	471	19	0.241	0.351	170	0.90	28	100	0.705
North: PR-840 N											
7 L	164	0.0	1106		0.148		230	0.90	26	100	0.712
8 T	120	0.0	809		0.148		169	0.90	26	100	0.712
9 R	40	0.0	1876	850	0.021	0.000	789	0.90	1608	100	0.053
West: PR-199 W											
10 L	108	0.0	1862		0.058		155	0.90	29	100	0.696
11 T	1208	0.0	5401		0.224		1845	0.90	37	100	0.655
12 R	124	0.0	523	22	0.237	0.000	189	0.90	37	100	0.655

Table S.3 - Intersection Parameters
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Critical Movements: 4, 6(1st), 8, 3(2nd)

L= 16 Y= 0.616 U= 0.685 T= 98.2

Cycle Time:

Minimum	Maximum	Practical	Chosen
40	150	51	120

(Cycle time specified by the user)

Intersection Level of Service	=	D
Worst movement Level of Service	=	E
Average intersection delay (s/pers)	=	40.0
Largest average movement delay (s)	=	70.6
Largest back of queue, mean (m)	=	103
Performance Index	=	223.90
Degree of saturation (highest)	=	0.733
Practical Spare Capacity (lowest)	=	23 %
Effective intersection capacity, (veh/h)	=	5477
Total vehicle flow (veh/h)	=	4016
Total person flow (pers/h)	=	6024
Total vehicle delay (veh-h/h)	=	44.66
Total person delay (pers-h/h)	=	66.99
Total effective vehicle stops (veh/h)	=	3340
Total effective person stops (pers/h)	=	5010
Total vehicle travel (veh-km/h)	=	2435.1
Total cost ($/h)	=	2535.14
Total fuel (L/h)	=	322.0
Total CO2 (kg/h)	=	804.93

Table S.4 - Phase Information
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Phase Change Times: 0, 14, 59, 88
Phase Green Times: 10, 41, 25, 28

Current Phase Sequence: Two-phase
Input phase sequence: A B C D
Output phase sequence: A B C D

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
1 L	2.62	3.93	53.5	0.97	0.86	10.2	71	11.05	24.3
2 T	2.08	3.12	39.0	0.96	0.84	10.2	71	10.41	29.0
3 R	3.12	4.67	32.6	0.94	0.92	7.6	53	14.82	31.6
East: PR-199 E									
4 L	2.20	3.30	70.6	1.00	0.85	4.2	30	8.09	20.4
5 T	13.27	19.91	36.5	0.93	0.82	14.7	103	72.74	29.9
6 R	1.47	2.21	44.1	0.93	0.88	14.7	103	6.89	27.1
North: PR-840 N									
7 L	2.59	3.88	56.8	0.99	0.86	9.7	68	10.65	23.5
8 T	1.63	2.44	48.9	0.99	0.85	9.7	68	7.52	25.6
9 R	0.17	0.26	15.5	0.39	0.71	0.5	3	1.23	42.0
West: PR-199 W									
10 L	2.09	3.14	69.8	1.00	0.83	4.0	28	7.72	20.6
11 T	11.95	17.92	35.6	0.91	0.80	13.4	94	65.82	30.3
12 R	1.48	2.22	42.9	0.90	0.88	13.4	94	6.97	27.5

Table S.6 - Intersection Performance
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

South: PR-840 S									
712	0.687	7.81	11.72	39.5	0.95	0.88	71	36.28	28.8
East: PR-199 E									
1540	0.733	16.94	25.42	39.6	0.93	0.83	103	87.73	28.7
North: PR-840 N									
324	0.712	4.39	6.58	48.8	0.91	0.84	68	19.39	25.7
West: PR-199 W									
1440	0.696	15.52	23.28	38.8	0.91	0.81	94	80.50	29.0
ALL VEHICLES:									
4016	0.733	44.66	66.99	40.0	0.93	0.83	103	223.90	28.6
INTERSECTION (persons):									
6024	0.733		66.99	40.0	0.93	0.83		223.90	28.6

Queue values in this table are mean back of queue (metres).

Table S.7 - Lane Performance
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Effective Green Times (sec) R1	G1	R2	G2	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Back (m)	Lane Length (m)
South: PR-840 S												
1 LT	92	28	0	0	308	448	0.687	50.1	0.84	10.2	71.3	500.0
2 TR	36	22	34	28	404	588	0.687	31.4	0.91	7.6	53.3	500.0
East: PR-199 E												
1 L	110	10	0	0	112	153	0.733	70.6	0.85	4.2	29.6	52.0T
2 T	79	41	0	0	470	668	0.704	36.8	0.82	14.6	102.2	500.0
3 T	79	41	0	0	470	668	0.704	36.8	0.82	14.6	102.2	500.0
4 TR	60	41	17	2	487	692	0.704	38.0	0.85	14.7	103.0	500.0
North: PR-840 N												
1 LT	95	25	0	0	284	399	0.712	53.4	0.86	9.7	68.0	500.0
2 R	4	25	39	52	40	759	0.053	15.5	0.71	0.5	3.5	500.0
West: PR-199 W												
1 L	110	10	0	0	108	155	0.696	69.8	0.83	4.0	28.2	53.0T
2 T	79	41	0	0	437	668	0.655	35.9	0.79	13.3	92.8	500.0
3 T	79	41	0	0	437	668	0.655	35.9	0.79	13.3	92.8	500.0
4 TR	60	41	17	2	458	699	0.655	36.9	0.83	13.4	93.9	500.0

T Short lane due to specification of Turn Slot

Table S.8 - Lane Flow and Capacity Information
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Lane Width (m)	Saturation Flow Adj. Basic (tcu)	Aver 1st (veh)	Aver 2nd (veh)	End Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: PR-840 S												
1 LT	176	132	0	308	3.55	1975	1920	0	0	448	0.687	100
2 TR	0	60	344	404	3.55	1975	796	1894	30	588	0.687	100
East: PR-199 E												
1 L	112	0	0	112	3.05	1925	1833	0	0	153	0.733	100
2 T	0	470	0	470	3.35	1955	1955	0	0	668	0.704	100
3 T	0	470	0	470	3.35	1955	1955	0	0	668	0.704	100
4 TR	0	367	120	487	4.00	2020	1996	588	30	692	0.704	100
North: PR-840 N												
1 LT	164	120	0	284	3.50	1970	1915	0	0	399	0.712	100
2 R	0	0	40	40	3.50	1970	1876	850	30	759	0.053	100
West: PR-199 W												
1 L	108	0	0	108	3.35	1955	1862	0	0	155	0.696	100
2 T	0	437	0	437	3.35	1955	1955	0	0	668	0.655	100
3 T	0	437	0	437	3.35	1955	1955	0	0	668	0.655	100
4 TR	0	334	124	458	4.20	2040	2013	669	30	699	0.655	100

Basic Saturation Flow in this table is adjusted for lane width, approach grade, parking manoeuvres and number of buses stopping. Saturation flow scale applies if specified.

Table S.10 - Movement Capacity and Performance Summary
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Eff. Grn 1st Grn	Eff. Grn 2nd Grn	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: PR-840 S											
1	L	176	256	100	0.687	28		53.5	0.85	10.2	11.05
2	T	192	279	100	0.687	28		39.0	0.84	10.2	10.41
3	R	344	501	100	0.687	52	28*	32.6	0.92	7.6	14.82
East: PR-199 E											
4	L	112	153	100	0.733*	10*		70.6	0.85	4.2	8.09

5	T	1308	1857	100	0.704	41		36.5	0.82	14.7	72.74
6	R	120	170	100	0.705	41*	58	44.1	0.88	14.7	6.89
North: PR-840 N											
7	L	164	230	100	0.712	25		56.8	0.86	9.7	10.65
8	T	120	169	100	0.712	25*		48.9	0.85	9.7	7.52
9	R	40	759	100	0.053	25	52	15.5	0.71	0.5	1.23
West: PR-199 W											
10	L	108	155	100	0.696	10		69.8	0.83	4.0	7.72
11	T	1208	1845	100	0.655	41		35.6	0.80	13.4	65.82
12	R	124	189	100	0.655	41	58	42.9	0.88	13.4	6.97

* Maximum degree of saturation, or critical green periods

Table S.14 - Summary of Input and Output Data
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)
South: PR-840 S												
1 LT	176	132		308	0	1975	28		0.687	50.1	71	500
2 TR		60	344	404	0	1975	22	28	0.687	31.4	53	500
	176	192	344	712	0				0.687	39.5	71	
East: PR-199 E												
1 L	112			112	0	1924	10		0.733	70.6	30	52
2 T		470		470	0	1955	41		0.704	36.8	102	500
3 T		470		470	0	1955	41		0.704	36.8	102	500
4 TR		367	120	487	0	2020	41	2	0.704	38.0	103	500
	112	1308	120	1540	0				0.733	39.6	103	
North: PR-840 N												
1 LT	164	120		284	0	1970	25		0.712	53.4	68	500
2 R			40	40	0	1970	25	52	0.053	15.5	3	500
	164	120	40	324	0				0.712	48.8	68	
West: PR-199 W												
1 L	108			108	0	1955	10		0.696	69.8	28	53
2 T		437		437	0	1955	41		0.655	35.9	93	500
3 T		437		437	0	1955	41		0.655	35.9	93	500
4 TR		334	124	458	0	2040	41	2	0.655	36.9	94	500
	108	1208	124	1440	0				0.696	38.8	94	

ALL VEHICLES	Total Flow	% HV	Cycle Time	Max X	Aver. Delay	Max Queue
	4016	0	120	0.733	40.0	103

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows (in through car units) have been adjusted for grade, lane widths, parking manoeuvres and bus stops.

Table S.15 - Capacity and Level of Service
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	Green Time Ratio (g/C) 1st grn	2nd grn	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Queue Aver. (vehs)	Back (m)
South: PR-840 S										
1	L	0.233		176	256	0.687	53.5	D	10.2	71
2	T	0.233		192	279	0.687	39.0	D	10.2	71
3	R	0.433	0.233*	344	501	0.687	32.6	C	7.6	53
East: PR-199 E										
4	L	0.083*		112	153	0.733*	70.6	E	4.2	30
5	T	0.342		1308	1857	0.704	36.5	D	14.7	103
6	R	0.342*	0.483	120	170	0.705	44.1	D	14.7	103
North: PR-840 N										
7	L	0.208		164	230	0.712	56.8	E	9.7	68
8	T	0.208*		120	169	0.712	48.9	D	9.7	68
9	R	0.208	0.433	40	759	0.053	15.5	B	0.5	3
West: PR-199 W										
10	L	0.083		108	155	0.696	69.8	E	4.0	28
11	T	0.342		1208	1845	0.655	35.6	D	13.4	94
12	R	0.342	0.483	124	189	0.655	42.9	D	13.4	94
ALL VEHICLES:				4016		0.733	40.0	D	14.7	103
INTERSECTION (persons):				6024			40.0		14.7	103

Level of Service calculations are based on
average control delay including geometric delay (HCM criteria),
independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the
SIDRA Output Guide or the Output section of the on-line help.

* Maximum v/c ratio, or critical green periods

" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Table D.5 - Progression Factors and Actuated Signal Parameters
03 Int PR-199 y PR-840
Pico AM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Control	Coord.	Arrival Type	Delay Prog. Factor	Queue Prog. Factor	Disp. Grn. Settings 1st Grn Gmin	Gmax	2nd Grn Gmin	Gmax
South: PR-840 S									
1 L	FT	No	3	1.000	1.000	6	NA		
2 T	FT	No	3	1.000	1.000	6	NA		
3 R	FT	No	3	1.000	1.000	6	NA	6	NA
East: PR-199 E									
4 L	FT	No	3	1.000	1.000	6	NA		
5 T	FT	No	3	1.000	1.000	6	NA		
6 R	FT	No	3	1.000	1.000	6	NA	6	NA
North: PR-840 N									
7 L	FT	No	3	1.000	1.000	6	NA		
8 T	FT	No	3	1.000	1.000	6	NA		
9 R	FT	No	3	1.000	1.000	6	NA	6	NA
West: PR-199 W									
10 L	FT	No	3	1.000	1.000	6	NA		
11 T	FT	No	3	1.000	1.000	6	NA		
12 R	FT	No	3	1.000	1.000	6	NA	6	NA

Site: 03 PR-199 y PR-840 BA
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:43AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
03 Int PR-199 y PR-840
Pico PM Base

Run Information
Cycle Time = 120 (User-given Cycle Time)

* Basic Parameters:
  Intersection Type: Signalised - Fixed Time
  Driving on the right-hand side of the road
  Input data specified in Metric units
  Model Defaults: Standard Right TEC - Customised Model
  Peak Flow Period (for performance): 15 minutes
  Unit time (for volumes): 60 minutes.
  Delay definition: Control delay
  Geometric delay included
  SIDRA Standard Delay model used
  SIDRA Standard Queue model used
  Level of Service based on: Delay (HCM method)
  Queue definition: Back of queue, Average

* Iteration Data:
  No. of Main (Timing-Capacity) Iterations = 3
  Comparison of last two iterations:
    Difference in intersection degree of satn = 1.6 %
    Largest difference in eff. green times = 1 secs
    (max. value for stopping = 1 secs)
  Information on Previous Iteration:
    Cycle Time = 120
    Phase Times: 0, 38, 88, 108
    Critical Movements: 4, 6(1st), 9(1st), 3(2nd)

Table S.1 - Movement Phase and Timing Parameters
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	PHASE MATRIX First Green Fr	To	Op Pr	Second Green Fr	To	Op Pr	Lost Tim 1st Grn	2nd Grn	Req.Mov.Time 1st Grn	2nd Grn	Eff. Grn 1st Grn	2nd Grn
South: PR-840 S													

```
     1 L        D      A                                  4        11.9
7
     2 T        D      A                                  4        11.9
7
     3 R        A      D      Y     *D      A             32    4  117.8
12.0      77     7
 ------------------------------------------------------------------------
-------------
 East: PR-199 E
     4 L       *A      B                                  4        42.9
35
     5 LT       B      C                                  4        53.7
46
     6 R       *B      C             C      B      Y      4    9   53.7
77.5      46    61
 ------------------------------------------------------------------------
-------------
 North: PR-840 N
     7 L        C      D                                  4        21.2
16
     8 T        C      D                                  4        21.2
16
     9 R       *C      D             D      C      Y      4   46   21.2
104.0      16    54
 ------------------------------------------------------------------------
-------------
 West: PR-199 W
    10 L        A      B                                  4        13.0
35
    11 T        B      C                                  4        32.7
46
    12 R        B      C             C      B      Y      4   24   33.9
30.0Min   46    46
 ------------------------------------------------------------------------
-------------
 ------------------------------------------------------------------------
-------------
   Current Phase Sequence: Two-phase
   Input phase sequence: A B C D
   Output phase sequence: A B C D
 ------------------------------------------------------------------------
-------------
   * Critical Movement/Green Period

 Movement Types:                          Under heading 'Op':
   Slp  Slip Lane Movement                  Y   If opposed turn
   Ped  Pedestrian
   Dum  Dummy
```

Table 5.2 - Movement Capacity Parameters
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Dem Flow (veh /h)	HV (%)	Satn Flow 1st Grn	Satn Flow 2nd Grn	Flow Ratio 1st Grn	Flow Ratio 2nd Grn	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
South: PR-840 S											
1 L	80	0.0	1350		0.059		79	0.90	-11	100	1.016*
2 T	80	0.0	1350		0.059		79	0.90	-11	100	1.016*
3 R	180	0.0	155	1332	0.644	0.060	177	0.90	-11	100	1.016*
East: PR-199 E											
4 L	252	0.0	863<		0.292		252	0.90	-10	100	1.001
5 LT	2144E	0.0	5747		0.373		2203	0.90	-8	100	0.973
6 R	68	0.0	174	6	0.373	0.514	70	0.90	-8	100	0.975
North: PR-840 N											
7 L	132	0.0	1024		0.129		137	0.90	-7	100	0.957
8 T	236	0.0	1831		0.129		244	0.90	-7	100	0.957
9 R	88	0.0	0	202	0.129	0.435	91	0.90	-7	100	0.957
West: PR-199 W											
10 L	60	0.0	887<		0.068		259	0.90	288	100	0.232
11 T	1156	0.0	5376		0.215		2061	0.90	60	100	0.561
12 R	124	0.0	547	30	0.227	0.000	221	0.90	61	100	0.561

E "Excess" flow from the short lane of an adjacent movement added to normal flow

Table 5.3 - Intersection Parameters
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Critical Movements: 4, 6(1st), 9(1st), 3(2nd)

L= 16 Y= 0.854 U= 0.949 T= 129.9

Cycle Time:

Minimum	Maximum	Practical	Chosen
40	150	150	120

(Cycle time specified by the user)

Intersection Level of Service	=	E
Worst movement Level of Service	=	F
Average intersection delay (s/pers)	=	55.7
Largest average movement delay (s)	=	102.2
Largest back of queue, mean (m)	=	238
Performance Index	=	309.74
Degree of saturation (highest)	=	1.016
Practical Spare Capacity (lowest)	=	-11 %
Effective intersection capacity, (veh/h)	=	4527
Total vehicle flow (veh/h)	=	4600
Total person flow (pers/h)	=	6900

Total vehicle delay (veh-h/h)	=	71.21
Total person delay (pers-h/h)	=	106.82
Total effective vehicle stops (veh/h)	=	4429
Total effective person stops (pers/h)	=	6644
Total vehicle travel (veh-km/h)	=	2675.4
Total cost ($/h)	=	3405.78
Total fuel (L/h)	=	396.7
Total CO2 (kg/h)	=	991.71

Table S.4 - Phase Information
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Phase Change Times: 0, 39, 89, 109
Phase Green Times: 35, 46, 16, 7

Current Phase Sequence: Two-phase
Input phase sequence: A B C D
Output phase sequence: A B C D

Table S.5 - Movement Performance

MOV ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
1 L	2.27	3.41	102.2	1.00	1.03	5.3	37	7.31	15.8
2 T	1.78	2.67	80.1	1.00	1.05	8.2	58	6.32	18.7
3 R	3.92	5.87	78.3	1.00	1.06	8.2	58	13.33	19.0
East: PR-199 E									
4 L	3.53	5.30	50.5	0.99	0.83	7.4	52	14.67	25.2
5 LT	35.84	53.76	60.2	0.91	1.06	34.0	238	156.81	21.3
6 R	1.40	2.10	74.1	1.00	1.17	34.0	238	5.59	19.7
North: PR-840 N									
7 L	3.19	4.79	87.0	1.00	1.07	11.0	77	11.18	17.7
8 T	5.19	7.78	79.1	1.00	1.09	11.0	77	19.23	18.9
9 R	2.13	3.20	87.3	1.00	1.11	8.8	62	7.28	17.6
West: PR-199 W									
10 L	0.69	1.03	41.2	0.77	0.74	1.6	11	3.10	28.1
11 T	9.94	14.91	31.0	0.84	0.74	11.8	83	58.39	32.4
12 R	1.34	2.01	38.9	0.84	0.87	11.8	83	6.52	29.0

Table S.6 - Intersection Performance
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
340	1.016	7.97	11.95	84.3	1.00	1.05	58	26.96	18.1
East: PR-199 E									
2464	1.001	40.77	61.16	59.6	0.92	1.04	238	177.07	21.6
North: PR-840 N									
456	0.967	10.51	15.76	83.0	1.00	1.09	77	37.70	18.3
West: PR-199 W									
1340	0.561	11.97	17.95	32.2	0.84	0.75	83	68.01	31.8
ALL VEHICLES:									
4600	1.016	71.21	106.82	55.7	0.91	0.96	238	309.74	23.1
INTERSECTION (persons):									
6900	1.016		106.82	55.7	0.91	0.96		309.74	23.1

Queue values in this table are mean back of queue (metres).

Table S.7 - Lane Performance
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Effective Red and Green Times (sec) R1	G1	R2	G2	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
South: PR-840 S												
1 LT	113	7	0	0	113	111	1.016	99.9	1.03	5.3	37.3	500.0
2 TR	32	16	65	7	227	223	1.016	76.6	1.06	8.2	57.7	500.0
East: PR-199 E												
1 L	85	35	0	0	252	252	1.000	50.5r	0.83	7.4	52.0<	52.0T
2 LT	74	46	0	0	729	749	0.973	66.0	1.06	33.1	231.6	500.0
3 T	74	46	0	0	729	749	0.973	66.0	1.16	33.1	231.6	500.0
4 TR	64	46	9	1	753	774	0.973	66.6	1.17	34.0	238.0	500.0
North: PR-840 N												
1 LT	104	16	0	0	247	256	0.967	83.3	1.07	11.0	76.9	500.0
2 TR	46	3	55	16	209	216	0.967	82.5	1.11	8.8	61.7	500.0
West: PR-199 W												
1 L	85	35	0	0	60	259	0.232	41.2	0.74	1.6	10.9	53.0T
2 T	74	46	0	0	420	749	0.561	31.1	0.74	11.8	82.3	500.0

3 T	74	46	0	0	420	749	0.561	31.1	0.74	11.8	82.3	500.0
4 TR	48	46	24	2	439	783	0.561	33.0	0.79	11.8	82.6	500.0

< Short lane capacity is reached and there is excess flow into an adjacent lane

r Delay, stops and queue length for this lane have been cut down to fit in the queuing space. The amount cut may not be accounted for fully in the adjacent lane performance statistics. You may wish to change the short lane to a full lane to investigate the extent of this effect.

T Short lane due to specification of Turn Slot

Table 5.8 - Lane Flow and Capacity Information
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Lane Width (m)	Saturation Flow Adj. Basic (tou)	Aver 1st (veh)	Aver 2nd (veh)	End Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: PR-840 S												
1 LT	80	33	0	113	3.55	1975	1907	0	0	111	1.016	100
2 TR	0	47	180	227	3.55	1975	844	1900	30	223	1.016	100
East: PR-199 E												
1 L	252	0	0	252	3.05	1925	863<	0	0	252	1.000	100
2 LT	188E	541	0	729	3.35	1955	1955	0	0	749	0.973	100
3 T	0	729	0	729	3.35	1955	1955	0	0	749	0.973	100
4 TR	0	685	68	753	4.00	2020	2010	394	30	774	0.973	100
North: PR-840 N												
1 LT	132	115	0	247	3.50	1970	1919	0	0	256	0.967	100
2 TR	0	121	88	209	3.50	1970	875	1455	30	216	0.967	100
West: PR-199 W												
1 L	60	0	0	60	3.35	1955	887<	0	0	259	0.232	100
2 T	0	420	0	420	3.35	1955	1955	0	0	749	0.561	100
3 T	0	420	0	420	3.35	1955	1955	0	0	749	0.561	100
4 TR	0	315	124	439	4.20	2040	2012	708	30	783	0.561	100

E "Excess" flow from back of an adjacent short lane

< Reduced saturation flow due to a short lane effect

Basic Saturation Flow in this table is adjusted for lane width, approach grade, parking manoeuvres and number of buses stopping. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03

Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Eff. Grn 1st Grn	Eff. Grn 2nd Grn	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: PR-840 S											
1	L	80	79	100	1.016*	7		102.2	1.03	5.3	7.31
2	T	80	79	100	1.016*	7		80.1	1.05	8.2	6.32
3	R	180	177	100	1.016*	77	7*	78.3	1.06	8.2	13.33
East: PR-199 E											
4	L	252	252<	100	1.001	35*		50.5	0.83	7.4	14.67
5	LT	2144E	2203	100	0.973	46		60.2	1.06	34.0	156.81
6	R	68	70	100	0.975	46*	61	74.1	1.17	34.0	5.59
North: PR-840 N											
7	L	132	137	100	0.967	16		87.0	1.07	11.0	11.18
8	T	236	244	100	0.967	16		79.1	1.09	11.0	19.23
9	R	88	91	100	0.967	16*	54	87.3	1.11	8.8	7.28
West: PR-199 W											
10	L	60	259<	100	0.232	35		41.2	0.74	1.6	3.10
11	T	1156	2061	100	0.561	46		31.0	0.74	11.8	58.39
12	R	124	221	100	0.561	46	46	38.9	0.87	11.8	6.52

E "Excess" flow from the short lane of an adjacent movement added to normal flow

< Reduced capacity due to a short lane effect

* Maximum degree of saturation, or critical green periods

Table 5.14 - Summary of Input and Output Data
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)
South: PR-840 S												
1 LT	80	33		113	0	1975	7		1.016	99.9	37	500
2 TR		47	180	227	0	1975	16	7	1.016	76.6	58	500
	80	80	180	340	0				1.016	84.3	58	
East: PR-199 E												
1 L	252			252	0	1924	35		1.000	50.5r	52	52
2 LT	188	541		729	0	1955	46		0.973	66.0	232	500
3 T		729		729	0	1955	46		0.973	66.0	232	500
4 TR		685	68	753	0	2020	46	1	0.973	66.6	238	500

	440	1956	68	2464	0				1.000	64.6	238		
North: PR-840 N													
1 LT	132	115		247	0	1970	16		0.967	83.3	77	500	
2 TR		121	88	209	0	1970	3	16	0.967	82.5	62	500	
	132	236	88	456	0				0.967	83.0	77		
West: PR-199 W													
1 L	60			60	0	1955	35		0.232	41.2	11	53	
2 T		420		420	0	1955	46		0.561	31.1	82	500	
3 T		420		420	0	1955	46		0.561	31.1	82	500	
4 TR		315	124	439	0	2040	46	2	0.561	33.0	83	500	
	60	1156	124	1340	0				0.561	32.2	83		

ALL VEHICLES	Total Flow	% HV	Cycle Time	Max X	Aver. Delay	Max Queue
	4600	0	120	1.016	55.7	238

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows (in through car units) have been adjusted for grade, lane widths, parking manoeuvres and bus stops.

r Delay, stops and queue length for this lane have been cut down to fit in the queuing space. The amount cut may not be accounted for fully in the adjacent lane performance statistics. You may wish to change the short lane to a full lane to investigate the extent of this effect.

Table 5.15 - Capacity and Level of Service
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Mov Typ	Green Ratio (g/C) 1st grn	Green Ratio (g/C) 2nd grn	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
South: PR-840 S										
1	L	0.058		80	79	1.016*	102.2	F	5.3	37
2	T	0.058		80	79	1.016*	80.1	F	8.2	58
3	R	0.642	0.058*	180	177	1.016*	78.3	E	8.2	58
East: PR-199 E										
4	L	0.292*		252	252<	1.001	50.5	D	7.4	52
5	LT	0.383		2144E	2203	0.973	60.2	E	34.0	238
6	R	0.383*	0.508	58	70	0.975	74.1	E	34.0	238
North: PR-840 N										
7	L	0.133		132	137	0.967	87.0	F	11.0	77
8	T	0.133		236	244	0.967	79.1	E	11.0	77
9	R	0.133*	0.450	88	91	0.967	87.3	F	8.8	62
West: PR-199 W										
10	L	0.292		60	259<	0.232	41.2	D	1.6	11
11	T	0.383		1156	2061	0.561	31.0	C	11.8	83
12	R	0.383	0.383	124	221	0.561	38.9	D	11.8	83
ALL VEHICLES:				4600		1.016	55.7	E	34.0	238
INTERSECTION (persons):				6900			55.7		34.0	238

Level of Service calculations are based on
average control delay including geometric delay (HCM criteria),
independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the
SIDRA Output Guide or the Output section of the on-line help.

< Reduced capacity due to a short lane effect
* Maximum v/c ratio, or critical green periods
" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)
E "Excess" flow from the short lane of an adjacent movement added to normal flow

Table D.5 - Progression Factors and Actuated Signal Parameters
03 Int PR-199 y PR-840
Pico PM Base
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 120 (User-given Cycle Time)

Mov ID	Control	Coord.	Arrival Type	Delay Prog. Factor	Queue Prog. Factor	Disp. Grn. Settings 1st Grn Gmin	1st Grn Gmax	2nd Grn Gmin	2nd Grn Gmax
South: PR-840 S									
1 L	FT	No	3	1.000	1.000	6	NA		
2 T	FT	No	3	1.000	1.000	6	NA		
3 R	FT	No	3	1.000	1.000	6	NA	6	NA
East: PR-199 E									
4 L	FT	No	3	1.000	1.000	6	NA		
5 T	FT	No	3	0.912	0.912	6	NA		
6 R	FT	No	3	1.000	1.000	6	NA	6	NA
North: PR-840 N									
7 L	FT	No	3	1.000	1.000	6	NA		
8 T	FT	No	3	1.000	1.000	6	NA		
9 R	FT	No	3	1.000	1.000	6	NA	6	NA
West: PR-199 W									
10 L	FT	No	3	1.000	1.000	6	NA		
11 T	FT	No	3	1.000	1.000	6	NA		
12 R	FT	No	3	1.000	1.000	6	NA	6	NA

Site: 03 PR-199 y PR-840 BP
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:43AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
03 Int PR-199 y PR-840
Pico AM Futuro

Run Information
Cycle Time = 90 (Optimum Cycle Time)

* Basic Parameters:
  Intersection Type: Signalised - Fixed Time
  Driving on the right-hand side of the road
  Input data specified in Metric units
  Model Defaults: Standard Right TEC - Customised Model
  Peak Flow Period (for performance): 15 minutes
  Unit time (for volumes): 60 minutes.
  Specified performance measure for "best" cycle time in variable run - Delay
  Delay definition: Control delay
  Geometric delay included
  SIDRA Standard Delay model used
  SIDRA Standard Queue model used
  Level of Service based on: Delay (HCM method)
  Queue definition: Back of queue, Average

* Iteration Data:
  No. of Main (Timing-Capacity) Iterations = 3
  Comparison of last two iterations:
    Difference in intersection degree of satn = 0.0 %
    Largest difference in eff. green times = 0 secs
    (max. value for stopping = 0 secs)

* If an "optimum" cycle time solution is adopted for actuated signal purposes ensure that vehicle-actuated settings reflect this solution in real life. Consider using the "sensitivity analysis" facility to optimise maximum green settings for actuated signals.

Table S.1 - Movement Phase and Timing Parameters
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	PHASE MATRIX First Green Fr	To	Op Pr	Second Green Fr	To	Op Pr	Lost Tim 1st Grn	2nd Grn	Req.Mov.Time 1st Grn	2nd Grn	Eff. Grn 1st Grn	2nd Grn

```
-----------------------------------------------------------------------------
-------------
 South: PR-840 S
    1 L        D      A                                  4        21.6
19
    2 T        D      A                                  4        21.6
19
    3 R        A      D      Y     *D      A             31    4   61.0
22.5     36   19
-----------------------------------------------------------------------------
-------------
 East: PR-199 E
    4 L       *A      B                                  4        10.9
8
    5 T        B      C                                  4        30.0
29
    6 R       *B      C             C      B      Y       4   15   30.0
52.6     29   42
-----------------------------------------------------------------------------
-------------
 North: PR-840 N
    7 L       *C      D                                  4        20.1
18
    8 T        C      D                                  4        20.1
18
    9 R        C      D             D      C      Y       4   33   10.0Min
30.0Min  18   35
-----------------------------------------------------------------------------
-------------
 West: PR-199 W
   10 L        A      B                                  4        10.3
8
   11 T        B      C                                  4        28.1
29
   12 R        B      C             C      B      Y       4   14   29.3
30.0Min  29   43
-----------------------------------------------------------------------------
-------------
-----------------------------------------------------------------------------
-------------
   Current Phase Sequence: Two-phase
   Input phase sequence: A B C D
   Output phase sequence: A B C D
-----------------------------------------------------------------------------
-------------
   *  Critical Movement/Green Period

 Movement Types:                          Under heading 'Op':
   Slp  Slip Lane Movement                  Y   If opposed turn
   Ped  Pedestrian
   Dum  Dummy
```

Table 5.2 - Movement Capacity Parameters
03 Int PR-199 y PR-840
Pico AM Future

Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Dem Flow (veh /h)	HV (%)	Satn Flow 1st Grn	Satn Flow 2nd Grn	Flow Ratio 1st Grn	Flow Ratio 2nd Grn	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
South: PR-840 S											
1 L	197	0.0	1119		0.176		236	0.90	8	100	0.834*
2 T	215	0.0	1222		0.176		258	0.90	8	100	0.833
3 R	400	0.0	400	1515	0.300	0.185	480	0.90	8	100	0.834*
East: PR-199 E											
4 L	127	0.0	1833		0.069		163	0.90	15	100	0.779
5 T	1414	0.0	5446		0.260		1755	0.90	12	100	0.806
6 R	130	0.0	463	26	0.260	0.376	161	0.90	12	100	0.806
North: PR-840 N											
7 L	177	0.0	1101		0.161		220	0.90	12	100	0.804
8 T	131	0.0	815		0.161		163	0.90	12	100	0.804
9 R	43	0.0	1876	934	0.023	0.000	738	0.90	1446	100	0.058
West: PR-199 W											
10 L	117	0.0	1862		0.063		166	0.90	27	100	0.707
11 T	1306	0.0	5410		0.241		1743	0.90	20	100	0.749
12 R	135	0.0	516	29	0.262	0.000	188	0.90	20	100	0.749

Table 5.3 - Intersection Parameters
03 Int PR-199 y PR-840
Pico AM Future
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Critical Movements: 4, 6(1st), 7, 3(2nd)

L= 16 Y= 0.675 U= 0.750 T= 83.5

Cycle Time:

Minimum	Maximum	Practical	Chosen
40	150	64	90

(Program-determined Optimum Cycle Time)

Intersection Level of Service	=	D
Worst movement Level of Service	=	E
Average intersection delay (s/pers)	=	36.5
Largest average movement delay (s)	=	56.9
Largest back of queue, mean (m)	=	96
Performance Index	=	223.14
Degree of saturation (highest)	=	0.834
Practical Spare Capacity (lowest)	=	8 %
Effective intersection capacity, (veh/h)	=	5267
Total vehicle flow (veh/h)	=	4392

Total person flow (pers/h)	=	6588
Total vehicle delay (veh-h/h)	=	44.51
Total person delay (pers-h/h)	=	66.76
Total effective vehicle stops (veh/h)	=	4064
Total effective person stops (pers/h)	=	6096
Total vehicle travel (veh-km/h)	=	2663.1
Total cost ($/h)	=	2668.80
Total fuel (L/h)	=	353.3
Total CO2 (kg/h)	=	883.23

Table 5.4 - Phase Information
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Phase Change Times: 0, 12, 45, 67
Phase Green Times: 8, 29, 18, 19

Current Phase Sequence: Two-phase
Input phase sequence: A B C D
Output phase sequence: A B C D

Table 5.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
1 L	2.79	4.18	50.9	1.00	0.97	9.8	68	11.55	25.1
2 T	2.29	3.44	38.4	1.00	0.99	9.8	68	11.17	29.2
3 R	4.20	6.30	37.8	1.00	1.04	9.2	65	18.32	29.4
East: PR-199 E									
4 L	2.01	3.01	56.9	1.00	0.89	3.7	26	7.65	23.4
5 T	13.26	19.90	33.8	0.98	0.94	13.7	96	72.42	31.1
6 R	1.50	2.25	41.5	0.98	0.97	13.7	96	6.88	28.0
North: PR-840 N									
7 L	2.45	3.67	49.8	1.00	0.94	8.7	61	10.17	25.4
8 T	1.52	2.29	41.9	1.00	0.94	8.7	61	7.24	27.9
9 R	0.18	0.27	15.2	0.45	0.72	0.5	3	1.24	42.2
West: PR-199 W									
10 L	1.79	2.69	55.1	1.00	0.85	3.3	23	6.87	23.8
11 T	11.09	16.64	30.6	0.95	0.87	11.9	84	62.92	32.6
12 R	1.42	2.13	37.8	0.95	0.91	11.9	84	6.71	29.4

Table 5.6 - Intersection Performance
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
812	0.834	9.28	13.92	41.1	1.00	1.01	68	41.04	28.1
East: PR-199 E									
1671	0.806	16.77	25.15	36.1	0.98	0.94	96	86.95	30.1
North: PR-840 N									
351	0.804	4.16	6.23	42.6	0.93	0.92	61	18.65	27.7
West: PR-199 W									
1558	0.749	14.30	21.45	33.0	0.96	0.87	84	76.49	31.4
ALL VEHICLES:									
4392	0.834	44.51	66.76	36.5	0.97	0.93	96	223.14	30.0
INTERSECTION (persons):									
6588	0.834		66.76	36.5	0.97	0.93		223.14	30.0

Queue values in this table are mean back of queue (metres).

Table 5.7 - Lane Performance
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Effective Red and Green Times (sec) R1	G1	R2	G2	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
South: PR-840 S												
1 LT	71	19	0	0	338	405	0.834	47.6	0.97	9.8	68.5	500.0
2 TR	31	17	23	19	474	569	0.834	36.5	1.04	9.2	64.6	500.0
East: PR-199 E												
1 L	82	8	0	0	127	163	0.779	56.9	0.89	3.7	26.1	52.0T
2 T	61	29	0	0	508	630	0.806	33.9	0.93	13.6	95.0	500.0
3 T	61	29	0	0	508	630	0.806	33.9	0.93	13.6	95.0	500.0
4 TR	44	29	15	2	529	656	0.806	35.3	0.95	13.7	96.2	500.0
North: PR-840 N												
1 LT	72	18	0	0	308	383	0.804	46.4	0.94	8.7	60.9	500.0
2 R	4	18	33	35	43	738	0.058	15.2	0.72	0.5	3.2	500.0
West: PR-199 W												
1 L	82	8	0	0	117	166	0.707	55.1	0.85	3.3	23.4	53.0T

2 T	61	29	0	0	472	630	0.749	30.9	0.87	11.8	82.6	500.0
3 T	61	29	0	0	472	630	0.749	30.9	0.87	11.8	82.6	500.0
4 TR	45	29	14	2	497	664	0.749	31.9	0.89	11.9	83.6	500.0

T Short lane due to specification of Turn Slot

Table 5.8 - Lane Flow and Capacity Information
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Lane Width (m)	Saturation Flow Adj. Basic (tcu)	Aver 1st (veh)	Aver 2nd (veh)	End Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: PR-840 S												
1 LT	197	141	0	338	3.55	1975	1919	0	0	405	0.834	100
2 TR	0	74	400	474	3.55	1975	893	1895	40	569	0.834	100
East: PR-199 E												
1 L	127	0	0	127	3.05	1925	1833	0	0	163	0.779	100
2 T	0	508	0	508	3.35	1955	1955	0	0	630	0.806	100
3 T	0	508	0	508	3.35	1955	1955	0	0	630	0.806	100
4 TR	0	399	130	529	4.00	2020	1996	587	40	656	0.806	100
North: PR-840 N												
1 LT	177	131	0	308	3.50	1970	1915	0	0	383	0.804	100
2 R	0	0	43	43	3.50	1970	1876	934	40	738	0.058	100
West: PR-199 W												
1 L	117	0	0	117	3.35	1955	1862	0	0	166	0.707	100
2 T	0	472	0	472	3.35	1955	1955	0	0	630	0.749	100
3 T	0	472	0	472	3.35	1955	1955	0	0	630	0.749	100
4 TR	0	362	135	497	4.20	2040	2013	671	40	664	0.749	100

Basic Saturation Flow in this table is adjusted for lane width, approach grade, parking manoeuvres and number of buses stopping. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Eff. Grn 1st Grn	Eff. Grn 2nd Grn	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: PR-840 S											
1 L		197	236	100	0.834*	19		50.9	0.97	9.8	11.55
2 T		215	258	100	0.833	19		38.4	0.99	9.8	11.17
3 R		400	480	100	0.834*	36	19*	37.8	1.04	9.2	18.32
East: PR-199 E											
4 L		127	163	100	0.779	8*		56.9	0.89	3.7	7.65
5 T		1414	1755	100	0.806	29		33.8	0.94	13.7	72.42
6 R		130	161	100	0.806	29*	42	41.5	0.97	13.7	6.88
North: PR-840 N											
7 L		177	220	100	0.804	18*		49.8	0.94	8.7	10.17
8 T		131	163	100	0.804	18		41.9	0.94	8.7	7.24
9 R		43	738	100	0.058	18	35	15.2	0.72	0.5	1.24
West: PR-199 W											
10 L		117	166	100	0.707	8		55.1	0.85	3.3	6.87
11 T		1306	1743	100	0.749	29		30.6	0.87	11.9	62.92
12 R		135	180	100	0.749	29	43	37.8	0.91	11.9	6.71

* Maximum degree of saturation, or critical green periods

Table 5.14 - Summary of Input and Output Data
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)
South: PR-840 S												
1 LT	197	141		338	0	1975	19		0.834	47.6	58	500
2 TR		74	400	474	0	1975	17	19	0.834	36.5	55	500
	197	215	400	812	0				0.834	41.1	58	
East: PR-199 E												
1 L	127			127	0	1924	8		0.779	56.9	26	52
2 T		508		508	0	1955	29		0.806	33.9	95	500
3 T		508		508	0	1955	29		0.806	33.9	95	500
4 TR		399	130	529	0	2020	29	2	0.806	35.3	96	500
	127	1414	130	1671	0				0.806	36.1	96	
North: PR-840 N												
1 LT	177	131		308	0	1970	18		0.804	46.4	61	500
2 R			43	43	0	1970	18	35	0.058	15.2	3	500
	177	131	43	351	0				0.804	42.6	61	
West: PR-199 W												
1 L	117			117	0	1955	8		0.707	55.1	23	53
2 T		472		472	0	1955	29		0.749	30.9	83	500

3 T		472		472	0	1955	29		0.749	30.9	83	500
4 TR		362	135	497	0	2040	29	2	0.749	31.9	84	500
	117	1306	135	1558	0				0.749	33.0	84	

ALL VEHICLES	Total Flow	% HV	Cycle Time	Max X	Aver. Delay	Max Queue
	4392	0	90	0.834	36.5	96

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows (in through car units) have been adjusted for grade, lane widths, parking manoeuvres and bus stops.

Table 5.15 - Capacity and Level of Service
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	Green Ratio (g/C) 1st grn	Green Ratio (g/C) 2nd grn	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
South: PR-840 S										
1	L	0.211		197	236	0.834*	50.9	D	9.8	68
2	T	0.211		215	258	0.833	38.4	D	9.8	68
3	R	0.400	0.211*	400	480	0.834*	37.8	D	9.2	65
East: PR-199 E										
4	L	0.089*		127	163	0.779	56.9	E	3.7	26
5	T	0.322		1414	1755	0.806	33.8	C	13.7	96
6	R	0.322*	0.467	130	161	0.806	41.5	D	13.7	96
North: PR-840 N										
7	L	0.200*		177	220	0.804	49.8	D	8.7	61
8	T	0.200		131	163	0.804	41.9	D	8.7	61
9	R	0.200	0.389	43	738	0.058	15.2	B	0.5	3
West: PR-199 W										
10	L	0.089		117	166	0.707	55.1	E	3.3	23
11	T	0.322		1306	1743	0.749	30.6	C	11.9	84
12	R	0.322	0.478	135	180	0.749	37.8	D	11.9	84
ALL VEHICLES:				4392		0.834	36.5	D	13.7	96
INTERSECTION (persons):				6588			36.5		13.7	96

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used.

For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

* Maximum v/c ratio, or critical green periods

" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c<1.0)

Table 5.21 - Optimum Cycle Time Results
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Performance Measure	Smallest Value	Cycle Time
Degree of Satn	0.774	130
Average Delay	36.5	90
Stop Rate	0.86	150
Max. Queue for Any Movement	13.7	90
Perf. Index	223.1	90
Cost	2668.8	90

Performance Measure	Largest Value	Cycle Time
Eff. Inters. Cap.	5674	130
Frac. Spare Cap.	16	130

If an "optimum" cycle time solution is adopted for actuated signal purposes ensure that vehicle-actuated settings reflect this solution in real life. Consider using the "sensitivity analysis" facility to optimise maximum green settings for actuated signals.

Table D.5 - Progression Factors and Actuated Signal Parameters
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Control	Coord.	Arrival Type	Delay Prog. Factor	Queue Prog. Factor	Disp. Grn. Settings 1st Grn Gmin	1st Grn Gmax	2nd Grn Gmin	2nd Grn Gmax
South: PR-840 S									
1 L	FT	No	3	1.000	1.000	6	NA		
2 T	FT	No	3	1.000	1.000	6	NA		
3 R	FT	No	3	1.000	1.000	6	NA	6	NA
East: PR-199 E									
4 L	FT	No	3	1.000	1.000	6	NA		

5	T	FT	No	3	1.000	1.000	6	NA		
6	R	FT	No	3	1.000	1.000	6	NA	6	NA
North: PR-840 N										
7	L	FT	No	3	1.000	1.000	6	NA		
8	T	FT	No	3	1.000	1.000	6	NA		
9	R	FT	No	3	1.000	1.000	6	NA	6	NA
West: PR-199 W										
10	L	FT	No	3	1.000	1.000	6	NA		
11	T	FT	No	3	1.000	1.000	6	NA		
12	R	FT	No	3	1.000	1.000	6	NA	6	NA

Table V.21 - Intersection Summary for Optimum Cycle Time
03 Int PR-199 y PR-840
Pico AM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Cycle Time (sec)	Eff. Int. Cap.	Intersn Deg. of Satn	Prac. Spare Cap.	Aver. Delay (sec)	Stop Rate	Longest Queue (veh)	Perf. Index	Cost Total $/h	Unsatt
90	5267	0.834	8	36.5	0.93	13.7	223.1	2668.8	
100	5409	0.812	11	39.0	0.92	15.2	235.9	2750.7	
110	5464	0.804	12	40.8	0.89	16.1	245.6	2804.9	
120	5473	0.803	12	43.3	0.88	17.0	258.2	2886.3	
130	5674	0.774	16	45.2	0.87	17.9	268.4	2945.7	
140	5659	0.776	16	48.1	0.87	19.3	282.2	3040.3	
150	5577	0.788	14	50.6	0.86	20.2	295.4	3122.8	

Site: 03 PR-199 y PR-840 PA
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.aap
Processed Oct 16, 2008 11:22:43AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
03 Int PR-199 y PR-840
Pico PM Futuro

Run Information
Cycle Time = 90 (Optimum Cycle Time)

* Basic Parameters:
  Intersection Type: Signalised - Fixed Time
  Driving on the right-hand side of the road
  Input data specified in Metric units
  Model Defaults: Standard Right TEC - Customised Model
  Peak Flow Period (for performance): 15 minutes
  Unit time (for volumes): 60 minutes.
  Specified performance measure for "best" cycle time in variable run - Delay
  Delay definition: Control delay
  Geometric delay included
  SIDRA Standard Delay model used
  SIDRA Standard Queue model used
  Level of Service based on: Delay (HCM method)
  Queue definition: Back of queue, Average

* Iteration Data:
  No. of Main (Timing-Capacity) Iterations = 3
  Comparison of last two iterations:
    Difference in intersection degree of satn = 0.0 %
    Largest difference in eff. green times = 0 secs
    (max. value for stopping = 1 secs)

* If an "optimum" cycle time solution is adopted for actuated signal purposes ensure that vehicle-actuated settings reflect this solution in real life. Consider using the "sensitivity analysis" facility to optimise maximum green settings for actuated signals.

Table 5.1 - Movement Phase and Timing Parameters
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	PHASE MATRIX First Green Pr	To	Op Pr	Second Green Pr	To	Op Pr	Lost Tim 1st Grn	2nd Grn	Req.Mov.Time 1st Grn	2nd Grn	Eff. Grn 1st Grn	2nd Grn

```
-----------------------------------------------------------------------------
-------------
 South: PR-840 S
    1 L        D      A                                  4        10.5
6
    2 T        D      A                                  4        10.5
6
    3 R        A      D      Y     *D      A             26    4   84.3
10.5     54    6
-----------------------------------------------------------------------------
-------------
 East: PR-199 E
    4 L       *A      B                                  4        26.2
20
    5 LT       B      C                                  4        44.4
36
    6 R       *B      C             C      B      Y       4    7   44.4
51.7     36   43
-----------------------------------------------------------------------------
-------------
 North: PR-840 N
    7 L        C      D                                  4        17.8
12
    8 T        C      D                                  4        17.8
12
    9 R       *C      D             D      C      Y       4   39   17.8
79.0     12   35
-----------------------------------------------------------------------------
-------------
 West: PR-199 W
   10 L        A      B                                  4        10.0Min
20
   11 T        B      C                                  4        27.3
36
   12 R        B      C             C      B      Y       4   22   28.2
30.0Min  36   28
-----------------------------------------------------------------------------
-------------
 -----------------------------------------------------------------------------
-------------
   Current Phase Sequence: Two-phase
   Input phase sequence: A B C D
   Output phase sequence: A B C D
 -----------------------------------------------------------------------------
-------------
   *  Critical Movement/Green Period

 Movement Types:                          Under heading 'Op':
   Slp  Slip Lane Movement                  Y   If opposed turn
   Ped  Pedestrian
   Dum  Dummy
```

Table 5.2 - Movement Capacity Parameters
03 Int PR-199 y PR-840
Pico PM Futuro

Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Dem Flow (veh /h)	HV (%)	Satn Flow 1st Grn	Satn Flow 2nd Grn	Flow Ratio 1st Grn	Flow Ratio 2nd Grn	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
South: PR-840 S											
1 L	89	0.0	1374		0.065		92	0.90	-7	100	0.972
2 T	89	0.0	1374		0.065		92	0.90	-7	100	0.972
3 R	208	0.0	210	1321	0.583	0.065	214	0.90	-7	100	0.972
East: PR-199 E											
4 L	291	0.0	1310<		0.222		291	0.90	-10	100	1.000
5 LT	2325E	0.0	5748		0.404		2299	0.90	-11	100	1.011
6 R	74	0.0	173	9	0.404	0.447	74	0.90	-11	100	1.007
North: PR-840 N											
7 L	143	0.0	1038		0.138		138	0.90	-13	100	1.033*
8 T	262	0.0	1903		0.138		254	0.90	-13	100	1.033*
9 R	95	0.0	0	237	0.138	0.400	92	0.90	-13	100	1.029
West: PR-199 W											
10 L	65	0.0	1350<		0.048		300	0.90	315	100	0.217
11 T	1250	0.0	5358		0.233		2143	0.90	54	100	0.583
12 R	141	0.0	565	51	0.250	0.000	242	0.90	54	100	0.583

E "Excess" flow from the short lane of an adjacent movement added to normal flow

Table 5.3 - Intersection Parameters
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Critical Movements: 4, 6(1st), 9(1st), 3(2nd)

L= 16 Y= 0.829 U= 0.921 T= 98.9

Cycle Time:

Minimum	Maximum	Practical	Chosen
40	150	150	90

(Program-determined Optimum Cycle Time)

Intersection Level of Service	=	D
Worst movement Level of Service	=	F
Average intersection delay (s/pers)	=	50.5
Largest average movement delay (s)	=	89.8
Largest back of queue, mean (m)	=	220
Performance Index	=	298.81
Degree of saturation (highest)	=	1.033
Practical Spare Capacity (lowest)	=	-13 %

Effective intersection capacity, (veh/h)	=	4870
Total vehicle flow (veh/h)	=	5032
Total person flow (pers/h)	=	7548
Total vehicle delay (veh-h/h)	=	70.58
Total person delay (pers-h/h)	=	105.86
Total effective vehicle stops (veh/h)	=	5139
Total effective person stops (pers/h)	=	7708
Total vehicle travel (veh-km/h)	=	2923.6
Total cost ($/h)	=	3535.17
Total fuel (L/h)	=	426.6
Total CO2 (kg/h)	=	1066.41

Table 5.4 - Phase Information
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Phase Change Times: 0, 24, 64, 80
Phase Green Times: 20, 36, 12, 6

Current Phase Sequence: Two-phase
Input phase sequence: A B C D
Output phase sequence: A B C D

Table 5.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
1 L	1.83	2.74	73.9	1.00	1.03	4.3	30	6.32	19.8
2 T	1.42	2.13	57.5	1.00	1.06	6.8	47	5.45	23.2
3 R	3.49	5.23	60.4	1.00	1.09	6.8	47	12.21	22.5
East: PR-199 E									
4 L	3.53	5.30	43.7	0.98	0.83	7.4	52	15.26	27.3
5 LT	38.34	57.50	59.4	0.91	1.17	31.5	220	157.16	21.4
6 R	1.45	2.18	70.6	1.00	1.27	30.6	214	5.49	20.4
North: PR-840 N									
7 L	3.57	5.35	89.8	1.00	1.19	10.5	73	11.63	17.4
8 T	5.24	7.86	72.0	1.00	1.14	10.5	73	18.32	20.1
9 R	1.89	2.84	71.7	1.00	1.08	6.7	47	6.11	20.2
West: PR-199 W									
10 L	0.70	1.05	38.8	0.84	0.75	1.4	10	3.05	29.0
11 T	7.91	11.86	22.8	0.84	0.74	9.6	67	51.68	36.9
12 R	1.21	1.82	30.9	0.83	0.88	9.6	67	6.14	32.4

Table 5.6 - Intersection Performance

03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Total Flow (veh/h)	Deg. Satn x	Total Delay [veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)
South: PR-840 S									
386	0.972	6.74	10.11	62.8	1.00	1.07	47	23.98	22.0
East: PR-199 E									
2690	1.011	43.32	64.98	58.0	0.92	1.14	220	177.90	22.0
North: PR-840 N									
500	1.033	10.70	16.05	77.0	1.00	1.14	73	36.06	19.3
West: PR-199 W									
1456	0.583	9.82	14.73	24.3	0.84	0.75	67	60.87	36.0
ALL VEHICLES:									
5032	1.033	70.58	105.86	50.5	0.91	1.02	220	298.81	24.5
INTERSECTION (persons):									
7548	1.033		105.86	50.5	0.91	1.02		298.81	24.5

Queue values in this table are mean back of queue (metres).

Table 5.7 - Lane Performance
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Effective Red and Green Times (sec) R1	G1	R2	G2	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
South: PR-840 S												
1 LT	84	6	0	0	123	127	0.972	71.7	1.03	4.3	29.9	500.0
2 TR	26	16	42	6	263	270	0.972	58.7	1.09	6.8	47.5	500.0
East: PR-199 E												
1 L	70	20	0	0	291	291	1.000	43.7r	0.83	7.4	52.0<	52.0T
2 LT	54	36	0	0	791	782	1.011	66.8	1.14	31.5	220.3	500.0
3 T	54	36	0	0	791	782	1.011	66.8	1.30	31.5	220.3	500.0
4 TR	46	36	7	1	818	809	1.011	63.2	1.27	30.6	214.1	500.0
North: PR-840 N												
1 LT	78	12	0	0	264	256	1.033	86.2	1.19	10.5	73.2	500.0
2 TR	39	3	36	12	236	228	1.033	66.8	1.08	6.7	46.7	500.0

West: PR-199 W												
1 L	70	20	0	0	65	300	0.217	38.8	0.75	1.4	10.0	53.0T
2 T	54	36	0	0	456	782	0.583	22.8	0.73	9.6	67.3	500.0
3 T	54	36	0	0	456	782	0.583	22.8	0.73	9.6	67.3	500.0
4 TR	30	36	22	2	479	821	0.583	25.2	0.80	9.6	67.0	500.0

< Short lane capacity is reached and there is excess flow into an adjacent lane

r Delay, stops and queue length for this lane have been cut down to fit in the queuing space. The amount cut may not be accounted for fully in the adjacent lane performance statistics. You may wish to change the short lane to a full lane to investigate the extent of this effect.

T Short Lane due to specification of Turn Slot

Table 5.8 - Lane Flow and Capacity Information
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Lane Width (m)	Saturation Flow Adj. Basic (tcu)	Aver 1st (veh)	Aver 2nd (veh)	End Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: PR-840 S												
1 LT	89	34	0	123	3.55	1975	1906	0	0	127	0.972	100
2 TR	0	55	208	263	3.55	1975	808	1900	40	270	0.972	100
East: PR-199 E												
1 L	291	0	0	291	3.05	1925	1310<	0	0	291	1.000	100
2 LT	211E	580	0	791	3.35	1955	1955	0	0	782	1.011	100
3 T	0	791	0	791	3.35	1955	1955	0	0	782	1.011	100
4 TR	0	744	74	818	4.00	2020	2010	397	40	809	1.011	100
North: PR-840 N												
1 LT	143	121	0	264	3.50	1970	1918	0	0	256	1.033	100
2 TR	0	141	95	236	3.50	1970	809	1510	40	228	1.033	100
West: PR-199 W												
1 L	65	0	0	65	3.35	1955	1350<	0	0	300	0.217	100
2 T	0	456	0	456	3.35	1955	1955	0	0	782	0.583	100
3 T	0	456	0	456	3.35	1955	1955	0	0	782	0.583	100
4 TR	0	338	141	479	4.20	2040	2011	751	40	821	0.583	100

E "Excess" flow from back of an adjacent short lane

< Reduced saturation flow due to a short lane effect

Basic Saturation Flow in this table is adjusted for lane width, approach grade, parking manoeuvres and number of buses stopping. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary

03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Eff. Grn 1st Grn	Eff. Grn 2nd Grn	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: PR-840 S											
1	L	89	92	100	0.972	6		73.9	1.03	4.3	6.32
2	T	89	92	100	0.972	6		57.5	1.06	6.8	5.45
3	R	208	214	100	0.972	54	6*	60.4	1.09	6.8	12.21
East: PR-199 E											
4	L	291	291<	100	1.000	20*		43.7	0.83	7.4	15.26
5	LT	2325E	2299	100	1.011	36		59.4	1.17	31.5	157.16
6	R	74	74	100	1.007	36*	43	70.6	1.27	30.6	5.49
North: PR-840 N											
7	L	143	138	100	1.033*	12		89.8	1.19	10.5	11.63
8	T	262	254	100	1.033*	12		72.0	1.14	10.5	18.32
9	R	95	92	100	1.029	12*	35	71.7	1.08	6.7	6.11
West: PR-199 W											
10	L	65	300<	100	0.217	20		38.8	0.75	1.4	3.05
11	T	1250	2143	100	0.583	36		22.8	0.74	9.6	51.68
12	R	141	242	100	0.583	36	28	30.9	0.88	9.6	6.14

E "Excess" flow from the short lane of an adjacent movement added to normal flow

< Reduced capacity due to a short lane effect

* Maximum degree of saturation, or critical green periods

Table 5.14 - Summary of Input and Output Data
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)
South: PR-840 S												
1 LT	89	34		123	0	1975	6		0.972	71.7	30	500
2 TR		55	208	263	0	1975	16	6	0.972	58.7	47	500
	89	89	208	386	0				0.972	62.8	47	
East: PR-199 E												
1 L	291			291	0	1924	20		1.000	43.7r	52	52
2 LT	211	580		791	0	1955	36		1.011	66.8	220	500

3 T		791		791	0	1955	36		1.011	66.8	220	500
4 TR		744	74	818	0	2020	36	1	1.011	63.2	214	500
	502	2114	74	2690	0				1.011	63.2	220	
North: PR-840 N												
1 LT	143	121		264	0	1970	12		1.033	86.2	73	500
2 TR		141	95	236	0	1970	3	12	1.033	66.8	47	500
	143	262	95	500	0				1.033	77.0	73	
West: PR-199 W												
1 L	65			65	0	1955	20		0.217	38.8	10	53
2 T		456		456	0	1955	36		0.583	22.8	67	500
3 T		456		456	0	1955	36		0.583	22.8	67	500
4 TR		338	141	479	0	2040	36	2	0.583	25.2	67	500
	65	1250	141	1456	0				0.583	24.3	67	

ALL VEHICLES	Total Flow	% HV	Cycle Time	Max X	Aver. Delay	Max Queue
	5032	0	90	1.033	50.5	220

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (matres).

Note: Basic Saturation Flows (in through car units) have been adjusted for grade, lane widths, parking manoeuvres and bus stops.

r Delay, stops and queue length for this lane have been cut down to fit in the queuing space. The amount cut may not be accounted for fully in the adjacent lane performance statistics. You may wish to change the short lane to a full lane to investigate the extent of this effect.

Table 5.15 - Capacity and Level of Service
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Mov Typ	Green Time Ratio (g/C) 1st grn	2nd grn	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
South: PR-840 S										
1	L	0.067		89	92	0.972	73.9	E	4.3	30
2	T	0.067		89	92	0.972	57.5	E	6.8	47
3	R	0.600	0.067*	208	214	0.972	60.4	E	6.8	47
East: PR-199 E										
4	L	0.222*		291	291<	1.000	43.7	D	7.4	52
5	LT	0.400		2325E	2299	1.011	59.4	E	31.5	220
6	R	0.400*	0.478	74	74	1.007	70.6	E	30.6	214
North: PR-840 N										
7	L	0.133		143	138	1.033*	89.8	F	10.5	73
8	T	0.133		262	254	1.033*	72.0	E	10.5	73
9	R	0.133*	0.389	95	92	1.029	71.7	E	6.7	47
West: PR-199 W										
10	L	0.222		65	300<	0.217	38.8	D	1.4	10
11	T	0.400		1250	2143	0.583	22.8	C	9.6	67
12	R	0.400	0.311	141	242	0.583	30.9	C	9.6	67
ALL VEHICLES:				5032		1.033	50.5	D	31.5	220
INTERSECTION (persons):				7548			50.5		31.5	220

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used. For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

< Reduced capacity due to a short lane effect
* Maximum v/c ratio, or critical green periods
" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)
E "Excess" flow from the short lane of an adjacent movement added to normal flow

Table 5.21 - Optimum Cycle Time Results
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Performance Measure	Smallest Value	Cycle Time
Degree of Satn	1.009	140
Average Delay	50.5	90
Stop Rate	0.96	140
Max. Queue for Any Movement	31.5	90
Perf. Index	298.8	90
Cost	3535.2	90

Performance Measure	Largest Value	Cycle Time
Eff. Inters. Cap.	4985	140
Prac. Spare Cap.	-11	140

If an "optimum" cycle time solution is adopted for actuated signal purposes ensure that vehicle-actuated settings reflect this solution in real life.

Consider using the "sensitivity analysis" facility to optimise maximum green settings for actuated signals.

Table D.5 - Progression Factors and Actuated Signal Parameters
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Mov ID	Control	Coord.	Arrival Type	Delay Prog. Factor	Queue Prog. Factor	Disp. Grn. Settings 1st Grn Gmin	Gmax	2nd Grn Gmin	Gmax
South: PR-840 S									
1 L	FT	No	3	1.000	1.000	6	NA		
2 T	FT	No	3	1.000	1.000	6	NA		
3 R	FT	No	3	1.000	1.000	6	NA	6	NA
East: PR-199 E									
4 L	FT	No	3	1.000	1.000	6	NA		
5 T	FT	No	3	0.909	0.909	6	NA		
6 R	FT	No	3	1.000	1.000	6	NA	6	NA
North: PR-840 N									
7 L	FT	No	3	1.000	1.000	6	NA		
8 T	FT	No	3	1.000	1.000	6	NA		
9 R	FT	No	3	1.000	1.000	6	NA	6	NA
West: PR-199 W									
10 L	FT	No	3	1.000	1.000	6	NA		
11 T	FT	No	3	1.000	1.000	6	NA		
12 R	FT	No	3	1.000	1.000	6	NA	6	NA

Table V.21 - Intersection Summary for Optimum Cycle Time
03 Int PR-199 y PR-840
Pico PM Futuro
Intersection ID: 03
Fixed-Time Signals, Cycle Time = 90 (Optimum Cycle Time)

Cycle Time (sec)	Eff. Int. Cap.	Intersn Deg. of Satn	Prac. Spare Cap.	Aver. Delay (sec)	Stop Rate	Longest Queue (veh)	Perf. Index	Cost Total $/h	Unsatt
90	4870	1.033	-13	50.5	1.02	31.5	298.8	3535.2	
100	4681	1.075	-16	57.6	1.02	34.5	326.0	3796.9	
110	4828	1.042	-14	59.6	1.01	37.8	339.9	3868.1	
120	4942	1.018	-12	58.6	0.98	39.8	345.1	3822.3	
130	4925	1.022	-12	62.8	0.98	42.9	364.3	3976.3	
140	4985	1.009	-11	62.8	0.96	44.8	372.1	3968.0	
150	4765	1.056	-15	68.4	0.96	47.8	395.1	4170.1	

Site: 03 PR-199 y PR-840 PP
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:43AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro

Run Information
* Basic Parameters:
Intersection Type: Unsignalised - Two-Way Stop Control
Driving on the right-hand side of the road
Input data specified in Metric units
Model Defaults: Standard Right TEC - Customised Model
Peak Flow Period (for performance): 15 minutes
Unit time (for volumes): 60 minutes.
Delay definition: Control delay
Geometric delay included
SIDRA Standard Delay model used
SIDRA Standard Queue model used
Level of Service based on: Delay (HCM method)
Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Movement Flow (veh/h)	HV (%)	Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Frac. Deg. Satn xp	Frac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
South: c Caridad del Cobre S										
1 L	36	0.0	70	0.0	70	1350	0.80	2900	100	0.027
2 T	14	0.0	0			1950	0.80	****	27	0.007
North: Caridad del Cobre N										
8 T	69	0.0	0			3842	0.80	4354	100	0.018
9 R	1	0.0	0			56	0.80	4380	100	0.018
West: calle 30 Cana W										
10 L	1	0.0	120+	0.0	120	8	0.80	540	100	0.125*
12 R	132	0.0	70+	0.0	70	1108	0.80	572	100	0.119

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	B
Average intersection delay (s/pers)	=	7.0
Largest average movement delay (s)	=	11.0
Largest back of queue, mean (m)	=	1
Performance Index	=	4.07
Degree of saturation (highest)	=	0.125
Practical Spare Capacity (lowest)	=	540 %
Effective intersection capacity, (veh/h)	=	2024
Total vehicle flow (veh/h)	=	253
Total person flow (pers/h)	=	380
Total vehicle delay (veh-h/h)	=	0.49
Total person delay (pers-h/h)	=	0.74
Total effective vehicle stops (veh/h)	=	143
Total effective person stops (pers/h)	=	214
Total vehicle travel (veh-km/h)	=	153.0
Total cost ($/h)	=	94.98
Total fuel (L/h)	=	15.4
Total CO2 (kg/h)	=	38.53

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue Aver. (vehs)	Queue Back (m)	Perf. Index	Aver. Speed (km/h)
South: c Caridad del Cobre S									
1 L	0.09	0.13	8.5	0.16	0.62	0.0	0	0.61	48.1
2 T	0.00	0.00	0.0	0.00	0.00	0.0	0	0.14	60.0
North: Caridad del Cobre N									
8 T	0.00	0.00	0.0	0.00	0.00	0.0	0	0.70	60.0
9 R	0.00	0.00	8.2	0.00	0.67	0.0	0	0.02	49.0
West: calle 30 Cana W									
10 L	0.00	0.00	10.9	0.17	0.93	0.2	1	0.02	46.4
12 R	0.40	0.61	11.0	0.17	0.90	0.2	1	2.58	46.4

Table S.6 - Intersection Performance
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

South: c Caridad del Cobre S									
50	0.027	0.09	0.13	6.1	0.12	0.45	0	0.76	51.0
North: Caridad del Cobre N									
70	0.018	0.00	0.00	0.1	0.00	0.01	0	0.71	59.8
West: calle 30 Cana W									
133	0.125	0.41	0.61	11.0	0.17	0.90	1	2.60	46.4
ALL VEHICLES:									
253	0.125	0.49	0.74	7.0	0.11	0.56	1	4.07	50.4
INTERSECTION (persons):									
380	0.125		0.74	7.0	0.11	0.56		4.07	50.4

Queue values in this table are mean back of queue (metres).

Table 5.7 - Lane Performance
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
South: c Caridad del Cobre S								
1 L	36	1350	0.027	8.5	0.62	0.0	0.3	500.0
2 T	14	1950	0.007	0.0	0.00	0.0	0.0	500.0
North: Caridad del Cobre N								
1 T	35	1950	0.018	0.0	0.00	0.0	0.0	500.0
2 TR	35	1947	0.018	0.2	0.02	0.0	0.0	500.0
West: calle 30 Cana W								
1 LR	133	1116	0.119	11.0	0.90	0.2	1.3	500.0

Table 5.8 - Lane Flow and Capacity Information
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: c Caridad del Cobre S								
1 L	36	0	0	36	36	1350	0.027	100
2 T	0	14	0	14	14	1950	0.007	27P
North: Caridad del Cobre N								
1 T	0	35	0	35	35	1950	0.018	100
2 TR	0	34	1	35	35	1947	0.018	100
West: calle 30 Cana W								
1 LR	1	0	132	133	60	1116	0.119	100

P Lane under-utilisation found by the "Program". This includes cases where the value of lane under-utilisation due to downstream effects has been modified by the program during lane flow calculations (e.g. a de facto exclusive lane has been found).

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: c Caridad del Cobre S									
1 L		36	1350	100	0.027	8.5	0.62	0.0	0.61
2 T		14	1950	27	0.007	0.0	0.00	0.0	0.14
North: Caridad del Cobre N									
8 T		69	3842	100	0.018	0.0	0.00	0.0	0.70
9 R		1	56	100	0.018	8.2	0.67	0.0	0.02
West: calle 30 Cana W									
10 L		1	8	100	0.125*	10.9	0.93	0.2	0.02
12 R		132	1108	100	0.119	11.0	0.90	0.2	2.58

* Maximum degree of saturation

Table 5.14 - Summary of Input and Output Data
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)

South: c Caridad del Cobre S									
1 L	36			36	0	0.027	8.5	0	500
2 T		14		14	0	0.007	0.0	0	500
	36	14	0	50	0	0.027	6.1	0	
North: Caridad del Cobre N									
1 T		35		35	0	0.018	0.0	0	500
2 TR		34	1	35	0	0.018	0.2	0	500
	0	69	1	70	0	0.018	0.1		
West: calle 30 Cana W									
1 LR	1		132	133	0	0.119	11.0	1	500
	1	0	132	133	0	0.119	11.0	1	

ALL VEHICLES	Total Flow	% HV	Max X	Aver. Delay	Max Queue
	253	0	0.125	7.0	1

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table 5.15 - Capacity and Level of Service
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico AM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
South: c Caridad del Cobre S								
1	L	36	1350	0.027	8.5	A	0.0	0
2	T	14	1950	0.007	0.0	A	0.0	0
North: Caridad del Cobre N								
8	T	69	3842	0.018	0.0	A	0.0	0
9	R	1	56	0.018	8.2	A	0.0	0
West: calle 30 Cana W								
10	L	1	8	0.125*	10.9	B	0.2	1
12	R	132	1108	0.119	11.0	B	0.2	1
ALL VEHICLES:		253		0.125	7.0	NA	0.2	1

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods
" Movement Level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 04 Caridsd y Cana PA
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:24:54AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

Output Tables
Output Tables
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro

Run Information
* Basic Parameters:
Intersection Type: Unsignalised - Two-Way Stop Control
Driving on the right-hand side of the road
Input data specified in Metric units
Model Defaults: Standard Right TEC - Customised Model
Peak Flow Period (for performance): 15 minutes
Unit time (for volumes): 60 minutes.
Delay definition: Control delay
Geometric delay included
SIDRA Standard Delay model used
SIDRA Standard Queue model used
Level of Service Based on: Delay (HCM method)
Queue definition: Back of queue, Average

Table S.2 - Movement Capacity Parameters
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Demand Flow (veh/h)	HV (%)	Opposing Movement Flow (veh/h)	HV (%)	Adjust. Flow (pcu/h)	Total Cap. (veh /h)	Prac. Deg. Satn xp	Prac. Spare Cap. (%)	Lane Util (%)	Deg. Satn x
South: c Caridad del Cobre S										
1 L	208	0.0	33	0.0	33	1397	0.80	437	100	0.149*
2 T	66	0.0	0			1950	0.80	2264	23	0.034
North: Caridad del Cobre N										
8 T	32	0.0	0			3776	0.80	9340	100	0.008
9 R	1	0.0	0			118	0.80	9340	100	0.008
West: calle 30 Cana W										
10 L	1	0.0	307+	0.0	307	10	0.80	700	100	0.100
12 R	116	0.0	32+	0.0	32	1142	0.80	688	100	0.102

+ Percentage of exiting flow included in total opposing flow

Table S.3 - Intersection Parameters
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Intersection Level of Service	=	NA
Worst movement Level of Service	=	B
Average intersection delay (s/pers)	=	7.1
Largest average movement delay (s)	=	10.8
Largest back of queue, mean (m)	=	2
Performance Index	=	6.87
Degree of saturation (highest)	=	0.149
Practical Spare Capacity (lowest)	=	437 %
Effective intersection capacity, (veh/h)	=	2848
Total vehicle flow (veh/h)	=	424
Total person flow (pers/h)	=	636
Total vehicle delay (veh-h/h)	=	0.84
Total person delay (pers-h/h)	=	1.26
Total effective vehicle stops (veh/h)	=	241
Total effective person stops (pers/h)	=	362
Total vehicle travel (veh-km/h)	=	256.1
Total cost ($/h)	=	160.87
Total fuel (L/h)	=	26.5
Total CO2 (kg/h)	=	66.24

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections. See Table S.15 or Movement Displays for individual movement LOS values.

Table S.5 - Movement Performance

Mov ID	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue Aver. (vehs)	Back (m)	Perf. Index	Aver. Speed (km/h)
South: c Caridad del Cobre S									
1 L	0.49	0.73	8.4	0.12	0.64	0.3	2	3.58	48.3
2 T	0.00	0.00	0.0	0.00	0.00	0.0	0	0.67	60.0
North: Caridad del Cobre N									
8 T	0.00	0.00	0.0	0.00	0.00	0.0	0	0.32	60.0
9 R	0.00	0.00	8.2	0.00	0.67	0.0	0	0.02	49.0
West: calle 30 Cana W									
10 L	0.00	0.00	10.8	0.11	0.98	0.2	1	0.02	46.4
12 R	0.35	0.52	10.8	0.11	0.93	0.2	1	2.27	46.4

Table S.6 - Intersection Performance
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Total Flow (veh/h)	Deg. Satn x	Total Delay (veh-h/h)	Total Delay (pers-h/h)	Aver. Delay (sec)	Prop. Queued	Eff. Stop Rate	Longest Queue (m)	Perf. Index	Aver. Speed (km/h)

South: c Caridad del Cobre S									
274	0.149	0.49	0.73	6.4	0.09	0.48	2	4.24	50.7
North: Caridad del Cobre N									
33	0.008	0.00	0.00	0.2	0.00	0.02	0	0.34	59.6
West: calle 30 Cana W									
117	0.102	0.35	0.53	10.8	0.11	0.93	1	2.29	46.4
ALL VEHICLES:									
424	0.149	0.84	1.26	7.1	0.09	0.57	2	6.87	50.0
INTERSECTION (persons):									
636	0.149		1.26	7.1	0.09	0.57		6.87	50.0

Queue values in this table are mean back of queue (metres).

Table 5.7 - Lane Performance
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh /h)	Cap (veh /h)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Queue Aver. (vehs)	Queue Back (m)	Lane Length (m)
South: c Caridad del Cobre S								
1 L	208	1397	0.149	8.4	0.64	0.3	1.9	500.0
2 T	66	1950	0.034	0.0	0.00	0.0	0.0	500.0
North: Caridad del Cobre N								
1 T	17	1950	0.008	0.0	0.00	0.0	0.0	500.0
2 TR	16	1944	0.008	0.5	0.04	0.0	0.0	500.0
West: calle 30 Cana W								
1 LR	117	1152	0.102	10.8	0.93	0.2	1.1	500.0

Table 5.8 - Lane Flow and Capacity Information
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Dem Flow (veh/h) Lef	Thru	Rig	Tot	Min Cap (veh /h)	Tot Cap (veh /h)	Deg. Satn x	Lane Util %
South: c Caridad del Cobre S								
1 L	208	0	0	208	208	1397	0.149	100
2 T	0	66	0	66	66	1950	0.034	23P
North: Caridad del Cobre N								
1 T	0	17	0	17	17	1950	0.008	100
2 TR	0	15	1	16	16	1944	0.008	100
West: calle 30 Cana W								
1 LR	1	0	116	117	60	1152	0.102	100

P Lane under-utilisation found by the "Program". This includes cases where the value of lane under-utilisation due to downstream effects has been modified by the program during lane flow calculations (e.g. a de facto exclusive lane has been found).

The capacity value for priority and continuous movements is obtained by adjusting the basic saturation flow for heavy vehicle and turning vehicle effects. Saturation flow scale applies if specified.

Table 5.10 - Movement Capacity and Performance Summary
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Dem Flow (veh /h)	Total Cap. (veh /h)	Lane Util (%)	Deg. Satn x	Aver. Delay (sec)	Eff. Stop Rate	Average Back Queue (veh)	Perf. Index
South: c Caridad del Cobre S									
1 L		208	1397	100	0.149*	8.4	0.64	0.3	3.58
2 T		66	1950	23	0.034	0.0	0.00	0.0	0.67
North: Caridad del Cobre N									
8 T		32	3776	100	0.008	0.0	0.00	0.0	0.32
9 R		1	118	100	0.008	8.2	0.67	0.0	0.02
West: calle 30 Cana W									
10 L		1	10	100	0.100	10.8	0.98	0.2	0.02
12 R		116	1142	100	0.102	10.8	0.93	0.2	2.27

* Maximum degree of saturation

Table 5.14 - Summary of Input and Output Data
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Lane No.	Demand Flow (veh/h) L	T	R	Tot	%HV	Adj. Basic Satf.	Eff Grn (secs) 1st	2nd	Deg Sat x	Aver. Delay (sec)	Longest Queue (m)	Shrt Lane (m)

South: c Caridad del Cobre S										
1 L	208			208	0		0.149	8.4	2	500
2 T		66		66	0		0.034	0.0	0	500
	208	66	0	274	0		0.149	6.4	2	
North: Caridad del Cobre N										
1 T		17		17	0		0.008	0.0	0	500
2 TR		15	1	16	0		0.008	0.5	0	500
	0	32	1	33	0		0.008	0.2		
West: calle 30 Cana W										
1 LR	1		116	117	0		0.102	10.8	1	500
	1	0	116	117	0		0.102	10.8	1	
ALL VEHICLES				Total Flow 424	% HV 0		Max X 0.149	Aver. Delay 7.1	Max Queue 2	

Peak flow period = 15 minutes.

Queue values in this table are mean back of queue (metres).

Note: Basic Saturation Flows are not adjusted at roundabouts or sign-controlled intersections and apply only to continuous lanes.

Table S.15 - Capacity and Level of Service
04 Int c. Caridad del Cobre, Cana y Proyecto
Pico PM Futuro
Intersection ID: 04
Stop Sign Controlled Intersection

Mov ID	Mov Typ	Total Flow (veh /h)	Total Cap. (veh /h)	Deg. of Satn (v/c)	Aver. Delay (sec)	LOS	Longest Aver. (vehs)	Queue Back (m)
South: c Caridad del Cobre S								
1	L	208	1397	0.149*	8.4	A	0.3	2
2	T	66	1950	0.034	0.0	A	0.0	0
North: Caridad del Cobre N								
8	T	32	3776	0.008	0.0	A	0.0	0
9	R	1	118	0.008	8.2	A	0.0	0
West: calle 30 Cana W								
10	L	1	10	0.100	10.8	B	0.2	1
12	R	116	1142	0.102	10.8	B	0.2	1
ALL VEHICLES:		424		0.149	7.1	NA	0.3	2

Level of Service calculations are based on average control delay including geometric delay (HCM criteria), independent of the current delay definition used.
For the criteria, refer to the "Level of Service" topic in the SIDRA Output Guide or the Output section of the on-line help.

NA Not Applicable - Intersection Level of Service is not calculated at two-way stop control or give-way/yield controlled intersections.

* Maximum v/c ratio, or critical green periods
" Movement level of service has been determined using adjacent lane v/c ratio rather than short lane v/c ratio (v/c=1.0)

Site: 04 Caridad y Cana PP
C:\Documents and Settings\Carlos M Contreras\My Documents\My Projects\Caridad del Cobre_Bayamón_Oct2008\Corridas\Caridad del Cobre.sap
Processed Oct 16, 2008 11:22:43AM

M0276, Traffic Consulting Group, Large Office
Produced by SIDRA Intersection 3.2.2.1563
Copyright ©2000-2008 Akcelik and Associates Pty Ltd
www.sidrasolutions.com

15

Sole Source Aquifers Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000

Sole Source Aquifers

11/3/2022, 5:21:39 PM

1:9,244,649

0 75 150 300 mi

0 115 230 460 km

Sole_Source_Aquifers

Esri, HERE, Garmin, NGA, USGS

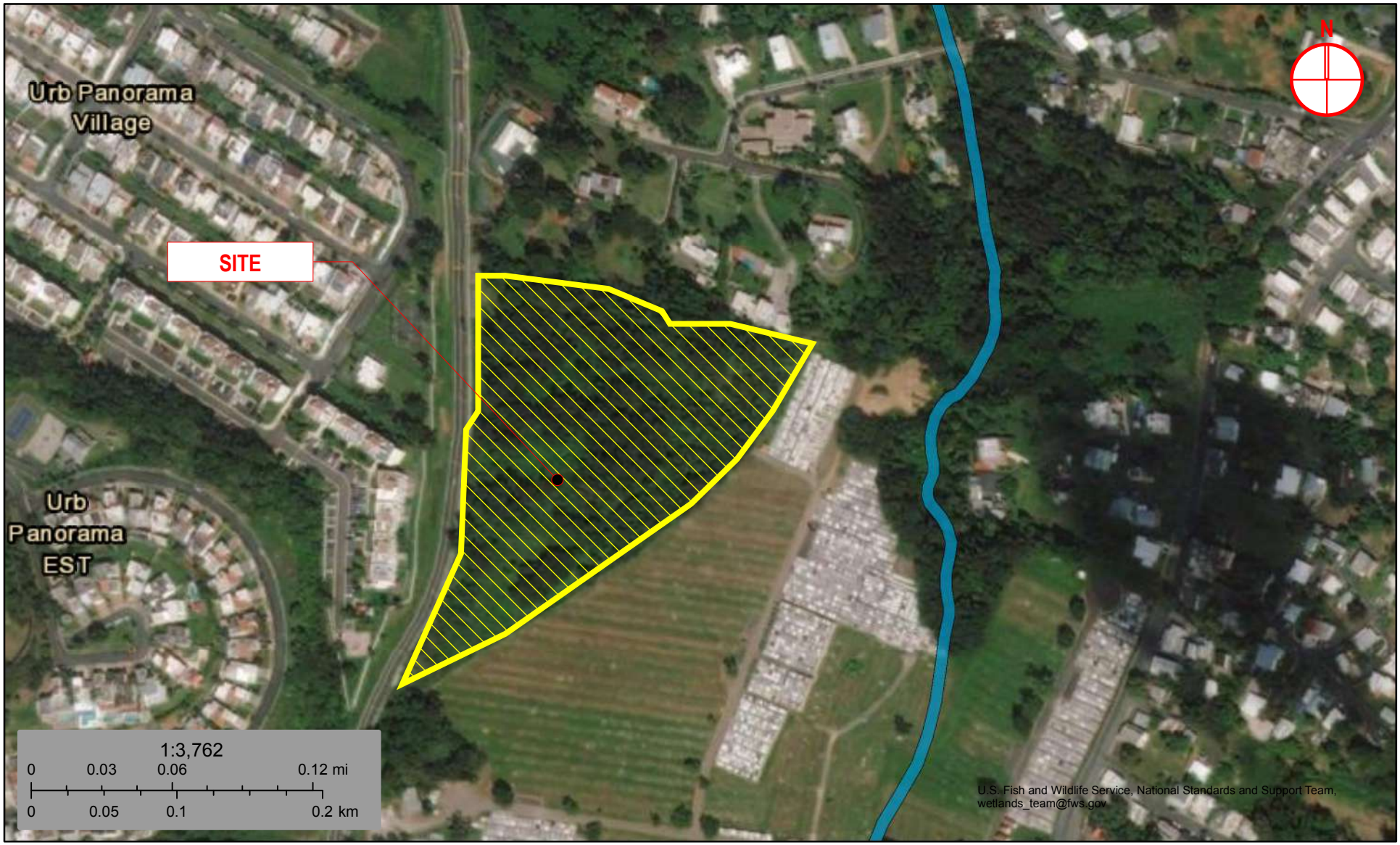
U.S. Environmental Protection Agency

16

National Wetlands Inventory (NWI) Map

U.S. Fish and Wildlife Service
National Wetlands Inventory

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000



November 22, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

16a

Wetlands Visual Assessment

CDBG-DR PROGRAM

Low Income Housing Tax Credit (LIHTC) Program

PRIMARY SCREENING FOR WETLANDS AS PER HUD's REGULATIONS AT 24 CFR 55.9(b)

General Information:		
Project Name (Case ID):	PR-LIHTC-00058	
Coordinates:	18.359445, -66.181305	
Parcel ID:	113-041-001-46	
Municipio:	Bayamón	
Report Date:	10/24/2025	
Preparer:	Alberto Mercado Vargas	
Project Scope:		
Does this project involve new construction as defined in Executive Order 11990? (The term "new construction" shall include draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun or authorized after the effective date of the Order.)	☒ Yes	☐ No (Based on the response, the review is in compliance)
Project Site Conditions: (Indicate whether the area is impacted or not. If impacted, specify what elements or factors are present.)	Based on the visual assessment conducted in accordance with HUD environmental review procedures, the site does not exhibit characteristics of a wetland. The area was completely cleared in the 1990s. Current vegetation consists mainly of opportunistic and ruderal species typical of previously impacted areas,	

	including scattered trees, dense vines, and grasses. No indicators of hydric soils, hydrophytic vegetation, or wetland hydrology were observed during the assessment. All adjacent areas are fully developed, confirming that the site is located within a previously altered and urbanized environment. These findings are consistent with the U.S. Fish and Wildlife Service's National Wetlands Inventory (NWI), which indicates no presence of wetlands within or adjacent to the project area

A. Visual Assessment (Desktop Study)

National Wetlands Inventory (NWI) Reference		
Coordinates: Click or tap here to enter text.		
Is the project area located in proximity to wetlands identified on the National Wetlands Inventory (NWI)?	☐ Yes	The project site is in proximity of wetlands identified on NWI.
	☒ No	The project site is not in proximity of wetlands identified on NWI.

B. Visual Assessment (Field Study)

Visual Assessment performed on: 10/24/2025

List Individual(s) conducting the assessment. List weather conditions the day the assessment was performed, description of Site Conditions and Transects performed at site.		
Individual(s) present:	Alberto Mercado Vargas	
Weather Conditions: (Prior and during the site visit)	At the time of the site visit, the weather conditions in Bayamón were warm and mostly cloudy, with an approximate temperature of 87 °F (30 °C). The sky remained overcast throughout the morning, and although no rainfall was observed during the inspection, high humidity and light winds were present, typical of tropical morning conditions. The overall weather was stable and suitable for field observation activities, with no adverse climatic factors affecting visibility or site access.	
Where transects performed?	☐ Yes	☒ No
If performed, how many transects were performed per transects?	Click or tap here to enter text.	

Wetland Vegetation:		
Was vegetation identified throughout the visit?	☐ Yes	Wetland vegetation was identified. (Provide supporting documentation)
	☒ No	No wetland vegetation was identified. (Provide supporting documentation).

Wetland Hydrology:		
Was visual inundation, ponding or saturation present at the site?	☐ Yes	☒ No
Were watermarks present within site (If applicable)?	☐ Yes	☒ No
If performed, how many borings were performed per transects?	n/a	
If performed, how many samples were taken?	n/a	
If performed, was underground water found throughout borings?	☐ Yes	☐ No
If boring were performed, summarize determination of borings:	n/a	
Reasoning as for why borings were not performed:	Subsurface soil borings were not conducted to validate the presence of wetland hydrology, as such testing was determined unnecessary based on field observations and the nature of the project. The site is situated on a hillside with no signs of water accumulation, hydrophytic vegetation, or other indicators of wetland hydrology. During the site visit, the area was observed to be previously and extensively disturbed, with evidence of vegetation removal,	

Wetland Hydrology:	
	soil movement, and grading activities that have altered the natural surface conditions. The existing vegetation consists primarily of invasive and upland species commonly found in disturbed environments, confirming the absence of wetland characteristics. Given these site conditions and the results of the visual ground-truthing inspection—supported by Photo 1 of the Supporting Documentation—the completion of soil borings or additional subsurface investigations was not warranted for this wetland visual assessment.
Provide supporting documentation (Photo Log) with brief descriptions and <u>georeferenced document</u> of all boring sample locations taken at end of form.	

Hydric Soils:	
What is the NRCS' soil classification for this site?	DaD - Daguey clay, 12 to 20 percent slopes 7.3, 95.9% HtE - Humatas clay, 20 to 40 percent slopes 0.3, 4.1%
If performed, how many borings were performed per transects?	n/a

Hydric Soils:		
If performed, when were the borings performed?	n/a	
If performed, how many samples were taken?	n/a	
If performed, what were the identified soils for each sample?	n/a	
If performed, does the identified soil sample concur with NRCS Soil Study Identification?	☐ Yes	☒ No
If performed, was underground water found throughout borings?	☐ Yes	☒ No
If boring were performed, summarize determination of borings:	n/a	
Reasoning as for why borings were not performed:	According to the NRCS Web Soil Survey, the site is primarily composed of Daguey clay (DaD) with 12 to 20 percent slopes, covering approximately 95.9% of the area, and a minor presence of Humatas clay (HtE) with 20 to 40 percent slopes, representing about 4.1% of the site. The Daguey clay series consists of well-drained, moderately permeable soils typically found on uplands and hillsides, formed in clayey residuum derived from volcanic rocks. These soils exhibit firm consistency, moderate shrink-swell potential, and low	

Hydric Soils:	
	susceptibility to ponding. The Humatas clay series is also well-drained, occurring on steeper slopes, and characterized by strong structure and minimal saturation risk. Given these soil characteristics—well-drained profiles, stable structure, and the absence of hydric indicators or unstable substrates—the site does not warrant subsurface investigations or soil borings for environmental assessment purposes. The NRCS classification confirms that the soils are upland and non-hydric, thereby substantiating the findings of the Wetland Visual Assessment and supporting the conclusion that no wetland conditions are present. (see supporting documentation section)
Provide supporting documentation (Photo Log) with brief descriptions and <u>georeferenced document</u> of all boring sample locations taken at end of form.	

Summary of Finding for Wetland Indicators	
	☐ Wetlands Vegetation
	☐ Hydric Soils

Is there a presence of mentioned indicators or characteristics of wetlands within the assessed area?	☐ Hydrology
	☒ No Indicators were observed

C. Determination

Visual Assessment Field Study and Desktop Study		
Based on Visual Assessment Field Study and Desktop Study:	☐	The primary screening conclusively determined that the project site contains wetlands.
	☒	The primary screening conclusively determined that the project site does not contain wetlands.
	☐	The primary screening is inconclusive; potential wetlands should be further studied.

D. Supporting Documentation

The best available information such as NRCS Soil identification, Maps, USDA Plant Lists, previous USACE wetland determinations, if any, and/or documentation of project site (if available) must be provided to support the determination made. All supporting documentation must provide source reference.

Field Study photos, photo log, and georeferenced document demonstrating location of all boring sample must be included in this form.

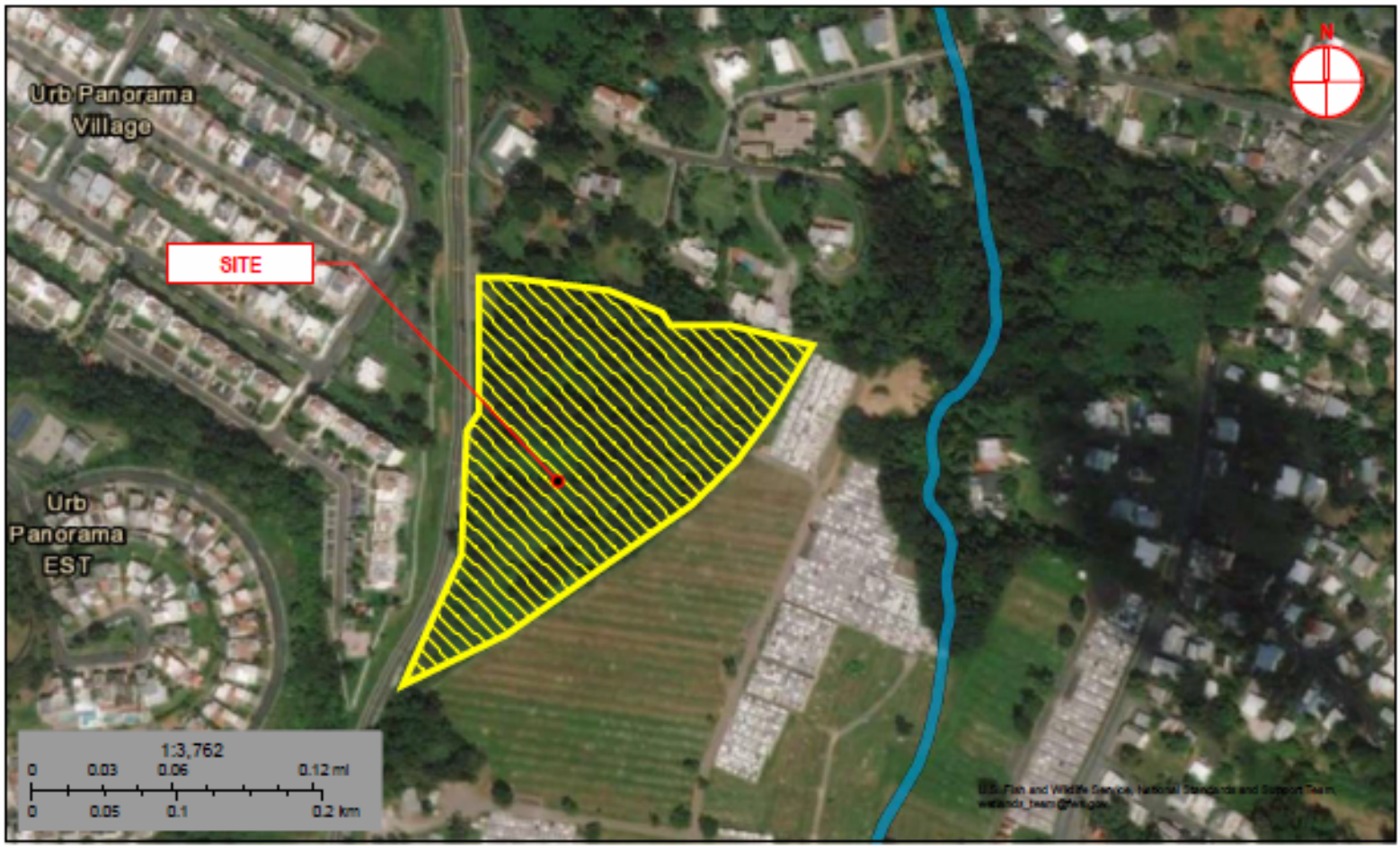
Supporting Documentation

Photo 1 *- Aerial images from Google Earth illustrate the progressive land conditions within the project area. The 1994 imagery (left) shows the site completely cleared, confirming the absence of wetlands or hydrophytic features. The 2006 image depicts subsequent site clearing activity, followed by opportunistic vegetation growth over time due to lack of maintenance. The most recent 2025 imagery (right) shows the site covered by dense vegetation with no evidence of recent maintenance or ground disturbance.*

USFWS – National Wetland Inventory

U.S. Fish and Wildlife Service
National Wetlands Inventory

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445° N, -66.181305° W
Cadastral Number: 113-041-001-46-000



November 22, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Plants Inventory

A comprehensive scientific inventory of plant species was not conducted, as the vegetation observed on-site is typical of previously disturbed areas in Puerto Rico rather than natural or undisturbed ecosystems. None of the species identified are associated with wetland environments, and the site lacks any indicators of hydrophytic vegetation, hydric soils, or wetland hydrology. The area is located on a hillside with well-drained soils, consistent with upland conditions.

Vegetation identified within the site includes *Spathodea campanulata* (African tulip tree), *Albizia procera* (white siris), and several vine and creeping plant species such as *Cissampelos pareira*, *Cissus verticillata*, and *Sphagneticola trilobata* (Wedelia). These species are common in disturbed upland areas across Puerto Rico and are typically associated with highly impacted or previously cleared environments.

Based on these observations, the site qualifies as upland habitat with no wetland jurisdictional features.

Photo 2 - *General view of the project site showing invasive vegetation composed of trees, shrubs, vines, and grasses typical of previously disturbed upland areas in Puerto Rico. This vegetation is characteristic of non-wetland environments, with no indicators of hydrophytic conditions observed.*

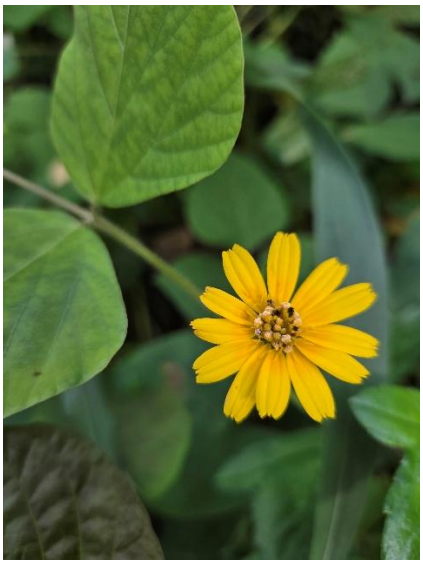


Photo 3 - *Sphagneticola trilobata.*

Photo 4 *- Cyathea arborea (tree fern) observed within the site is a native upland species commonly found on forested slopes and upland areas of Puerto Rico.*

Photo 5 - *View of the central portion of the project site showing dense secondary vegetation composed of invasive trees, vines, grasses, and other upland species. The observed vegetation is typical of previously disturbed areas, with no evidence of hydric soils or wetland hydrology indicators.*

NRCS Web Soil Survey Data

Soil Map—San Juan Area, Puerto Rico
(PR-LIHTC-00058)
DaD
HtE
Soil Map may not be valid at this scale.
Map Scale: 1:2,000 if printed on A portrait (8.5" x 11") sheet.
Meters
0 25 50 100 150
Feet
0 50 100 200 300
N
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84
USDA Natural Resources Conservation Service
Web Soil Survey
National Cooperative Soil Survey
10/26/2025
Page 1 of 3

Soil Map—San Juan Area, Puerto Rico
(PR-LIHTC-00058)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 19, Sep 11, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

10/26/2025
Page 2 of 3

Map Unit Legend

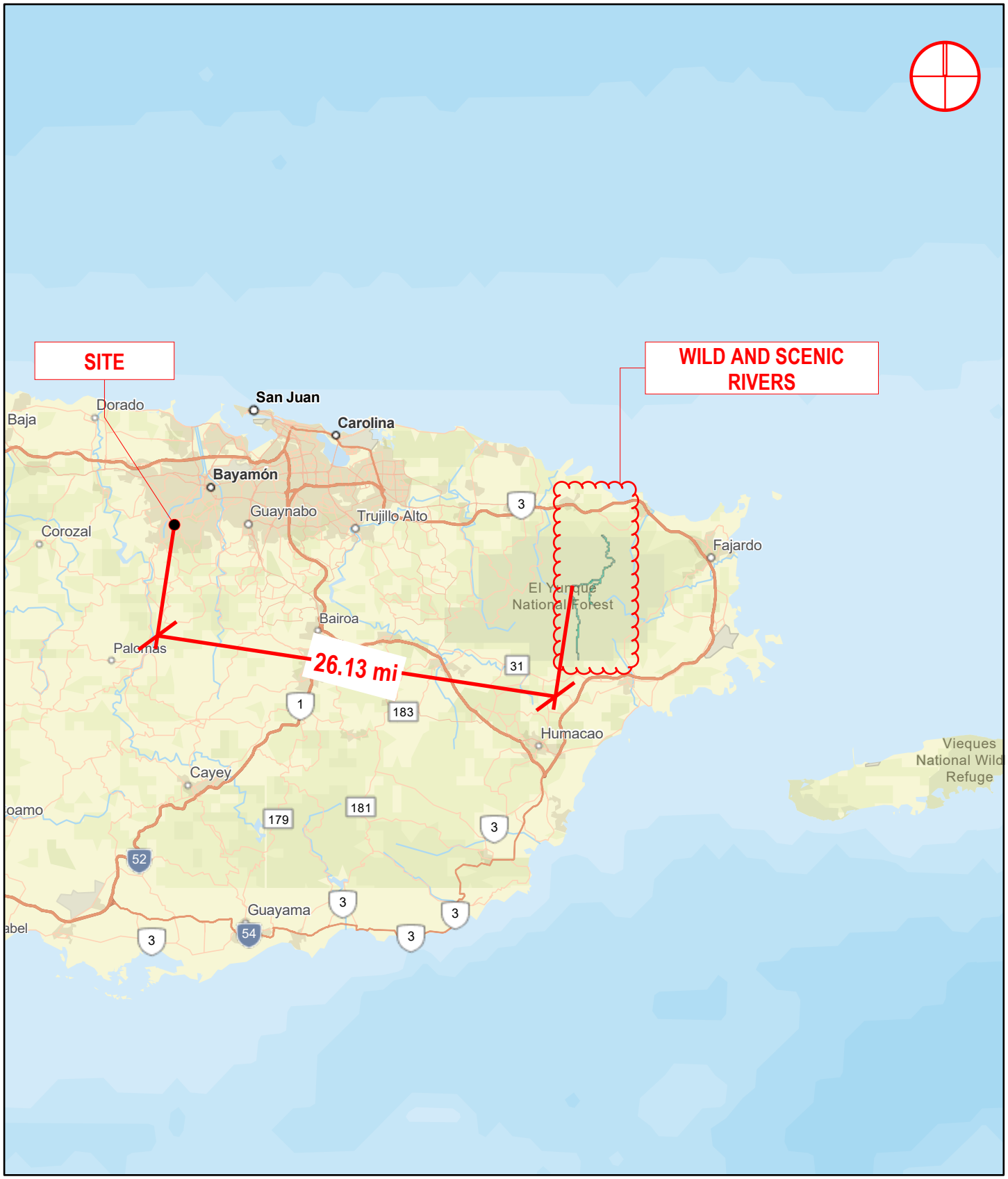
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DaD	Daguey clay, 12 to 20 percent slopes	7.3	95.9%
HtE	Humatas clay, 20 to 40 percent slopes	0.3	4.1%
Totals for Area of Interest		**7.6**	**100.0%**

17

Wild and Scenic Rivers Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000

Wild and Scenic Rivers



June 15, 2023

1:577,791

0 4.75 9.5 19 mi

0 5 10 20 km

Wild and Scenic Rivers

Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NPS

18
Site Photo Log

SITE PHOTOGRAPHS – APOLONIA APARTMENTS

PR-830, km 0.5, Cerro Gordo Ward of Bayamon

SITE PHOTOGRAPHS – APOLONIA APARTMENTS

PR-830, km 0.5, Cerro Gordo Ward of Bayamon

PRIVILEGED AND CONFIDENTIAL

Photograph 1: Partial view of the western portion of Subject Site looking towards the northeast.

Photograph 2: Partial view of the western portion of Subject Site looking towards the east.

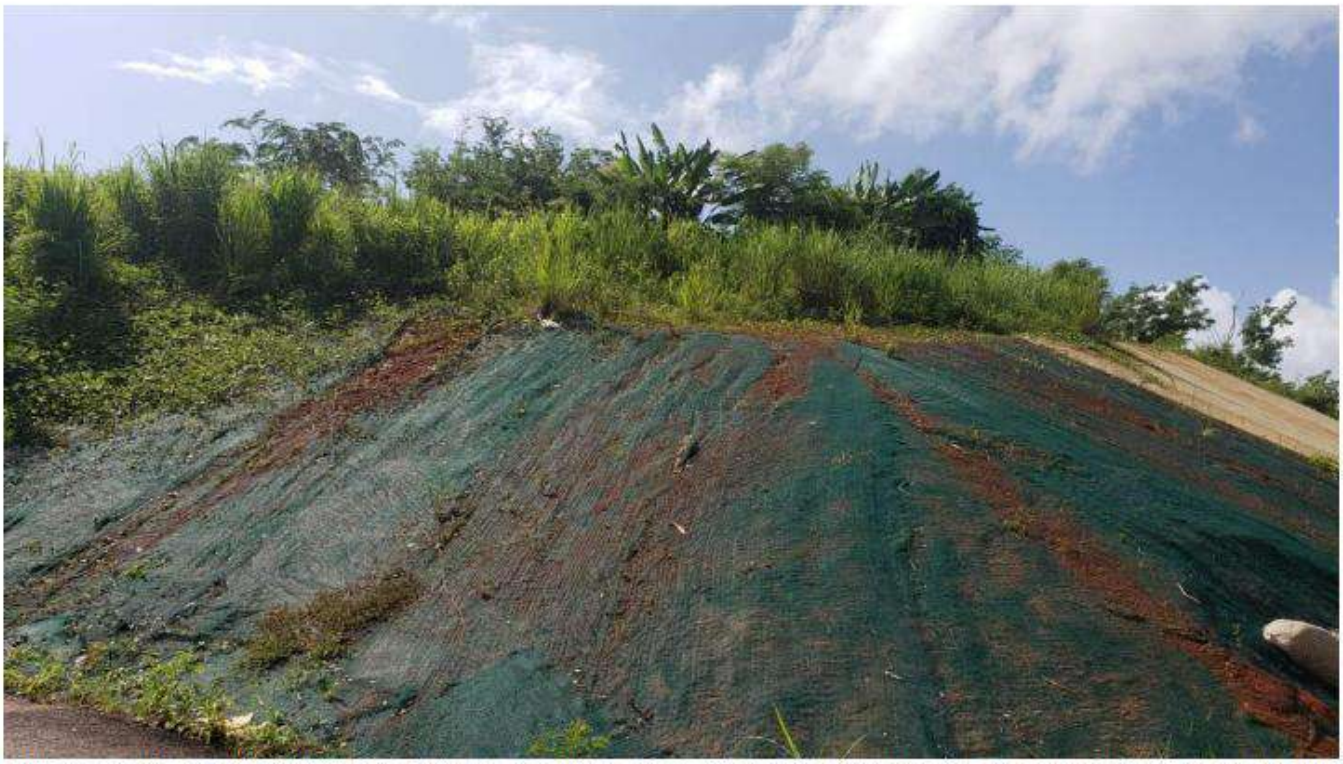
Photograph 3: Partial view of the southwestern portion of Subject Site and surroundings, looking towards the south.

Photograph 4: Partial view of the southwestern portion of Subject Site looking towards the southeast.

Photograph 5: Partial view of the southwestern portion of Subject Site looking towards the northeast.

Photograph 6: Partial view of the southern portion of Subject Site looking towards the northeast.

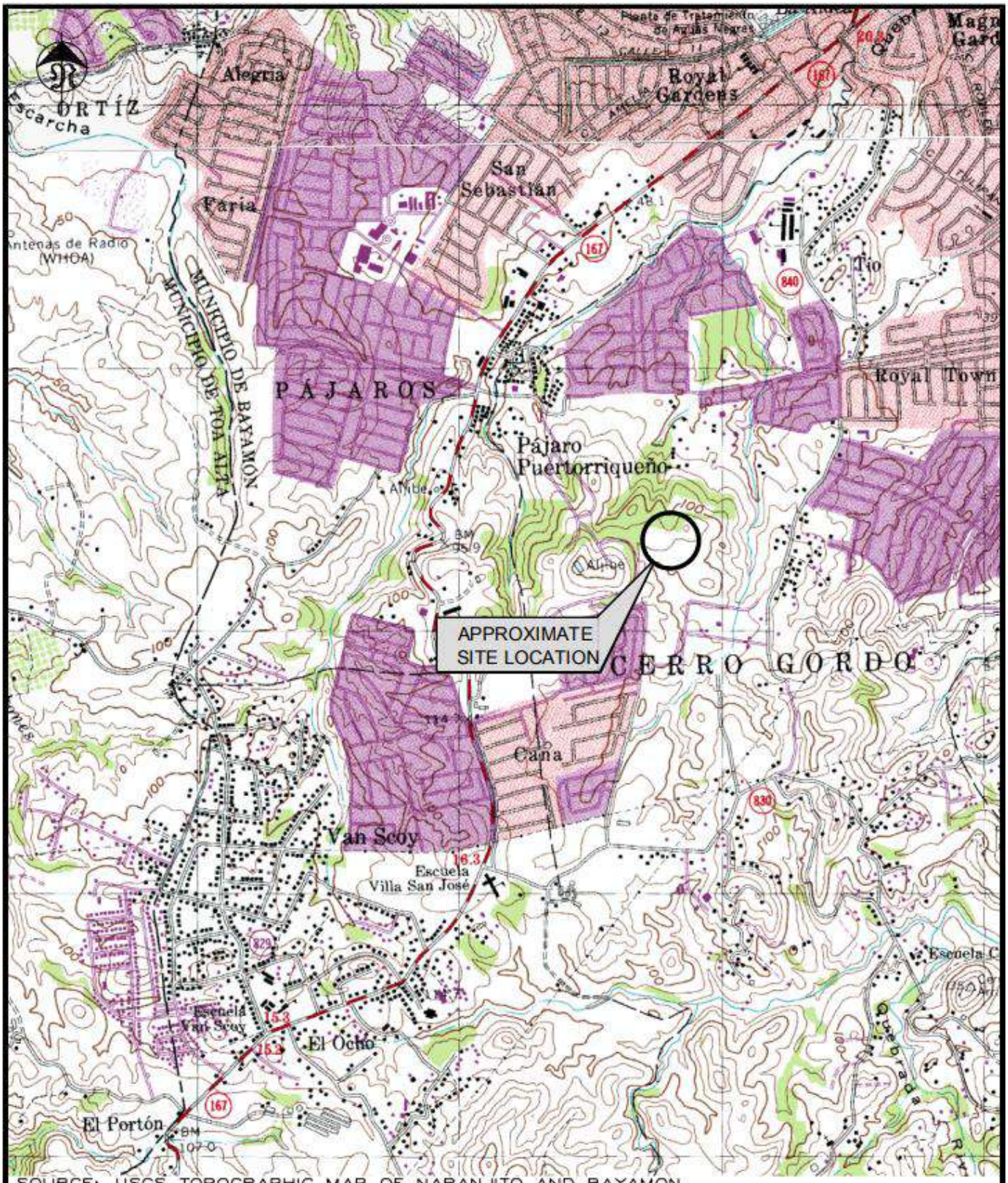
PRIVILEGED AND CONFIDENTIAL



Photograph 7: Partial view of the northwestern portion of Subject Site looking towards the south.

Photograph 8: Partial view of the eastern portion of Subject Site looking from the adjoining cemetery.

19
USGS Topographic Map



SOURCE: USGS TOPOGRAPHIC MAP OF NARANJITO AND BAYAMON QUADRANGLES, 1969 (PHOTOREVISED 1982)

SCALE: 1:20,000

CES Caribe Environmental Services	PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT VACANT PARCEL PR-830, KM. 0.5 (INT.) CERRO GORDO WARD BAYAMON, PUERTO RICO	SITE VICINITY MAP PROJECT NO. 18-0025 APPENDIX 1

08/13/2018 F&R Caridad del Cobre Bayamon Phase I.dwg

20

Department of Agriculture Classification of Zone

GOBIERNO DE PUERTO RICO
Departamento de Agricultura

20 de agosto de 2023

Lcdo. Félix E. Rivera Torres
Director Ejecutivo
Oficina de Gerencia de Permisos
PO Box 41179
San Juan, Puerto Rico 00940-1179

Consulta 2020-336645-SRU-071225
Apolonia Apartments
Arq. Ricardo Álvarez Díaz
Bo. Cerro Gordo, Bayamón

Mediante esta consulta se propone la construcción de un complejo residencial multifamiliar de interés social de 138 apartamentos de dos y tres habitaciones, distribuidos en cinco edificios de tres niveles cada uno. Este proyecto se llevará a cabo en una finca de 8.68 cuerdas, ubicada en la PR 840, interior, Bo. Cerro Gordo del municipio de Bayamón. Los terrenos están calificados (zonificados) **Residencial Intermedio** en un 85% y Vial en un 13%. Además, los mismos poseen una clasificación de **Suelo Urbano (SU)**, según el Plan de Uso de Terrenos de Puerto Rico.

En la inspección de campo efectuada, se constató que la finca objeto de consulta se encuentra vacante, colinda con viviendas unifamiliares individuales, urbanizaciones de alta densidad, el cementerio Los Cipreses, la avenida Caridad del Cobre y ubica en un sector de amplio desarrollo urbano. No se observaron actividades, ni unidades de alto valor agrícola que pudieran resultar perjudicadas con la aprobación del proyecto residencial propuesto.

Considerando todo lo antes descrito, concluimos que la propuesta armoniza con el comportamiento y el desarrollo predominante en el sector. Además, la construcción de los apartamentos redundará en beneficio de cientos de familias y del municipio en general. Por consiguiente, este Departamento no se opone al uso propuesto.

Cordialmente,

David Velázquez Córdova

Nancy I. Sánchez Villanueva, MBA **Por: Agro. David Velázquez Córdova**
Directora
Oficina de Iniciativas para la
Preservación de Terrenos

DVC

Ave. Fernández Juncos, Edifico 1309, Pda. 19 ½ Santurce.
Apartado 10163, San Juan, PR 00908-1163
Tel (787) 721-2120 Fax (787) 723-8512

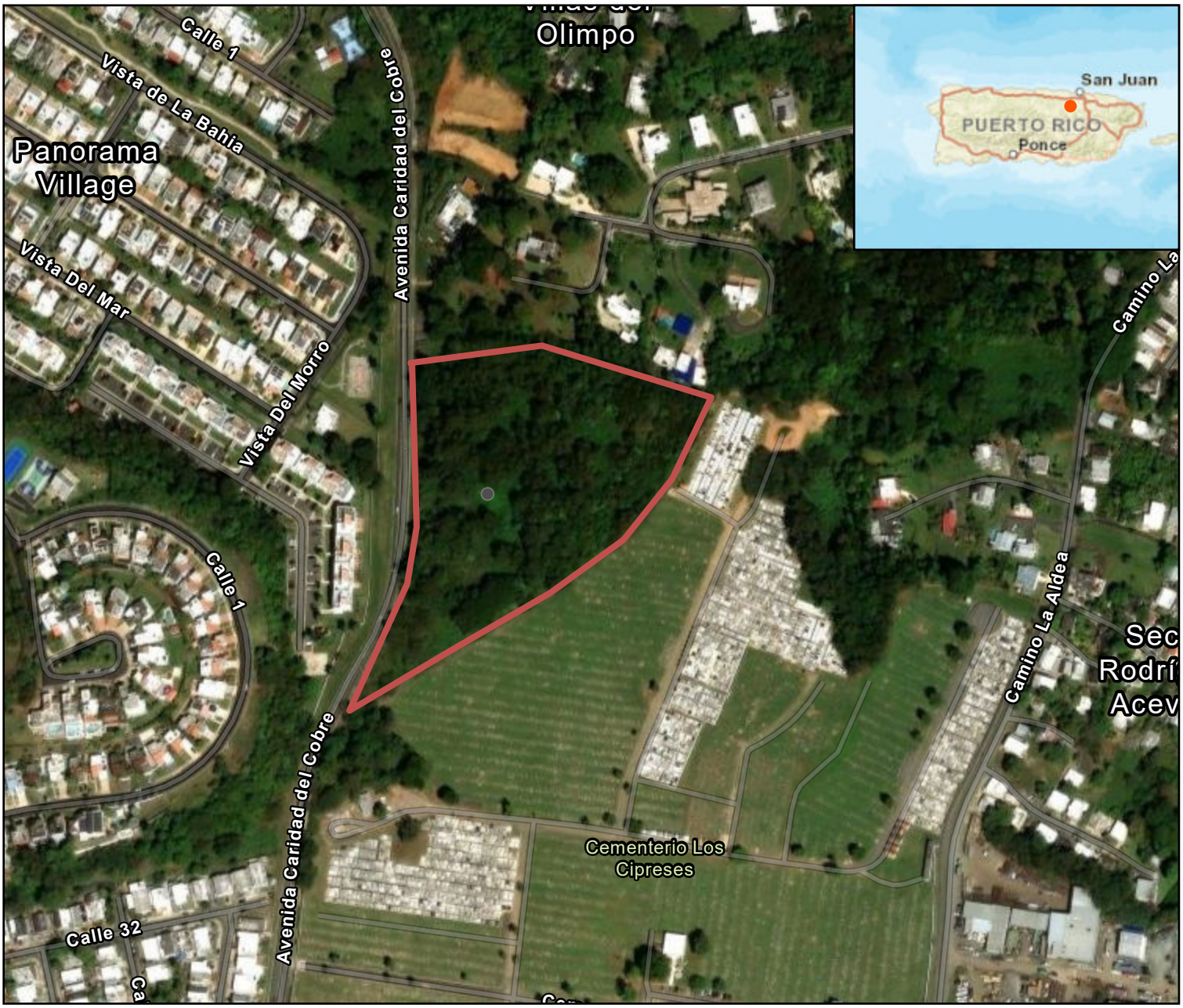
21

Karts

Topography Map

Karst Topography Map

Low Income Housing Tax Credit (LIHTC) Program
Location: Barrio Cerro Gordo, PR-830 KM 0.5, Bayamón, PR
Coordinates: 18.359445, -66.181305
Cadastral Number: 113-041-001-46-000.



Legend

- Restricted Karst Buffer Zone 50m
- Restricted Karst Limit
- Karst Zone APE-ZC
- No Karst
- Project Site

0 0.04 0.09 0.17 mi

N W E S

10/24/2025 2:13 PM

22

Municipality Endorsement Letter

CIUDAD DE BAYAMÓN
OFFICE OF THE MAYOR

July 30, 2019

María V. Santiago
Puerto Rico Housing Finance Authority
Juan C. Cordero Building
606 Barbosa Avenue – 3rd Floor
Rio Piedras, Puerto Rico 00919-0345

Dear Ms. Santiago:

Apolonia Apartments – Federal Low-Income Housing Tax Credits

Please accept this letter expressing the Municipality's support for Apolonia Partner's application to construct 186 new two and three-bedroom apartments for income qualified residents.

The proposed development calls for construction on an 8.69 acre vacant site located at PR-830, km. 0.5, Cerro Gordo Ward of the Municipality of Bayamón. The project consists of 186 units (84 two-bedroom units and 102 three-bedroom units), a community center, green areas and playground areas for children. The site is ideally located for this type of development due to its proximity to a number of community amenities. Apolonia Apartments will be an exciting and significant development for the Bayamón Municipality.

The partnership between MHDC-PR and Urbanus Development will serve to strengthen our community with quality and affordable rental housing. The low-income housing tax credits will be critical to the success of this project and I strongly encourage PRHFA and other funders to evaluate the Project.

Sincerely,

Ramón Luis Rivera Cruz
Mayor

• PO Box 1588 • Bayamón PR 00960-1588
• 787-780-8447 • 787-780-2586 • Fax: 787-798-6485
• www.municipiodebayamon.com • Government of Puerto Rico

23

Geo-technical Study (2006)

GEOTECHNICAL ENGINEERING REPORT
ON
SUBSOIL EXPLORATION
FOR
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORDO WARD
BAYAMON, PUERTO RICO

GMTS Job No. G060778

Prepared for:

Engr. Carlos Solís
Urbanus Development, Corp.
PO Box 9932
San Juan, P.R. 00908-9932

October 26, 2006

HECTOR LAVERGNE-RAMIREZ
INGENIERO CIVIL LICENCIADO
LIC. 8237
PUERTO RICO

Prepared by:

GMTS, Corp.
A-5 Amur Street Reparto Landrau
San Juan, Puerto Rico 00921
Tel. 787.792.8904 / Fax 787.782.7455
e-mail: gmts@gmts-pr.com

This document consists of _____ pages.

Este documento consiste de _____ páginas.

GMTS

Important Information About Your

Geotechnical Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

The following information is provided to help you manage your risks.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you* — should apply the report for any purpose or project except the one originally contemplated.

Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,
- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are *Not* Final

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final,* because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual

subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

A Geotechnical Engineering Report Is Subject to Misinterpretation

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Contractors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time* to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The equipment, techniques, and personnel used to perform a *geoenvironmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else.*

Obtain Professional Assistance To Deal with Mold

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the *express purpose* of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, a number of mold prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical engineering study whose findings are conveyed in this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; ***none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.***

Rely, on Your ASFE-Member Geotechncial Engineer for Additional Assistance

Membership in ASFE/The Best People on Earth exposes geotechnical engineers to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a construction project. Confer with you ASFE-member geotechnical engineer for more information.

ASFE
The Best People on Earth

8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

Copyright 2004 by ASFE, Inc. Duplication, reproduction, or copying of this document, in whole or in part, by any means whatsoever, is strictly prohibited, except with ASFE's specific written permission. Excerpting, quoting, or otherwise extracting wording from this document is permitted only with the express written permission of ASFE, and only for purposes of scholarly research or book review. Only members of ASFE may use this document as a complement to or as an element of a geotechnical engineering report. Any other firm, individual, or other entity that so uses this document without being an ASFE member could be committing negligent or intentional (fraudulent) misrepresentation.

IIGER06045.0M

COLEGIO DE INGENIEROS Y AGRIMENSORES DE PUERTO RICO

P. O. Box 363845 • San Juan, Puerto Rico 00936-3845 Tel. (787) 758-2250 • Fax (787) 758-7639

Factura Colegiación 2006-2007

☐ Favor corregir mi información:

8237 - P.E.

ING. HECTOR LAVERGNE RAMIREZ
PO BOX 195374
SAN JUAN PR 00919-5374

Fecha de Expiración de Licencia/Certificado (formato **mes/día/año**): 8/10/2008

Dirección Postal:

<<COPIA PARA sello>>

RECEIVED
AUG 04 2006

Correo Electrónico:

Fecha de Expiración de Licencia/Certificado (formato **mes/día/año**):

Núm. Factura	Fecha	Núm Colegiado	Balance Anterior	Cuota 2006-2007	**Cantidad a Pagar**
07-8237	1-jun-06	8237	0.00	$200.00	**200.00**

COLEGIO DE
INGENIEROS Y AGRIMENSORES
DE PUERTO RICO

64828

$ 200.00 Fecha: 08/04/2006

Recibí de: Héctor Lavergne Ramirez

Licencia o Certificado Núm. 8237

Para: Colegiación 2006-07

☐ Efectivo
☒ Cheque o Giro 7981
☐ Tarjeta de Crédito
☐ ATH / Tarjeta de Débito

Por: Maria Monros

Este comprobante de pago del Colegio de Ingenieros y Agrimensores de Puerto Rico se provee exclusivamente como parte de este Informe Geotécnico.

Proyecto: Caridad Del Cobre Development
Barrio Cerro Gordo
Bayamon, Puerto Rico

Proyecto GMTS Núm.: G060778

Fecha: 26 de Octubre de 2006

HECTOR LAVERGNE-RAMIREZ
INGENIERO CIVIL LICENCIADO
LIC. 8237
PUERTO RICO

GMTS

Estado Libre Asociado de Puerto Rico
Departamento de Estado
Secretaría Auxiliar de Juntas Examinadoras

certificamos que,
Hector Lavergne Ramirez
esta autorizado a ejercer como
Ingeniero Licenciado
en Puerto Rico

Licencia Núm: **8237**
Expedición: **11 de agosto de 2003**
Expiración: **10 de agosto de 2008**

Secretario Auxiliar

Presidente de la Junta

Colegio de Ingenieros y Agrimensores de Puerto Rico

Ingeniero Licenciado
Miembro en Propiedad
8237 P.E.

Ing. Hector Lavergne Ramirez

Colegiación expira 31/08/2007

TABLE OF CONTENT

Page

1.0 INTRODUCTION 1

2.0 SITE LOCATION AND PROJECT DESCRIPTION 1

3.0 SCOPE OF WORK 2

4.0 GENERAL GEOLOGY 3

5.0 BORING DATA 3

6.0 DISCUSSION 5

7.0 GEOTECHNICAL ENGINEERING RECOMMENDATIONS 9
- 7.1 Site Improvement/Earthwork 9
  - 7.1.a. Clearing, Grubbing and Stripping 9
  - 7.1.b. Proof Rolling 10
  - 7.1.c. Fill Materials 10
  - 7.1.d. Compaction 11
  - 7.1.e. Slopes 12
  - 7.1.f. General 13
- 7.2 Foundations 14
- 7.3 Floor Slabs / Pavements 14

8.0 LIMITATIONS OF THIS REPORT 15

APPENDIX NO. 1
FIGURES

APPENDIX NO. 2
BORING LOGS

APPENDIX NO. 3
FIELD AND LABORATORY TESTING PROCEDURES

APPENDIX NO. 4
TABLE 1 – SOIL PROPERTIES

APPENDIX NO. 5
PLAXIS ANALYSES OUTPUT

APPENDIX NO. 3
GEOTESTING EXPRESS REPORT

GEOTECHNICAL ENGINEERING REPORT
ON
SUBSOIL EXPLORATION
FOR
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORDO WARD, BAYAMON, PUERTO RICO

GMTS Job No. G060778

1.0 INTRODUCTION

Urbanus Development Corp. is planning the development of a tract of land into Caridad del Cobre Development, in Cerro Gordo Ward, Bayamón, Puerto Rico. At the request of Engr. Carlos Solís, from Urbanus Development Corp., GMTS conducted a subsoil exploration on the site of the proposed project.

This report presents the results of the subsoil exploration program conducted at site, and the corresponding Geotechnical Engineering recommendations for the design of the proposed project. The subsoil investigation and laboratory analyses were performed by GMTS, under the supervision of the undersigned.

2.0 SITE LOCATION AND PROJECT DESCRIPTION

The site of the proposed project is located off State Road PR-840, north of the Los Cipreses Cemetery in Cerro Gordo Ward, in Bayamón, Puerto Rico. Topography at the site consists of a plateau in the eastern and central sectors ranging in elevation from about Elev. 104 m to Elev. 110 m, and sloping down towards the south and western portions to Elev. 94 m to 100 m. Vegetative cover includes tall grass, shrubs, and trees. **Figure 1**, included in **Appendix 1**, shows the location of the project.

During our site reconnaissance, it appeared that the site had been subjected to excavation previously, and mounds of boulders and construction debris in general were observed throughout the site.

The proposed project considers the construction of 13 walk-up walk-down type apartment buildings, and parking and recreational areas.

3.0 SCOPE OF WORK

The scope of work performed included a site reconnaissance, a subsurface exploration program with soil borings, laboratory testing of secured samples, engineering analyses of field and laboratory data, and the preparation of this report. The data obtained and the analyses performed were used to provide geotechnical recommendations for site improvement and design of the foundation system for the proposed structures.

The subsoil exploration program consisted in drilling **14 borings** to depths of 25 to 41 feet below the existing grade at the time of our fieldwork. The borings layout was established by Professional Land Surveyor Jorge Rivera Cacho, contracted by Urbanus Development Corp., and shown to our field personnel. The locations of the borings are shown on **Figure 2**.

The borings were performed using the rotary hollow-stem auger technique in accordance with ASTM D-1452. Samples were obtained using the "Standard Penetration Test" (SPT), as specified in ASTM D 1586. All samples obtained were tested for:

a. Visual-manual classification procedure in accordance with ASTM D 2488,
b. Natural moisture content as per ASTM D 2216, and
c. Unconfined compressive strength of cohesive soils.

Undisturbed samples were also obtained and tested for:

a. Specific Gravity (ASTM D 854),
b. Direct Shear Test (ASTM D 3080),
c. Consolidated Drained Triaxial Test (EM 1110), and
d. Incremental Consolidation Test (ASTM D 2435)

Measurement to the depth of the groundwater levels was made in the open boreholes, upon completion of drilling. These observations are recorded on the individual boring logs, included in **Appendix 2**. For detailed description of the procedures followed for the drilling of the test borings and laboratory testing, please refer to **Appendix 3.**

4.0 GENERAL GEOLOGY

According to the **GEOLOGIC MAP OF THE NARANJITO QUADRANGLE, PUERTO RICO**, the area of the project is underlain by the ***Cerro Gordo Lava.*** This map was prepared by Mr. Maurice H. Pease, and published by the United States Geological Survey (USGS) in 1968. A description of this unit is presented below:

> ***"Cerro Gordo Lava -*** *... flow breccia, and minor tuff and tuff breccia exposed in Barrio Cerro Gordo in the Naranjito Quadrangle..."*
>
> *"The characteristic lava of this formation is porphyric basaltic andesite having a bluish-gray to greenish-gray groundmass..."*
>
> *"Lava locally interfingers with and is interstratified with coarse-grained breccia and massive tuff...".*

5.0 BORING DATA

The borings disclosed that the soil profile at site is in general agreement with the description cited in the geologic map. Based on the data from the borings drilled, the

soil profile at the site can be divided, for the purpose of this report, into four strata, identified as **Stratum A, B, C,** and **D,** respectively.

Stratum A: Borings B-10 to B-13 disclosed an uppermost layer of what appears to be old fill, described as silty clay with variable amounts of sand and rock fragments, and occasional construction debris. Colors are generally dark tones of red, brown, and yellow in various combinations. The consistency, based on SPT N-values, ranges from soft to hard. The natural moisture content ranges from 13 to 39 percent, and the unconfined compressive strength of the cohesive samples ranges from 1.2 to 4.5 tons per square foot (tsf). This deposit extends from ground surface to depths ranging from about 6 to 15 feet below existing grade.

Stratum B: Underlying the above-described deposit, where found, and from ground surface in the remaining borings, the soil profile consists of red, brown, and brownish yellow interbedded silty clays and clayey/sandy silts with variable amounts of rock fragments. The consistency, based on SPT N-values, ranges from stiff to hard. The natural moisture content ranges from 18 to 53 percent, and the unconfined compressive strength of the cohesive samples ranges from 1.5 to 7.6 tsf. This unit extends to depths ranging from 4 feet in Borings B-6 and B-7, to the full depth drilled of 40 feet in Borings B-3 to B-5, and was not found in Boring B-9.

Stratum C: Underlying **Stratum B**, and from ground surface in Boring B-9, borings disclosed the presumed natural saprolitic material of the area, described as indurated sandy/clayey silt with occasional weathered rock fragments. Colors are generally red, yellow, and brown in various combinations, with occasional black joints. The consistency of this material is hard, with N-values generally exceeding 40 blows per foot. The natural moisture

content ranges from 11 to 35 percent, and the unconfined compressive strength of the cohesive samples ranges from 3.0 to 4.5 tsf. This unit extends to depths ranging from 8 feet in Boring B-7 to 30 feet below existing grade in Boring B-2.

Stratum D: Underlying **Stratum C**, and extending to the full depths drilled, the borings disclosed the apparent natural weathered rock formation of the area. Samples were described as indurated sandy/clayey silt and weathered rock fragments.

The phreatic surface was not detected in the borings drilled at the time of our fieldwork. The reader should be aware that accurate phreatic levels, especially in fine-grained soils, can only be measured by monitoring observation wells until the water table is stabilized. This is beyond the scope of this work. **GMTS will not be held responsible for assumptions made by others based on phreatic surface information provided in this report.**

All depths mentioned in this report, unless otherwise specified, are referred to the existing ground elevation prevailing during the period of our fieldwork. For a detailed description of soils found at a site, please refer to boring logs included in **Appendix 2**. Logs show only the subsurface conditions on the date and locations indicated. Subsoil changes may occur within short distances. If this condition is observed, it is essential that this office be notified for a site visit.

6.0 DISCUSSION

As indicated earlier, the proposed project considers the construction of 13 walk-up walk-down type apartment buildings, and parking and recreational areas. Based on grading

plans provided by Engr. Carlos Solís, cuts of up to 5 meters and fills of up to 4 meters are contemplated to attain final grade.

Borings drilled at the site generally disclosed a uppermost deposit of stiff to hard clayey silt/silty clay that grades down into saprolite and weathered rock. This uppermost deposit was found to be deeper towards the southeastern sector of the site (up to 40 feet in Borings B-3 to B-5) and grading up towards the northeastern sector of the site along the existing slope (Boring B-9).

As indicated earlier, we observed that the site appears to have been subjected to excavation previously. It should be noted that during our site reconnaissance we observed mounds of boulders and construction debris in the general area of Borings B-1, B-5, B-11, B-12 and B-13, and in general throughout the site. Borings B-11, B-12 and B-13 disclosed what appears to be miscellaneous waste and construction debris ("escombros") as deep as 10 to 15 feet below ground surface. To assess the vertical and horizontal extent of the deposited debris, exploratory (test) pits are required.

As indicated in plans provided to this office, several of the proposed structures will be located at the crest of the existing eastern slope, which is adjacent to the Cipreses Cemetery. To assess this condition, a site geologic survey reconnaissance was performed, in which we observed the following:

- The slope is presently covered with trees, which showed no signs of movement or creep of the slope.

- Some erosion and erosion channels were observed on the slope, although they were mainly superficial and mainly occurring in organic material produced by the surrounding vegetation.

- The soil condition at the face of the slope consists mainly of weathered rock, generally exhibiting a higher degree of weathering toward the southern portion of the slope.

- The rock is of volcanic origin, and the fractures and jointing observed on the weathered rock at the face of the slope appeared to have an irregular surface, and did not exhibit a defined pattern.

- No geologic structure, such as stratification, was visible.

Based on the above, the slope appears to be stable in its existing configuration.

Nevertheless, the stability of the subject slope was evaluated considering the proposed configuration indicated on drawings provided to this office. To perform this evaluation, undisturbed samples were recovered from the site and subjected to specialized strength and compressibility testing. The results from these tests are summarized in **Table 1**, included in **Appendix 4**.

We performed our evaluation using the **PLAXIS Finite Element Code for Soil and Rock Analyses**, which is a powerful and theoretically robust two-dimensional finite element code capable of modeling soil behavior and soil-structure interaction. The data summarized in **Table 1** were used as input to model the soils at the site. We considered two critical sections in our analyses, identified as Sections K/A-1 and O/A-1, shown on **Figure 1**.

The proposed configuration at Section K/A-1 was evaluated considering a mat foundation exerting a bearing pressure of 2.5 ksf, at a depth of foundation of 5 feet

below proposed grade. The results of our analyses for this condition indicate that the global factor of safety against instability is about **1.7** for static conditions. The factor of safety for pseudo-static (seismic) conditions is about **1.15**, considering a horizontal acceleration of 0.15g, which is 50% of the peak ground acceleration (PGA) of 0.3g, as required for Puerto Rico (Zone 3, as per UBC 97). These factors of safety are considered adequate by prevailing Geotechnical Engineering Standards.

We also evaluated the proposed configuration at Section O/A-1, considering a mat foundation exerting a bearing pressure of 2.5 ksf. The proposed configuration presents the edge of the proposed building at the face of the slope, and a retaining wall downslope. However, in our analyses, we have considered that the foundations will be cast at a depth of foundation of 5 feet, allowing a distance of at least H/3 (where H is the height of the slope) between the edge of the foundation and the face of the slope. The results of our analyses for this condition indicate that the global factor of safety against instability is about **1.5** for static conditions. The factor of safety for pseudo-static (seismic) conditions is about **1.17**, considering a horizontal acceleration of 0.15g. These factors of safety are considered adequate by prevailing Geotechnical Engineering Standards.

It should be noted that the above-described analyses were performed considering the soil mass as a continuum using lower boundary strength and compressibility parameters. Existing joints and/or fractures within the saprolitic soil and weathered rock mass were not accounted for in our analyses. Hence, it is essential that continuous observation and monitoring be performed by a Geotechnical Engineer during excavation operations and construction of the foundations for the proposed structures.

Based on our site reconnaissance, the data from the borings drilled, and our evaluation, it is the opinion of the undersigned that the proposed structures may be supported on shallow foundations (isolated or continuous footings, or mat foundation). The following geotechnical recommendations should be incorporated to the design and construction of this project.

7.0 GEOTECHNICAL ENGINEERING RECOMMENDATIONS

This section covers detailed geotechnical recommendations for the design of the foundations of the proposed structures. The use of the subsoil information and recommendations detailed herein for other structures or areas of the project may lead to serious design errors and should not be attempted. The following subsections detail specific recommendations for the proposed structures.

7.1 Site Improvement/Earthwork

As indicated earlier, the grading plan provided indicates cuts of up to 5 meters and fills of up to 4 meters to attain final grade. Earthwork operations conducted at site should follow the general guidelines provided below.

7.1.a. Clearing, Grubbing, Stripping and Excavations

The site should be cleared and stripped of all surface and near-surface deleterious materials, including buried utility lines or structures, debris, vegetation and associated roots. We estimate the general stripping depth in the order of about 1 foot. However, mounds of boulders and construction debris were observed in general throughout the site, and Borings B-11, B-12 and B-13 disclosed what appears to be miscellaneous waste and construction debris ("escombros") as deep as 10 to 15 feet below ground surface. To assess the vertical and horizontal extent of the deposited debris,

exploratory (test) pits are required. **These areas should require greater stripping depths. Nevertheless, the actual stripping depth should be determined directly at the field during earthwork operations, depending on the condition observed**. The excavated material should be removed from the site.

Excavations at site should be performed in accordance with 29 CFR Part 1926, **"Occupational Safety and Health Standards - Excavations; Final Rule,"** published by the U.S. Dept. of Labor, Occupational Safety and Health Administration.

The contractor shall be responsible for all temporary excavations at a site. This includes the design of any required temporary slopes, shoring and bracing, as necessary.

Positive surface gradients should be provided to divert surface runoff away from excavations for foundations and construction areas. Ponding of water should be avoided to reduce damage of properly graded areas.

7.1.b. Proof Rolling

Following stripping or excavation, the exposed surfaces should be proof-rolled, to detect soft spots. Proof-rolling consists of rolling the area with a smooth static roller, observing the reaction (firmness or softness) of the exposed soil surface. In general, the area should be rolled with 5 to 8 passes, to the satisfaction of the Geotechnical Engineer, or his representative, retained by the owner.

7.1.c. Fill Materials

The natural in situ material is considered adequate to be used as fill at site provided it is free of deleterious materials, **as approved by the Geotechnical Engineer**.

Borrow materials for fill should consist of essentially granular material (GW, GP, GM, GC, SW, SP, or SM Unified Classification); or A-2-6, or better, AASHTO Classification, as approved by the Geotechnical Engineer. These should be free from vegetable matter and should not contain rocks greater than 6 inches in size.

7.1.d. Compaction

Any fill and/or backfill required to attain finished grade should be placed in layers ranging from 8 to 10 inches (loose measure) in thickness and compacted to at least 95% of the Modified Proctor maximum dry density (ASTM D-1557). As the placement of each layer progresses, continuous leveling and compaction should be performed to assure uniform density and satisfactory surface drainage.

The fill and/or backfill should be compacted at the appropriate moisture content for the soils being used. Water should be added or removed, as necessary, to attain the required density. Generally, the placement moisture content should be within - 3% to +5% of optimum (W_{opt}).

Compaction equipment selected by the contractor should be able to compact the fill to the specified minimum compaction at the proper moisture content without affecting adjacent structures.

When fill is to be placed over sloped surfaces steeper than 5:1 (H:V), the latter should be cut into steps or benches as fill progresses. The benches should be slightly sloped into the slope or horizontal, but in no event in the same gradient of the slope. Whenever the existing grade allows, the benches should be at least as wide as the bulldozer's shovel. This will provide a bond between the in situ soil and the fill placed, maintaining verticality of reactions between fill and natural ground.

Field density tests should be performed by the Geotechnical Engineer, or his representative, to measure the density of each layer of fill. If the density tests indicate that the attained density is less than that required, additional compactive effort should be applied by the contractor until the specified density is obtained. Sufficient density tests should be made to support the Geotechnical Engineer's approval of each fill layer.

7.1.e. Slopes

Slopes on fill should be designed with a ratio of 2:1 (H:V). Slopes on cut should not be steeper than 1.5:1 (H:V).

One of the typical problems with slopes in Puerto Rico is localized slides and erosion due to runoff mismanagement. Runoff can cause the formation of erosion channels, as observed during our site reconnaissance, and the transportation and deposition of relatively large amounts of material (sediment). It can also cause the soils on a slope to saturate and slide. **Water, other than rain falling directly on slope areas, should not be permitted to flow on slopes. Hence, the grading of the project along the slope with Los Cipreses Cemetery should be such, that runoff drains into the property (collected in the storm sewer system of the project) and not over the existing slope.**

Underground storm sewer pipes should not be placed at the crest of slopes, nor should they discharge to areas adjacent to slopes.

Paved swales should be provided at the crest, benches, and base of slopes to divert runoff from slopes. The swales should discharge to the storm sewer system of the

project. Unpaved swales/drainage ditches will increase the likelihood of erosion damage and slides. **The swales should be capable of handling the collected runoff without overspill.**

The protection of slopes by planting grass, or other erosion protection material, should be performed immediately upon their completion. Furthermore, based on our site reconnaissance and geotechnical evaluation, it is recommended that the existing vegetative cover on the slopes at the site not be removed, particularly the slope adjacent to Los Cipreses Cemetery, where construction is contemplated.

It is recommended to provide an 18-inch compacted clay cover below the exposed ground surfaces extending at least 25 feet away from the crest of the natural weathered rock slopes at the site to prevent water from saturating the slopes.

7.1.f. General

All earthwork activities, starting with clearing and grubbing, should be observed by a Geotechnical Engineer or firm. This observation should be continuous throughout earthwork operations, including, but not limited to identification and removal of unsuitable materials, laboratory testing and approval of proposed fill materials, and in situ testing of compacted materials for quality control.

The above are general guidelines for earthwork activities. The actual project specifications should incorporate all requirements contained within this text. Variations in soil conditions are possible and may be encountered during construction. To correlate the soil data recovered in this exploration program and actual subsurface conditions encountered during construction, and to observe conformance with the project specifications, it is essential that a Geotechnical Engineer or firm be retained during the earthwork phases of the project.

7.2 Foundations

The proposed apartment buildings may be supported on shallow foundations (individual or continuous footings or mat foundation) cast over the properly prepared subgrade or compacted fill, as recommended in **Section 7.1 Site Improvement/Earthwork**. An allowable soil bearing pressure (q_a) of 2,500 psf is recommended for the design of the foundations. Depth of foundation (D_f) should be at least **5 feet below final grade**.

The footings of the structures adjacent to slopes should be cast at a depth such, that a minimum distance of ⅓ the height of the slope is allowed between the exterior face of the footing and the face of the slope, but in no event shallower than the recommended minimum depth of foundation D_f. For details, please refer to **Figure 3**.

Based on our analyses, the calculated total settlements should be in the order of 1½" to 1¾" of the proposed structures on the silty material, resulting in estimated differential settlements in the order of about ½" between the front and back of the proposed buildings. Due to the lack of a phreatic surface, these settlements should be expected to occur on a short-term basis (during construction). **It is further recommended to monitor the settlements of the proposed structures during the construction phase of the project.**

For the dynamic evaluation of the soil-structure interaction, the designers may consider a soil profile type S_D per UBC 97.

7.3 Floor Slabs / Pavements

Slabs-on-grade and rigid (concrete) pavements may be designed as beam-on-elastic-foundation using a modulus of subgrade reaction (k_s) of 200 kcf, over compacted fill or the prepared subgrade as recommended earlier.

Flexible pavements should be designed using a California Bearing Ratio (CBR) value of 7, placed over the properly prepared subgrade or compacted fill as recommended earlier. This would correspond to a Resilient Modulus (M_R) of 10,000 psi. These values are based on our experience with similar types of soil. It is recommended that CBR or M_R tests are performed on the base course materials to confirm the above recommended values.

8.0 LIMITATIONS OF THIS REPORT

This report is based on all design concepts, parameters and constraints, which have been made known to this firm. The final design may require revision of these recommendations, to confirm their applicability to the new design. These changes include, but are not limited to:

- change in project scope or type;
- change in grading, including cut or fill thickness or final grade elevations, slope requirements; and
- changes in type or location of structures.

The undersigned warrants that his professional services are in accordance with generally accepted principles and professionals practice in the Geotechnical Engineering. This is the only warranty, either express or implied. The conclusions and recommendations presented in this report are the result of the best evaluation made by this firm of the stratigraphic properties of soils and rock, as obtained from the **14 borings** drilled, and the corresponding laboratory and field tests performed in accordance with geotechnical engineering standards. Interpretation and judgment based on these data may differ from actual conditions, since variations in the nature and behavior of subsurface materials may occur within short distances.

Should any local condition found during construction differ from those presented in this report, this firm should be immediately notified, since alternate measures may be necessary. Therefore, it is recommended that all excavations and foundations be observed by a geotechnical firm or engineer before placing any compacted fill or steel reinforcement. **Moreover, to confirm that these conclusions and recommendations apply, this firm should be allowed to review the plans as they are developed.**

Geoprofessional services are a two-phase process. In the first phase, the geoprofessional advises the CLIENT about project-specific risks and a subsurface exploration plan that responds to the CLIENT's risk tolerance levels, budget, schedule, and other vital concerns. The above results in the performance of a subsoil exploration of the site, evaluation of the encountered conditions and the subsurface profile and recommendations for design of the project. **Even if they are not labeled as such, these recommendations are preliminary** because of the uncertainty associated with the subsurface profile prepared, based on a statistically limited number of soil samples obtained on the subsoil exploration program.

Field Observation comprises the second phase of a complete geoprofessional service; permitting those who developed the geotechnical engineering report to observe excavation and thereby assess the reliability of their subsurface profile and appropriateness of their preliminary recommendations. Actual conditions may differ from those expected, and that situation can create serious problems unless a qualified individual is available to decide what to do about them, where and when they are found. Decisions such as these are "judgment calls", and the quality of judgment can have an impact on the project. Conscious of the above, it is recommended that in the event the Field Observation Phase of the work is granted to another geoprofessional firm, they should review this report. If said firm agrees with it, it will adopt it as its own, or conduct additional work as deemed necessary thus fully relieving GMTS of responsibility for the project.

This document has been prepared specifically for **Urbanus Development, Corp.**, for the construction of the **Proposed Caridad del Cobre Development**, in Cerro Gordo Ward, Bayamón, Puerto Rico. **This document should not be used by any other entity, or for any other project, even at this site, without the express written consent of GMTS Corp.**

Respectfully submitted,

Héctor Lavergne-Ramírez, PE
Geotechnical Engineer

HLR\mlt

HECTOR LAVERGNE-RAMIREZ
INGENIERO CIVIL LICENCIADO
LIC. 8237
PUERTO RICO

APPENDIX NO. 1

FIGURES

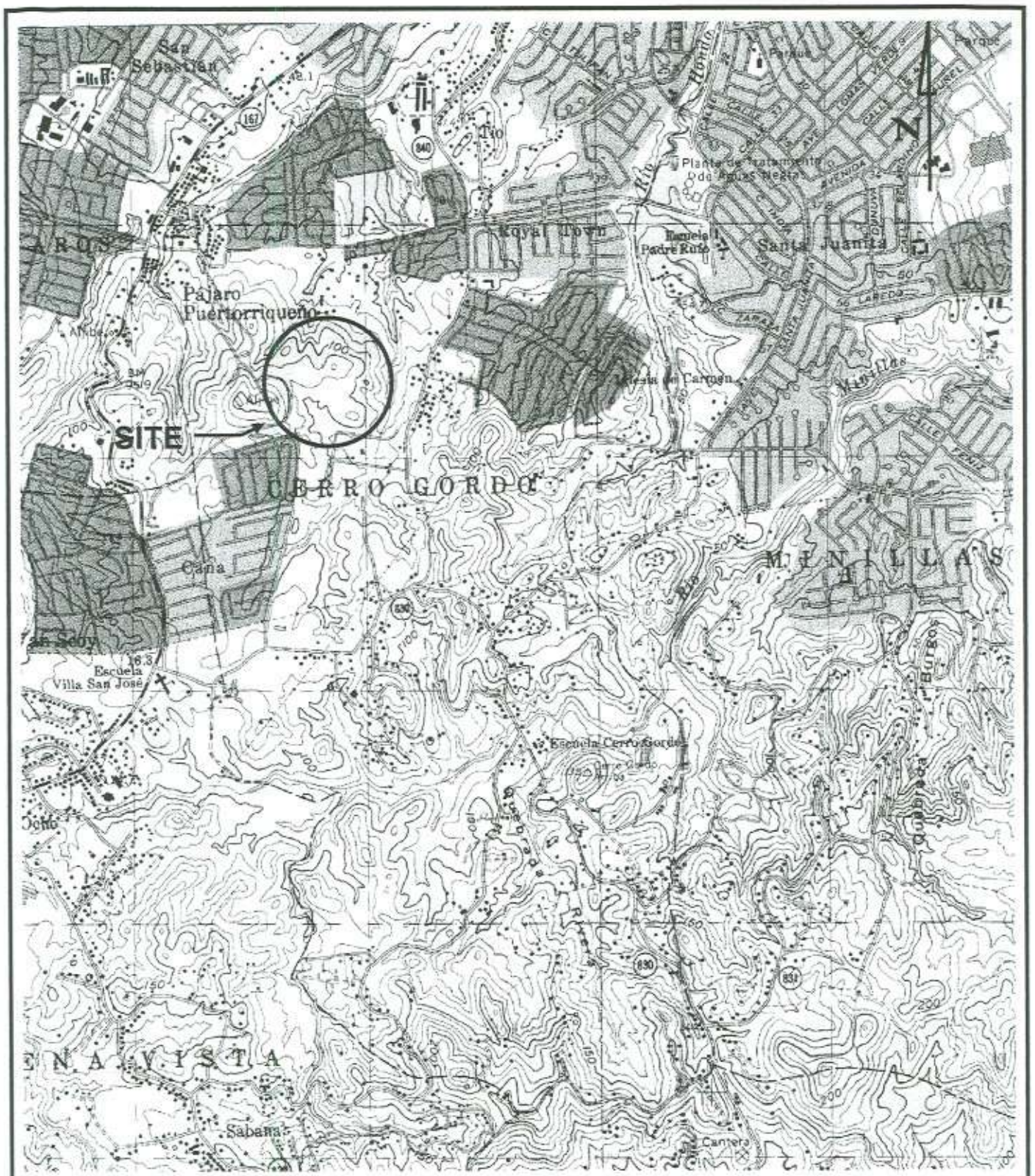
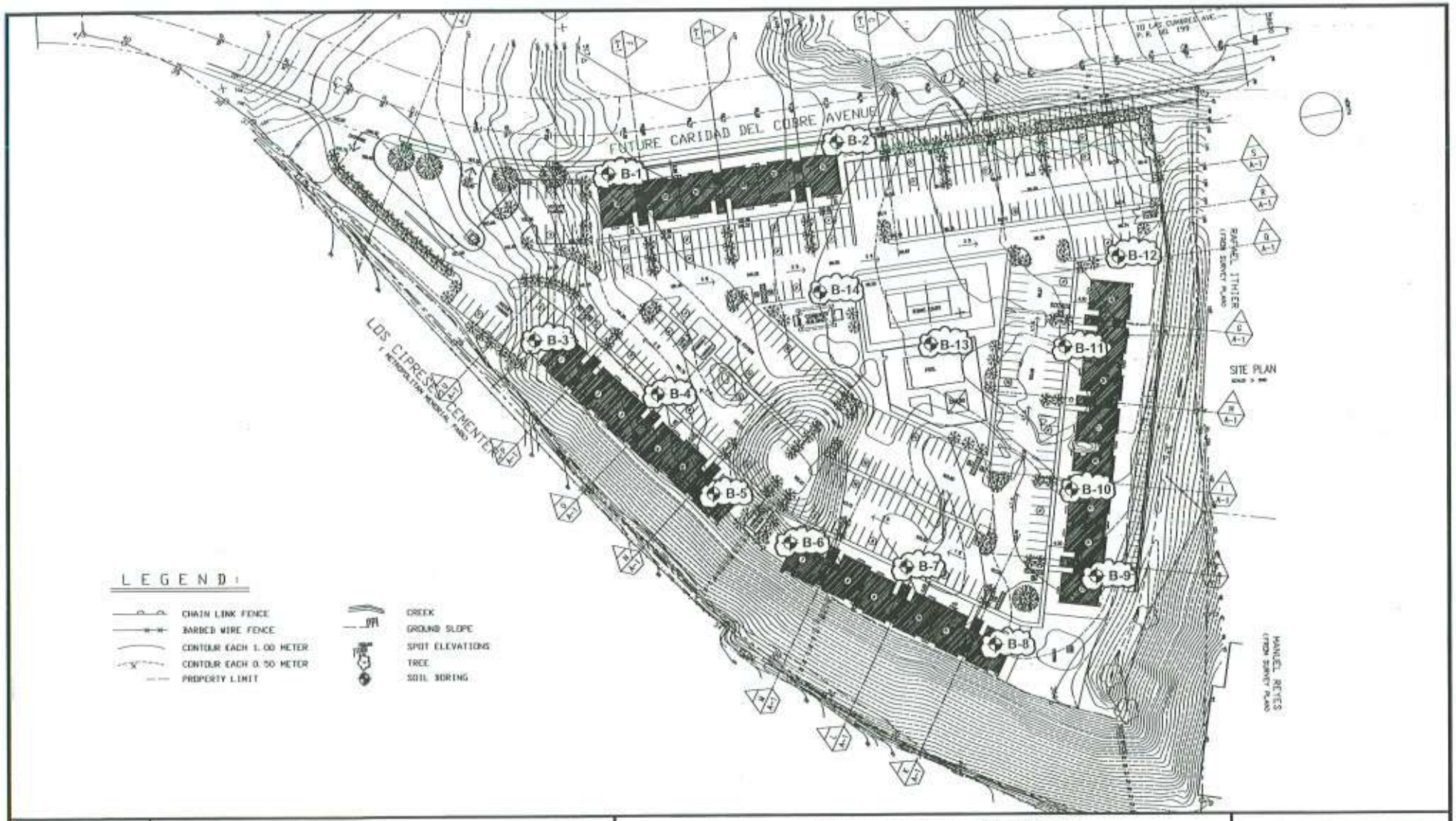


FIGURE 1 – SITE LOCATION MAP
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORDO WARD
BAYAMON, PUERTO RICO

GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES

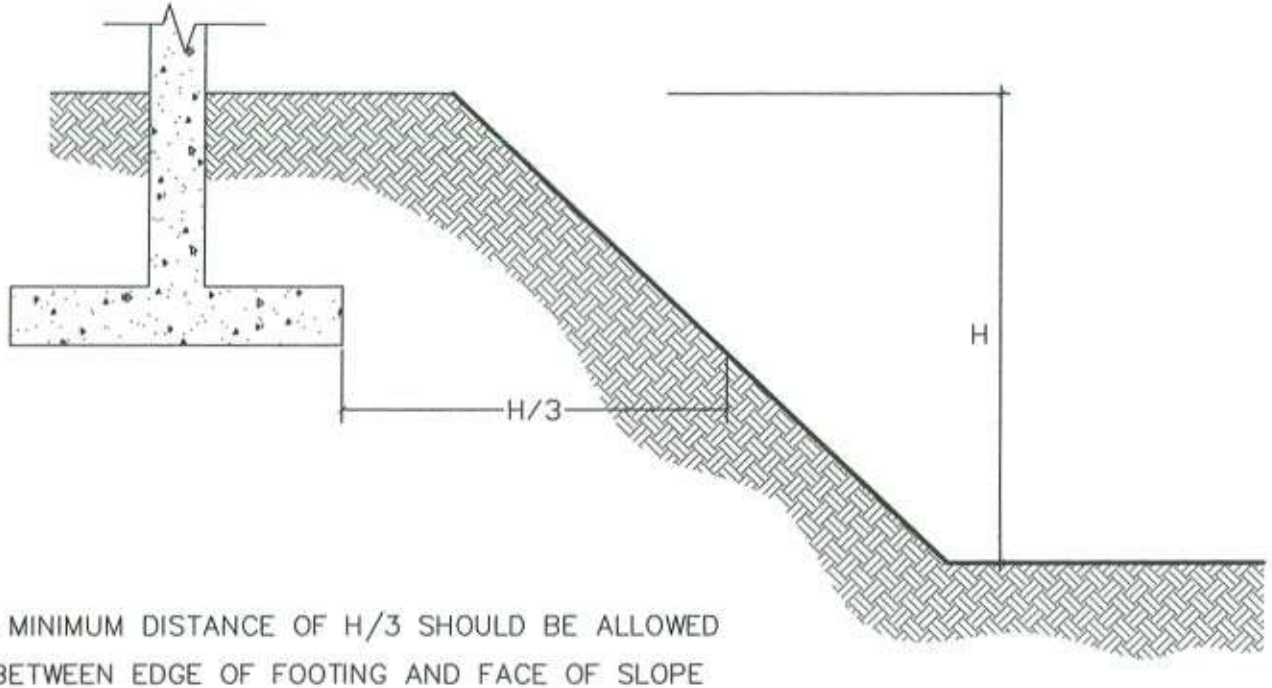
Scale: NTS	Dwg. By: NLD	Rev. by: NLD	Project: G060778



SCALE: NTS
REV.: HLR
FILE:
DRAWN BY: NLD
JOB: G060778

FIGURE 2 - BORING LOCATION PLAN
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORD WARD
BAYAMON, PUERTO RICO

GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES



A MINIMUM DISTANCE OF H/3 SHOULD BE ALLOWED
BETWEEN EDGE OF FOOTING AND FACE OF SLOPE

SCALE: NTS	
REV.: NLD	
FILE:	
DRAWN BY: NLD	
JOB: G060778	

FIGURE 3 - DETAIL OF FOOTING ADJACENT TO SLOPE
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORDO WARD
BAYAMON, PUERTO RICO

GMTS
GEOTECHNICAL & MATERIALS
TESTING SERVICES

APPENDIX NO. 2

BORING LOGS

GMTS

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-1

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

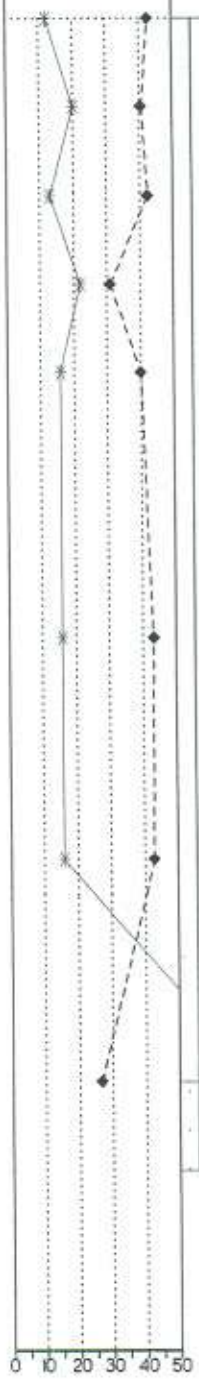
CLIENT : URBANUS DEVELOPMENT CORP.

TOTAL DEPTH : 26 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT • GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-1-1	4-5-7-8			SILT, TRACE FINE SAND, STIFF, RED AND BROWNISH YELLOW MOTTLED.	12		2.75	42.7
	B-1-2	10-10-10-12			SAME AS ABOVE; VERY STIFF, RED, BROWNISH YELLOW, WHITE AND DARK BROWN MOTTLED.	20		2.75	40.6
	B-1-3	3-5-8-8			SAME AS ABOVE; STIFF, RED, BROWNISH YELLOW AND DARK BROWN JOINTS.	13		2.5	42.4
5	B-1-4	7-9-13-15			SILT, TRACE FINE SAND, VERY STIFF, REDDISH YELLOW AND BROWNISH YELLOW, OCC. DARK BROWN JOINTS.	22		2.75	31.1
	B-1-5	6-8-8-10			SAME AS ABOVE; VERY STIFF, BROWNISH YELLOW AND DARK BROWN JOINTS.	16			40.1
10									
	B-1-6	5-8-8-10			SILT, TRACE FINE SAND, VERY STIFF, YELLOWISH BROWN AND DARK BROWN JOINTS, OCC. WHITE SPOTS.	16		1.75	43.3
15									
	B-1-7	7-7-9-12			SAME AS ABOVE.	16	1.6		42.9
20									
	B-1-8	12-24-50/2"			INDURATED SANDY SILT, HARD, LIGHT OLIVE BROWN, OCC. REDDISH BROWN MOTTLED.	74		3.0	26.8
25					END OF BORING AT 26.0'				
30									



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-2

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

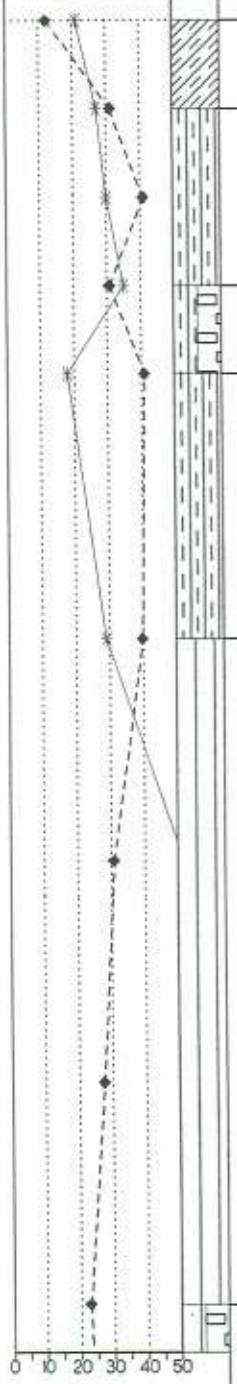
TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/13/2006
DATE ENDED : 07/13/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)	DESCRIPTION
0	B-2-1	11-7-14-16	21			12.3	SILTY CLAY, TRACE TO LITTLE FINE SAND, OCC. ROCK FRAGMENTS, VERY STIFF, STRONG BROWN.
	B-2-2	15-13-14-13	27		3.75	31.2	CLAYEY SILT, TRACE FINE SAND, OCC. PEBBLES, VERY STIFF, REDDISH YELLOW AND BROWNISH YELLOW, OCC. DARK BROWN JOINTS.
	B-2-3	12-15-15-16	30		2.25	41.1	SAME AS ABOVE.
5	B-2-4	18-17-18-17	35		4.0	30.8	CLAYEY SILT AND WEATHERED ROCK FRAGMENTS, HARD, STRONG BROWN AND BROWNISH YELLOW.
	B-2-5	7-8-10-14	18	2.0		41.1	CLAYEY SILT, TRACE FINE SAND, VERY STIFF, STRONG BROWN AND BROWNISH YELLOW, OCC. BLACK SEAMS.
10							
	B-2-6	10-13-16-15	29		2.5	39.9	SILT, TRACE FINE SAND, VERY STIFF, YELLOWISH BROWN AND STRONG BROWN, OCC. BLACK JOINTS.
15							
	B-2-7	20-23-29-37	52		3.5	30.8	INDURATED SILT, TRACE FINE SAND, HARD, STRONG BROWN AND BROWNISH YELLOW, OCC. BLACK JOINTS.
20							
	B-2-8	18-25-29-39	54		3.25	27.5	SAME AS ABOVE; HARD, YELLOWISH BROWN, STRONG BROWN AND BLACK JOINTS.
25							
	B-2-9	30-50/6"	50/6"		4.5	23.0	INDURATED SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH BROWN AND BLACK JOINTS.
30							

N VALUE * WATER CONTENT ---- ◆ ---- GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-2

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/13/2006
DATE ENDED : 07/13/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ----◆---- GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-2-10	50/2"			AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
35									
	B-2-11	50/6"	◆		INDURATED FINE SANDY SILT, HARD, STRONG BROWN.	50/6"			27.3
40					END OF BORING AT 41.0'				
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-3

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

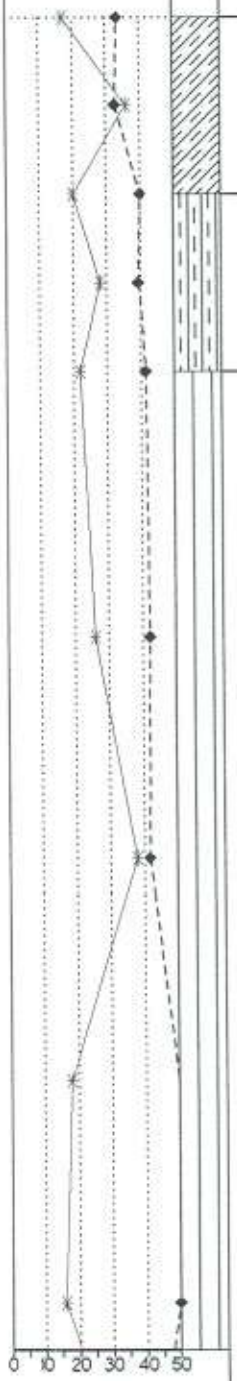
TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-3-1	5-7-10-16	SILTY CLAY, TRACE FINE SAND, VERY STIFF, RED, OCC. BROWNISH YELLOW MOTTLED.	17	6.3		33.5
	B-3-2	14-17-19-19	SILTY CLAY, TRACE FINE SAND, HARD, STRONG BROWN.	36		4.5	32.7
	B-3-3	6-9-11-12	CLAYEY SILT, TRACE FINE SAND, VERY STIFF, RED, OCC. BROWNISH YELLOW MOTTLED.	20		3.5	40.0
5	B-3-4	8-12-16-16	SAME AS ABOVE; YELLOWISH RED, BROWNISH YELLOW AND BLACK JOINTS.	28			39.4
	B-3-5	6-11-11-13	SILT, TRACE FINE SAND, VERY STIFF, DARK RED, BROWNISH YELLOW AND WHITE MOTTLED.	22		2.0	41.6
10							
	B-3-6	11-11-15-15	SAME AS ABOVE; DARK RED, OCC. BROWNISH YELLOW AND BLACK SEAMS.	26		2.25	42.2
15							
	B-3-7	14-19-19-19	SAME AS ABOVE; HARD, STRONG BROWN, BROWNISH YELLOW AND BLACK SEAMS.	38			41.8
20							
	B-3-8	7-8-10-12	SAME AS ABOVE; VERY STIFF.	18		2.0	50.1
25							
	B-3-9	7-8-8-8	SILT, TRACE FINE SAND, VERY STIFF, BROWNISH YELLOW, STRONG BROWN AND BLACK SPOTS.	16			50.0
30							

N VALUE — * — WATER CONTENT - - - ◆ - - - GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-3

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ◆ GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-3-10	14-15-23-23			SILT, TRACE FINE SAND, HARD, STRONG BROWN, BROWNISH YELLOW AND OLIVE GRAY MOTTLED.	38			39.4
35									
	B-3-11	10-16-21-23			SAME AS ABOVE; YELLOWISH BROWN, RED AND OLIVE GRAY MOTTLED.	37		4.5	34.4
40									
					END OF BORING AT 41.0'				
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-4

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

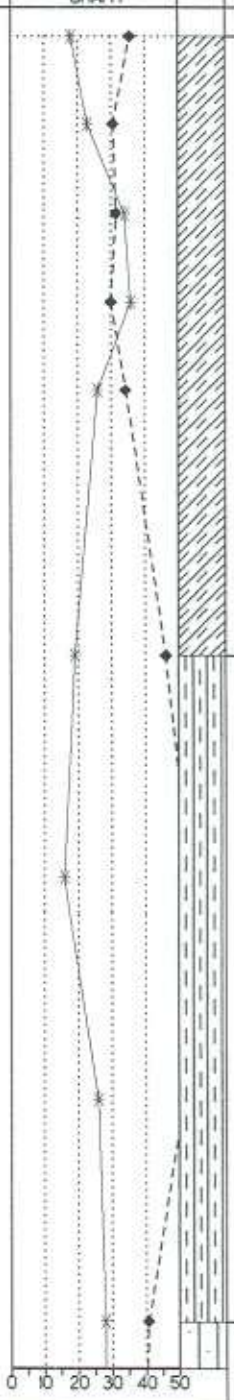
CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-4-1	6-9-9-11	SILTY CLAY, TRACE FINE SAND, VERY STIFF, RED.	18	5.6		35.5
	B-4-2	8-10-13-21	SILTY CLAY, TRACE FINE AND, OCC. PEBBLES, VERY STIFF, STRONG BROWN, OCC. BLACK SPOTS.	23	7.6		30.5
	B-4-3	7-10-24-24	SAME AS ABOVE; HARD.	34		4.5	31.5
5	B-4-4	10-16-20-24	SILTY CLAY, TRACE FINE SAND, OCC. PEBBLES, HARD, RED, OCC. BROWNISH YELLOW MOTTLED.	36		4.5	30.0
	B-4-5	9-12-14-19	SAME AS ABOVE; VERY STIFF, RED, OCC. BROWNISH YELLOW MOTTLED.	26		4.5	34.4
10							
	B-4-6	7-9-10-10	CLAYEY SILT, TRACE FINE SAND, VERY STIFF, RED, BROWNISH YELLOW AND AND DARK BROWN SPOTS.	19		2.25	46.2
15							
	B-4-7	6-8-8-10	SAME AS ABOVE.	16			53.4
20							
	B-4-8	8-12-14-14	SAME AS ABOVE; RED, BROWNISH YELLOW, DARK BROWN AND WHITE SPOTS.	26			51.5
25							
	B-4-9	10-13-15-16	FINE SANDY SILT, VERY STIFF, RED AND DARK BROWN JOINTS, OCC. BROWNISH YELLOW MOTTLED.	28		3.25	40.8
30							



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-4

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ◆ GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-4-10	8-12-16-19			FINE SANDY SILT, TRACE WEATHERED ROCK FRAGMENTS, VERY STIFF, STRONG BROWN AND BLACK JOINTS.	28			39.3
35									
	B-4-11	7-7-12-14			SILT, TRACE FINE SAND, VERY STIFF, RED AND DARK BROWN JOINTS, OCC. BROWNISH YELLOW MOTTLED.	19			46.5
40					END OF BORING AT 41.0'				
45									
50									
55									
60									

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-5

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

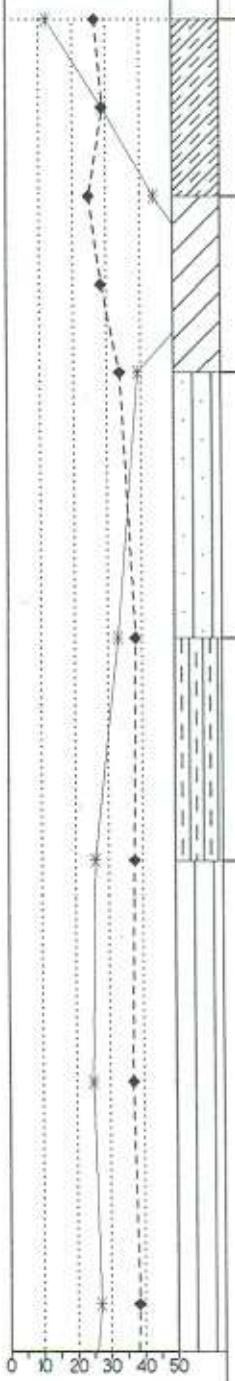
TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-5-1	4-6-6-6	SILTY CLAY, TRACE FINE SAND, OCC. THIN ROOTS AND PEBBLES, STIFF, YELLOWISH RED AND BROWNISH YELLOW.	12		4.5	26.7
	B-5-2	9-13-16-17	SILTY CLAY, FINE SAND, OCC. THIN ROOTS AND ROCK FRAGMENTS, VERY STIFF, RED, OCC. YELLOW AND BLACK SPOTS.	29		4.5	28.9
	B-5-3	11-16-28-33	CLAY, TRACE FINE SAND, HARD, RED.	44		4.5	24.8
5	B-5-4	19-25-38-40	SAME AS ABOVE.	63		4.5	28.5
	B-5-5	12-16-23-32	FINE SANDY SILT, OCC. SILTSTONE FRAGMENTS, HARD, YELLOWISH RED AND REDDISH YELLOW.	39			33.8
10							
	B-5-6	11-14-19-23	CLAYEY SILT, TRACE FINE SAND, HARD, YELLOWISH RED, BROWNISH YELLOW, OLIVE YELLOW AND WHITE SPOTS.	33		4.0	38.2
15							
	B-5-7	9-9-17-20	SILT, TRACE FINE SAND, VERY STIFF, YELLOWISH RED AND BROWNISH YELLOW, OCC. DARK BROWN JOINTS AND WHITE MOTTLED.	26			37.6
20							
	B-5-8	10-10-15-18	SAME AS ABOVE, YELLOWISH RED AND BROWNISH YELLOW, OCC. DARK BROWN JOINTS.	25			36.9
25							
	B-5-9	11-12-15-17	SILT, TRACE FINE SAND, VERY STIFF, YELLOWISH RED AND BROWNISH YELLOW, OCC. DARK BROWN SEAMS.	27		3.0	38.4
30							

N VALUE * — WATER CONTENT ◆ - - - GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-5

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 41 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : BK-51
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : LUIS D. VAZQUEZ
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * WATER CONTENT ◆ GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-5-10	10-10-12-14			SAME AS ABOVE; YELLOWISH RED AND BROWNISH YELLOW, OCC. DARK BROWN JOINTS AND WHITE SEAMS.	22			37.0
35									
	B-5-11	10-12-16-16				28			15.7
40					FINE SANDY SILT AND WEATHERED ROCK FRAGMENTS, VERY STIFF, STRONG BROWN, BROWNISH YELLOW, OLIVE AND DARK BROWN MOTTLED.				
					END OF BORING AT 41.0'				
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-6

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

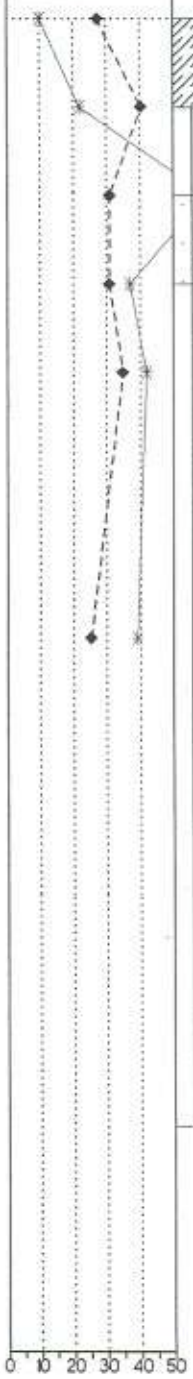
TOTAL DEPTH : 25 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-6-1	3-4-6-5	SILTY CLAY, TRACE FINE SAND, OCC. ROCK FRAGMENTS, STIFF, YELLOWISH RED AND BROWNISH YELLOW MOTTLED.	10		3.0	27.4
	B-6-2	5-10-12-10	SILT, TRACE FINE SAND, VERY STIFF, YELLOWISH RED AND BROWNISH YELLOW MOTTLED.	22		3.25	40.4
	B-6-3	15-28-32-36	INDURATED SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH RED AND BROWNISH YELLOW.	60		4.5	31.0
5	B-6-4	13-15-22-22	SILT, TRACE TO LITTLE FINE SAND, OCC. SILTSTONE FRAGMENTS, HARD, STRONG BROWN AND BROWNISH YELLOW, OCC. BLACK JOINTS.	37			30.8
	B-6-5	12-18-24-23	SAME AS ABOVE.	42			34.9
10							
	B-6-6	10-12-27-36	SILT, TRACE TO LITTLE FINE SAND AND ROCK FRAGMENTS, HARD, STRONG BROWN, OLIVE YELLOW AND WHITE SPOTS.	39		4.5	25.3
15							
	B-6-7	50/1"	NO RECOVERY	50/1"			NR
20							
	B-6-8	50/1"	NO RECOVERY	50/1"			NR
25			END OF BORING AT 25.0'				
30							

N VALUE — * — WATER CONTENT - - - ◆ - - - GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-7

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

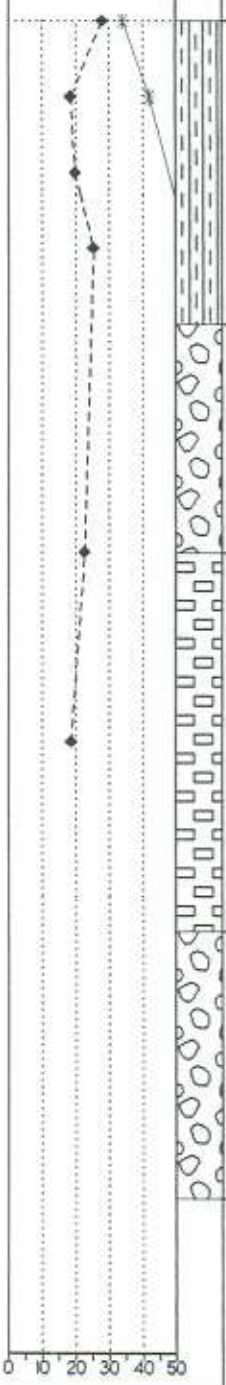
TOTAL DEPTH : 31 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/19/2006
DATE ENDED : 07/19/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-7-1	5-11-23-24	CLAYEY SILT, TRACE TO LITTLE FINE SAND, OCC. THIN ROOTS, HARD, YELLOWISH BROWN AND DARK BROWN JOINTS.	34		4.5	27.8
	B-7-2	15-20-22-25	CLAYEY SILT, TRACE FINE SAND, HARD, YELLOWISH BROWN AND DARK BROWN JOINTS.	42			18.4
	B-7-3	24-50/6"	INDURATED CLAYEY SILT, TRACE TO LITTLE FINE SAND, HARD, YELLOWISH BROWN, OCC. DARK BROWN MOTTLED.	50/6"			19.8
5	B-7-4	30-50/5"	SAME AS ABOVE.	50/5"		4.5	25.3
	B-7-5	50/2"	AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
10							
	B-7-6	22-40-38-42	WEATHERED ROCK SAMPLED AS: INDURATED SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, BROWNISH YELLOW AND DARK BROWN JOINTS, OCC. WHITE SPOTS.	78			22.7
15							
	B-7-7	20-39-50/6"	SAME AS ABOVE.	89			18.6
20							
	B-7-8	50/2"	AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
25							
	B-7-9	50/2"	AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
30			END OF BORING AT 31.0'				
35							

N VALUE — * — WATER CONTENT - - - ◆ - - - GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-8

PROJECT : CARIDAD DEL COBRE

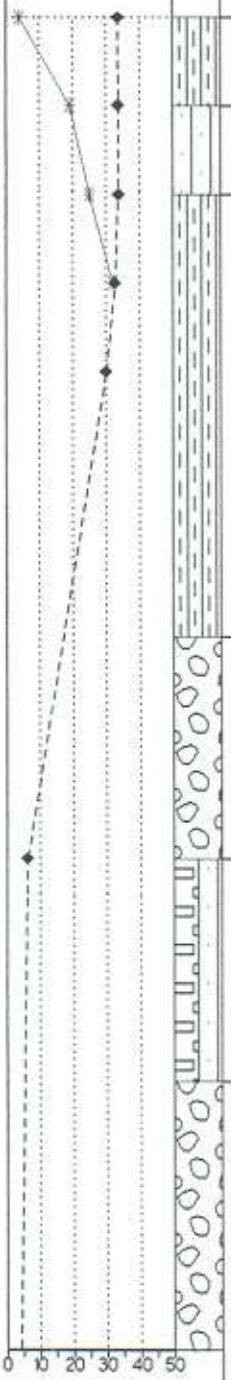
LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006



DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-8-1	2-2-2-2	CLAYEY SILT, TRACE FINE SAND, OCC. ROCK FRAGMENTS, SOFT, YELLOWISH RED AND BROWNISH YELLOW.	4		1.5	33.6
	B-8-2	3-10-9-9	FINE SANDY SILT, TRACE CLAY AND WEATHERED ROCK FRAGMENTS, VERY STIFF, BROWNISH YELLOW, OCC. WHITE AND BLACK SPOTS.	19		4.5	33.7
	B-8-3	16-11-14-13	CLAYEY SILT, LITTLE FINE SAND AND WEATHERED ROCK FRAGMENTS, VERY STIFF, REDDISH YELLOW AND BROWNISH YELLOW, OCC. BLACK SEAMS.	25		3.25	33.8
5	B-8-4	15-13-19-17	CLAYEY SILT, TRACE FINE SAND, HARD, STRONG BROWN, OCC. BLACK SPOTS.	32	2.2		32.7
	B-8-5	23-50/1"	SAME AS ABOVE.	50/1"			30.1
10							
	B-8-6	50/1"	AUGER SAMPLE: ROCK FRAGMENTS.	50/1"			NR
15							
	B-8-7	50/3"	WEATHERED ROCK FRAGMENTS AND SANDY SILT, HARD, STRONG BROWN.	50/3"			6.3
20							
	B-8-8	50/3"	AUGER SAMPLE: ROCK FRAGMENTS.	50/3"			NR
25							
	B-8-9	31-50/1"	AUGER SAMPLE: ROCK FRAGMENTS.	50/1"			NR
30							

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-8

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/17/2006
DATE ENDED : 07/17/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * WATER CONTENT ◆ GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-8-10	50/5"			WEATHERED ROCK FRAGMENTS AND SANDY SILT, HARD, OLIVE BROWN.	50/5"			3.4
35					END OF BORING AT 36.0'				
40									
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-9

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

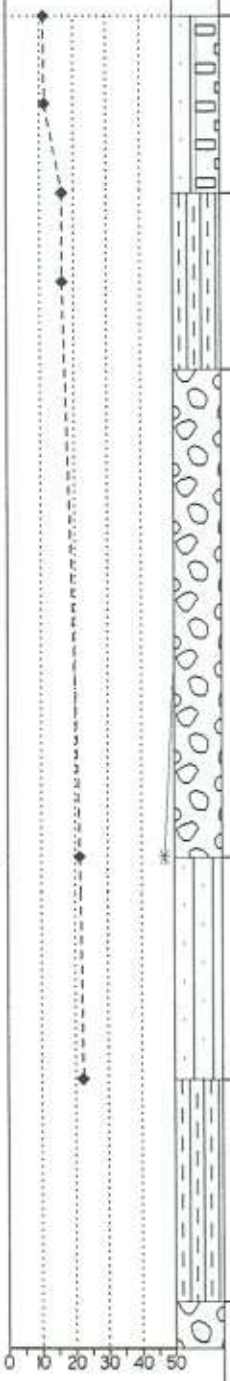
TOTAL DEPTH : 38 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-9-1	14-25-34-37	INDURATED SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, BROWNISH YELLOW.	59			11.2
	B-9-2	12-24-34-40	SAME AS ABOVE.	58			11.6
	B-9-3	29-39-50/3"	INDURATED CLAYEY SILT, LITTLE FINE SAND, HARD, YELLOWISH BROWN, OCC. DARK BROWN JOINTS.	89/9"			18.7
5	B-9-4	35-50/6"	SAME AS ABOVE.	50/6"		4.5	16.7
	B-9-5	50/3"	AUGER SAMPLE: ROCK FRAGMENTS.	50/3"			NR
10							
	B-9-6	50/2"	AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
15							
	B-9-7	18-21-26-50/6"	INDURATED SANDY SILT, TRACE CLAY, HARD, BROWNISH YELLOW, OCC. DARK BROWN JOINTS.	47		3.75	21.6
20							
	B-9-8	16-24-50/5"	INDURATED CLAYEY SILT, TRACE TO LITTLE FINE SAND, HARD, BROWNISH YELLOW AND OLIVE YELLOW.	74/11"		4.0	22.5
25							
	B-9-9	50/2"	AUGER SAMPLE: ROCK FRAGMENTS	50/2"			NR
30							

N VALUE * WATER CONTENT ◆ GRAPH



GRAPHIC LOG

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-9

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ---◆--- GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-9-10	50/1"			AUGER SAMPLE: ROCK FRAGMENTS	50/1"			NR
35					END OF BORING AT 36.0'				
40									
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-10

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

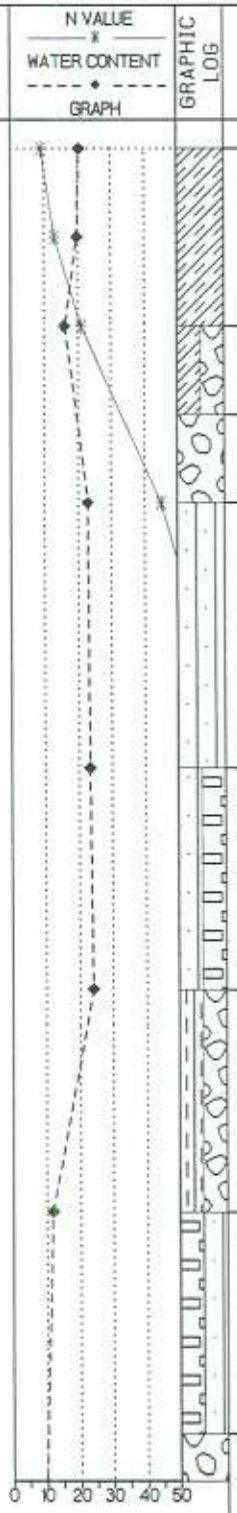
CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 35 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-10-1	4-4-5-6	SILTY CLAY, TRACE FINE SAND AND ROCK FRAGMENTS, STIFF, STRONG BROWN AND ROCK FRAGMENTS, STIFF, STRONG BROWN AND BROWNISH YELLOW. (FILL)	9			20.5
	B-10-2	5-6-7-6	SAME AS ABOVE.	13		4.5	19.8
	B-10-3	9-11-10-10	SILTY CLAY AND ROCK FRAGMENTS, TRACE FINE SAND, VERY STIFF, YELLOWISH BROWN. (FILL)	21			18.1
5	B-10-4	50/2"	AUGER SAMPLE: ROCK FRAGMENTS.	50/2"			NR
	B-10-5	9-15-30-34	INDURATED SANDY SILT, TRACE CLAY, HARD, DARK YELLOWISH BROWN AND DARK BROWN JOINTS.	45			22.8
10							
	B-10-6	15-31-37-34	INDURATED SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH BROWN, OCC. WHITE AND DARK BROWN JOINTS.	68			23.3
15							
	B-10-7	22-50/2"	INDURATED CLAYEY SILT AND ROCK FRAGMENTS, HARD, YELLOWISH BROWN.	50/2"			24.1
20							
	B-10-8	50/6"	WEATHERED ROCK FRAGMENTS AND SANDY SILT, HARD, DARK YELLOWISH BROWN.	50/6"			11.9
25							
	B-10-9	50/2"	AUGER SAMPLE: ROCK FRAGMENTS	50/2"			NR
30							



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-10

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 35 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/18/2006
DATE ENDED : 07/18/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ◆ GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-10-10	50/5"			WEATHERED ROCK FRAGMENTS AND SANDY SILT, HARD, DARK YELLOWISH BROWN.	50/5"			8.4
35					END OF BORING AT 35.0'				
40									
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-11

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

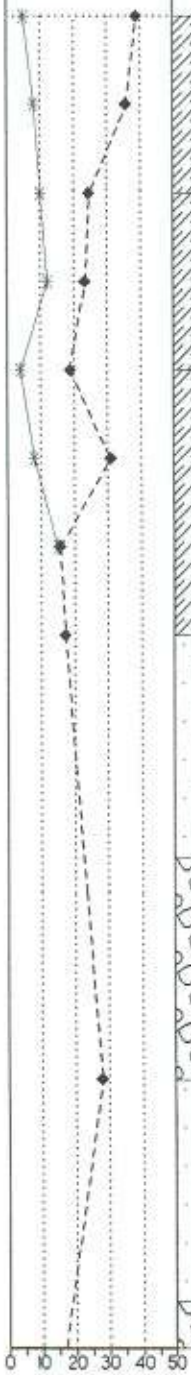
CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/14/2006
DATE ENDED : 07/14/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-11-1	1-2-3-3	SILTY CLAY, TRACE FINE SAND, OCC. PEBBLES, MEDIUM, DARK RED, OCC. PALE YELLOW MOTTLED. (FILL)	5		1.25	38.9
	B-11-2	4-4-4-4	SAME AS ABOVE; STIFF, YELLOWISH RED AND PALE YELLOW MOTTLED. (FILL)	8	1.2		35.8
	B-11-3	3-5-5-5	SILTY CLAY AND ROCK FRAGMENTS, LITTLE FINE SAND, STIFF, REDDISH BROWN, OCC. BLACK, GRAY AND YELLOW SPOTS. (FILL)	10		3.5	24.6
5	B-11-4	5-6-6-7	SAME AS ABOVE	12		2.75	23.5
	B-11-5	3-2-2-3	SILTY CLAY, LITTLE FINE SAND, OCC. CONCRETE WASTE, PIECES OF WOOD AND ROCK FRAGMENTS, SOFT, STRONG BROWN. (FILL)	4			18.8
10	B-11-6	7-4-4-4	SILTY CLAY, TRACE FINE SAND, OCC. ROCK FRAGMENTS, STIFF, STRONG BROWN.	8			31.0
	B-11-7	5-5-10-24	SILTY CLAY, TRACE TO LITTLE FINE SAND, OCC. ROCK FRAGMENTS, STIFF, DARK YELLOWISH BROWN, OCC. PALE YELLOW AND DARK BROWN MOTTLED.	15		4.5	15.6
	B-11-8	28-50/4"	INDURATED SANDY SILT, HARD, DARK YELLOWISH BROWN.	50/4"		4.5	17.2
15							
	B-11-9	50/2"	AUGER SAMPLE: ROCK FRAGMENTS	50/2"			NR
20							
	B-11-10	29-33-50/2"	INDURATED SANDY SILT, OCC. WEATHERED ROCK FRAGMENTS, HARD, DARK YELLOWISH BROWN AND WHITE SPOTS.	83/8"			28.0
25							
	B-11-11	50/1"	AUGER SAMPLE: ROCK FRAGMENTS	50/1"			NR
30							



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-11

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 38 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/14/2006
DATE ENDED : 07/14/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * WATER CONTENT ---- ◆ ---- GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-11-12	50/3"			INDURATED SILTY CLAY AND WEATHERED ROCK FRAGMENTS, HARD, BROWN.	50/3"			9.4
35					END OF BORING AT 36.0'				
40									
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-12

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

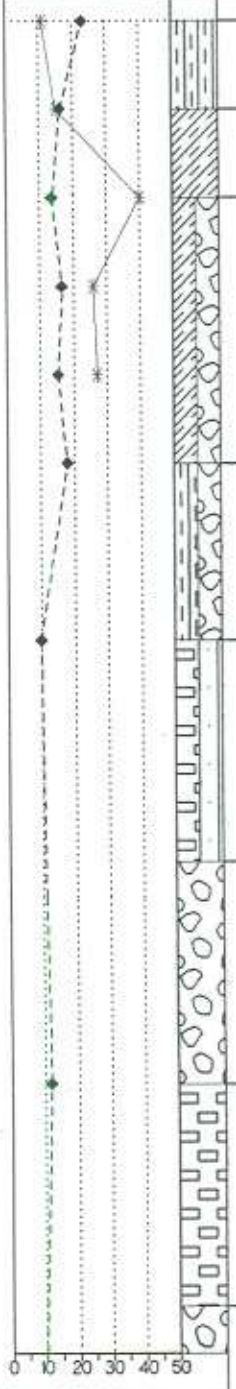
CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/19/2006
DATE ENDED : 07/19/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-12-1	3-5-6-5	CLAYEY SILT, LITTLE FINE SAND, OCC. ROCK FRAGMENTS, STIFF, DARK YELLOWISH BROWN. (FILL)	11			22.9
	B-12-2	6-7-8-10	SILTY CLAY, TRACE TO LITTLE FINE SAND, OCC. PEBBLES, STIFF, STRONG BROWN. (FILL)	15			16.3
	B-12-3	13-19-21-16	SILTY CLAY AND ROCK FRAGMENTS, TRACE TO LITTLE FINE SAND, HARD, STRONG BROWN. (FILL)	40			13.7
5	B-12-4	12-10-16-14	SAME AS ABOVE; VERY STIFF, DARK BROWN.	26		4.5	16.5
	B-12-5	10-12-15-16	SAME AS ABOVE; DARK YELLOWISH BROWN.	27		4.5	15.3
10	B-12-6	12-20-50/5"	INDURATED CLAYEY SILT AND ROCK FRAGMENTS, LITTLE FINE SAND, HARD, DARK YELLOWISH BROWN, OCC. WHITE SPOTS. (FILL)	70/11"			17.8
	B-12-7	50/6"	WEATHERED ROCK AND SANDY SILT, HARD, LIGHT OLIVE BROWN.	50/6"			9.8
15							
	B-12-8	50/3"	AUGER SAMPLE: ROCK FRAGMENTS	50/3"			NR
20							
	B-12-9	50/5"	WEATHERED ROCK SAMPLED AS: FINE SANDY SILT AND WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH BROWN.	50/5"			11.8
25							
	B-12-10	50/2"	AUGER SAMPLE: ROCK FRAGMENTS	50/2"			NR
30							



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-12

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 36 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/19/2006
DATE ENDED : 07/19/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * WATER CONTENT ---- ◆ ---- GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
30									
	B-12-11	50/4"	◆		WEATHERED ROCK SAMPLED AS: FINE SANDY SILT, HARD, DARK YELLOWISH BROWN	50/4"			9.2
35					END OF BORING AT 36.0'				
40									
45									
50									
55									
60			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-13

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 26 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/12/2006
DATE ENDED : 07/12/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	N VALUE * / WATER CONTENT ♦ / GRAPH	GRAPHIC LOG	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-13-1	9-27-20-19			CLAYEY SILT AND ROCK FRAGMENTS, LITTLE FINE SAND, HARD, DARK YELLOWISH BROWN AND STRONG BROWN. (FILL)	47		4.5	15.4
	B-13-2	50/1"			AUGER SAMPLE: ROCK FRAGMENTS	50/1"			NR
	B-13-3	16-18-27-41			FINE SANDY SILT AND ROCK FRAGMENTS, HARD, REDDISH YELLOW. (FILL)	45			13.6
5	B-13-4	20-27-32-39			SAME AS ABOVE.	59		4.5	12.6
	B-13-5	50/1"			AUGER SAMPLE: ROCK FRAGMENTS	50/1"			NR
10									
	B-13-6	38-29-28-32			INDURATED CLAYEY SILT, LITTLE FINE SAND AND WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH BROWN.	57			16.9
15									
	B-13-7	50/2"			AUGER SAMPLE: ROCK FRAGMENTS	50/2"			NR
20									
	B-13-8	29-31-36-40			INDURATED CLAYEY SILT, LITTLE FINE SAND, OCC. WEATHERED ROCK FRAGMENTS, HARD, YELLOWISH BROWN AND BROWN.	67		4.5	31.4
25					END OF BORING AT 26.0'				
30			0 10 20 30 40 50						

NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB NO. : G060778 **HOLE NO. :** B-14

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

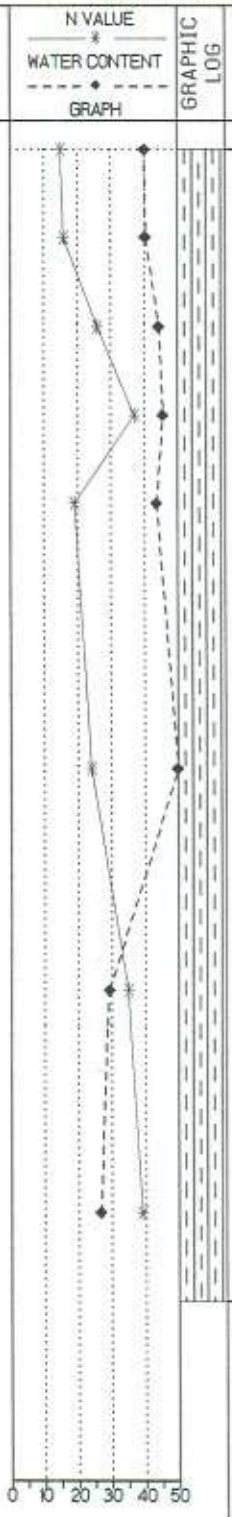
CLIENT : URBANUS DEVELOPMENT, CORP.

TOTAL DEPTH : 26 ft.
SURFACE ELEV. : N/A
WATER LEVEL : NOT DETECTED ft.
ELAPSED TIME : N/A

DRILL RIG : CME-45
DRILL METHOD : 2.25 HOLLOW STEM AUGER
SAMPLER : 1-3/8" ID X 2.0" O.D. X 2'L SS
HAMMER WEIGHT : 140 LBS

DRILLER : IVAN ROSA
LOGGED BY : JOSE MEDERO
DATE STARTED : 07/12/2006
DATE ENDED : 07/12/2006

DEPTH (FEET)	SAMPLES	BLOWS (per 6 in.)	DESCRIPTION	N	Q_u (tsf)	PEN (tsf)	WATER CONTENT (%)
0	B-14-1	4-7-8-11	CLAYEY SILT, TRACE FINE SAND, STIFF, RED AND LIGHT YELLOWISH BROWN SEAMS.	15		2.75	40.0
	B-14-2	6-7-9-10	SAME AS ABOVE	16	1.8		40.4
	B-14-3	10-12-14-20	SAME AS ABOVE; VERY STIFF.	26		3.0	44.4
5	B-14-4	16-20-17-22	SAME AS ABOVE; HARD.	37		3.75	45.6
	B-14-5	8-10-9-10	SAME AS ABOVE; VERY STIFF, OCC. BLACK SPOTS.	19	2.0		43.7
10							
	B-14-6	10-11-13-16	SAME AS ABOVE	24	1.8		49.9
15							
	B-14-7	6-17-18-20	CLAYEY SILT, TRACE FINE SAND, HARD, STRONG BROWN, OCC. BROWNISH GRAY AND BLACK JOINTS.	35		3.25	29.3
20							
	B-14-8	12-17-22-36	SAME AS ABOVE; OLIVE BROWN, WHITE AND BLACK JOINTS.	39			26.8
25							
			END OF BORING AT 26.0'				
30							



NOTE : All depths referred to existing grade

COMMENTS : NR= NO RECOVERY ND= NOT DETECTED
* SAMPLE OBSERVED WET AT THIS DEPTH

APPENDIX NO. 3

FIELD AND LABORATORY TESTING PROCEDURES

APPENDIX 3

FIELD AND LABORATORY TESTING PROCEDURES

DRILLING

Auger Borings. These are performed by turning a hollow-stem auger into the ground a short distance. As the auger advances into the ground, the cuttings rise to the surface on the auger spirals, although the depth from which the material comes cannot be accurately determined. By using hollow-stem augers, samples can be recovered from the bottom of the auger, thus eliminating the need for driving casing.

Wash Borings. Wash borings are performed by advancing 5-foot casings (3-inch in diameter) into the ground with the drop of a 300-lb hammer from a height of 30 inches. The number of blows for every foot of casing penetration is reported in the boring logs. When driving of the casing becomes too difficult, due to the harness of the soils encountered, and the hole does not ca-in, the boring is advanced without casing by continuously washing out the soils with the drill rods. The color and nature of the soils washed out is observed, examined and recorded to have a general idea of the extent of the soil strata.

Core Borings. Usually performed on rock formations, a core borings are advanced by rotating drill rods, a core barrel and diamond bit. As the bit cuts into the rock, the rock core is free to move into the inner core barrel head, which is suspended on a swivel. Therefore, the rock core does not follow the rotary motion of the outer core barrel with its it. Cooling water or a bentonite slurry is circulated through the drill rods and the core barrel. Penetration depends on the length of the core barrel and the quality (amount of joints or fractures) of the rock. Core runs are longer as rock quality increases. As the core barrel is withdrawn, the core lifter, located inside the

diamond bit, wedges itself around the bottom of the rock core, thus permitting it to be pulled free from the underlying rock.

SAMPLING

Standard Penetration Test (ASTM D 1586). Standard Penetration Tests (SPT) are performed by driving a 1.375-in ID x 2-in OD x 18- or 24-in long, split spoon sampler with the drop of a 140-lb hammer form a 30-in height. The number of blows for every 6-in of sampler penetration is recorded, and the number of blows between 6 and 18 inches of penetration is reported as the N-value. Samples are stored and sealed in glass jars for visual classification and other routing laboratory tests. The SPT has been correlated with the consistency of fine-grained soils, and the angle of internal friction or the relative density of sands. Such correlations can be used for preliminary engineering analyses and classification of soil strata of a particular site. For the case sands, this firm has adopted the recommendations by De Mello, 1971,: obtain the angle of internal friction from N-values and overburden pressure to determine the relative density. In the case of fine-grained soils, the correlation of the SPT with the undrained shear strength of medium and stiff silts and clays of low sensitivity have been found to be fairly good. However, in the case of soft silts and clays, the SPT yields poor estimates of the undrained shear strength. Therefore, testing undisturbed samples, and performing other in situ tests (e.g. vane shear, cone penetration, dilatometer, etc.) may be more reliable for these cases.

Undisturbed Sampling. Undisturbed samples are obtained with thin-wall Shelby tube samplers, 2- to 5-in OD by 30-in long. The sampler is forced into the soil by static force or downward pressure and is pulled out also statically. These samplers are sealed in the field with wax and shipped to the laboratory. Samples are then

extruded at the time of testing by pushing in the same direction that the samples penetrated the sampler. Special care is taken in handling these samples to minimize disturbance.

LABORATORY TESTING

Natural Moisture Content (ASTM D 2216). This is the water content of the in situ soil. It is obtained from either disturbed or undisturbed samples. Basically, about 40 grams of soil is placed in an oven for 24 hours at a temperature of 110° C. The difference in weight between the natural and oven-dried states of the soil, divided by the dry weight of the dry samples, expressed in percentage, is reported as the natural moisture content (w_n).

Atterberg Limits (ASTM D 4318). These limits and related indices are commonly used in geotechnical engineering for soil identification and classification purposes. However, these ares also empirically correlated to various parameters which are used for preliminary analyses. The procedure used to determine liquid and plastic limits are described in the referenced ASTM standard.

Unconfined Compression (ASTM D 2166). The best-quality samples recovered during SPT performance are subjected to failure in unconfined compression. These samples are disturbed and shear strength obtained is usually lower than the "true" in situ strength, depending on the degree of disturbance and the soil sensitivity. Furthermore, increased brittleness of the soils structure results in strength values lower than the in situ undrained strength. Therefore, the unconfined strength value determined from a split spoon sample is only used as index property for classification and identification purposes. If more accurate strength values are required, undisturbed samples are used.

SOIL DESCRIPTION (ASTM D 2488)

The description of soils include the color, type (gravel, sand, silt, clay, organic), consistency (if soil is fine-grained), size and roundness (if soil is coarse-grained), and some other special characteristics which can assist in the identification and classification of the soil. The latter are those recommended for field classification (dilatancy, dry strength, shine, and toughness). To approximate the consistency of fine-grained soils (soft, medium, stiff, hard), a simple test is performed with the thumb. The description of coarse-grained soils (sands and gravels) include size (fine, medium, coarse), and roundness (angular, sub-angular, sub-rounded, and well-rounded, according to Pettijohn, 1949). The relative amount of coarse fractions in fine-grained soils is estimated by placing a representative sample of some 50 grams in a graduated cylinder filled with water. The mix is shaken and allowed to settle. Particles of a size larger than fine sand are visible to the naked eye, while silts and clay are not. In this manner, estimates of the relative amount of the coarse fractions are made and reported as:

Descriptive Term	Percent of Sample
Trace	1 - 10%
Some	10 - 20%
Sandy, Gravelly, Silty, Clayey	20 - 35%
And	35 - 50%

The relative density of sands has been also correlated with the SPT as follows:

N-value	Relative Density
0 - 4	very loose
4 - 10	loose
10 - 30	medium
30 - 50	dense
> 50	very dense

These correlations are very approximate, and vary with, among other factors, overburden pressure (Gibbs and Holtz, 1957, and Bazaraa, 1967). Moreover, these are meaningless in soils with a significant amount of gravel or cobbles. The relative amounts of the fine-grained soils is estimated according to the reaction of the soil to dilatancy, shine, dry strength and toughness, with the adjective indication the less active fraction; i.e., a silty clay behaves more like a clay than a silt. The consistency of cohesive soils has also been correlated to the results of the SPT, as shown below. This correlation, however, is greatly affected by the clay structure and factors such as sensitivity.

Unconfined Compressive Strength (tsf)	N-value	Consistency
< 0.25	< 2	very soft
0.25 - 0.50	2 - 4	soft
0.50 - 1.00	4 - 8	medium
1.00 - 2.00	8 - 15	stiff
2.00 - 4.00	15 - 30	very stiff
> 4.00	> 30	hard

ROCK DESCRIPTION

Geologic features used to describe rock cores are weathering, hardness, joint bedding and foliation spacing, percent recovery, RQD, etc. These are explained in the information above:

Weathering

Degree	Sample Condition
Fresh	Fresh, bright crystals, few joints may show slight staining. Rock rings under hammer if crystalline.
Very Slight	Generally fresh, joint-stained, some joints may show clay if open, crystals in broken face show clay if open, crystals in broken face show bright. Rock rings under hammer if crystalline.
Slight	Generally fresh, joint-stained and discoloration extends into rock up to 1". Open joints contain clay. In granodiorite rocks, some feldspar crystals are dull and discolored. Crystalline rocks ring under hammer.
Moderate	Significant portions of rock show discoloration and weathering effects. In granodiorite rocks, most feldspars are dull and discolored; some show clayey. Rock has dull sound under hammer, and show significant loss of strength as compared with fresh rock.
Moderately Severe	All rocks, except quartz, discolored or severely stained. In granodiorite rocks, all feldspars are dull and most show kaolinization. Rock shows severe loss of strength and can be excavated with geologist pick. Rock goes "chunk" when struck.
Severe	All rocks, except quartz, discolored or stained. Rock "fabric" clear and evident, but reduced in strength to strong soil. In granodiorite rocks, all feldspars are kaolinized to some extent.
Very Severe	All rocks, except quartz, discolored or stained. Rock "fabric" not discernible, or discernible only in small scattered locations. Quartz may be present as dikes or stringers.

Hardness

Degree	Sample Conditions
Very Hard	Cannot be scratched with knife or sharp pick. Breaking of hand specimens requires several hard blows with geologist pick.
Hard	Can be scratched with knife or pick only with difficulty. Hard blow of hammer required to detach hand specimen.
Moderately Hard	Can be scratched with knife or pick. Deep gouges or grooves can be excavated by hard blow with point of geologist pick. Hand specimens can be detached by moderate blow.
Medium	Can be grooved or gouged 1/16" deep by firm pressure of knife or pick point. Can be excavated in small 1" chips with geologist pick.
Soft	Can be gouged or grooved readily with knife or pick point. Can be excavated in chips, several inches in size, by moderate blows of a pick point. Small thin pieces can be broken by finger pressure.
Very soft	Can be carved with knife. Can be excavated readily with point of pick. Pieces, one inch or more in thickness, can be broken by finger pressure. Can be scratched readily by finger nail.

*For engineering description of rock, not to be confused with Moh's scale for minerals.

Note: For specific projects involving only a limited number of rock types, subdivisions or major groupings may be desirable. Numerical or alphabetical subscripts may be used to identify such subdivisions.

Joint Bedding and Foliation Spacing in Rock. Joint spacing refers to the distance normal to the plane of the joints of a single system, or "set" of joints which are parallel to each other or nearly so. The spacing of each "set" should be described if it is possible to establish.

Spacing	Joints	Bedding & Foliation
< 2"	very close	very thin
2" - 1'	close	thin
1' - 3'	mod. close	medium
3' - 10'	wide	thick
> 10'	very wide	very thick

Core Recovery and Rock Quality Designation (RQD). In addition to the inspection of the rock core, other valuable information to the engineer is the percent recovery, and the rock quality designation (RQD). The percent recovery is defined as:

$$\textbf{\% Recovery} = \frac{\text{Length of core sample recovered}}{\text{Length of cored run}}$$

If the core is broken by hauling or by the drilling process (i.e., the fracture surfaces are fresh irregular breaks rather than natural joint surfaces), the fresh broken pieces are fitted together and counted as one piece, provided that they form the required 4-inch length. Some judgement is necessary. The RQD is expressed in percent for NX or NWM cores as:

$$\text{RQD} = \frac{\text{Sum of the lengths of core pieces longer than 4-in}}{\text{Length of run drilled}}$$

The quality of the rock is described as follows:

RQD, %	Description of Rock Quality
0 - 25	very poor
25 - 50	poor
50 - 75	fair
75 - 90	good
90 - 100	excellent

APPENDIX 4

TABLE 1 – SOIL PROPERTIES

Table 1 – Soil Properties

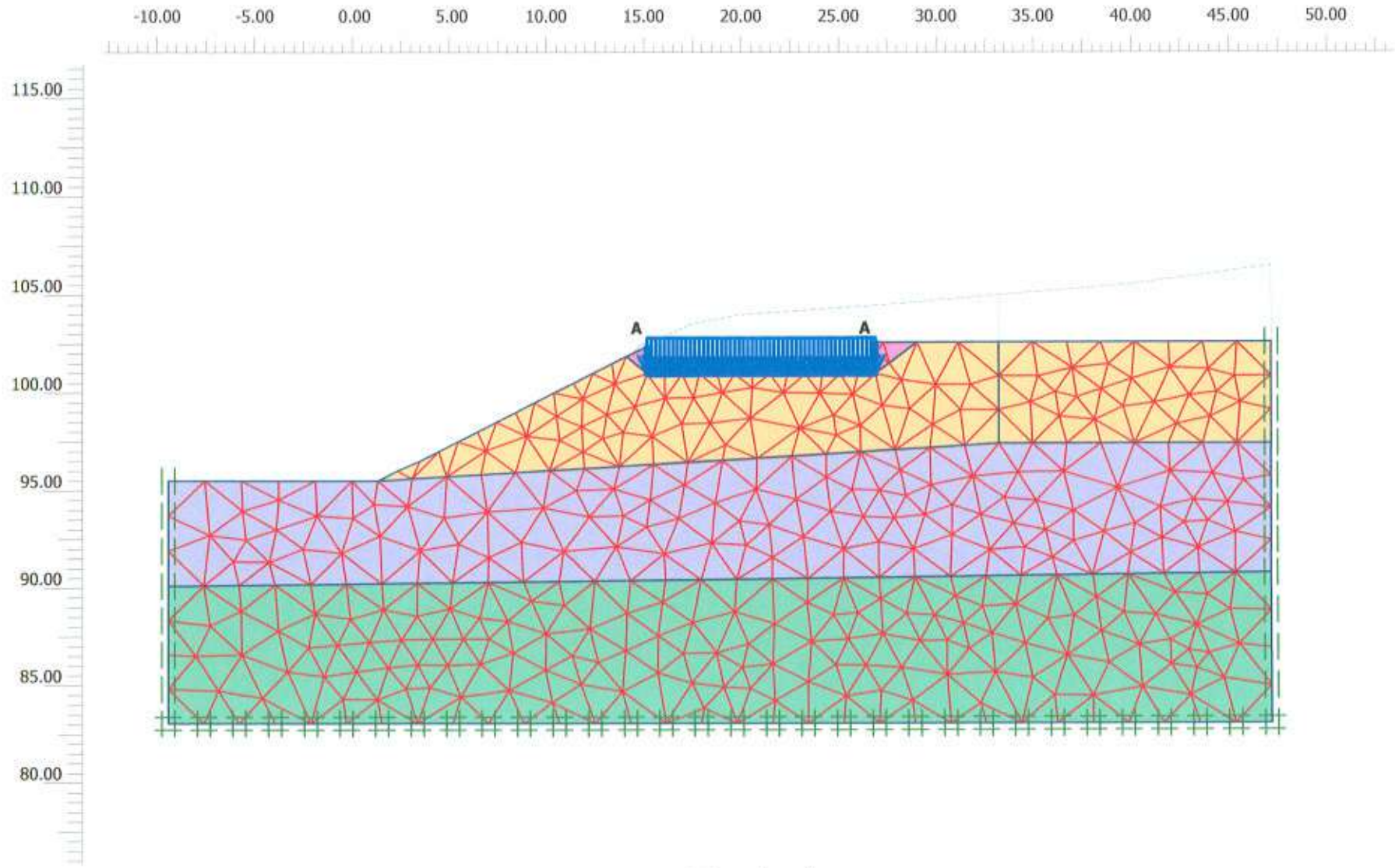
Boring No.	Depth (ft)	SPT N-Value	w_n (%)	γ_t (kN/m^3)	G_s	e_0	σ'_p (kPa)	C_c	C_r	C_s	K (m/day)x10^{-4}	E_{50} (kPa)	E_{ur} (kPa)	E_{oed} (kPa)	c' (kPa)	ϕ (deg
B-3	6 – 9	28	38.1	16.6	2.8	1.28	186	0.28	0.015	0.05	0.077	5,069	133,000	5,981	51.2	26.4
B-4	14 – 17	19	42.7	15.5	2.8	1.54	182	0.47	0.018	0.066	33	2,656	54,500	3,836	37.3	23.5
B-4	19 – 22	16	59.2	14.4	2.8	2.03	170	0.71	0.015	0.055	29.7	2,450	41,671	3,402	65.1	18.8

Legend:

w_n	Natural water content
γ_t	Total unit weight
G_s	Specific gravity of solids
e_0	Initial void ratio
σ'_p	Preconsolidation pressure (maximum past pressure)
C_c	Compression index
C_r	Recompression index
C_s	Swelling index
K	Coefficient of permeability (@ 100 kPa confining pressure)
E_{50}	Secant modulus at 50% maximum deviator stress in CD triaxial test @ 100 kPa confining pressure
E_{ur}	Unload/reload modulus at 50% maximum deviator stress in CD triaxial test @ 100 kPa confining pressure
E_{oed}	Oedometer modulus @ 100 kPa confining pressure
c'	Effective cohesion
ϕ	Effective friction angle

APPENDIX 5

PLAXIS ANALYSES OUTPUT



Deformed mesh

Extreme total displacement $43.92*10^{-3}$ m

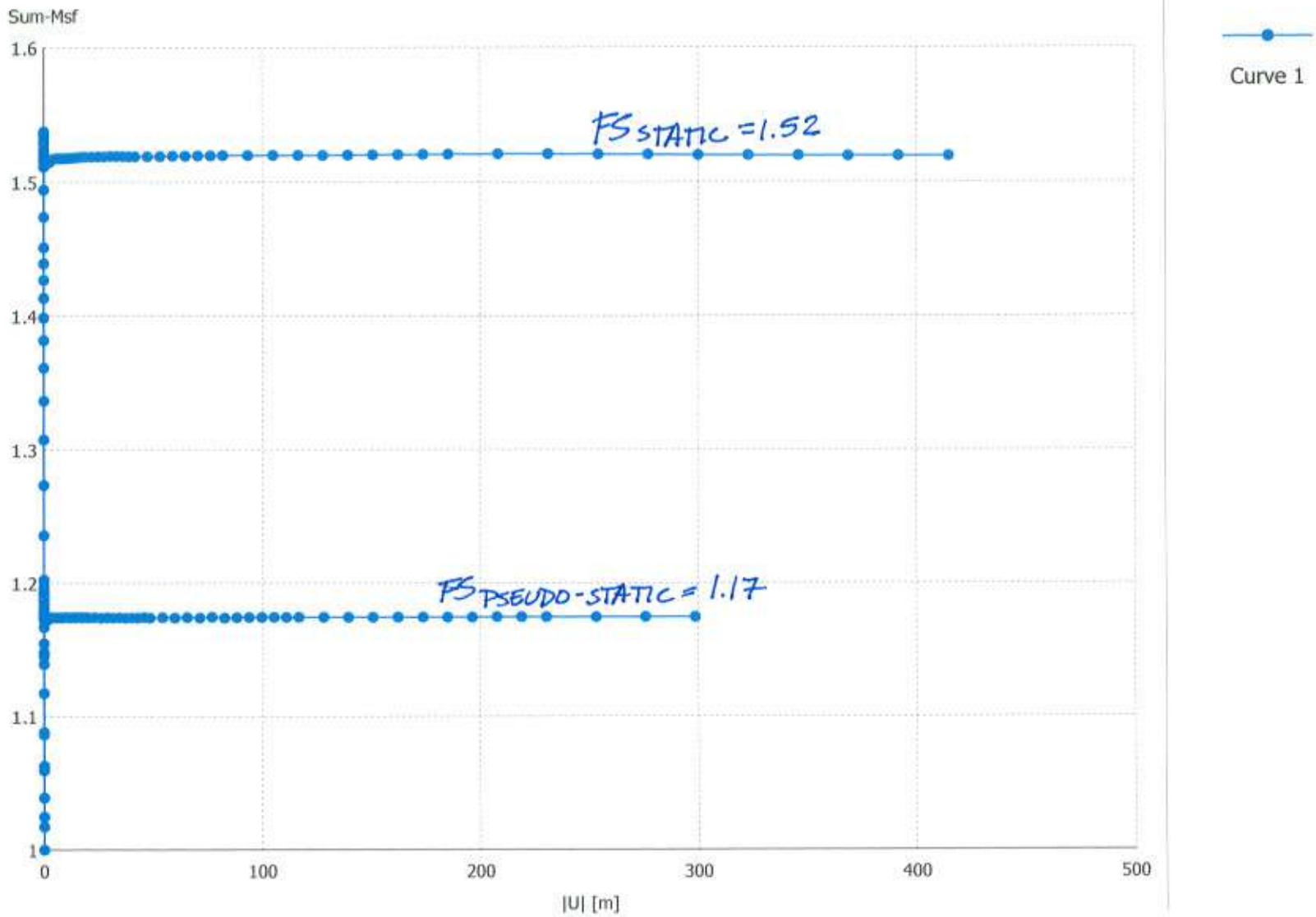
(displacements at true scale)

PLAXIS

Finite Element Code for Soil and Rock Analyses

Project description			
Caridad del Cobre Development, Section O/A-1			
Project name	Step	Date	User name
O_A1_HS_und	75	10/30/06	GMTS Corporation

Plaxis 8

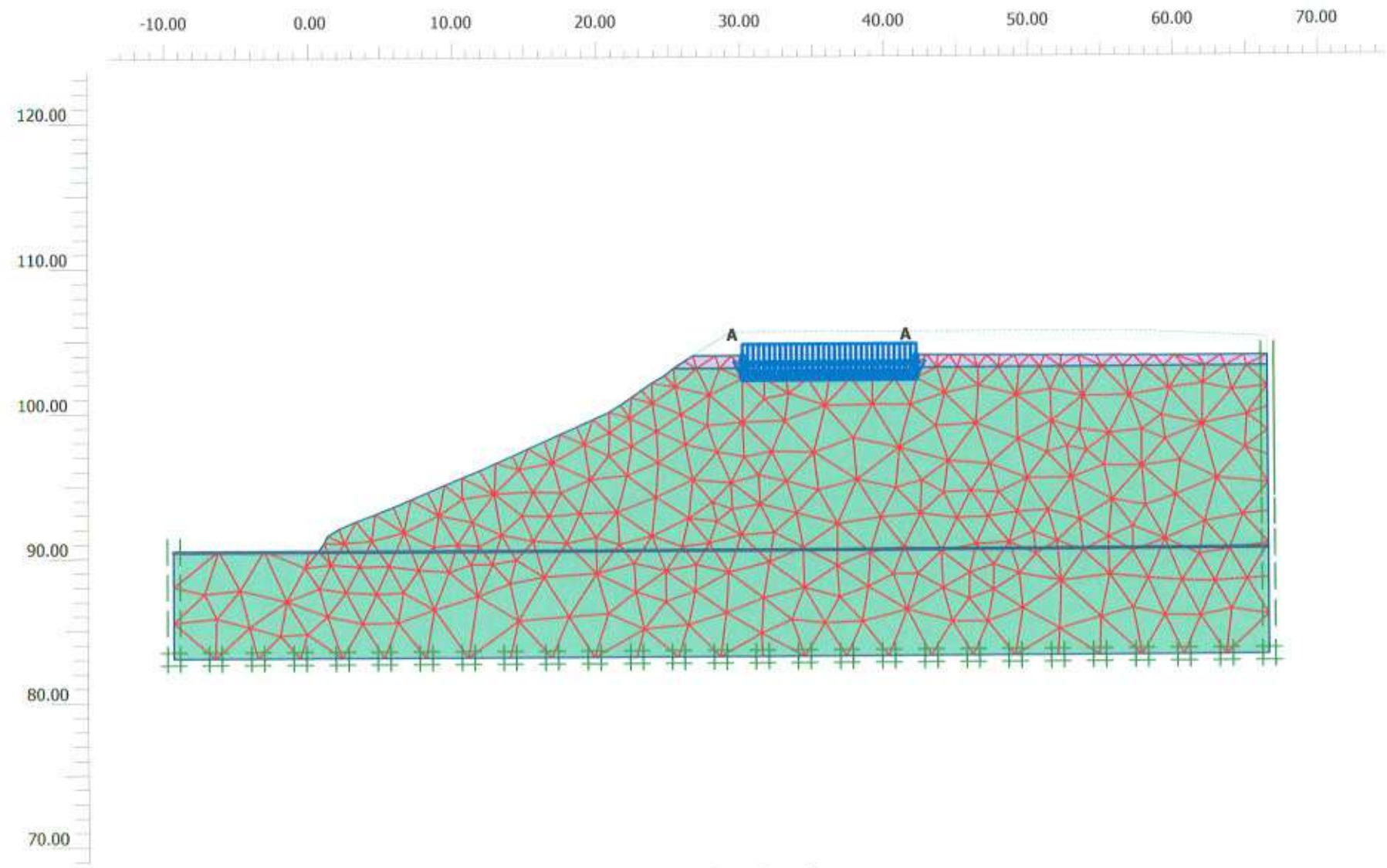


PLAXIS
Finite Element Code for Soil and Rock Analyses

Project description		
Caridad del Cobre Development, Section O/A-1		
Project name	Date	User name
O_A1_HS_un...	10/30/06	GMTS Corporation

Version 8.2.7.308

PLAXIS V8



Deformed mesh

Extreme total displacement $28.76*10^{-3}$ m

(displacements at true scale)

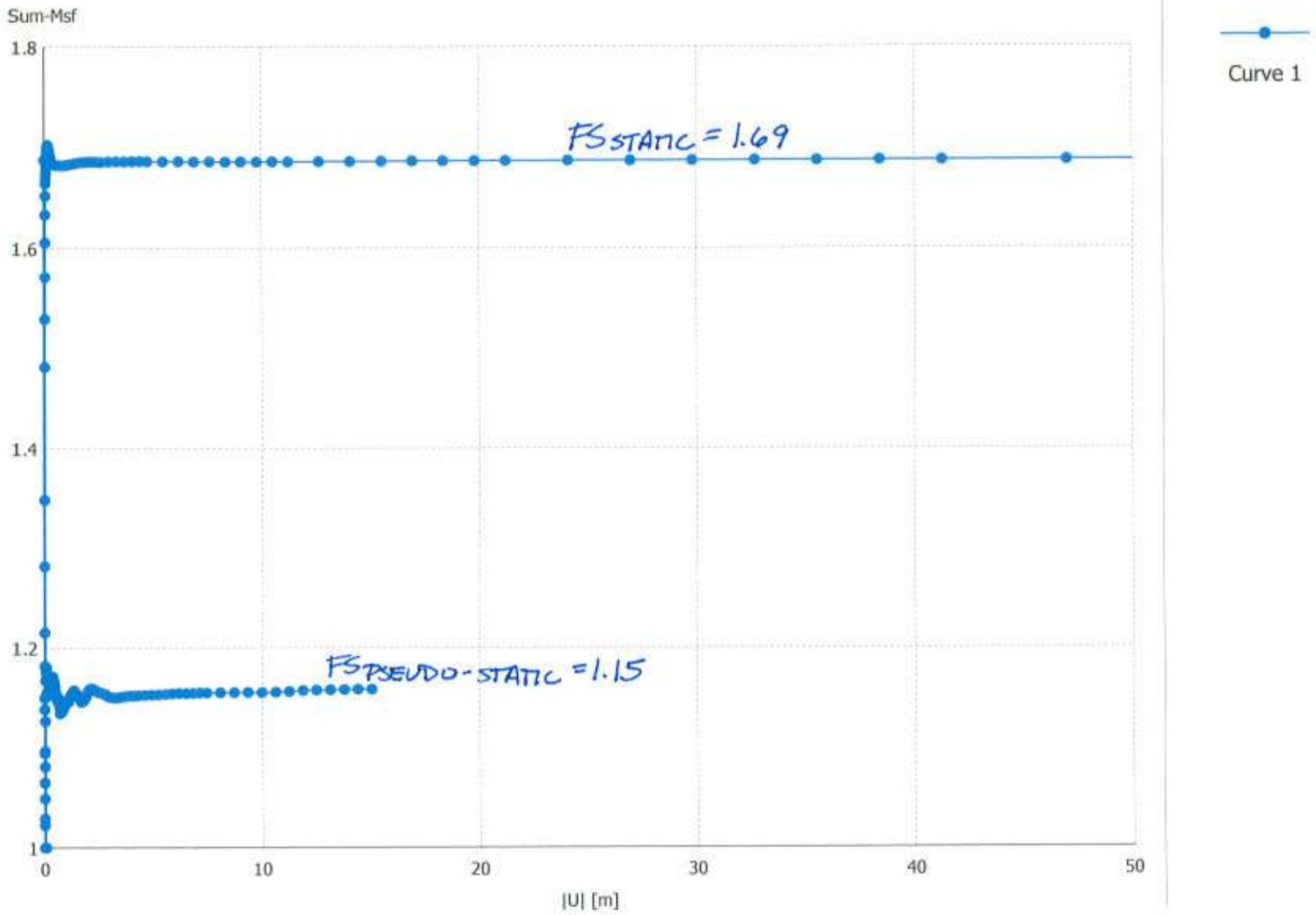
PLAXIS

Finite Element Code for Soil and Rock Analyses

Project description			
Caridad del Cobre Development, Section K/A-1			
Project name	Step	Date	User name
K_A1_MC	34	10/30/06	GMTS Corporation

Version 8.2.7.737

Plaxis 8



PLAXIS
Finite Element Code for Soil and Rock Analyses

Project description		
Caridad del Cobre Development, Section K/A-1		
Project name	Date	User name
K_A1_MC.PLX	10/30/06	GMTS Corporation

Version 8.2.7.308

GeoTesting
express
a subsidiary of Geocomp Corporation

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

Geotechnical Test Report

October 20, 2006

GTX-6868
Caridad del Cobre
Project

Bayamon, Puerto Rico

Prepared for:

GMTS

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	GMTS				
Project:	Caridad del Cobre				
Location:	Cerrro Gordo Ward, Bayamon, PR			Project No:	GTX-6868
Boring ID: ---		Sample Type: ---		Tested By:	pcs
Sample ID:---		Test Date:	08/11/06	Checked By:	jdt
Depth : ---		Test Id:	94552		

Specific Gravity of Soils by ASTM D 854-06

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity
B-3	S-1	6-9 ft	Moist, yellowish red clay	2.8
B-4	S-1	14-17 ft	Moist, brown clay	2.8
B-4	S-2	19-22 ft	Moist, red clay	2.84

Notes: Specific Gravity performed by using method A (oven dried specimens) of ASTM D 854
Moisture Content determined by ASTM D 2216.

GeoTesting express
a subsidiary of Geosonic Corporation

Client:	GMTS		
Project Name:	Caridad del Cobre		
Project Location:	Bayamon, PR		
GTX #:	6868	Tested By:	md
Test Date:	08/04/06	Checked By:	jdt

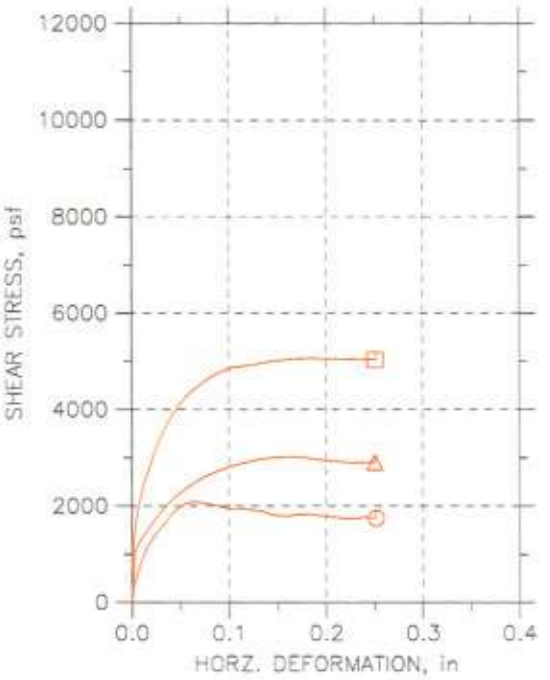
Density of Soil In Place by the Drive Cylinder Method by ASTM D 2937 and Moisture Content by ASTM D 2216

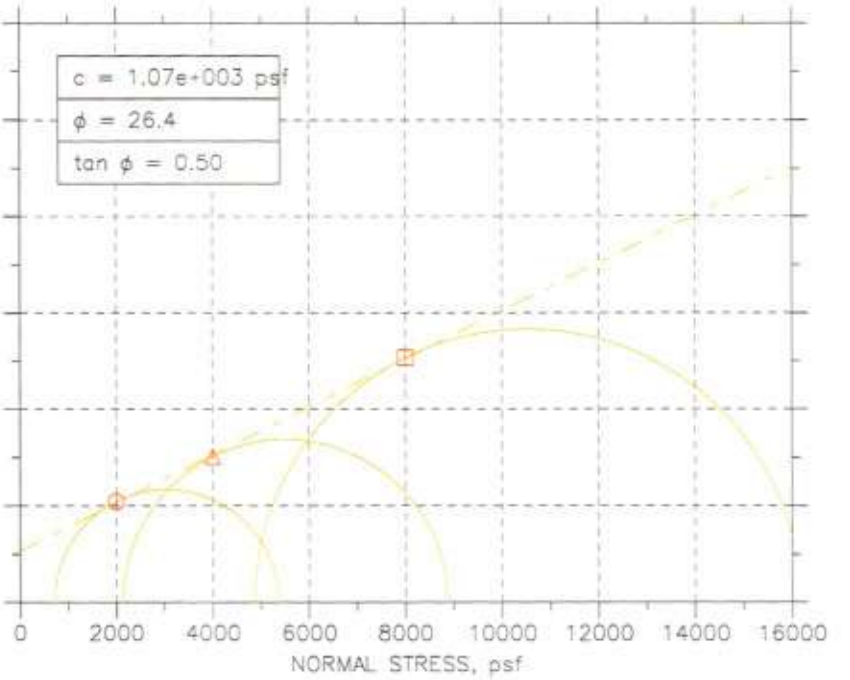
Boring ID	Sample ID	Depth, ft	Section	Visual Description	Bulk Density, lb/ft^3	Moisture Content, %	Dry Density, lb/ft^3
B-3	S-1	6-9	Top	Moist, yellowish red clay	108	42	76.3
B-3	S-1	6-9	Middle	Moist, yellowish red clay	109	42	76.4
B-3	S-1	6-9	Bottom	Moist, yellowish red clay	95.6	25	76.5
B-3	S-2	13-16	Top	Moist, yellowish red clay	105	33	78.9
B-3	S-2	13-16	Middle	Moist, yellowish red clay	97.9	33	73.8
B-3	S-2	13-16	Bottom	Moist, yellowish red clay	99.4	36	73.2
B-4	S-1	14-17	Top	Moist, brown clay	93.1	45	64.2
B-4	S-1	14-17	Middle	Moist, brown clay	95.2	46	65.4
B-4	S-1	14-17	Bottom	Moist, brown clay	98.5	43	68.9
B-4	S-2	19-22	Top	Moist, red clay	110	53	71.7
B-4	S-2	19-22	Middle	Moist, red clay	88.9	50	59.3
B-4	S-2	19-22	Bottom	Moist, red clay	87.6	52	57.6

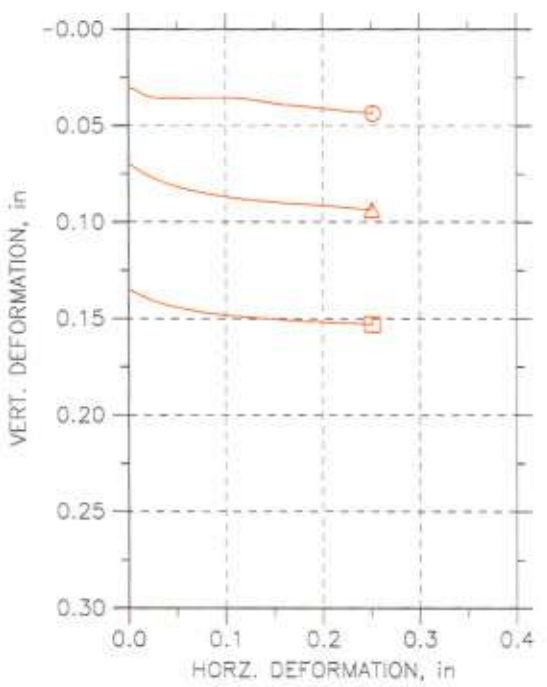
Notes: Density determined on undisturbed tube samples provided to GeoTesting Express in Shelby tubes

GeoTesting express
a subsidiary of Geocomp Corporation

DIRECT SHEAR TEST REPORT







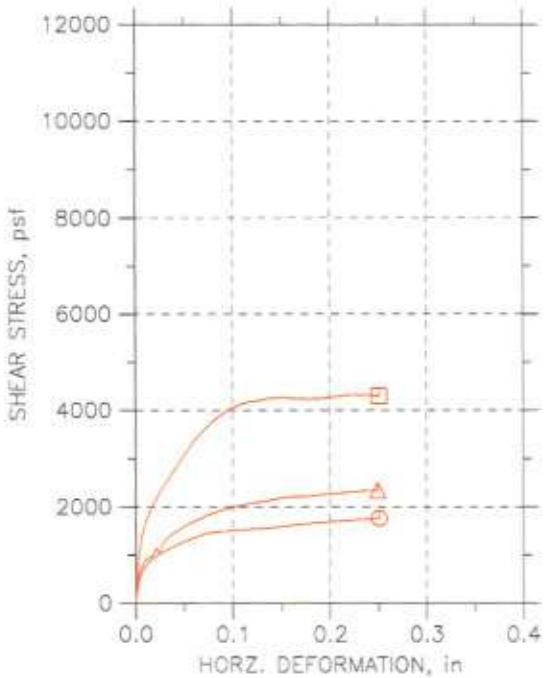
Symbol		⦶	△	⊡	
Test No.		DS4	DS5	DS6	
Sample No.		S-1	S-1	S-1	
Shape		Circular	Circular	Circular	
Initial	Dimension, in	2.5	2.5	2.5	
	Area, in^2	4.9087	4.9087	4.9087	
	Height, in	1	1	1	
	Water Content, %	38.08	38.97	40.09	
	Dry Density, pcf	78.002	71.05	68.355	
	Saturation, %	85.92	74.73	72.09	
	Void Ratio	1.241	1.4602	1.5572	
Consol. Height, in		0.97414	0.93058	0.86604	
Consol. Void Ratio		1.183	1.2894	1.2146	
Final	Water Content, %	41.94	48.63	45.16	
	Dry Density, pcf	81.553	78.371	80.695	
	Saturation, %				
	Void Ratio				
Normal Stress, psf		1998.7	3999.7	7999.5	
Max. Shear Stress, psf		2089.1	3020.4	5061.6	
Ult. Shear Stress, psf		1750.1	2906.3	5030.7	
Time to Failure, min		70.001	175	150	
Disp. Rate, in/min		0.0009	0.0009	0.0009	
Measured Specific Gravity		2.80	2.80	2.80	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	
Plasticity Index		---	---	---	

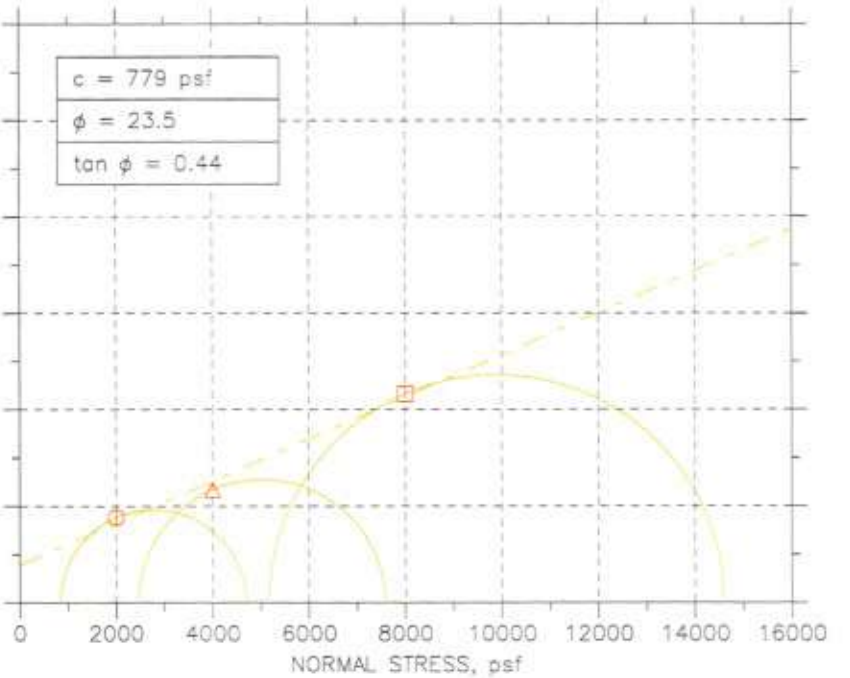
Project: Caridad del Cobre	
Location: Bayamon, PR	
Project No.: GTX-6868	
Boring No.: B-3	
Sample Type: Tube	
Description: Moist, yellowish red clay	
Remarks: System H	

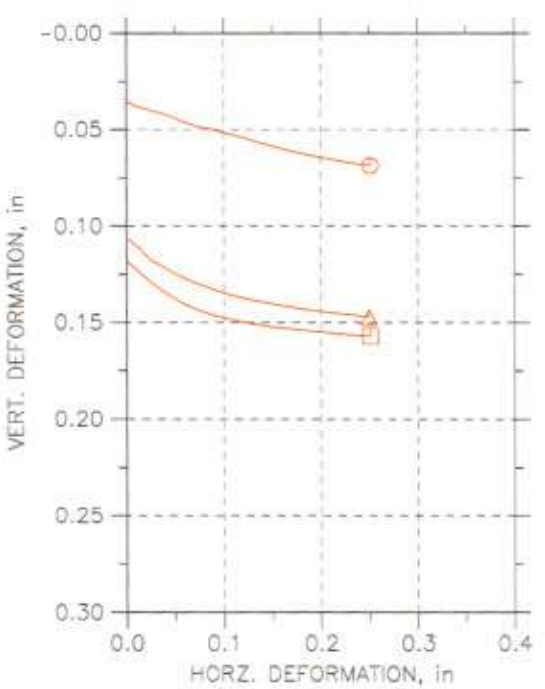
Fri, 20-OCT-2006 09:37:08

GeoTesting express
a subsidiary of Geocomp Corporation

DIRECT SHEAR TEST REPORT







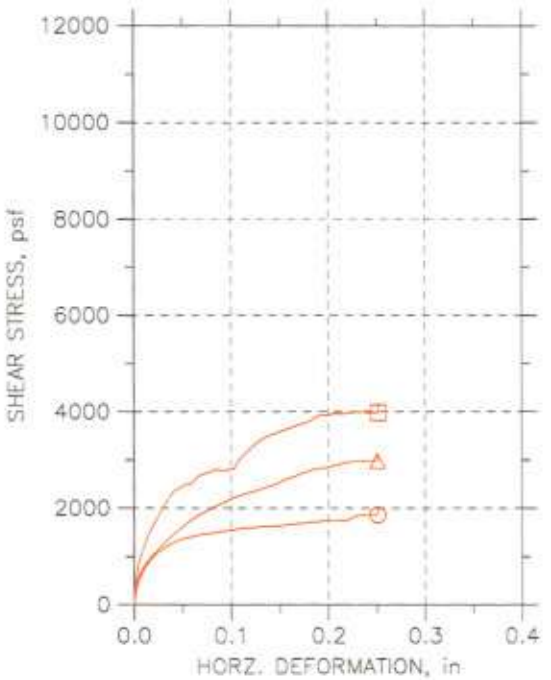
Symbol		⦶	△	⊡	
Test No.		DS7	DS8	DS9	
Sample No.		S-1	S-1	S-1	
Shape		Circular	Circular	Circular	
Initial	Dimension, in	2.5	2.5	2.5	
	Area, in^2	4.9087	4.9087	4.9087	
	Height, in	1	1	1	
	Water Content, %	45.12	42.71	45.37	
	Dry Density, pcf	64.165	63.524	63.211	
	Saturation, %	73.27	68.27	71.96	
	Void Ratio	1.7242	1.7517	1.7653	
Consol. Height, in		0.96645	0.89526	0.88283	
Consol. Void Ratio		1.6328	1.4635	1.4413	
Final	Water Content, %	57.93	49.73	52.88	
	Dry Density, pcf	68.885	74.482	74.986	
	Saturation, %				
	Void Ratio				
Normal Stress, psf		1998.7	4000.5	7999.5	
Max. Shear Stress, psf		1767.8	2344	4323.3	
Ult. Shear Stress, psf		1767.8	2344	4299.8	
Time to Failure, min		309.2	391.89	270	
Disp. Rate, in/min		0.0006	0.0006	0.0006	
Measured Specific Gravity		2.80	2.80	2.80	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	
Plasticity Index		---	---	---	

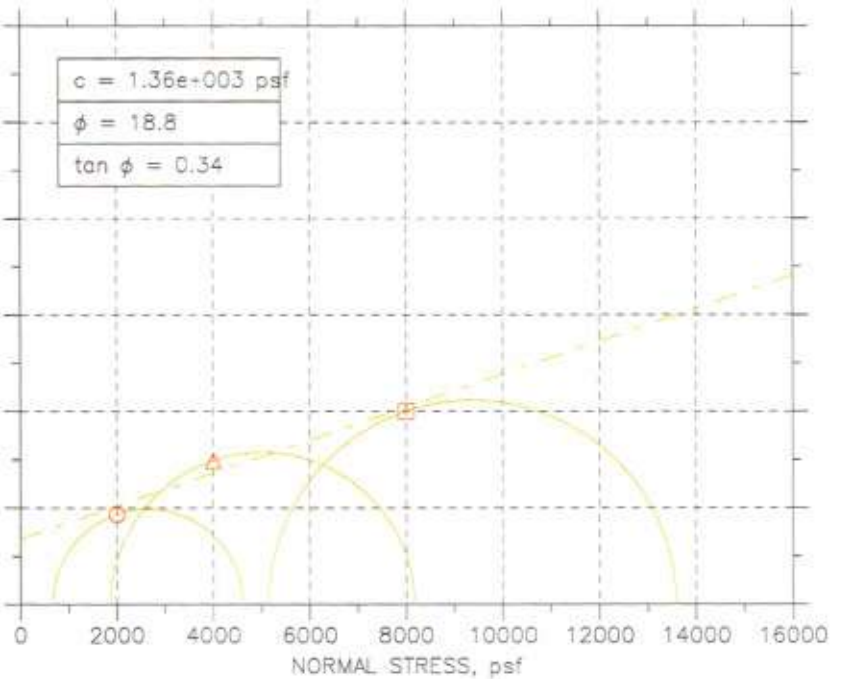
Project: Mirage Development
Location: Cerro Gordo Ward PR
Project No.: GTX-6868
Boring No.: B-4
Sample Type: Tube
Description: Moist, brown clay
Remarks: System J

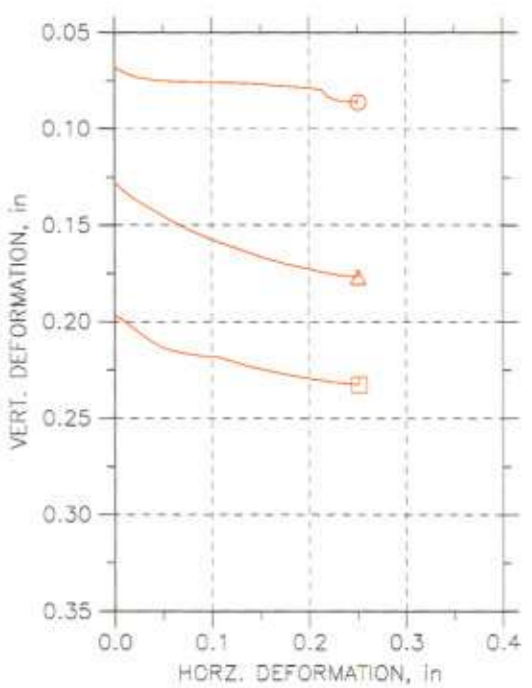
Fri, 20-OCT-2006 09:37:28

GeoTesting express
a subsidiary of Geotrans Corporation

DIRECT SHEAR TEST REPORT





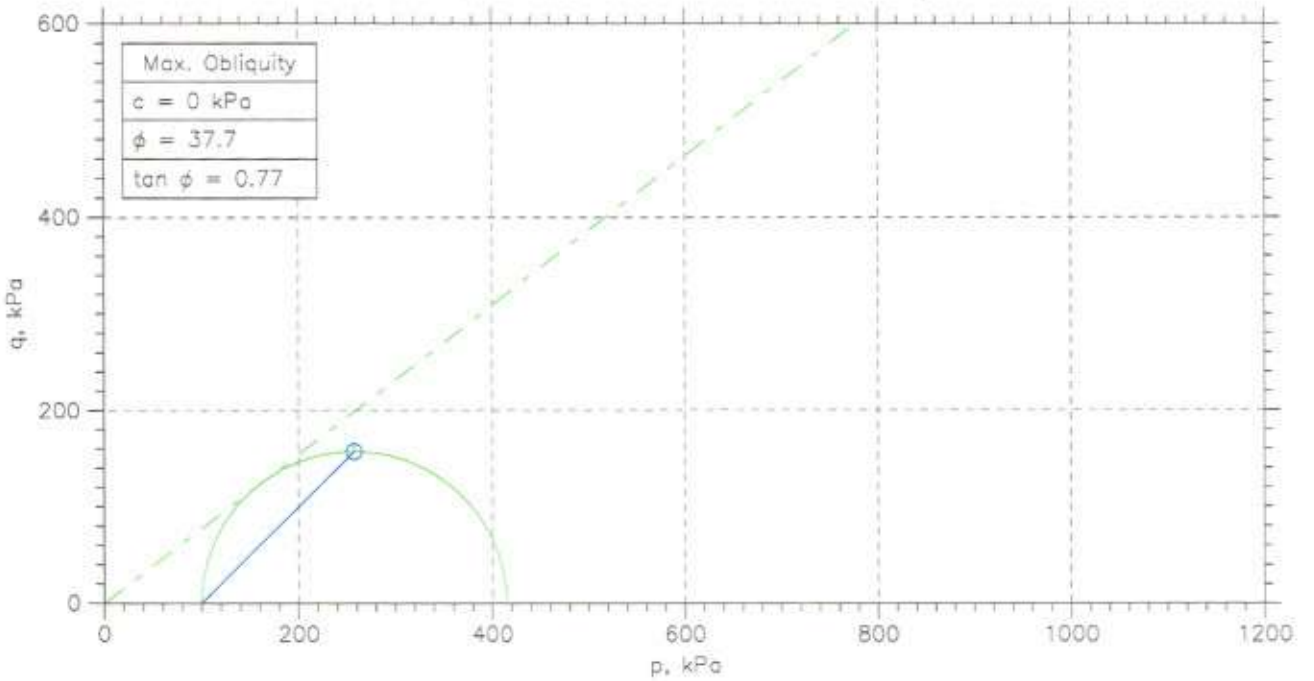


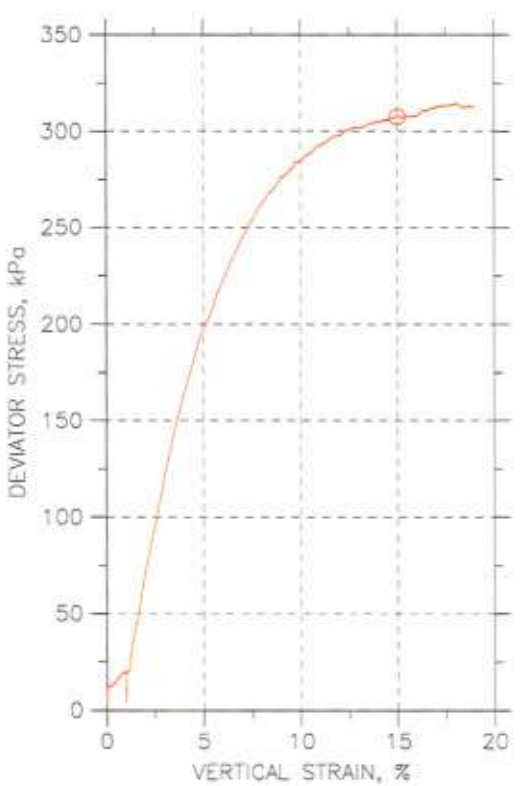
Symbol		○	△	□	
Test No.		DS-1	DS-2	DS-3	
Sample No.		S-2	S-2	S-2	
Shape		Circular	Circular	Circular	
Initial	Dimension, in	2.5	2.5	2.5	
	Area, in^2	4.9087	4.9087	4.9087	
	Height, in	1	1	1	
	Water Content, %	37.47	50.09	51.69	
	Dry Density, pcf	60.933	53.973	53.679	
	Saturation, %	55.72	62.26	63.75	
	Void Ratio	1.9097	2.2849	2.3029	
Consol. Height, in		0.93533	0.8739	0.80424	
Consol. Void Ratio		1.7215	1.8706	1.6563	
Final	Water Content, %	50.97	63.81	57.16	
	Dry Density, pcf	66.682	65.557	69.946	
	Saturation, %	[illegible]	[illegible]	[illegible]	
	Void Ratio	[illegible]	[illegible]	[illegible]	
Normal Stress, psf		1999.5	3999.7	7999.5	
Max. Shear Stress, psf		1868.4	2983.1	3999.6	
Ult. Shear Stress, psf		1862.7	2983.1	3981.8	
Time to Failure, min		205	204.07	190	
Disp. Rate, in/min		0.0009	0.0009	0.0009	
Measured Specific Gravity		2.84	2.84	2.84	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	
Plasticity Index		---	---	---	

Project: Caridad del Cobre	
Location: Bayamon, PR	
Project No.: GTX-6868	
Boring No.: B-4	
Sample Type: Tube	
Description: Moist, reddish brown clay	
Remarks: System J	

Fri, 20-OCT-2006 09:36:35

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110





Symbol		⦶			
Sample No.		S-1			
Test No.		CD3			
Depth		6-9 ft			
Initial	Diameter, in	2.87			
	Height, in	5.99			
	Water Content, %	41.8			
	Dry Density, pcf	76.42			
	Saturation, %	90.8			
	Void Ratio	1.29			
Before Shear	Water Content, %	38.8			
	Dry Density, pcf	82.74			
	Saturation*, %	97.5			
	Void Ratio	1.11			
	Back Press., kPa	524.			
Ver. Eff. Cons. Stress, kPa		99.97			
Shear Strength, kPa		153.8			
Strain at Failure, %		15			
Strain Rate, %/min		0.01			
B-Value		0.96			
Measured Specific Gravity		2.8			
Liquid Limit		---			
Plastic Limit		---			

GeoTesting express
a subsidiary of Geotechs Corporation

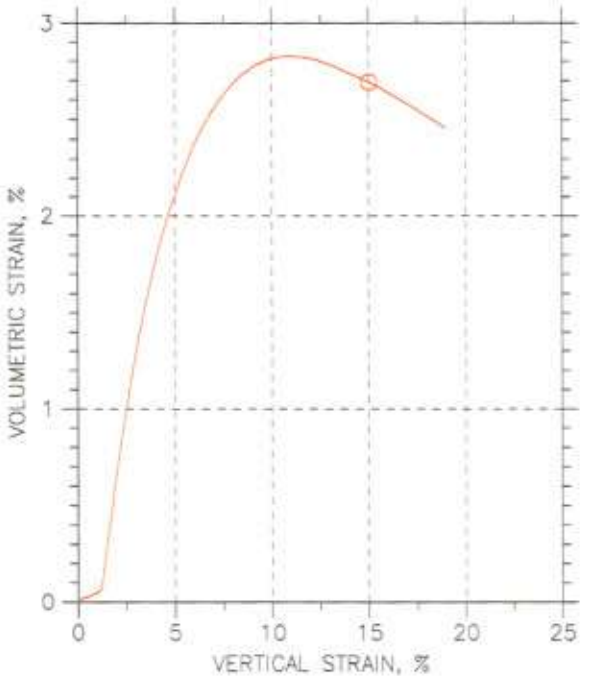
Project: Caridad del Cobre				
Location: Bayamon, PR				
Project No.: GTX-6868				
Boring No.: B-3				
Sample Type: tube				
Description: Moist, yellowish red clay				
Remarks: System F				

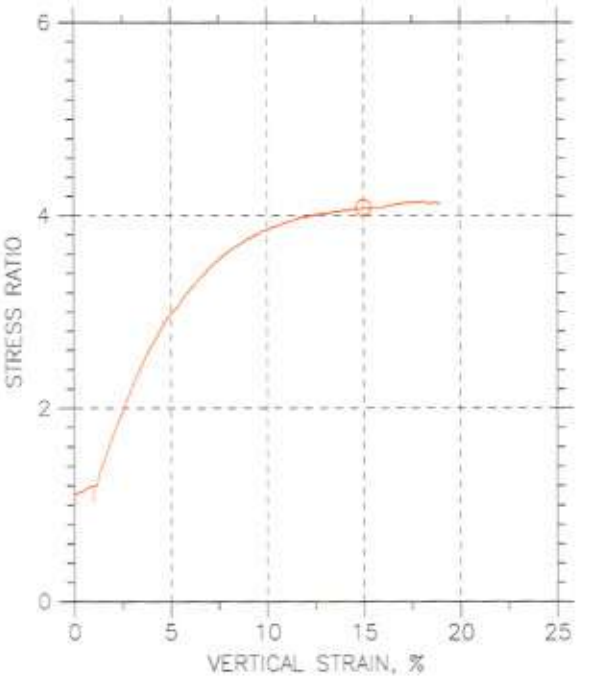
Fri, 20-OCT-2006 09:43:40

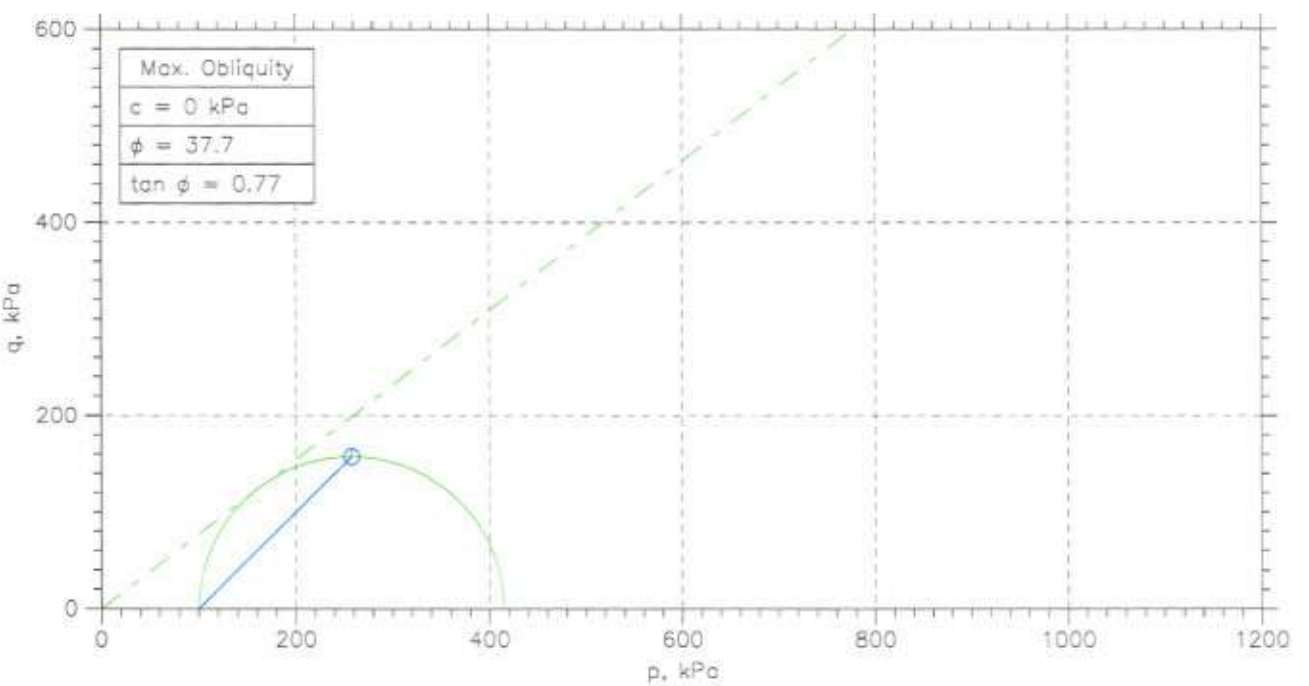
Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110







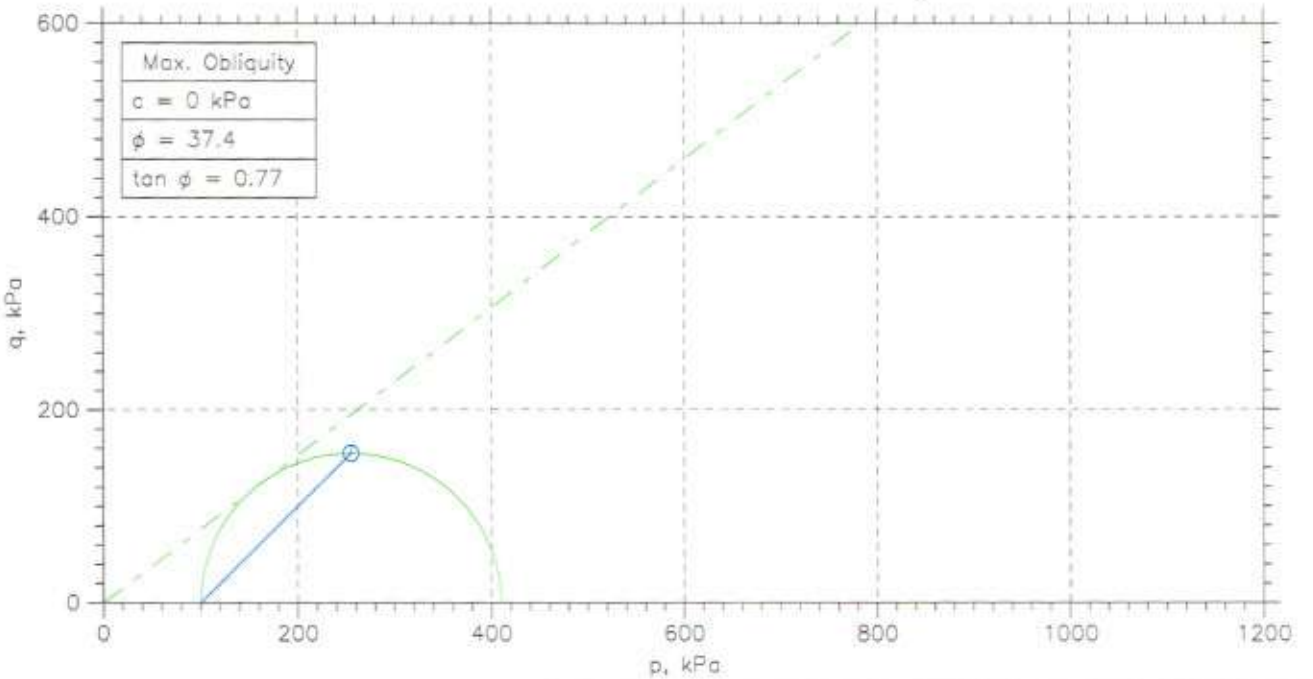
	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	S-1	CD3	6-9 ft	njh	08/14/06	jdt		6868-CD3.dat

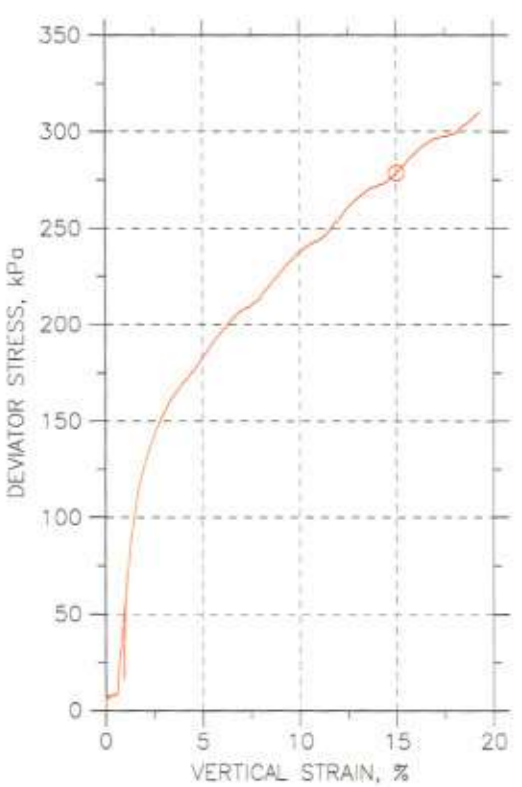
GeoTesting express
a subsidiary of Geocomp Corporation

Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
Boring No.: B-3	Sample Type: tube	
Description: Moist, yellowish red clay		
Remarks: System F		

Fri, 20-OCT-2006 09:43:57

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110





Symbol		⦶			
Sample No.		S-1			
Test No.		CD-2			
Depth		14-17 ft			
Initial	Diameter, in	2.87			
	Height, in	5.9			
	Water Content, %	45.7			
	Dry Density, pcf	65.5			
	Saturation, %	76.6			
	Void Ratio	1.67			
Before Shear	Water Content, %	51.7			
	Dry Density, pcf	68.42			
	Saturation*, %	93.0			
	Void Ratio	1.55			
	Back Press., kPa	751.5			
Ver. Eff. Cons. Stress, kPa		99.91			
Shear Strength, kPa		139.4			
Strain at Failure, %		15			
Strain Rate, %/min		0.01			
B-Value		0.83			
Measured Specific Gravity		2.8			
Liquid Limit		---			
Plastic Limit		---			

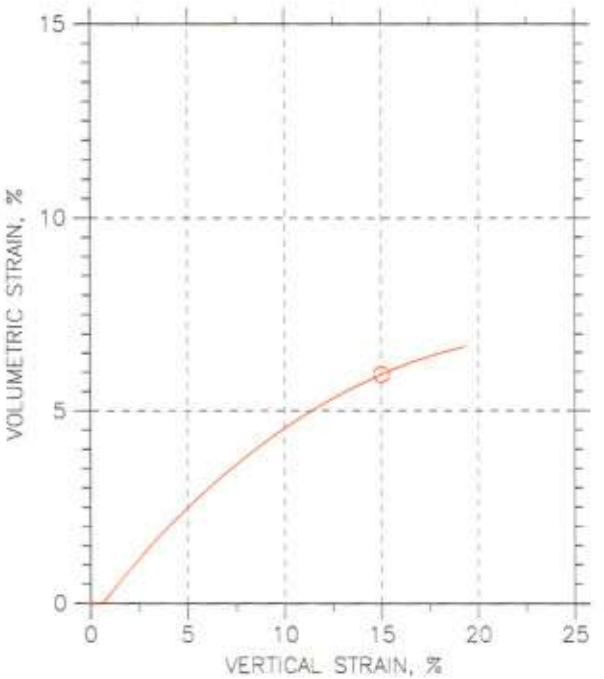
GeoTesting express
a subsidiary of Geocomp Corporation

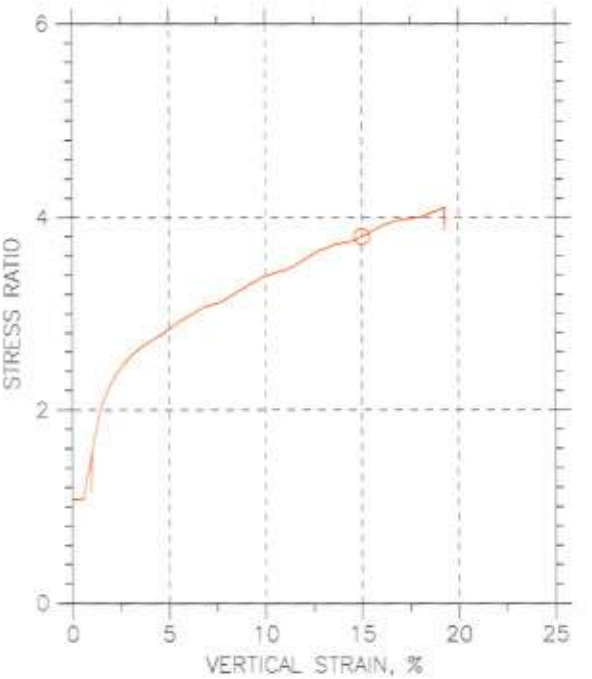
Project: Caridad del Cobre
Location: Bayamon, PR
Project No.: GTX-6868
Boring No.: B-4
Sample Type: tube
Description: Moist, brown clay
Remarks: System K

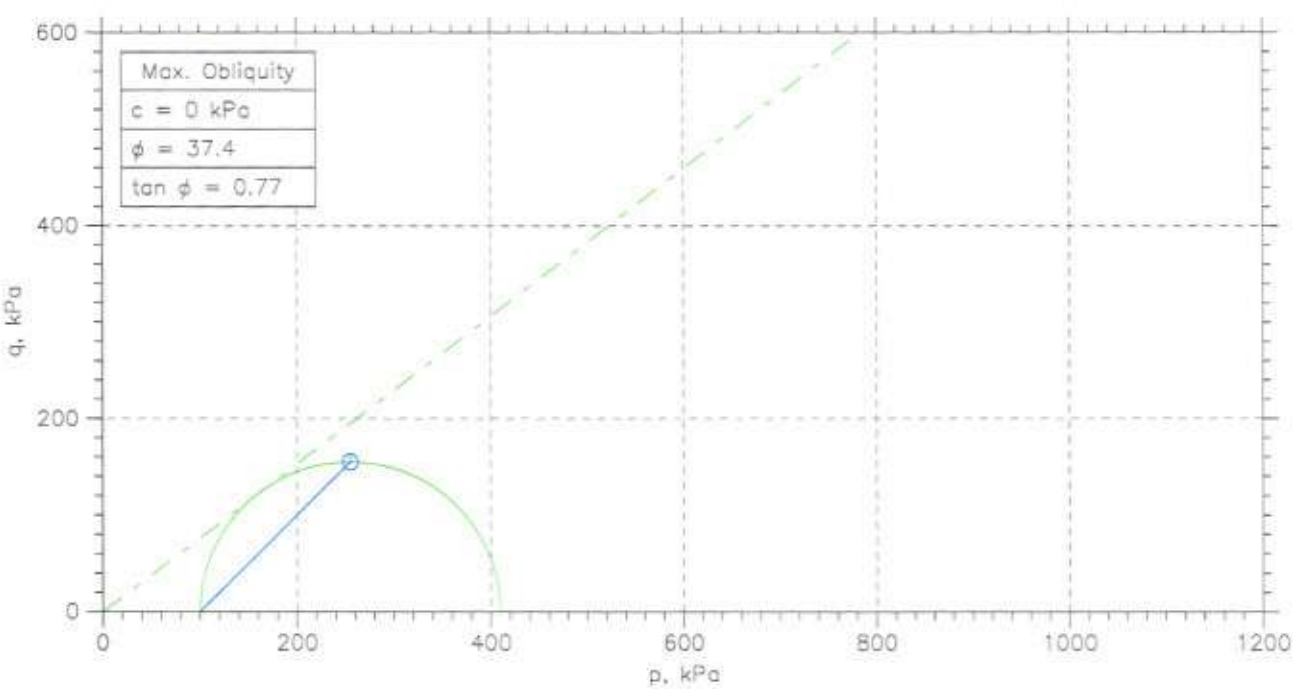
Fri, 20-OCT-2006 09:41:10

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110







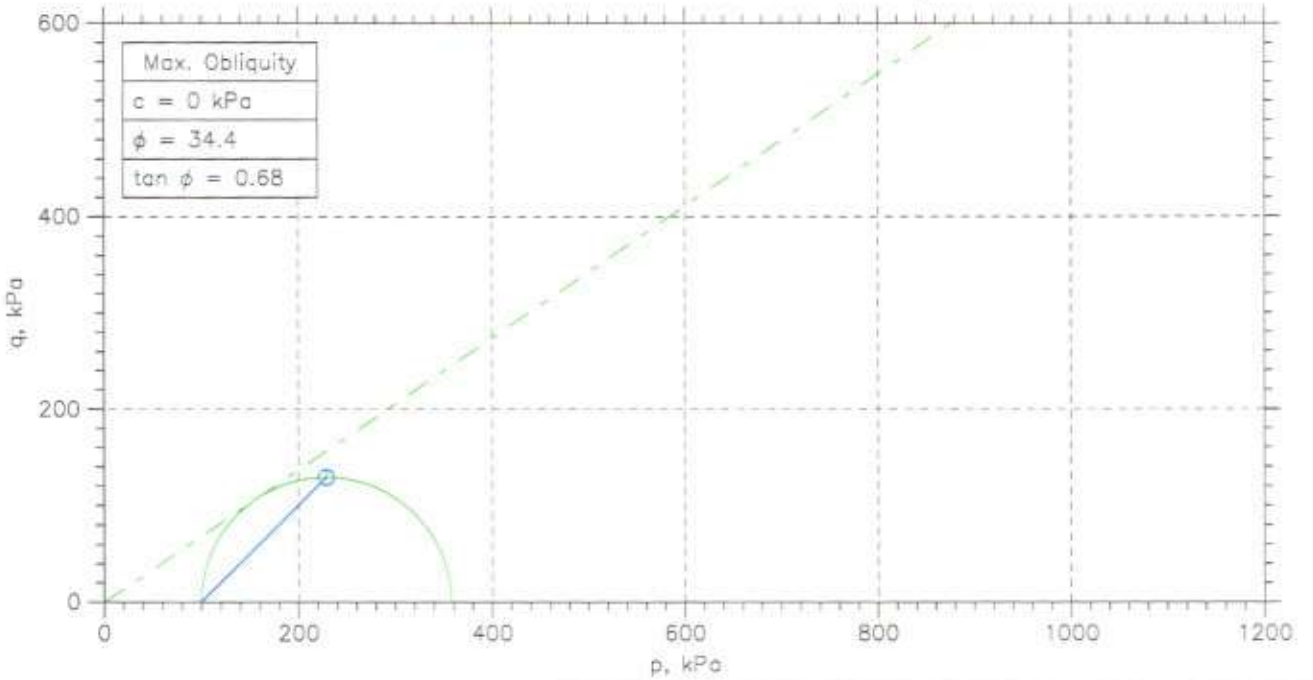
	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	S-1	CD-2	14-17 ft	njh	08/15/06	jdt		6868-CD2.dat

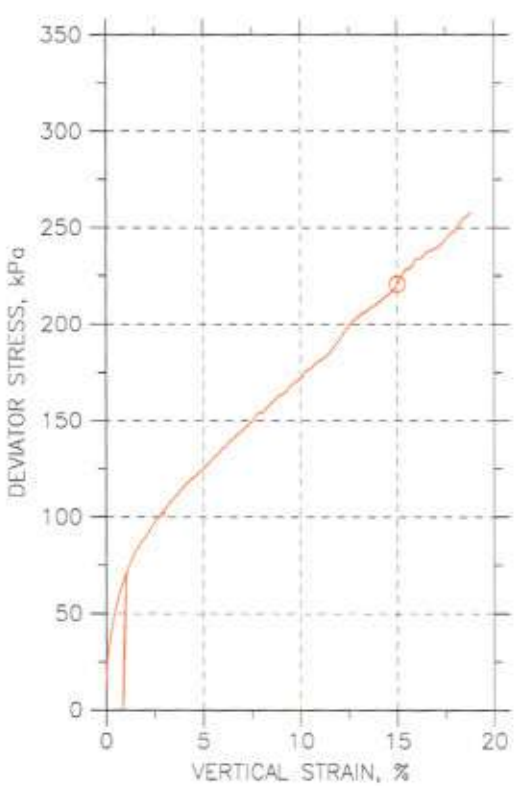
GeoTesting express
a subsidiary of Geocomp Corporation

Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
Boring No.: B-4	Sample Type: tube	
Description: Moist, brown clay		
Remarks: System K		

Fri, 20-OCT-2006 09:41:18

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110





Symbol		⊙			
Sample No.		S-2			
Test No.		CD-1			
Depth		19-22 ft			
Initial	Diameter, in	2.87			
	Height, in	6.2			
	Water Content, %	53.3			
	Dry Density, pcf	55.51			
	Saturation, %	69.0			
	Void Ratio	2.19			
Before Shear	Water Content, %	67.0			
	Dry Density, pcf	57.11			
	Saturation*, %	90.5			
	Void Ratio	2.1			
	Back Press., kPa	441.2			
Ver. Eff. Cons. Stress, kPa		99.84			
Shear Strength, kPa		110.4			
Strain at Failure, %		15			
Strain Rate, %/min		0.01			
B-Value		0.95			
Measured Specific Gravity		2.84			
Liquid Limit		---			
Plastic Limit		---			

GeoTesting express
a subsidiary of Geotechnic Corporation

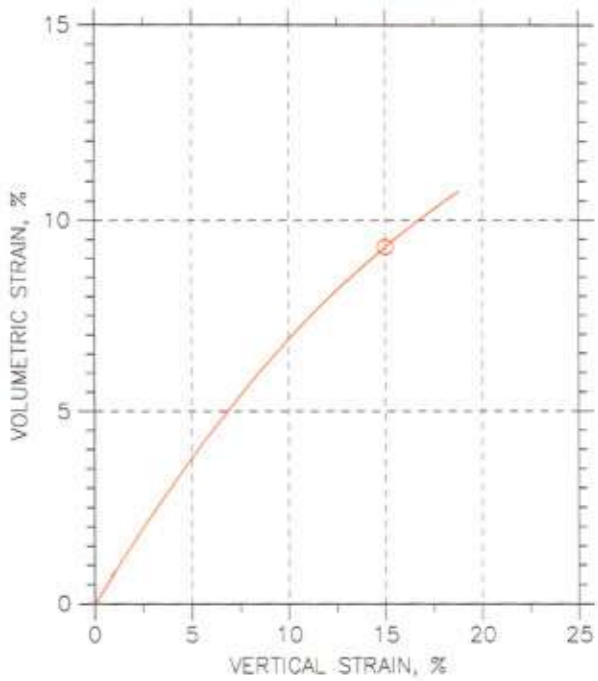
Project: Caridad del Cobre				
Location: Bayamon, PR				
Project No.: GTX-6868				
Boring No.: B-4				
Sample Type: tube				
Description: Moist, red clay				
Remarks: System K				

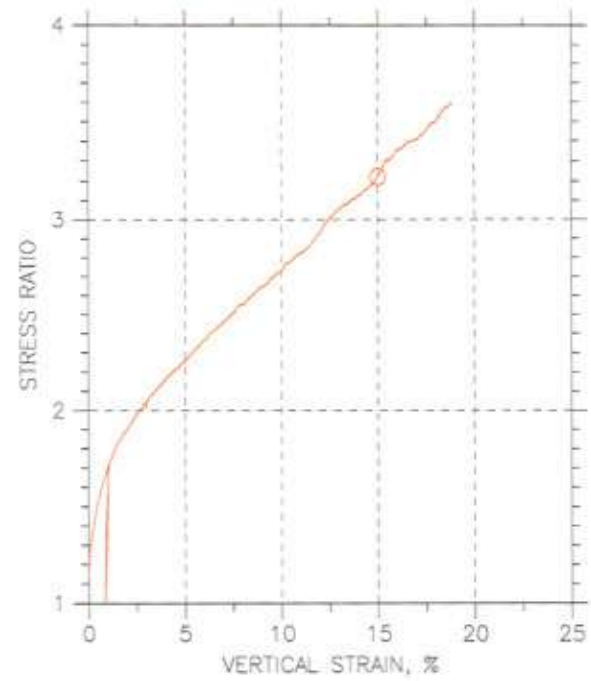
Fri, 20-OCT-2006 09:38:42

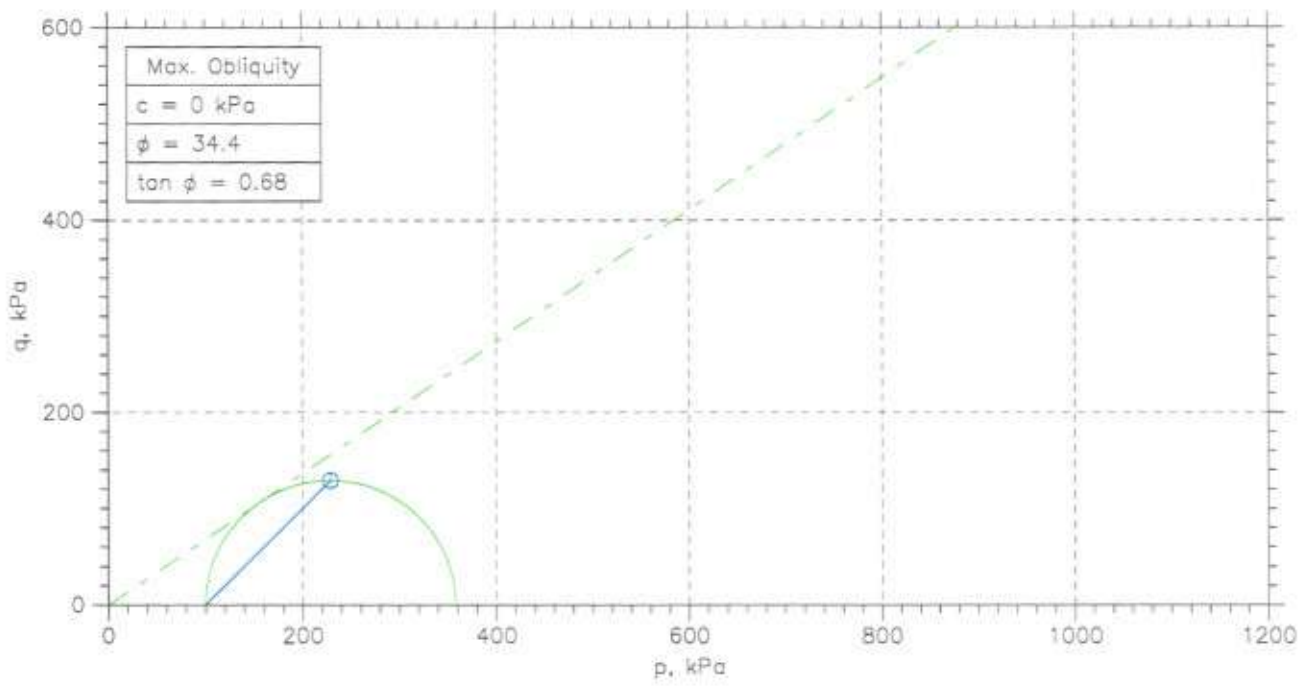
Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

CONSOLIDATED DRAINED TRIAXIAL TEST by COE 1110







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	S-2	CD-1	19-22 ft	njh	08/09/06	jdt		6868-CD1.dat

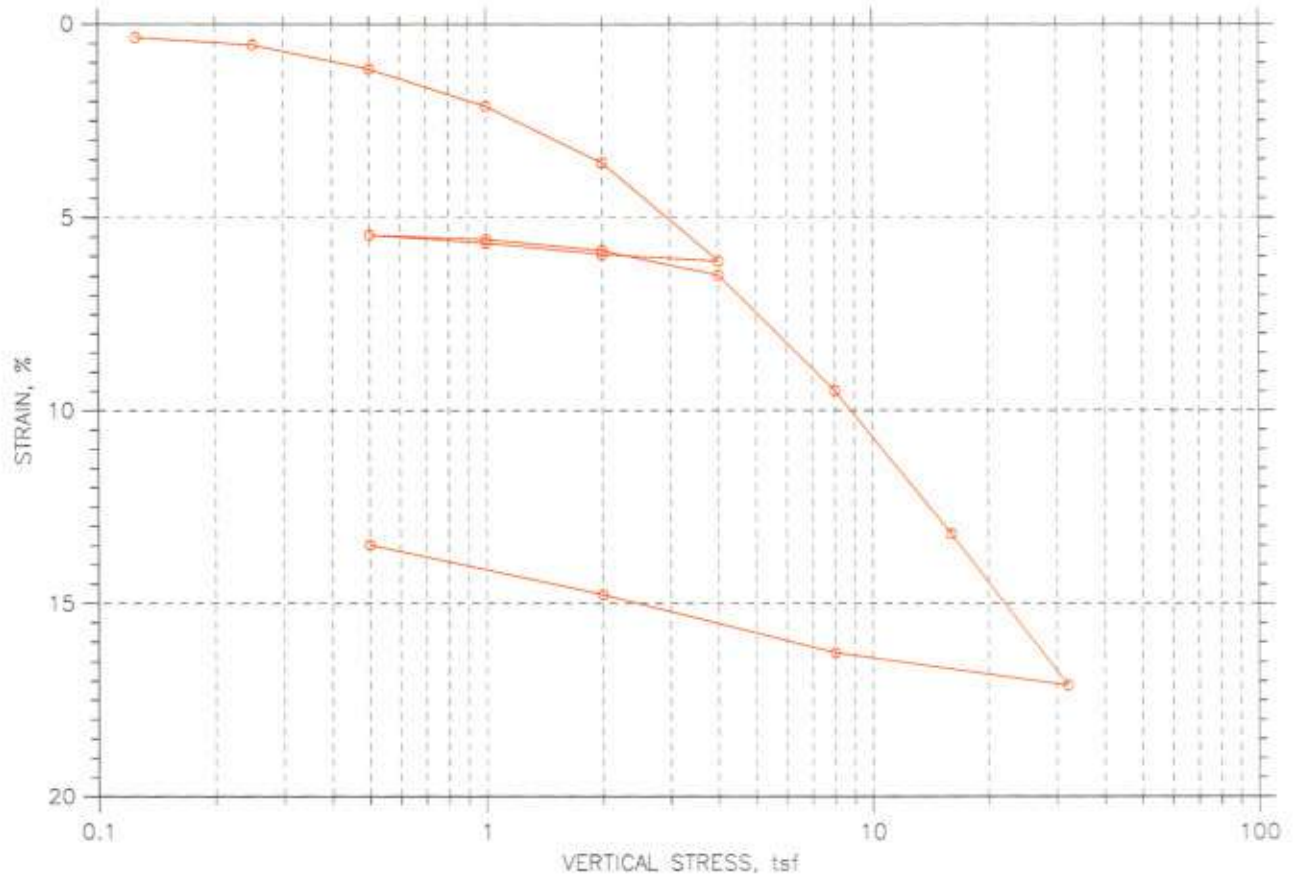
GeoTesting express
a subsidiary of Geocomp Corporation

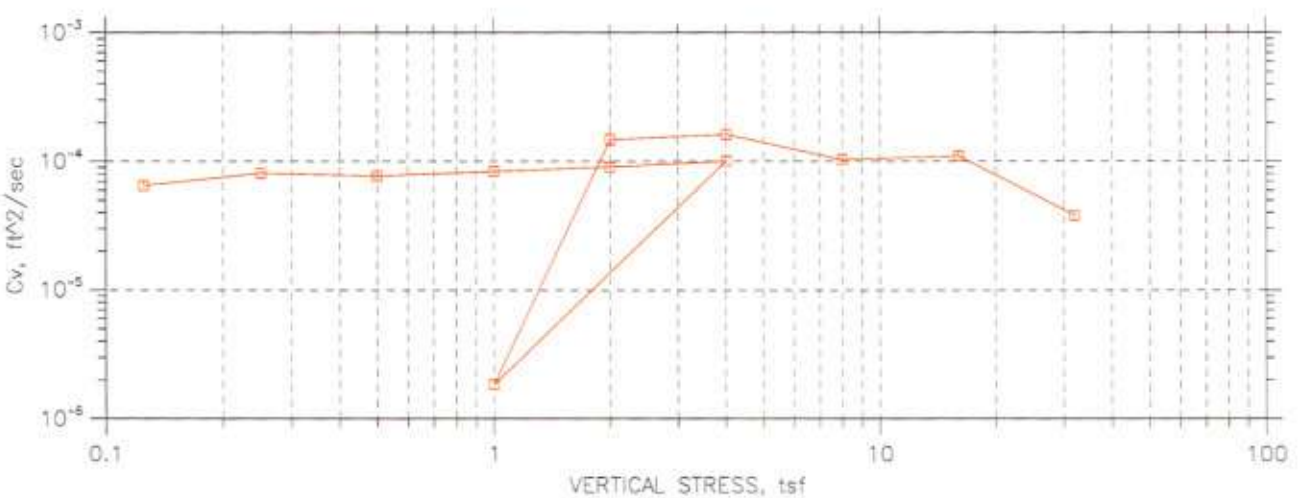
Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
Boring No.: B-4	Sample Type: tube	
Description: Moist, red clay		
Remarks: System K		

Fri, 20-OCT-2006 09:40:26

CONSOLIDATION TEST DATA

SUMMARY REPORT



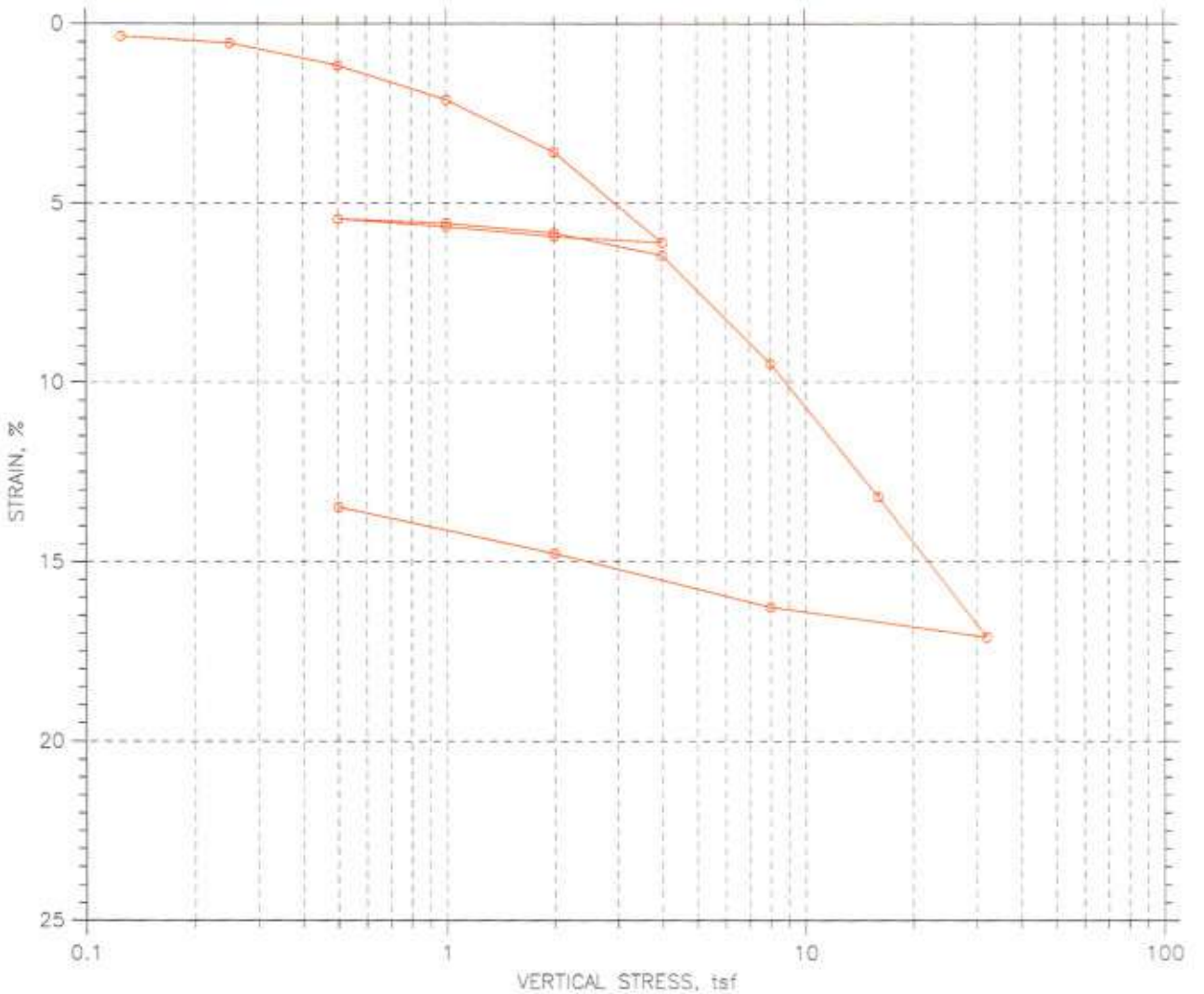


GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

Fri, 20-OCT-2006 09:34:26

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	38.14	34.85
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	76.54	88.47
Compression Index: ---				Saturation, %	83.19	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.28	0.98
LL: ---	PL: ---	PI: ---	GS: 2.80			

GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: ma	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

Fri, 20-OCT-2006 09:34:26

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-3
Sample No.: S-1
Test No.: C-2

Location: Bayamon, PR
Tested By: md
Test Date: 08/03/06
Sample Type: tube

Project No.: GTX-6868
Checked By: jdt
Depth: 6-9 ft
Elevation: ---

Soil Description: Moist, yellowish red clay
Remarks: System K

Measured Specific Gravity: 2.80
Initial Void Ratio: 1.28
Final Void Ratio: 0.98

Liquid Limit: ---
Plastic Limit: ---
Plasticity Index: ---

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Jewel	RING		2178c
Wt. Container + Wet Soil, gm	285.85	352.86	349.62	142.5
Wt. Container + Dry Soil, gm	209.39	315.25	315.25	107.83
Wt. Container, gm	8.19	216.62	216.62	8.35
Wt. Dry Soil, gm	201.2	98.627	98.627	99.48
Water Content, %	38.00	38.14	34.85	34.85
Void Ratio	---	1.28	0.98	---
Degree of Saturation, %	---	83.19	100.00	---
Dry Unit Weight, pcf	---	76.543	88.466	---

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-3
Sample No.: S-1
Test No.: C-2

Location: Bayamon, PR
Tested By: md
Test Date: 08/03/06
Sample Type: tube

Project No.: GTX-6868
Checked By: jdt
Depth: 6-9 ft
Elevation: ---

Soil Description: Moist, yellowish red clay
Remarks: System K

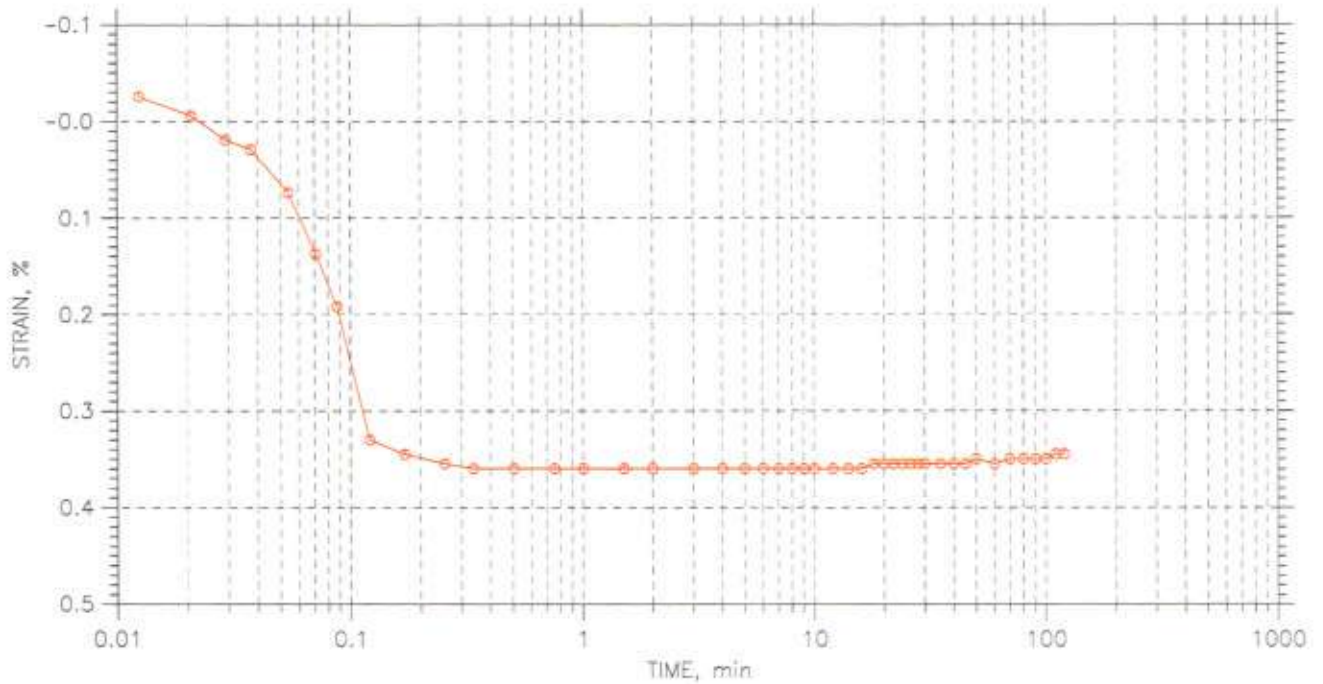
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.125	0.003449	1.276	0.34	0.1	0.0	6.51e-005	0.00e+000	6.51e-005
2	0.25	0.005359	1.271	0.54	0.1	0.0	8.14e-005	0.00e+000	8.14e-005
3	0.5	0.01165	1.257	1.17	0.1	0.0	7.73e-005	0.00e+000	7.73e-005
4	1	0.02119	1.235	2.12	0.1	0.1	8.49e-005	8.31e-005	8.40e-005
5	2	0.03587	1.202	3.59	0.1	0.1	8.58e-005	9.59e-005	9.06e-005
6	4	0.06121	1.144	6.12	0.1	0.0	9.42e-005	1.09e-004	1.01e-004
7	2	0.05949	1.148	5.95	0.0	0.0	2.78e-004	0.00e+000	2.78e-004
8	1	0.0566	1.154	5.66	0.0	0.0	1.57e-004	0.00e+000	1.57e-004
9	0.5	0.05444	1.159	5.44	0.0	0.0	1.11e-004	0.00e+000	1.11e-004
10	1	0.05566	1.157	5.57	2.7	0.0	1.86e-006	0.00e+000	1.86e-006
11	2	0.0585	1.150	5.85	0.0	0.0	1.48e-004	0.00e+000	1.48e-004
12	4	0.06482	1.136	6.48	0.0	0.0	1.62e-004	0.00e+000	1.62e-004
13	8	0.09488	1.067	9.49	0.0	0.0	1.06e-004	1.01e-004	1.04e-004
14	16	0.132	0.982	13.20	0.1	0.0	8.82e-005	1.47e-004	1.10e-004
15	32	0.1711	0.893	17.11	0.1	0.0	3.81e-005	0.00e+000	3.81e-005
16	8	0.1627	0.912	16.27	0.0	0.0	1.80e-004	0.00e+000	1.80e-004
17	2	0.1477	0.946	14.77	0.5	0.0	8.22e-006	0.00e+000	8.22e-006
18	0.5	0.1348	0.976	13.48	1.6	1.6	2.70e-006	2.65e-006	2.67e-006

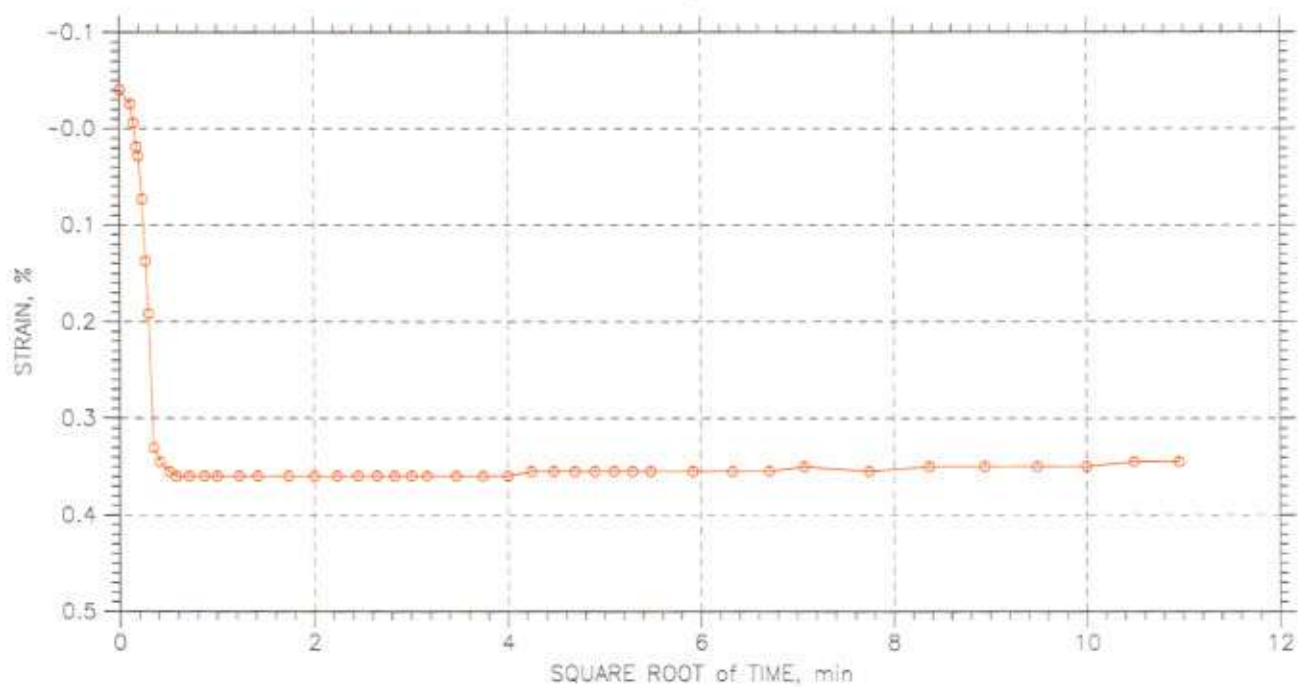
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 18

Stress: 0.125 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

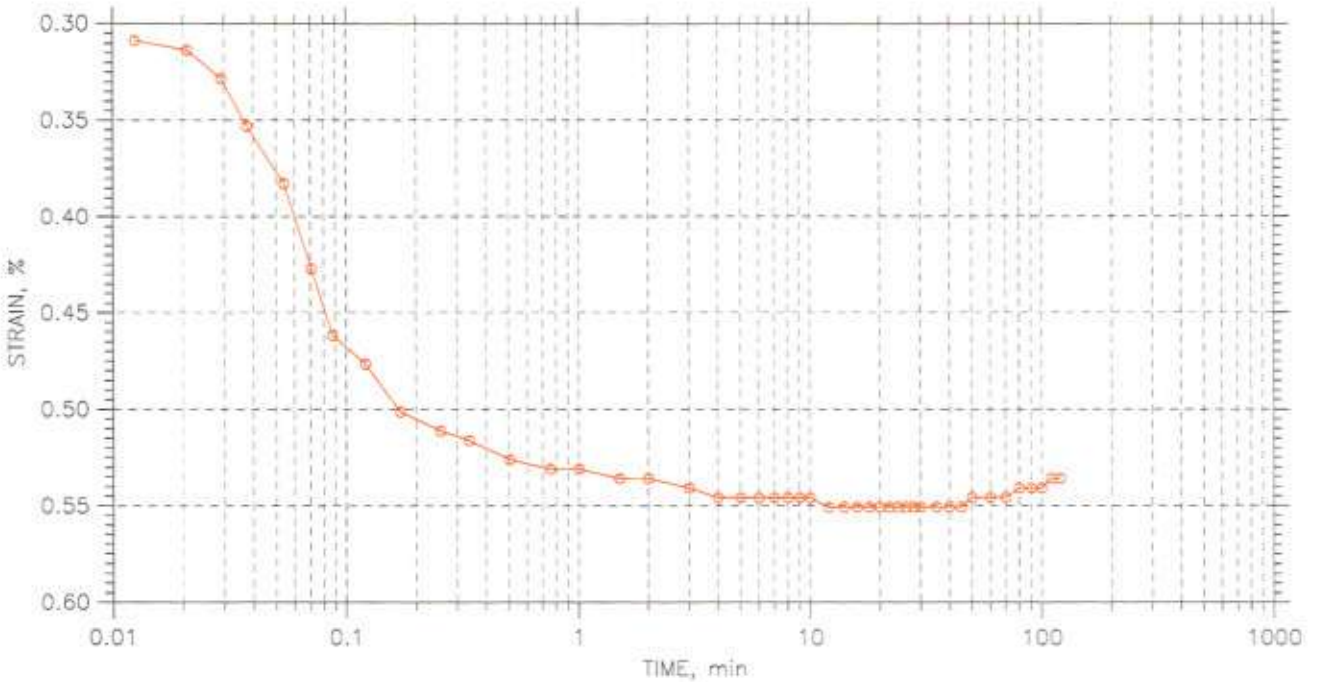
Fri, 20-OCT-2006 09:34:26

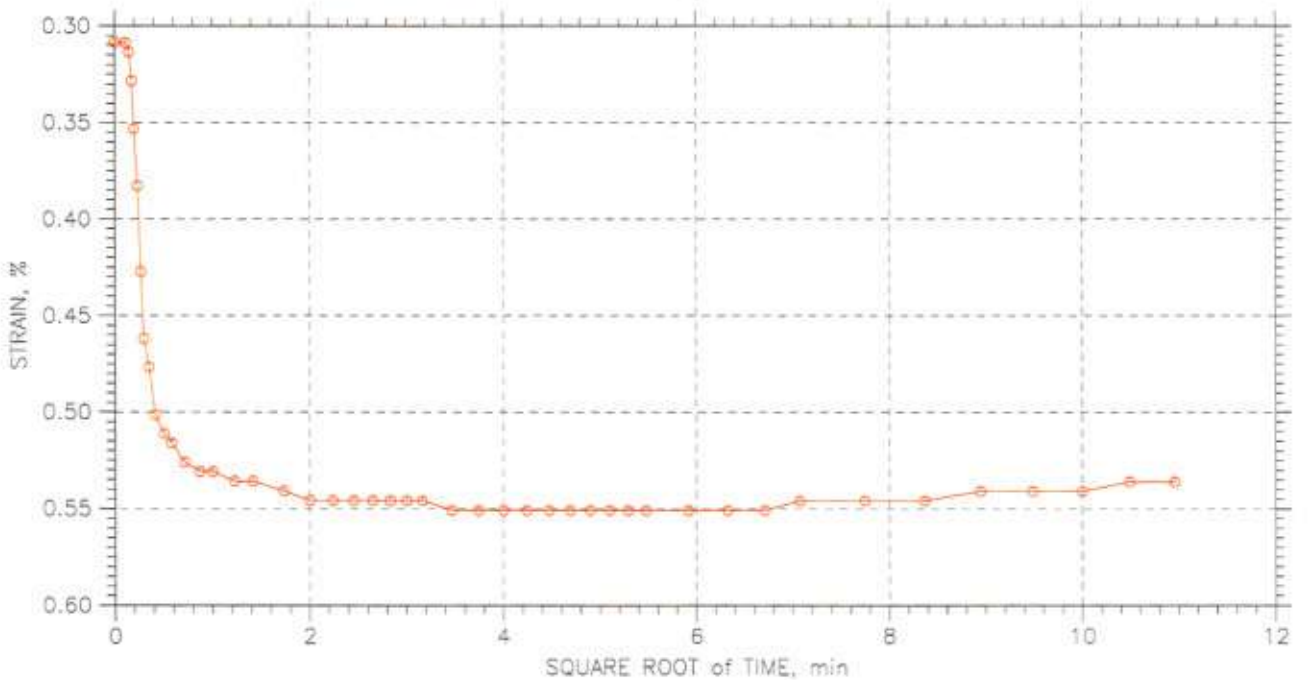
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 18

Stress: 0.25 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

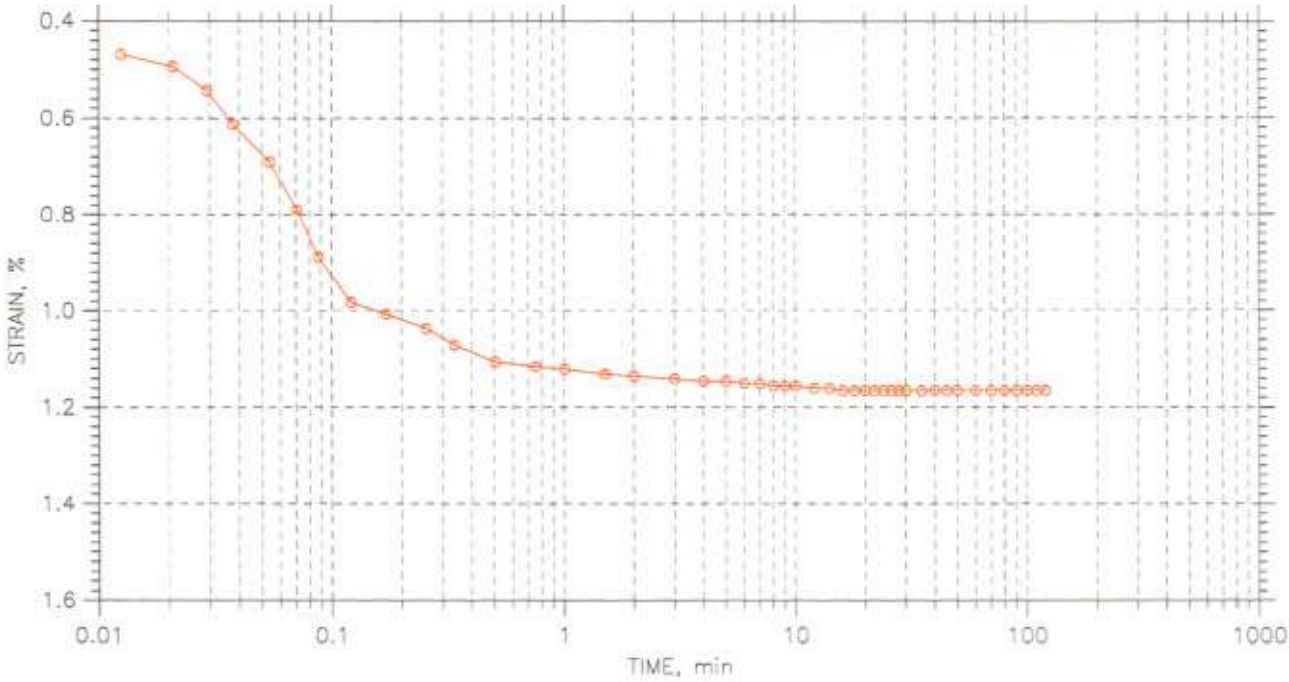
Fri, 20-OCT-2006 09:34:26

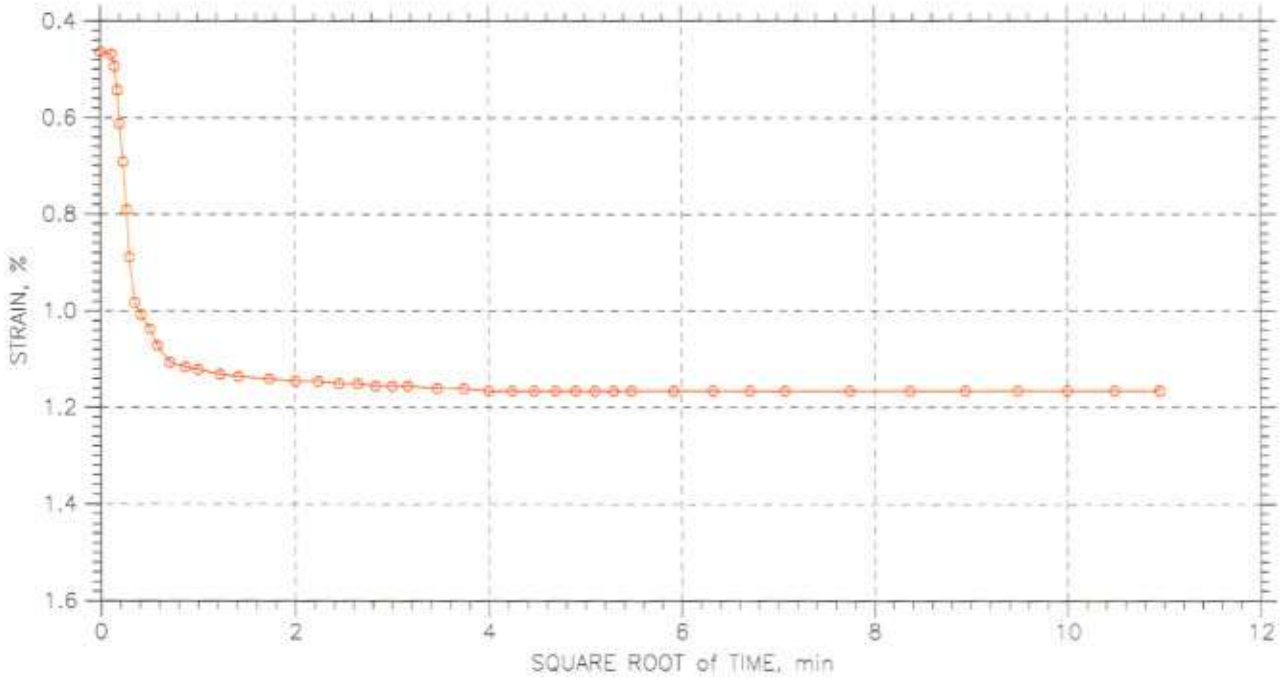
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

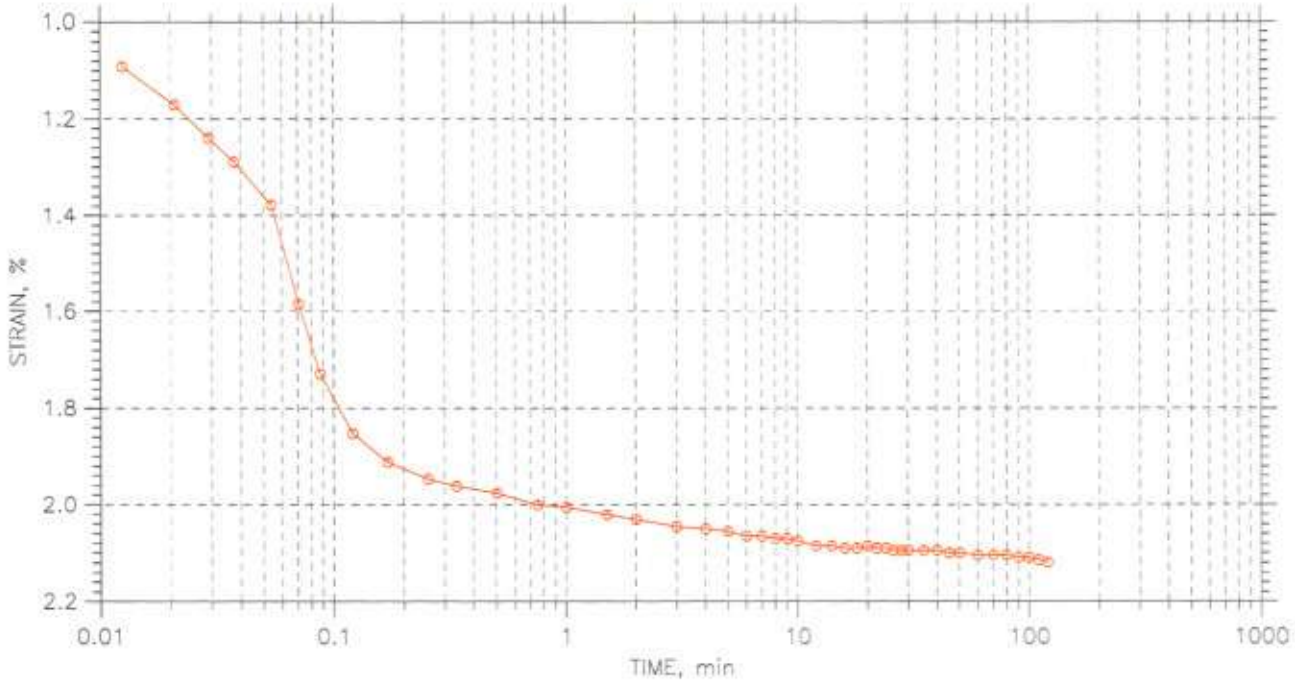
Fri, 20-OCT-2006 09:34:26

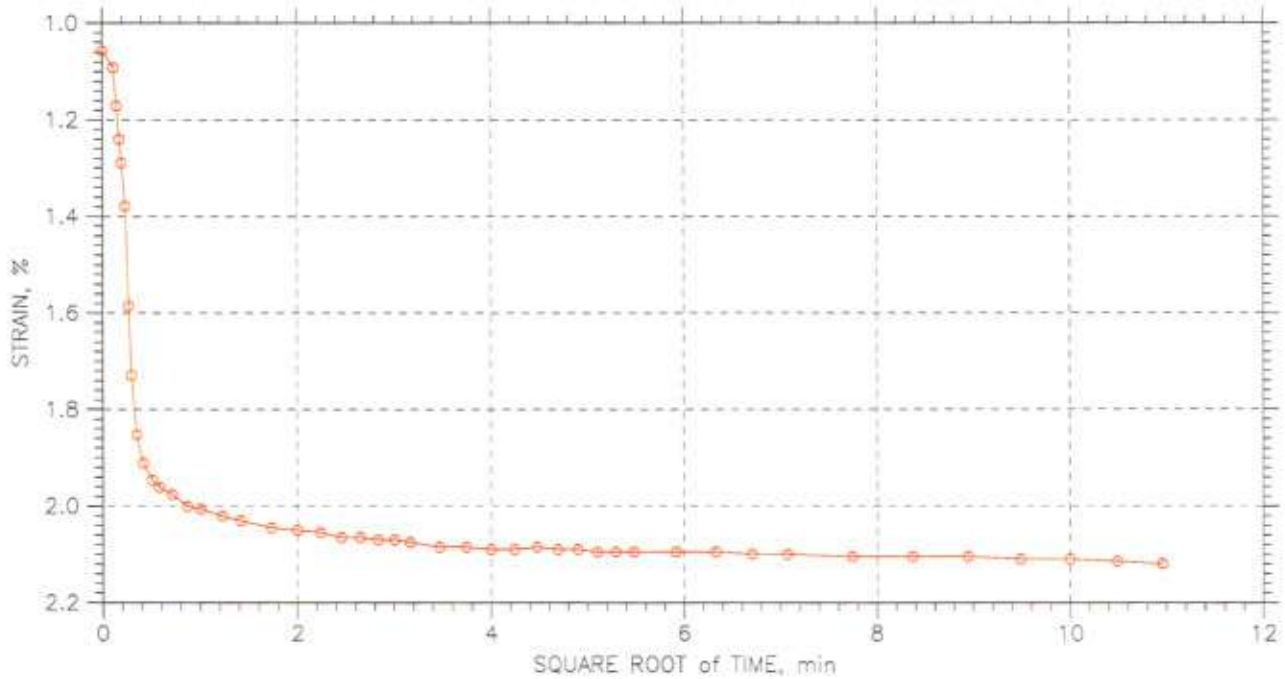
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

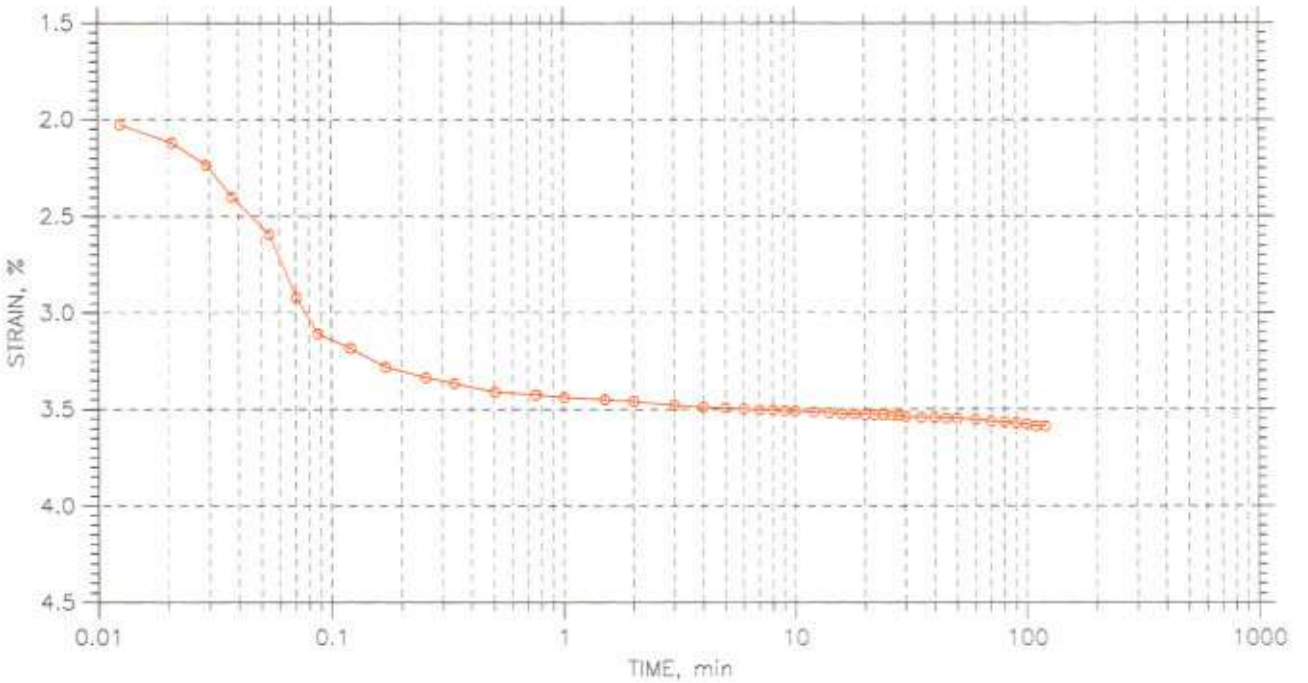
Fri, 20-OCT-2006 09:34:26

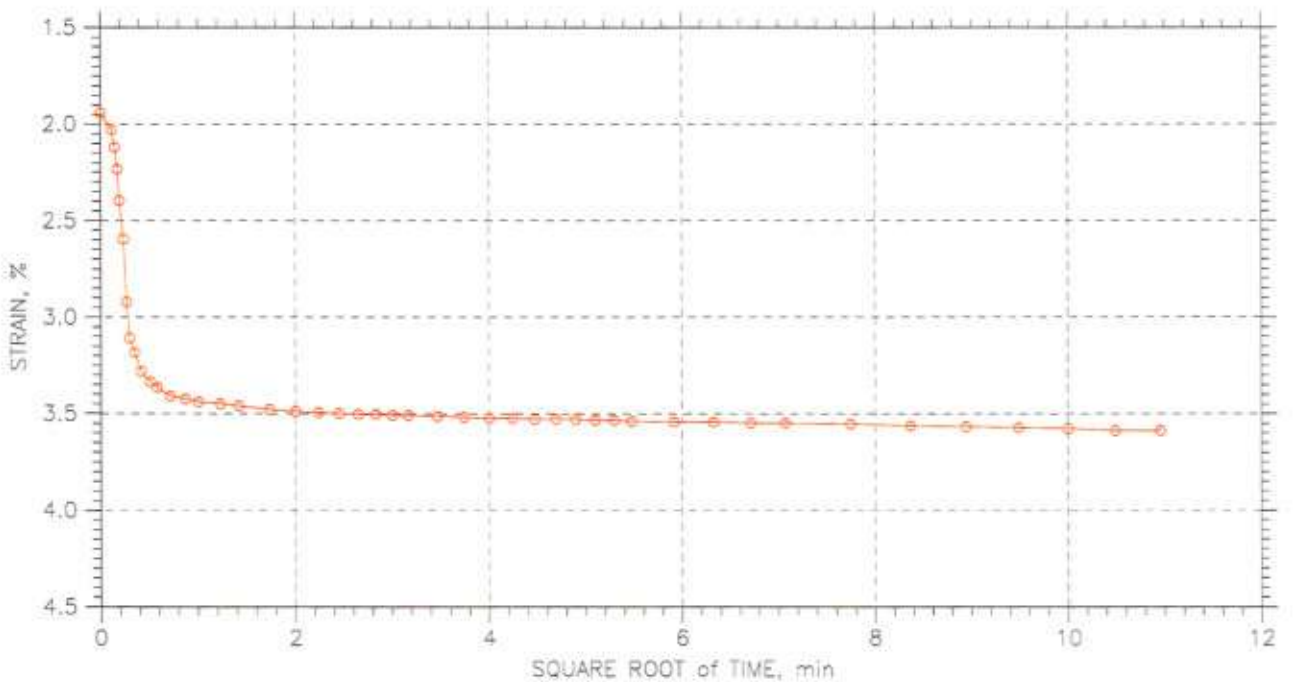
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 18

Stress: 2. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

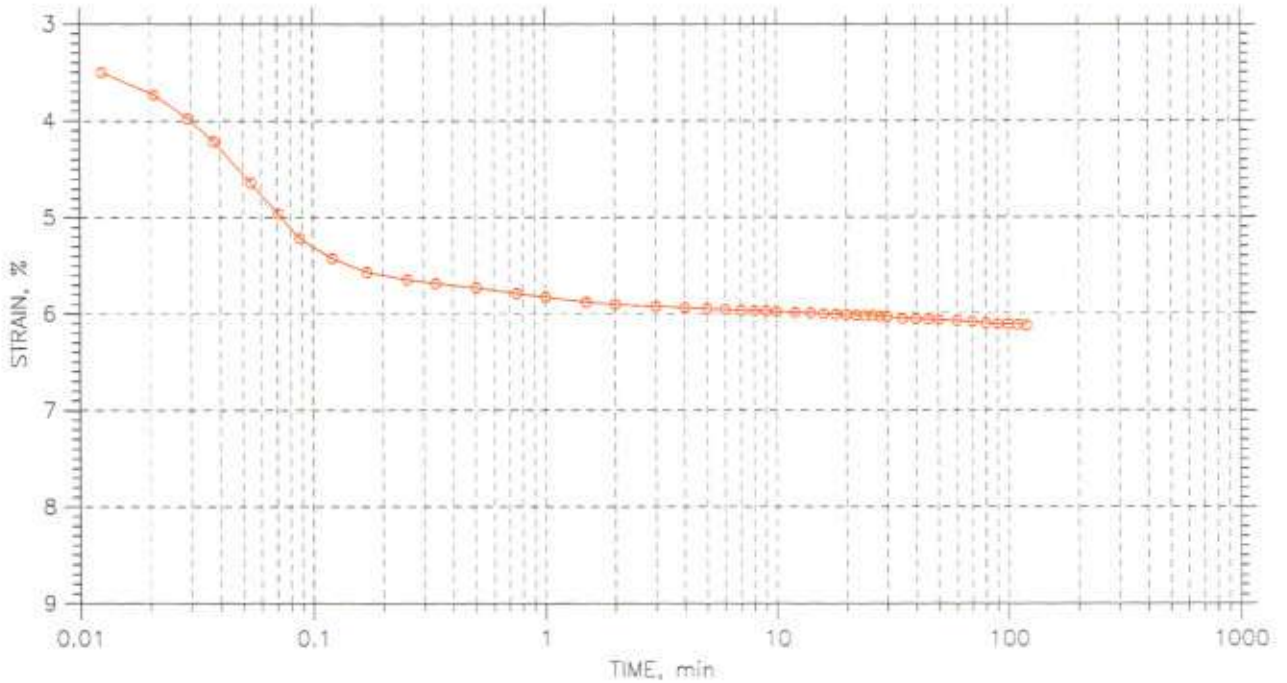
Fri, 20-OCT-2006 09:34:26

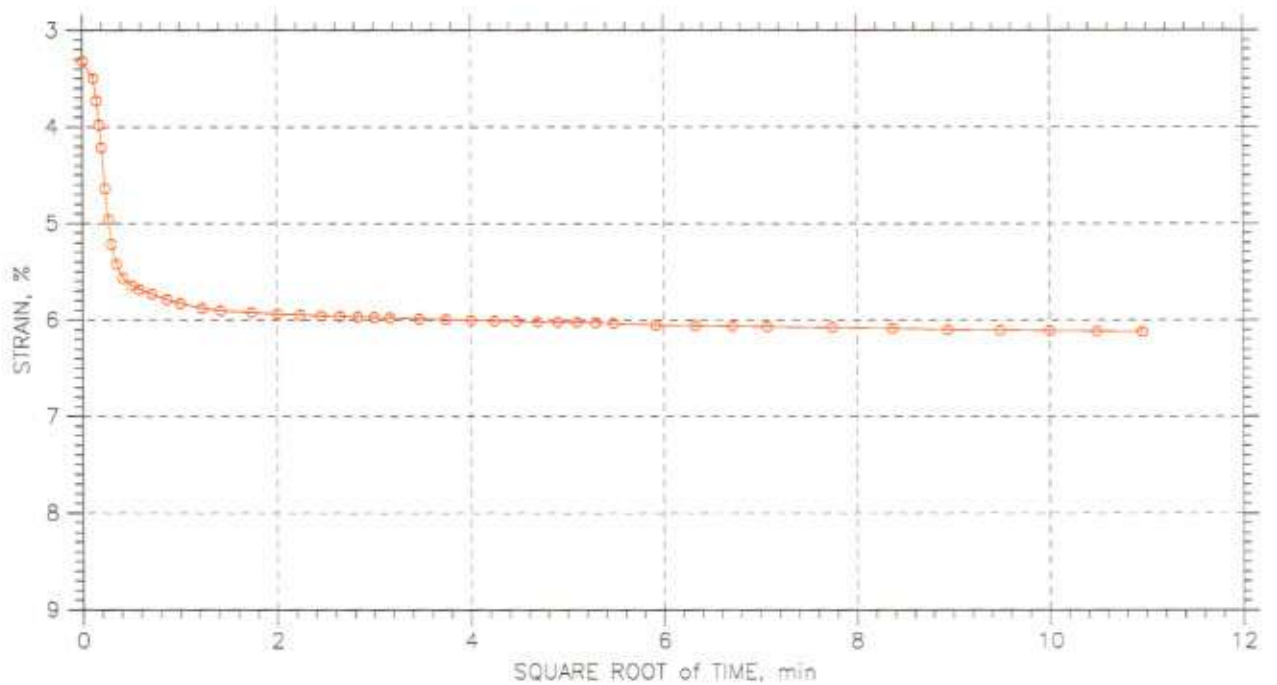
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 18

Stress: 4. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

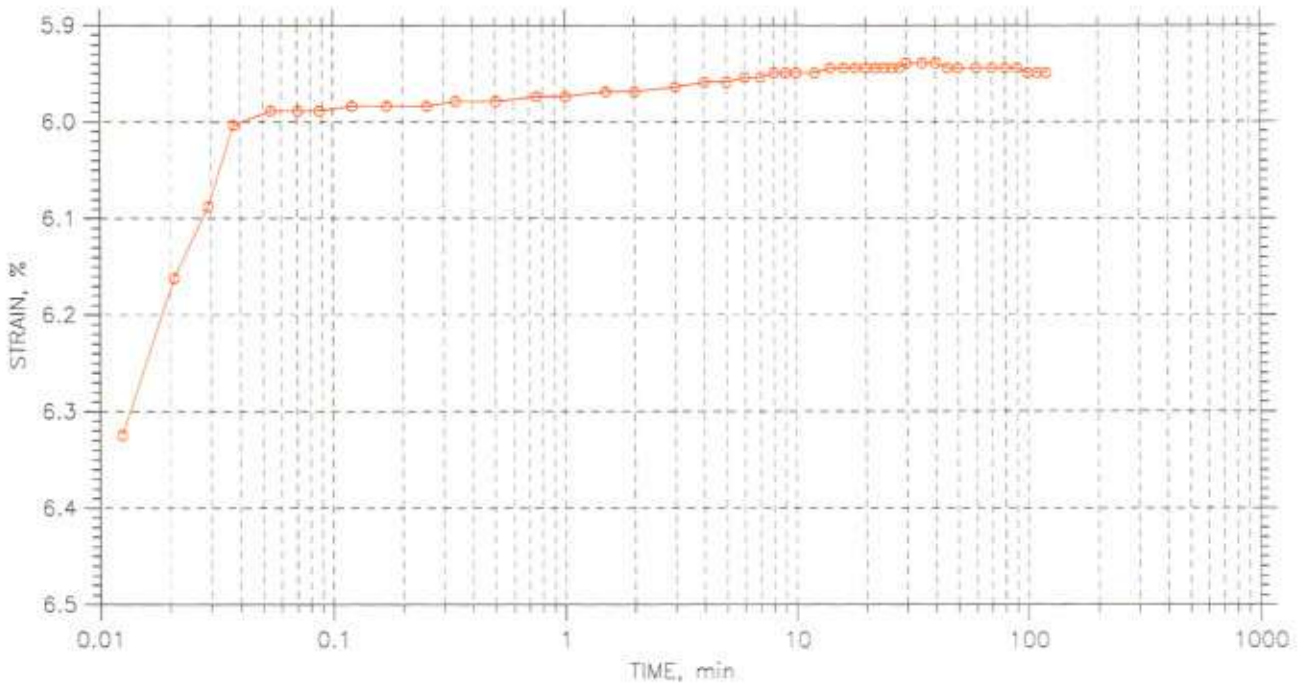
Fri, 20-OCT-2006 09:34:26

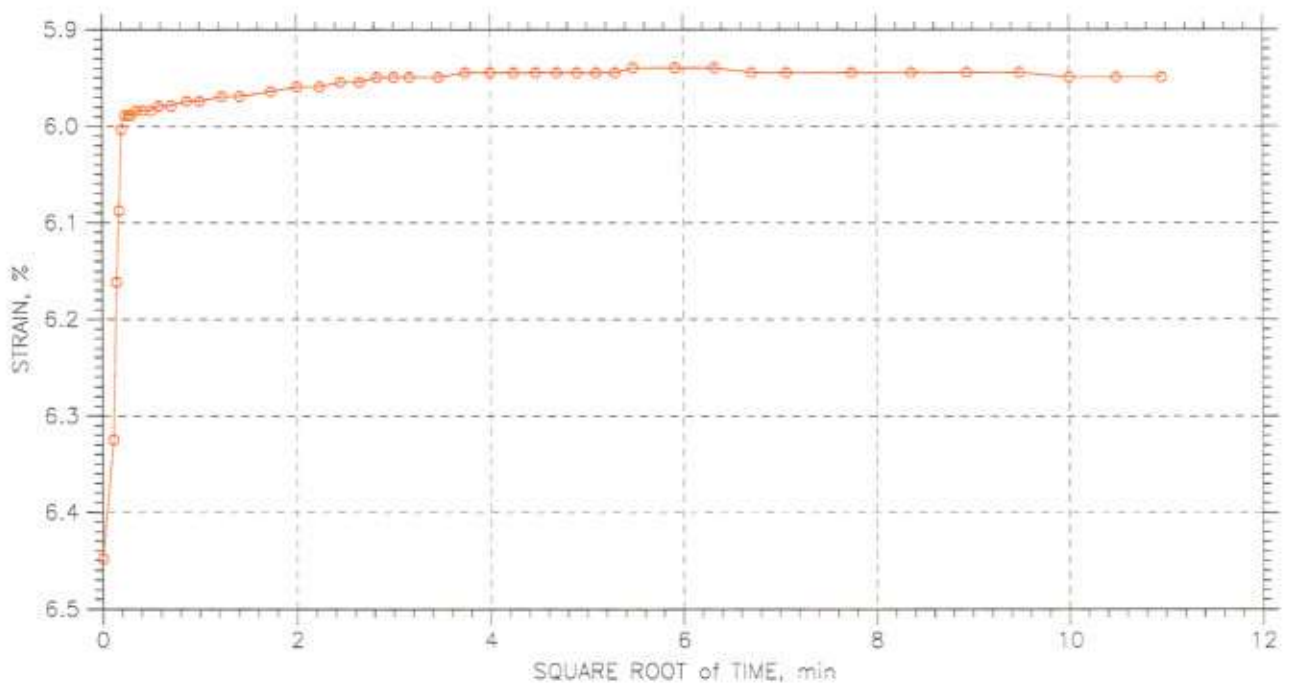
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

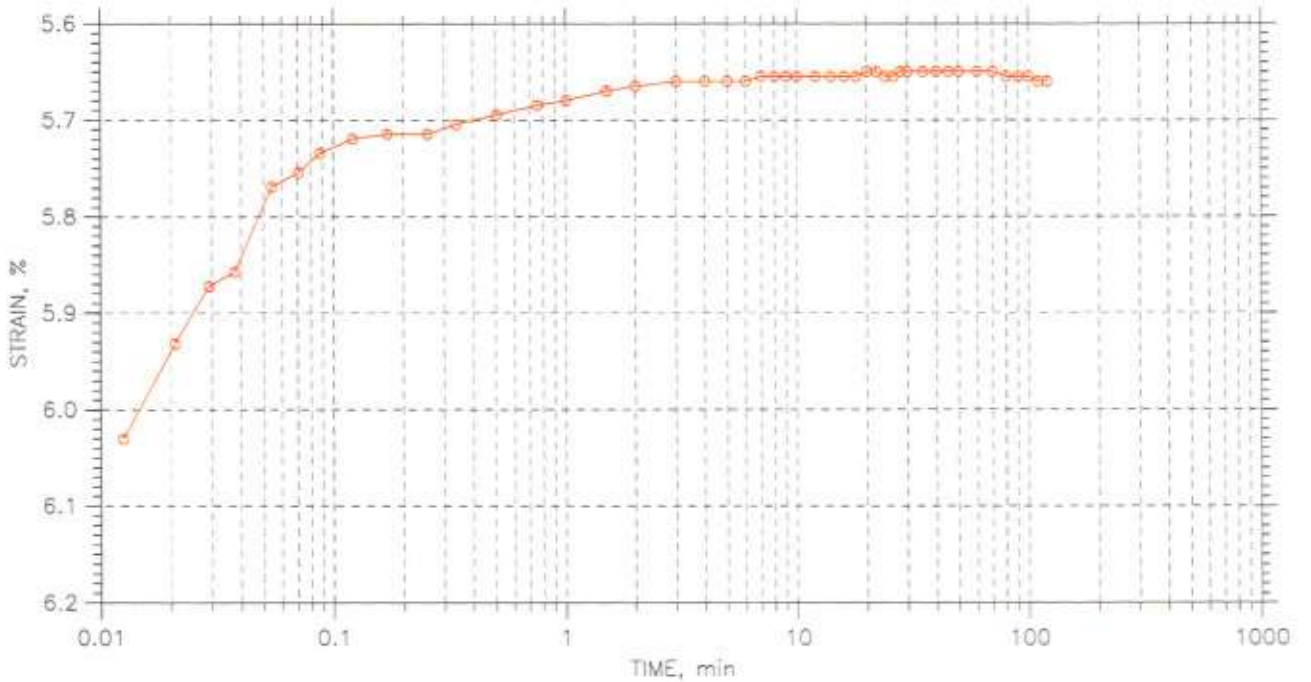
Fri, 20-OCT-2006 09:34:26

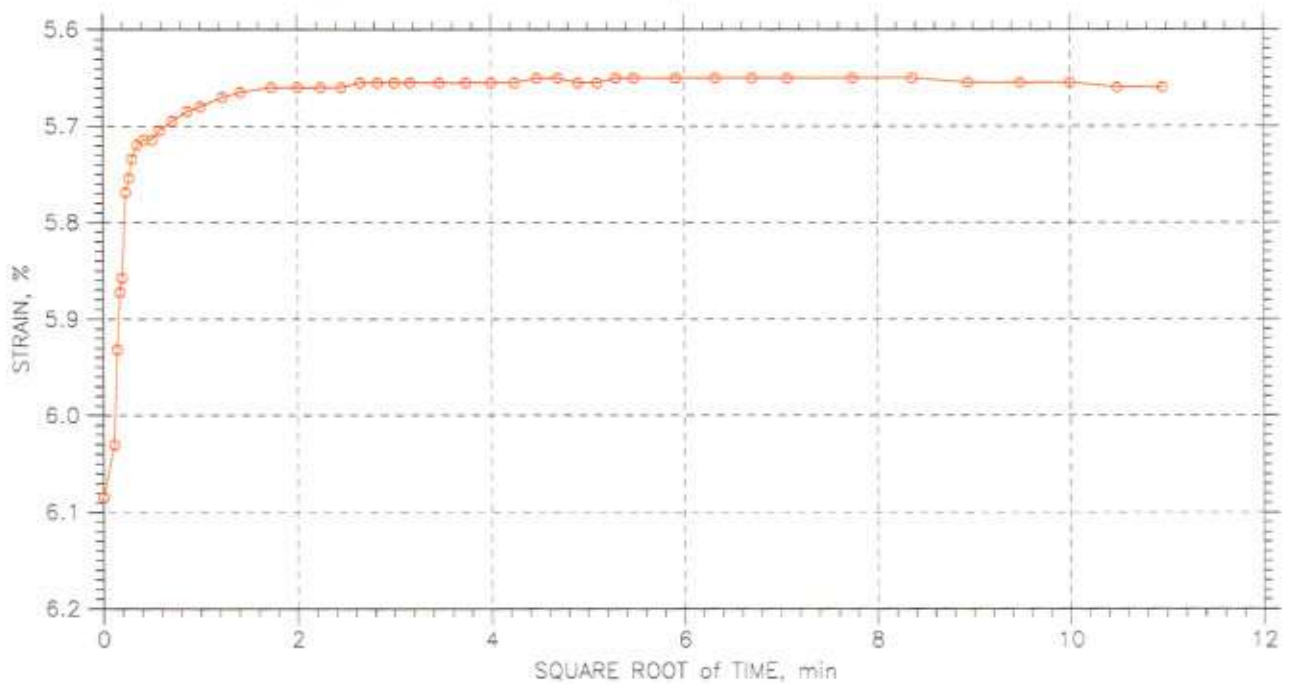
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 18

Stress: 1. tsf





GeoTesting express (a subsidiary of Geotesting Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

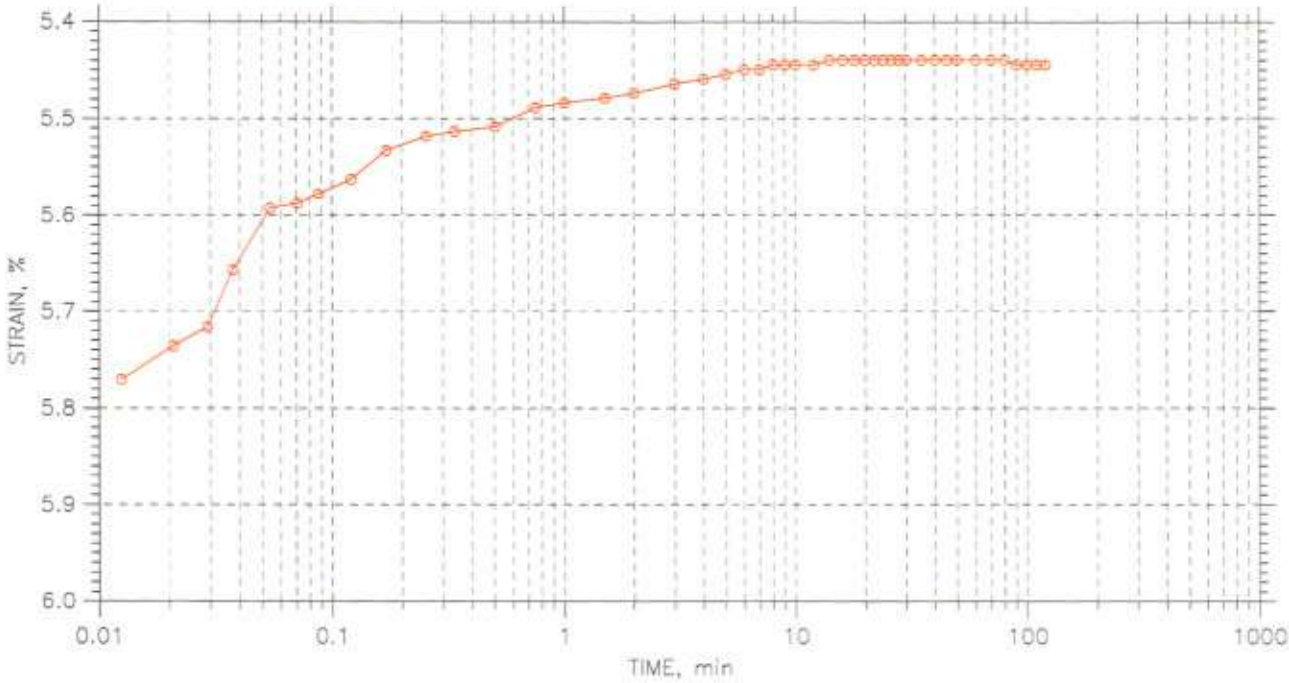
Fri, 20-OCT-2006 09:34:26

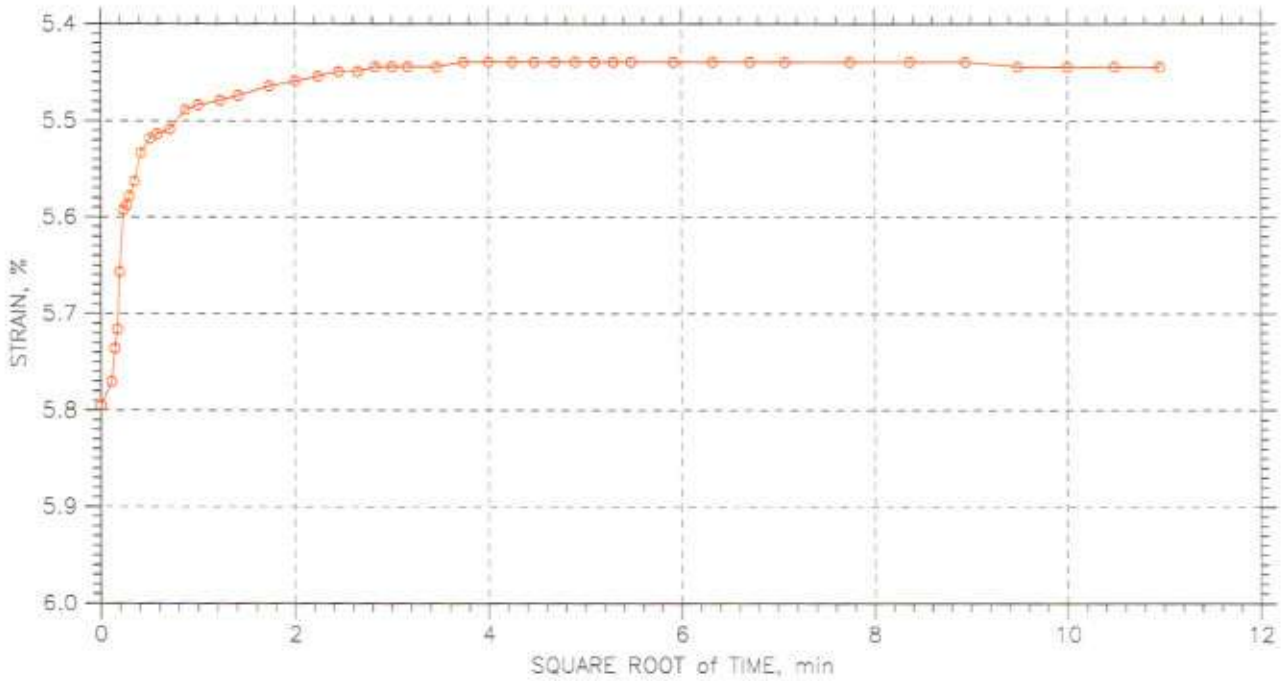
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

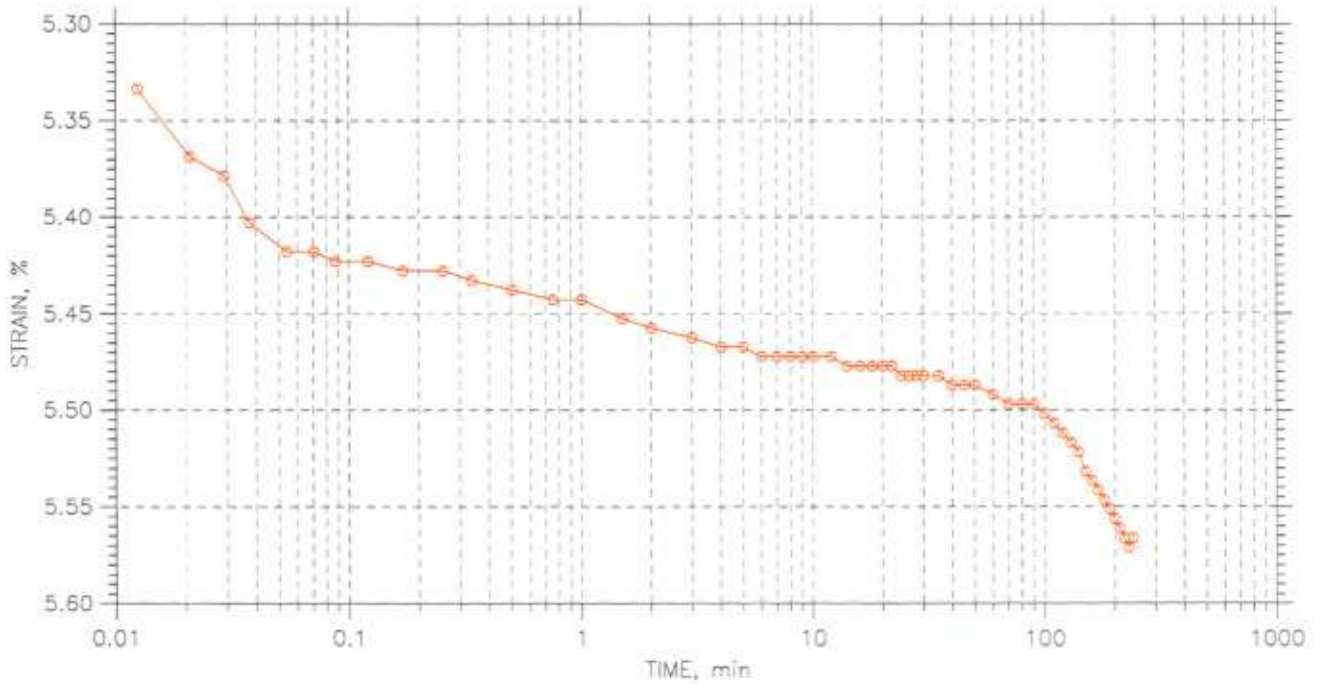
Fri, 20-OCT-2006 09:34:26

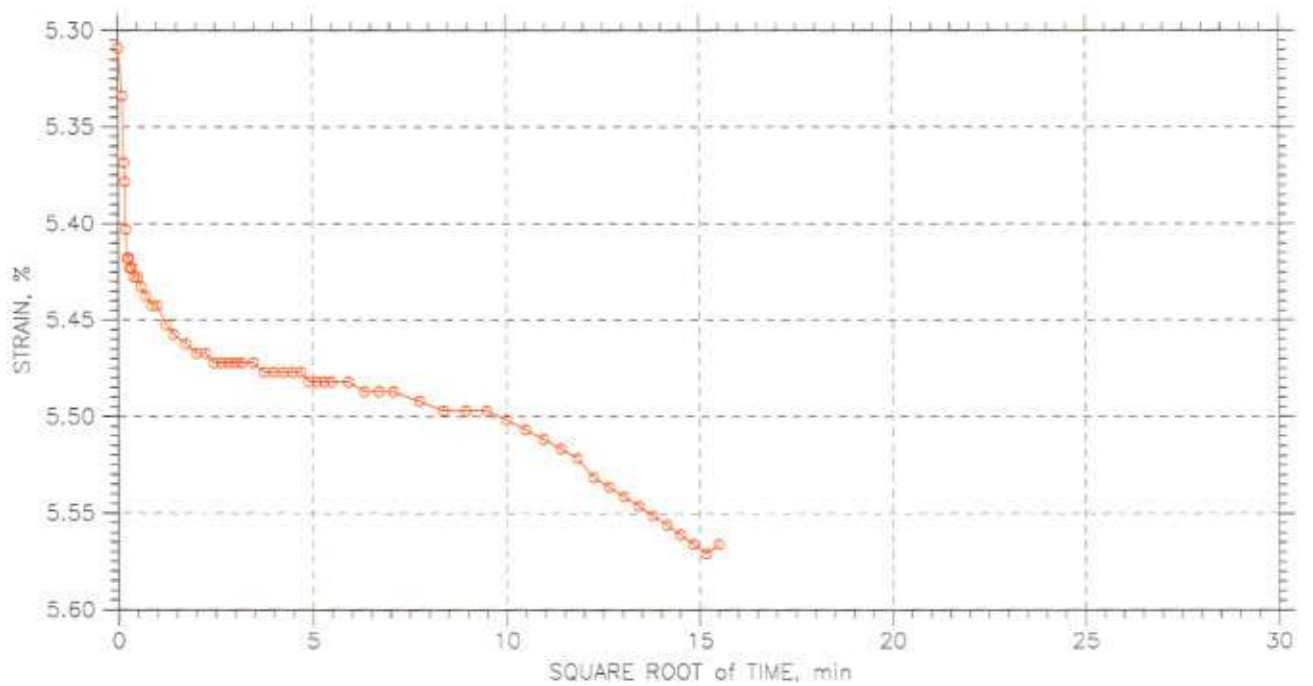
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

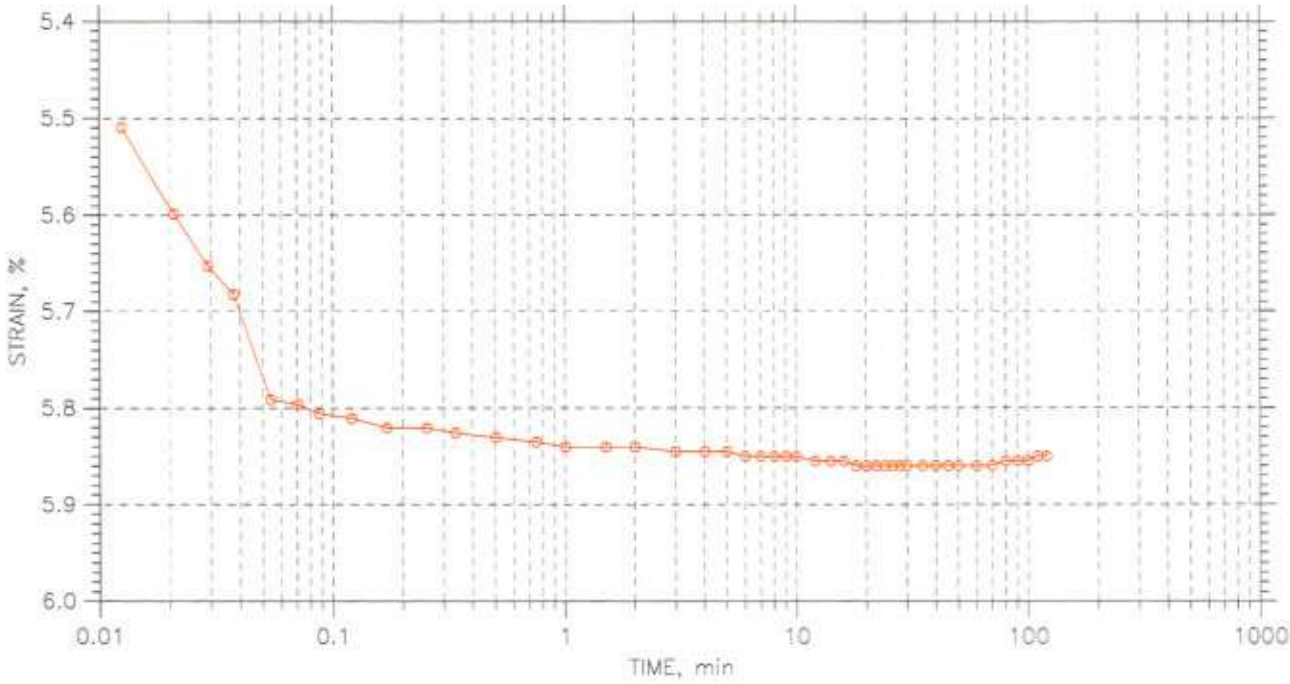
Fri, 20-OCT-2006 09:34:26

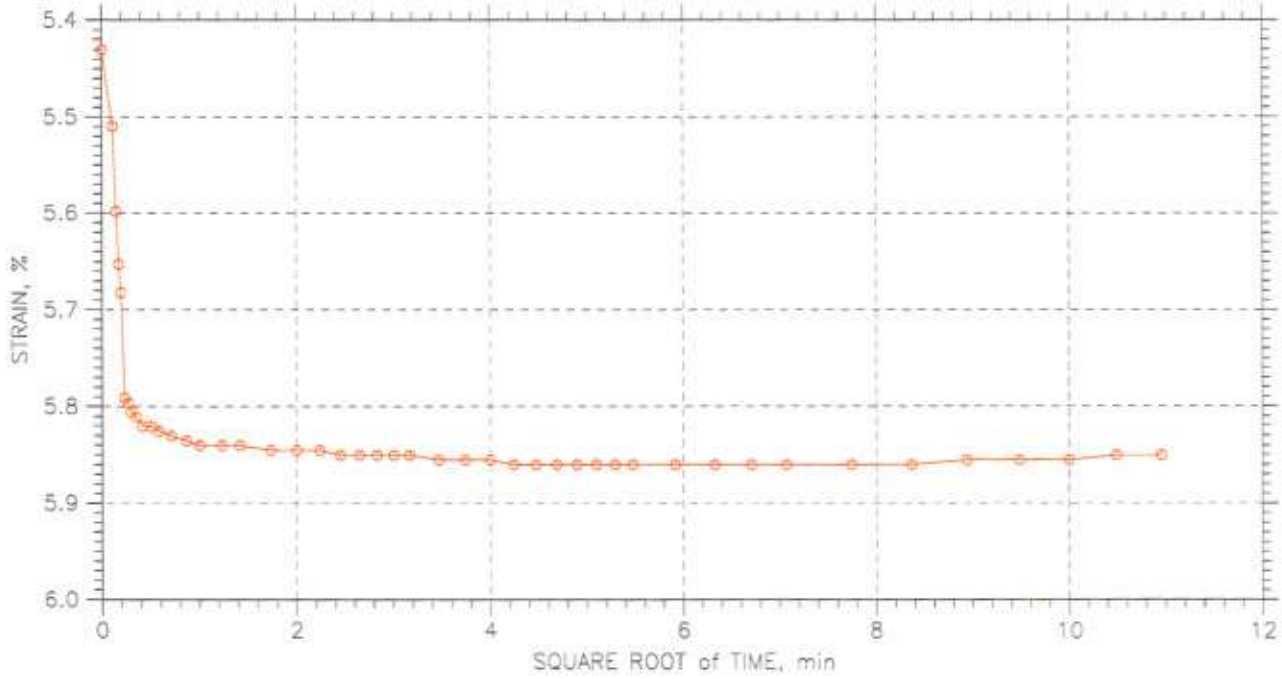
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

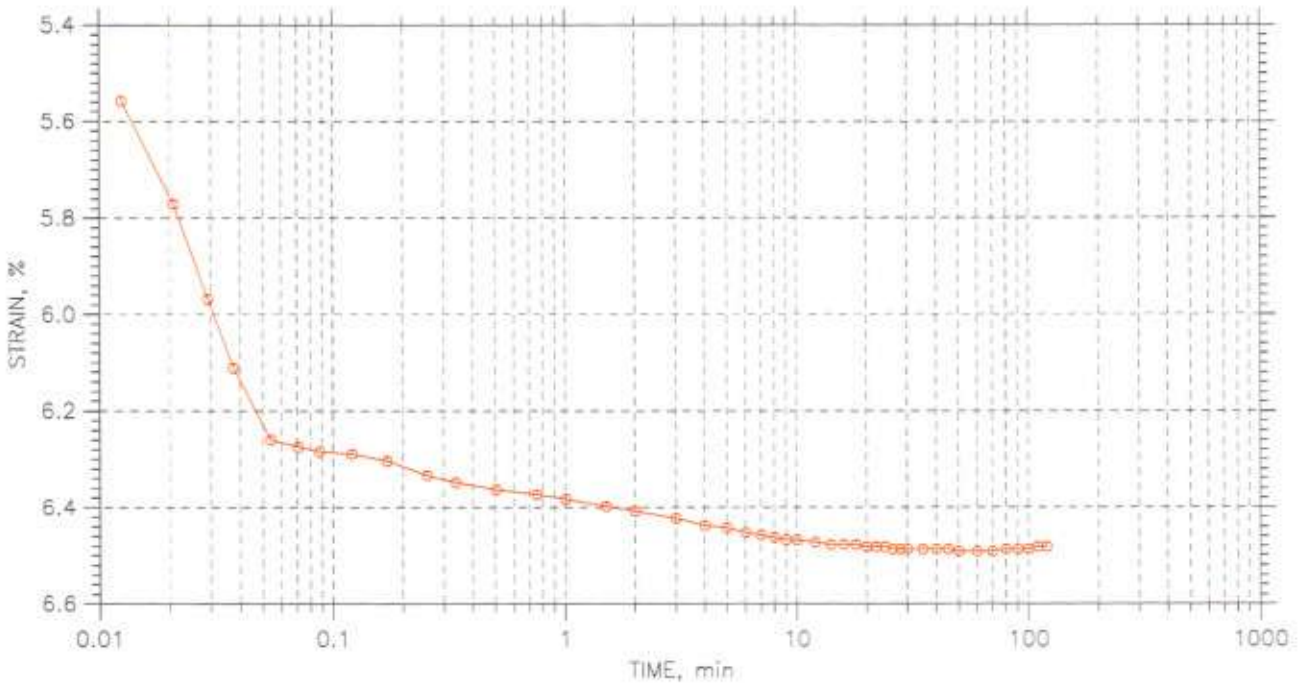
Fri, 20-OCT-2006 09:34:26

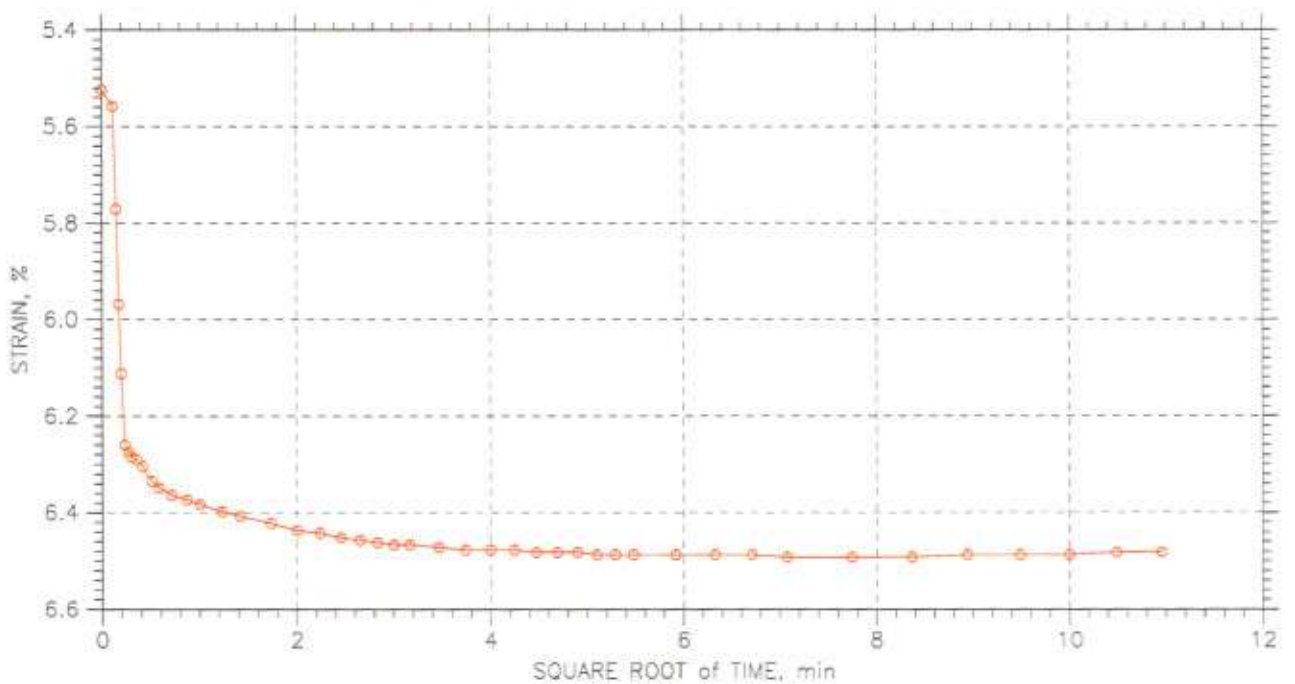
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 18

Stress: 4. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

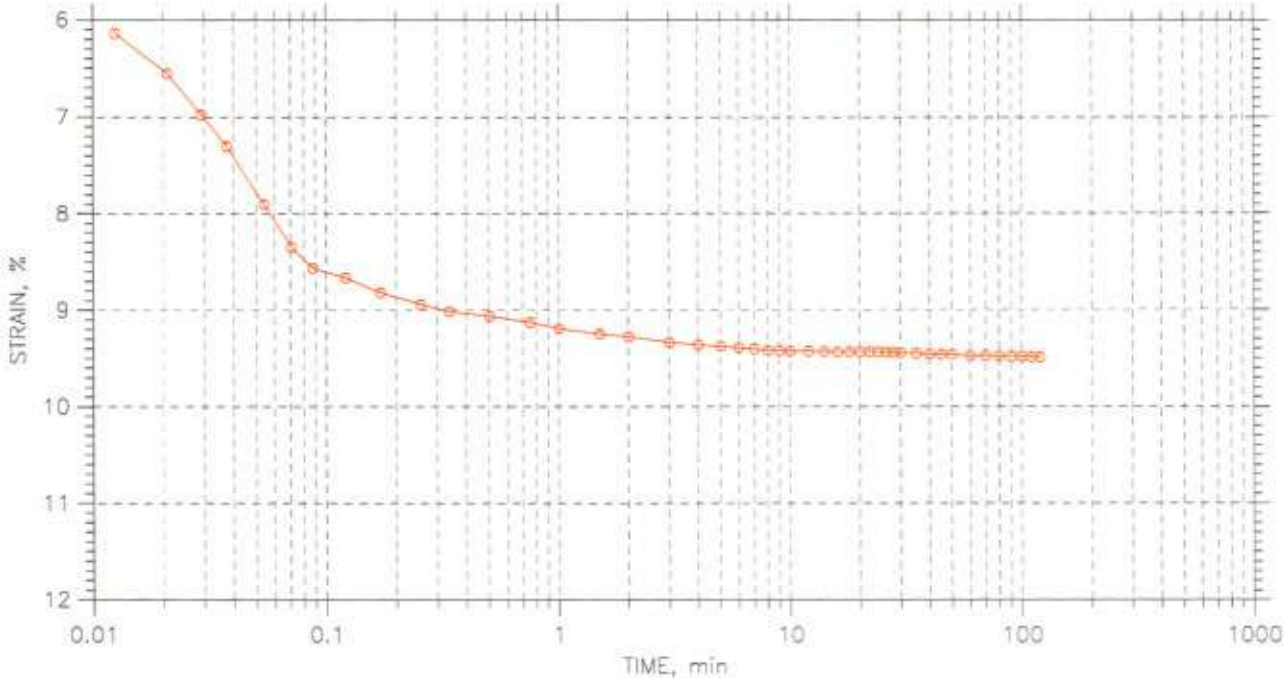
Fri, 20-OCT-2006 09:34:26

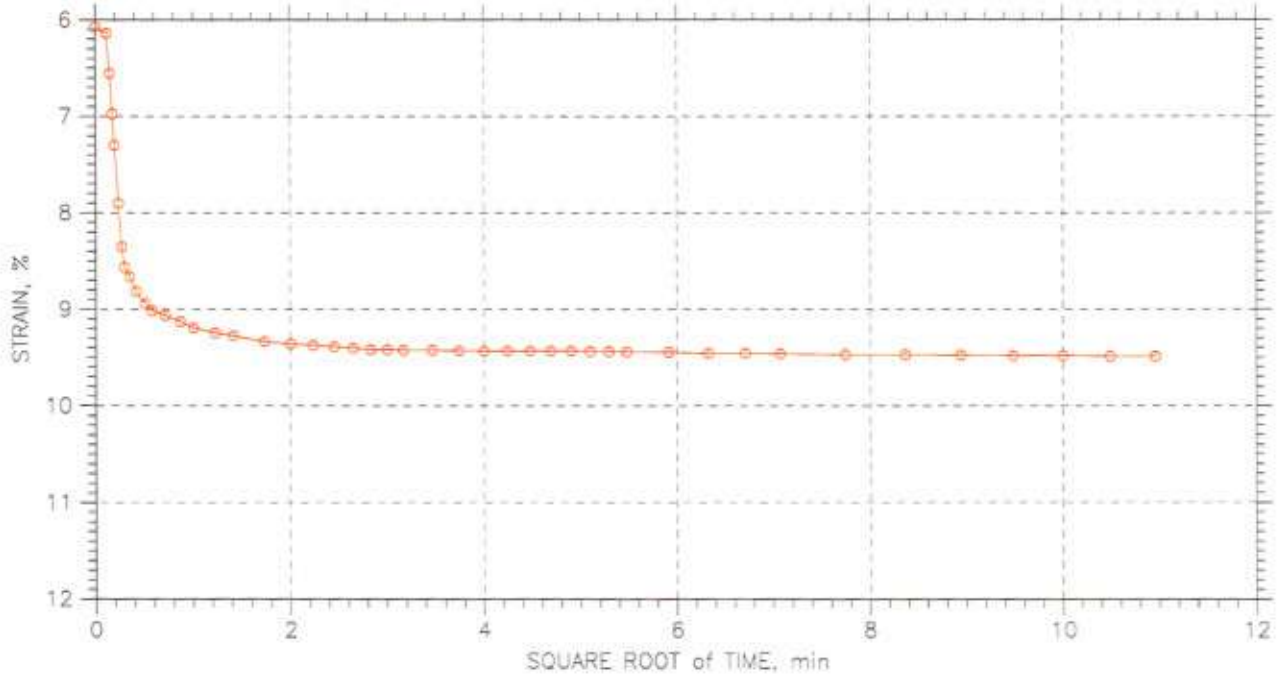
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 18

Stress: 8. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

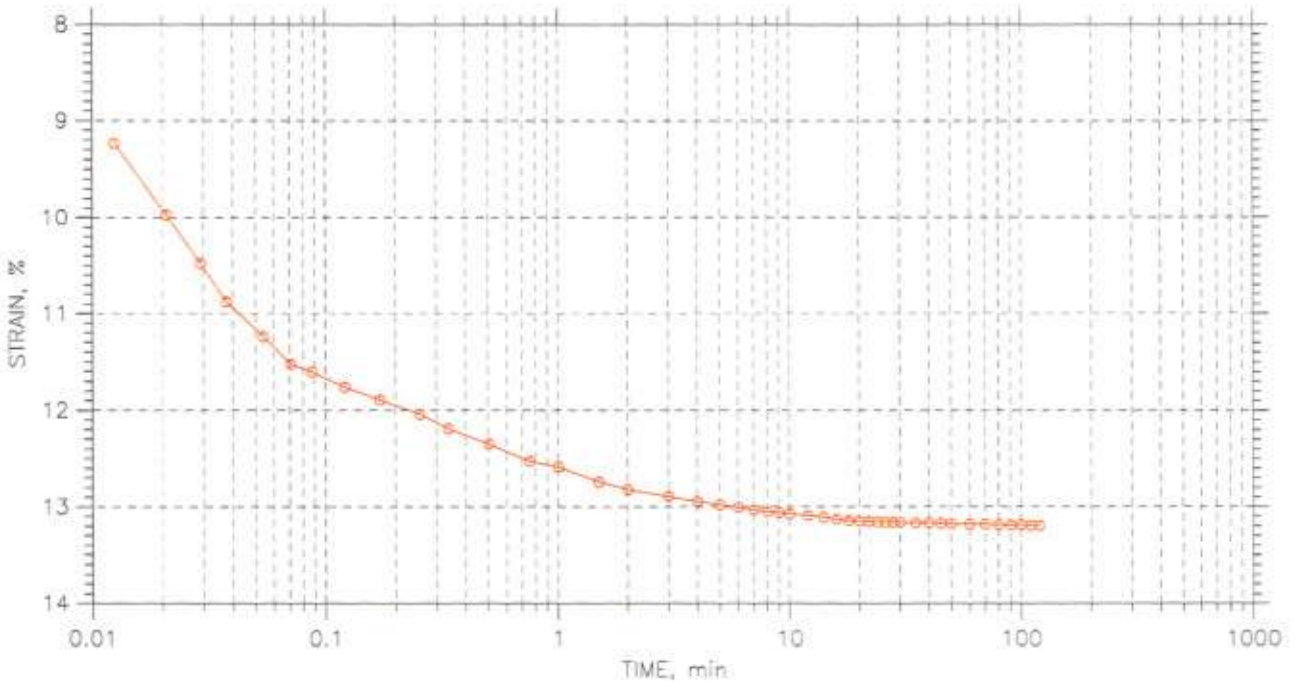
Fri, 20-OCT-2006 09:34:26

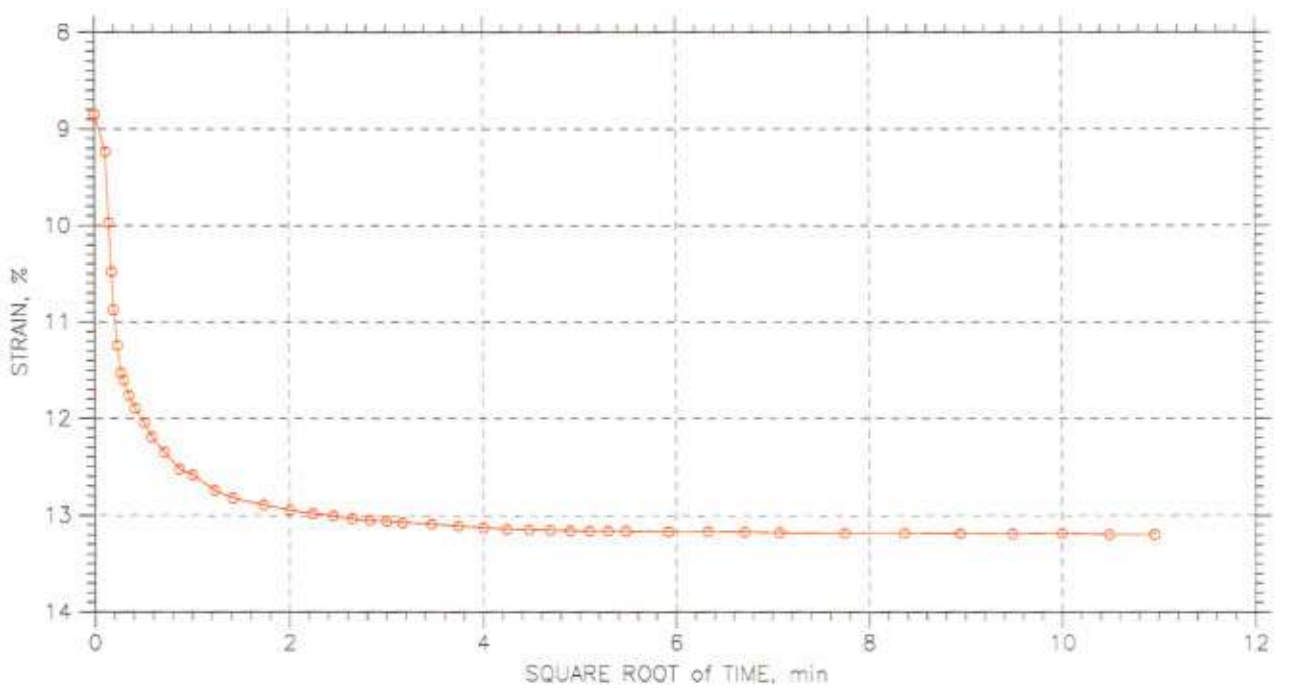
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 18

Stress: 16. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

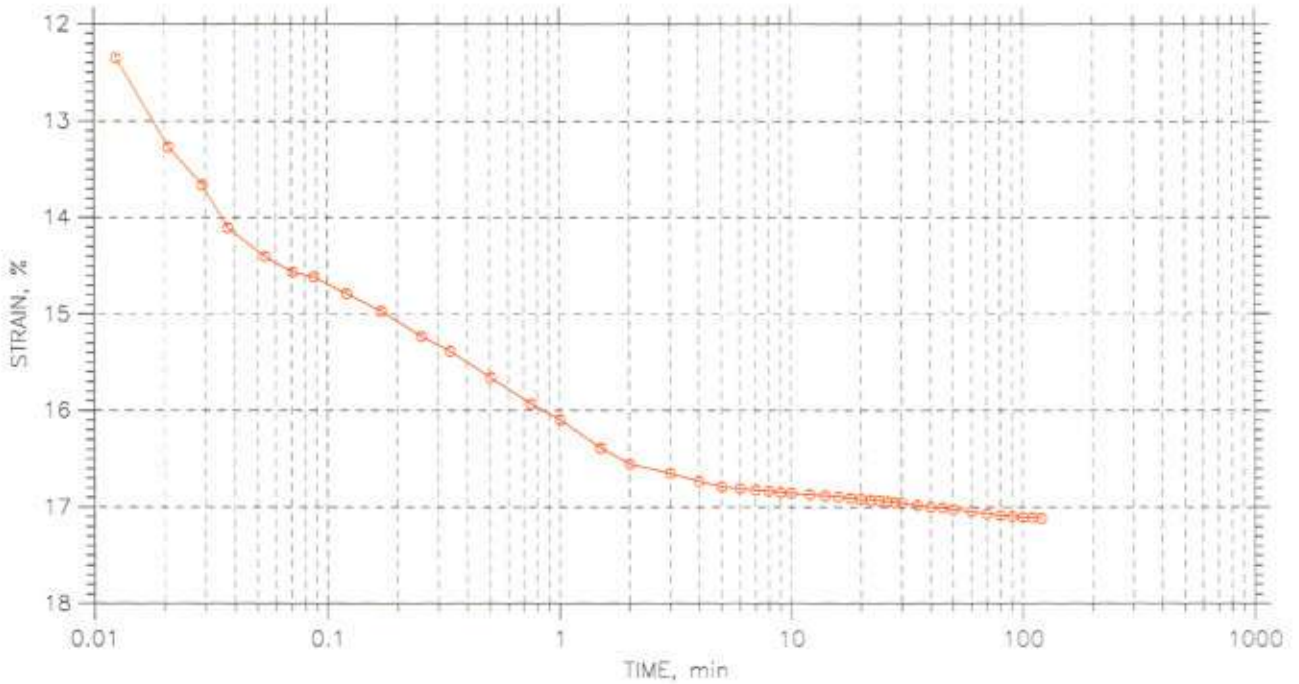
Fri, 20-OCT-2006 09:34:27

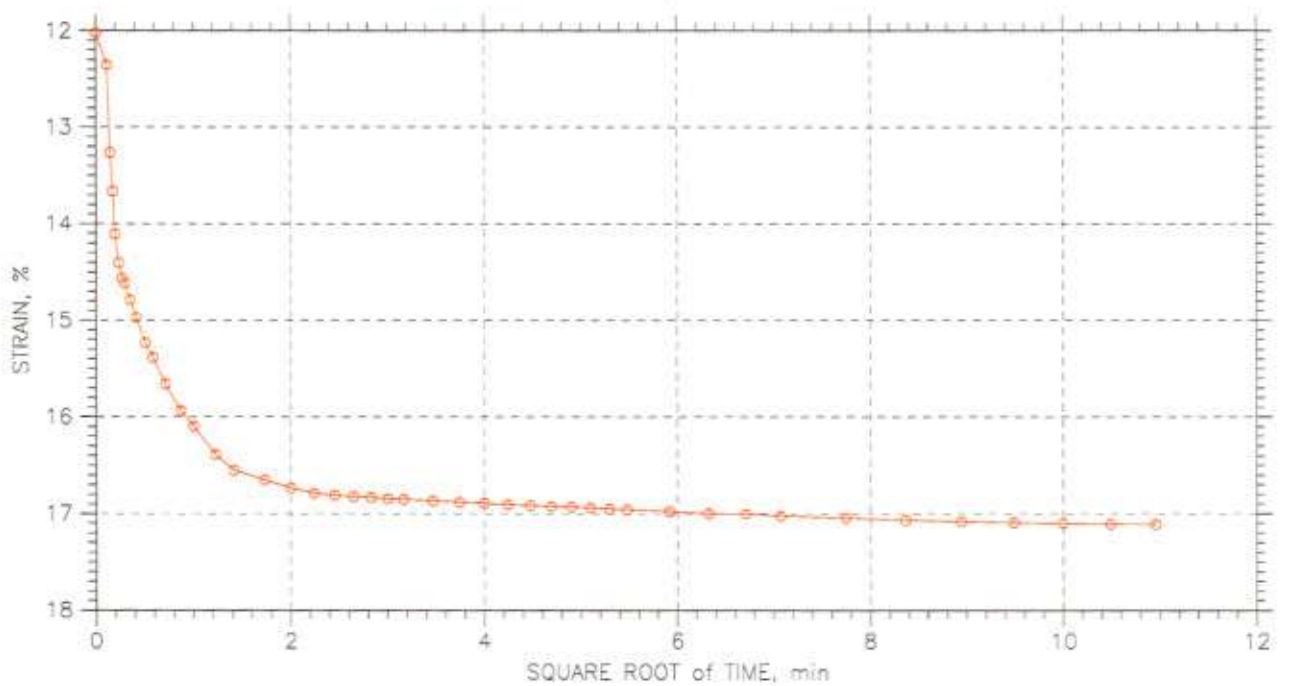
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 18

Stress: 32. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

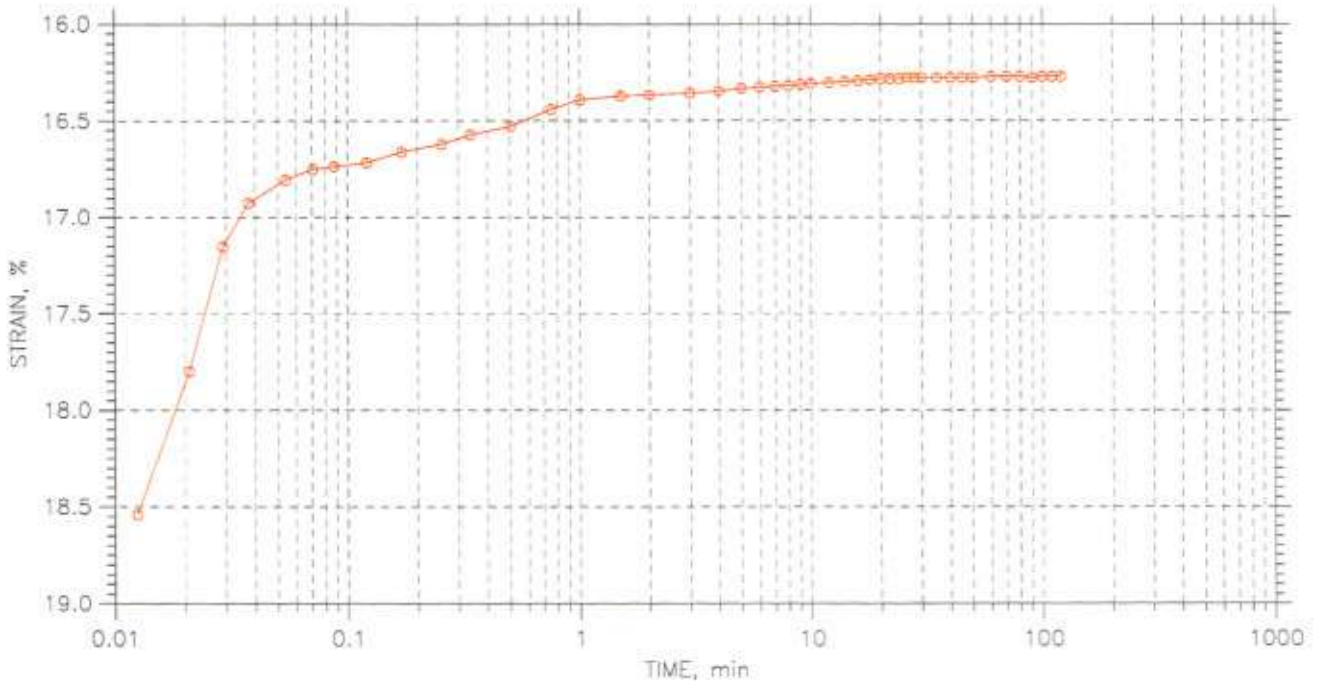
Fri, 20-OCT-2006 09:34:27

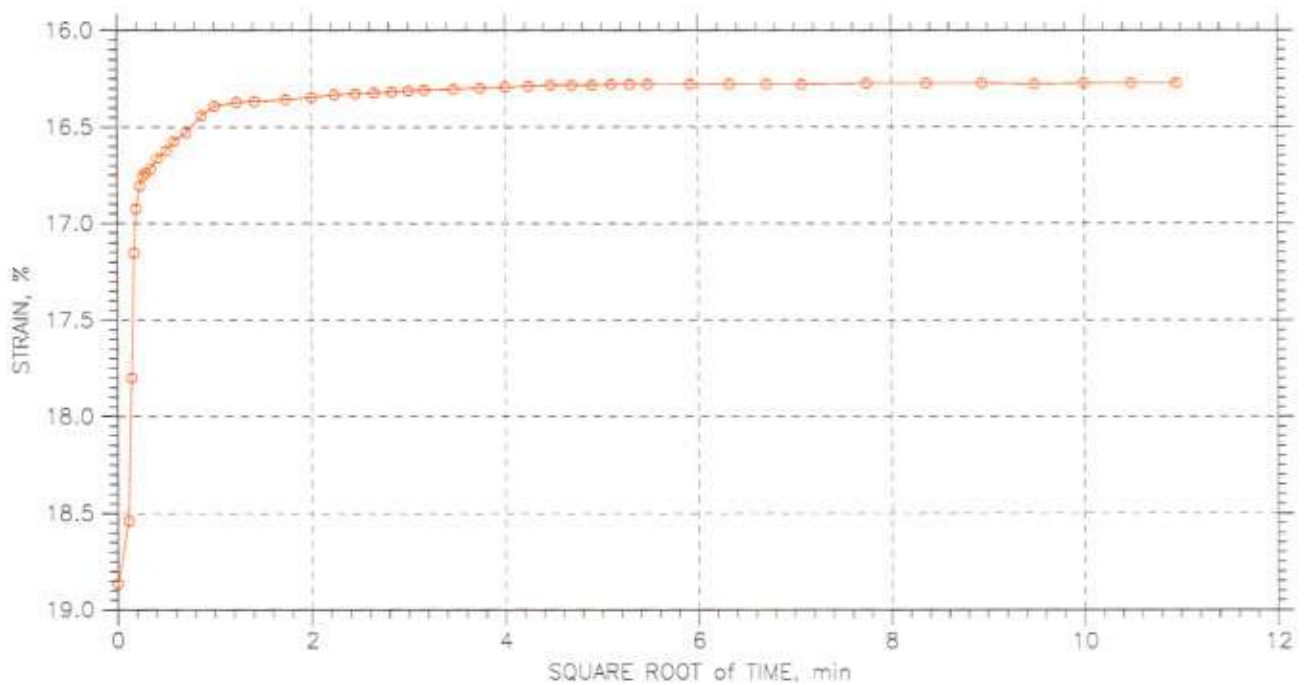
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 18

Stress: 8. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

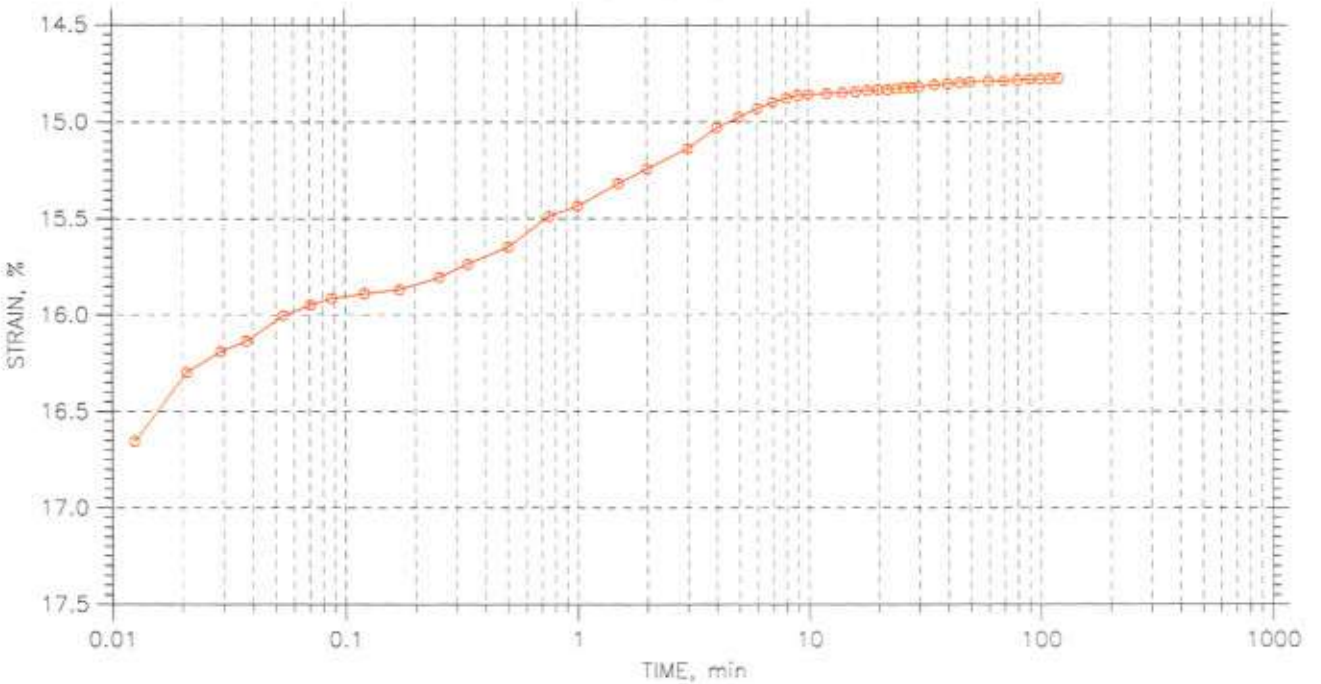
Fri, 20-OCT-2006 09:34:27

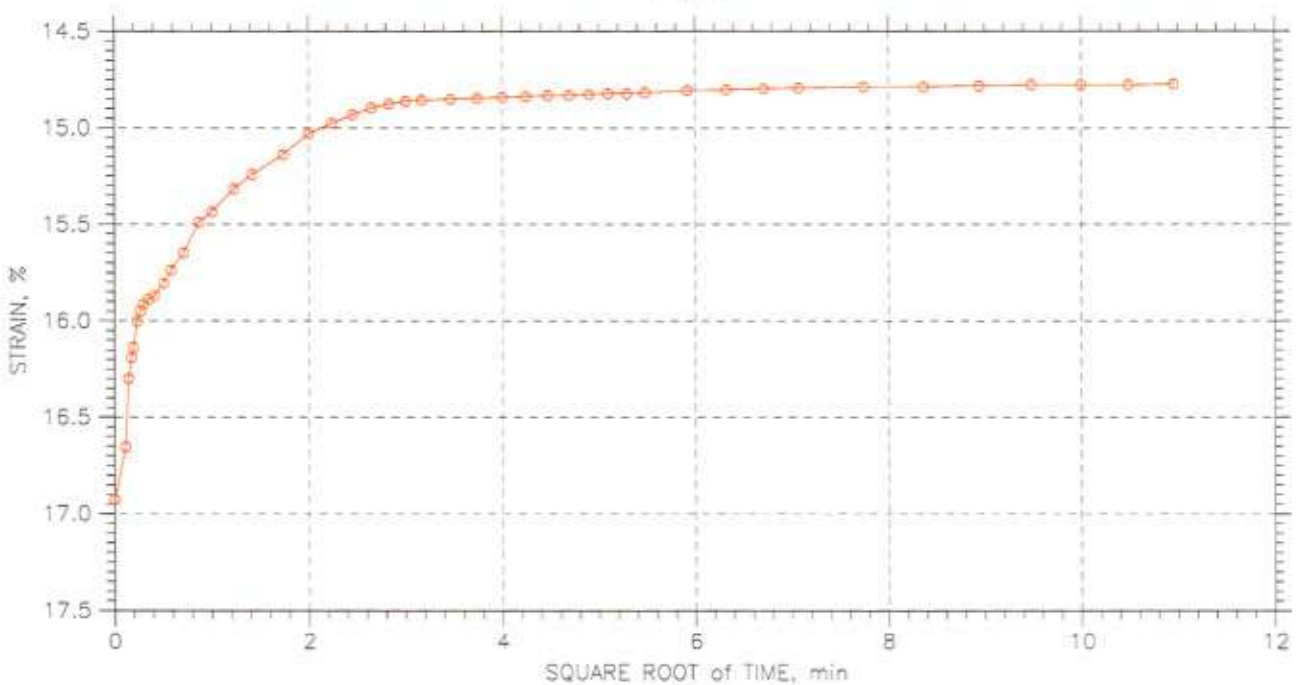
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 17 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

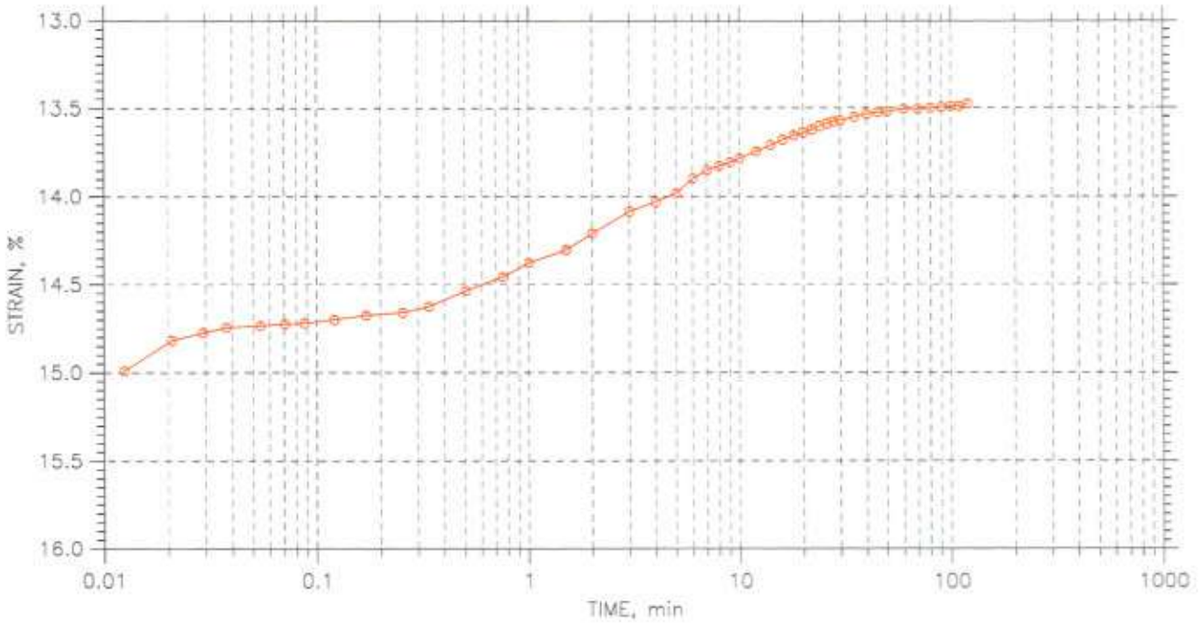
Fri, 20-OCT-2006 09:34:27

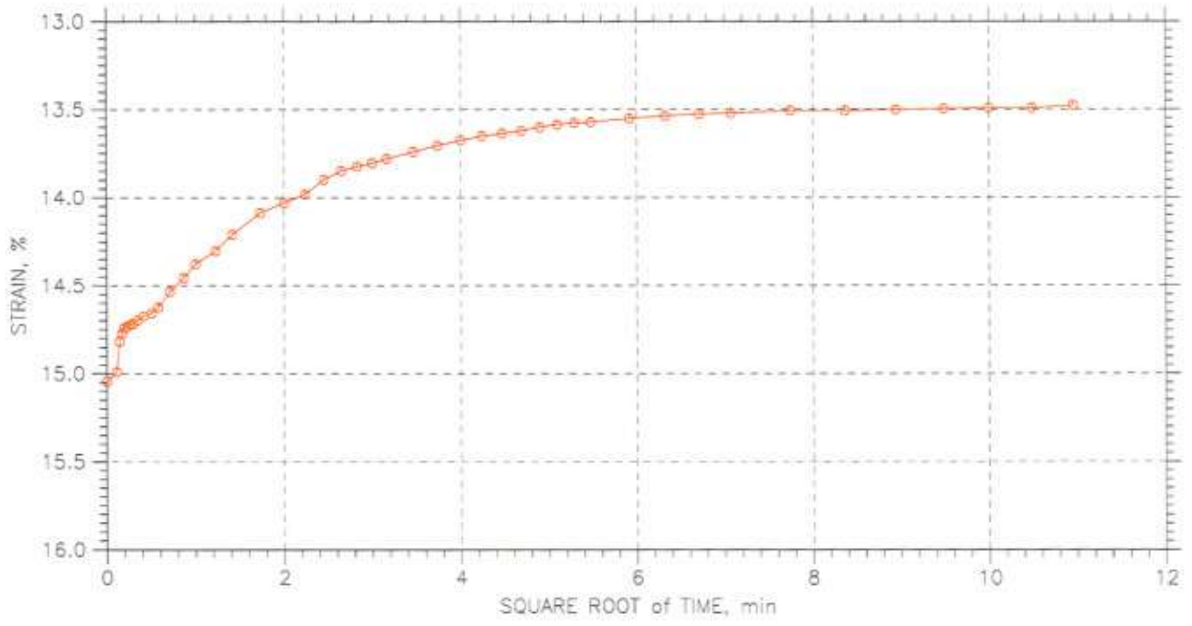
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 18 of 18

Stress: 0.5 tsf



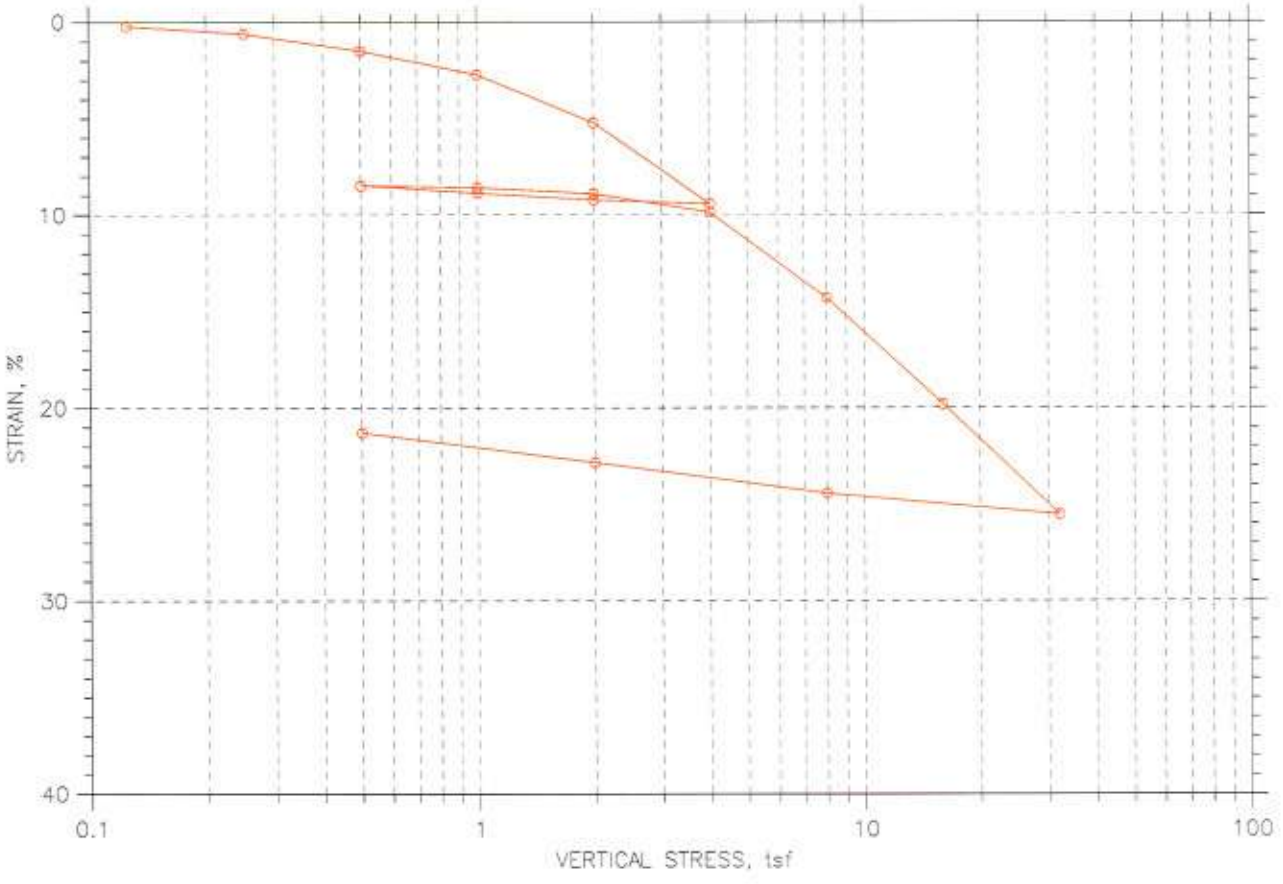


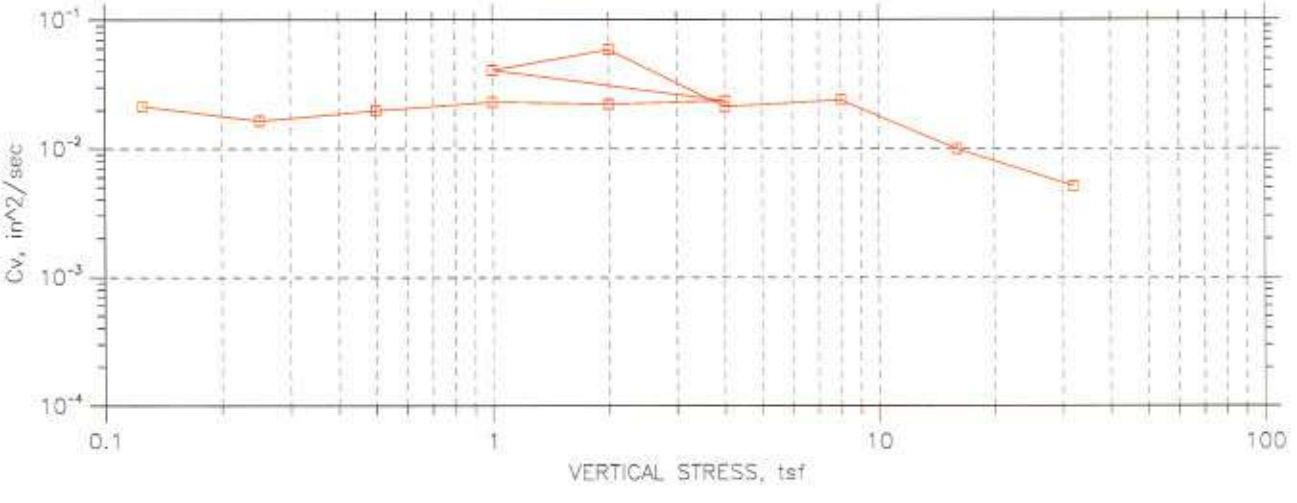
GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-3	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/03/06	Depth: 6-9 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, yellowish red clay		
	Remarks: System K		

Fri, 20-OCT-2006 09:34:27

CONSOLIDATION TEST DATA

SUMMARY REPORT



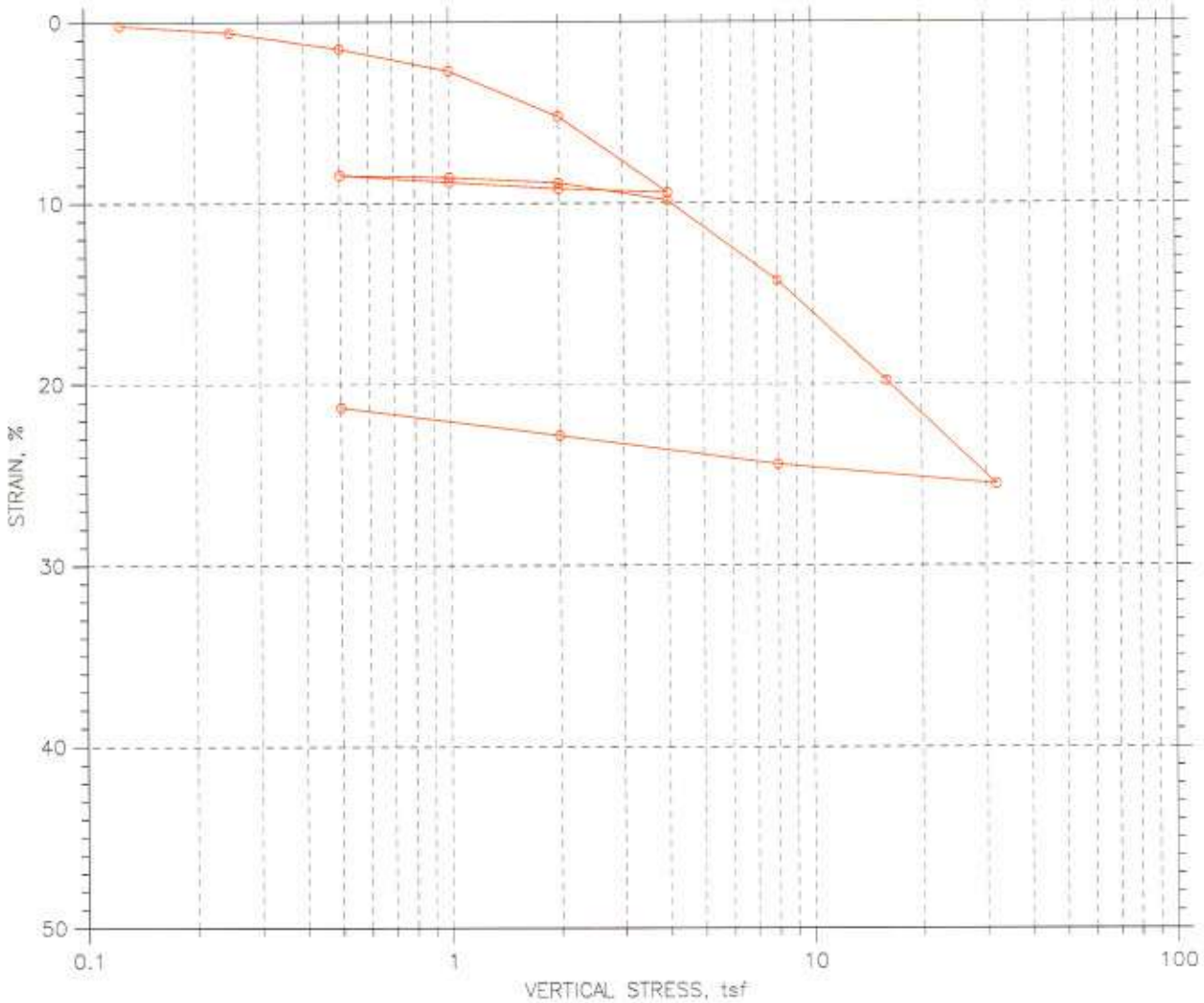


GeoTesting express a subsidiary of Geocomp Corporation	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

Fri, 20-OCT-2006 09:35:09

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	42.71	35.56
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	68.93	87.58
Compression Index: ---				Saturation, %	77.87	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.54	1.00
LL: ---	PL: ---	PI: ---	GS: 2.80			

GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

Fri, 20-OCT-2006 09:35:09

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-4
Sample No.: S-1
Test No.: C-3

Location: Bayamon, PR
Tested By: md
Test Date: 08/04/06
Sample Type: tube

Project No.: GTX-6868
Checked By: jdt
Depth: 14-17 ft
Elevation: ---

Soil Description: Moist, brown clay
Remarks: System G

Measured Specific Gravity: 2.80
Initial Void Ratio: 1.54
Final Void Ratio: 1.00

Liquid Limit: ---
Plastic Limit: ---
Plasticity Index: ---

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	1119	RING		masm
Wt. Container + Wet Soil, gm	181.87	343.22	336.87	132.35
Wt. Container + Dry Soil, gm	132.94	305.28	305.28	99.73
Wt. Container, gm	8.11	216.46	216.46	8.01
Wt. Dry Soil, gm	124.83	88.821	88.821	91.72
Water Content, %	39.20	42.71	35.56	35.56
Void Ratio	---	1.54	1.00	---
Degree of Saturation, %	---	77.87	100.00	---
Dry Unit Weight, pcf	---	68.932	87.581	---

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-4
Sample No.: S-1
Test No.: C-3

Location: Bayamon, PR
Tested By: md
Test Date: 08/04/06
Sample Type: tube

Project No.: GTX-6868
Checked By: jdt
Depth: 14-17 ft
Elevation: ---

Soil Description: Moist, brown clay
Remarks: System G

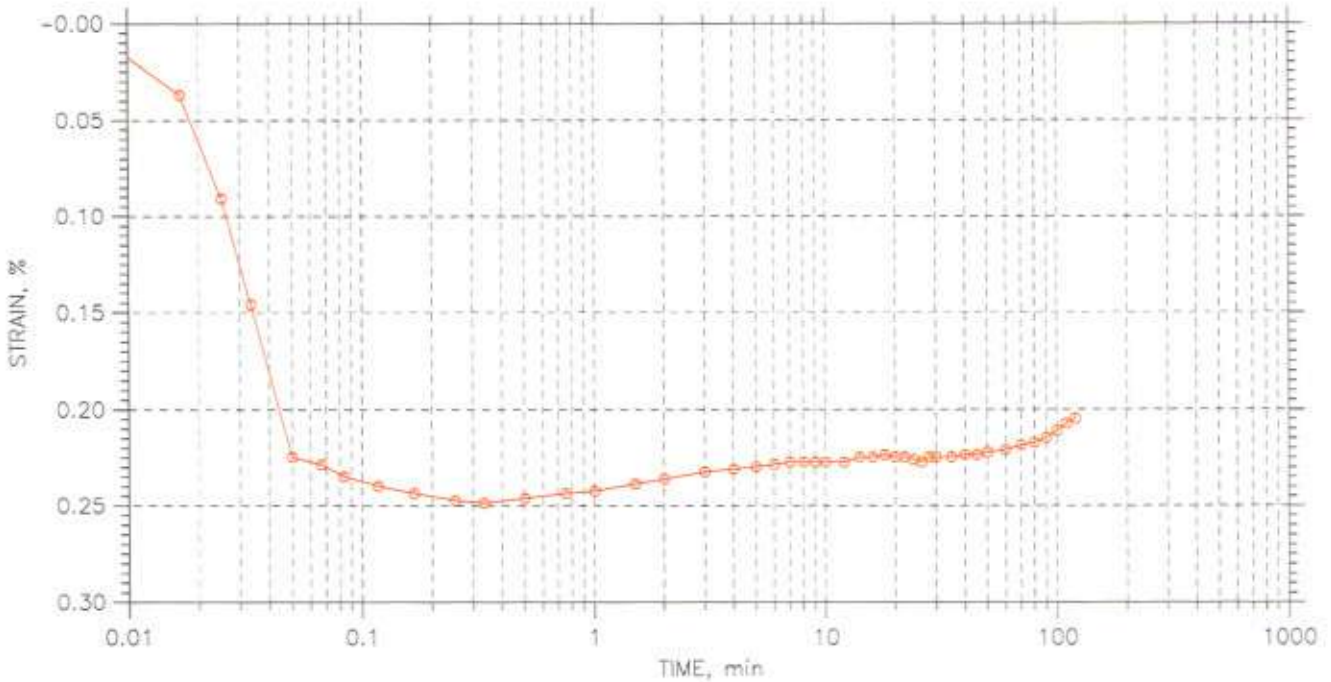
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.125	0.002047	1.531	0.20	0.0	0.0	2.14e-002	0.00e+000	2.14e-002
2	0.25	0.005971	1.521	0.60	0.0	0.0	1.65e-002	0.00e+000	1.65e-002
3	0.5	0.01494	1.498	1.49	0.0	0.0	1.96e-002	2.01e-002	1.98e-002
4	1	0.02715	1.467	2.72	0.0	0.0	2.52e-002	2.14e-002	2.32e-002
5	2	0.05233	1.403	5.23	0.0	0.0	2.41e-002	2.08e-002	2.23e-002
6	4	0.09419	1.297	9.42	0.0	0.0	2.48e-002	2.26e-002	2.37e-002
7	2	0.09215	1.302	9.22	0.0	0.0	9.34e-002	0.00e+000	9.34e-002
8	1	0.08855	1.311	8.85	0.0	0.0	1.78e-002	4.73e-002	2.59e-002
9	0.5	0.08475	1.321	8.48	0.2	0.0	3.44e-003	0.00e+000	3.44e-003
10	1	0.08582	1.318	8.58	0.0	0.0	4.08e-002	0.00e+000	4.08e-002
11	2	0.08895	1.310	8.89	0.0	0.0	5.90e-002	0.00e+000	5.90e-002
12	4	0.09857	1.286	9.86	0.1	0.0	1.32e-002	5.55e-002	2.13e-002
13	8	0.1429	1.173	14.29	0.0	0.0	1.88e-002	3.33e-002	2.40e-002
14	16	0.198	1.034	19.80	0.1	0.0	8.08e-003	1.30e-002	9.96e-003
15	32	0.2553	0.888	25.53	0.1	0.1	4.38e-003	6.10e-003	5.10e-003
16	8	0.2443	0.916	24.43	0.0	0.0	4.47e-002	0.00e+000	4.47e-002
17	2	0.2283	0.957	22.83	0.2	0.2	2.06e-003	2.23e-003	2.14e-003
18	0.5	0.2129	0.996	21.29	0.9	1.0	5.42e-004	4.86e-004	5.12e-004

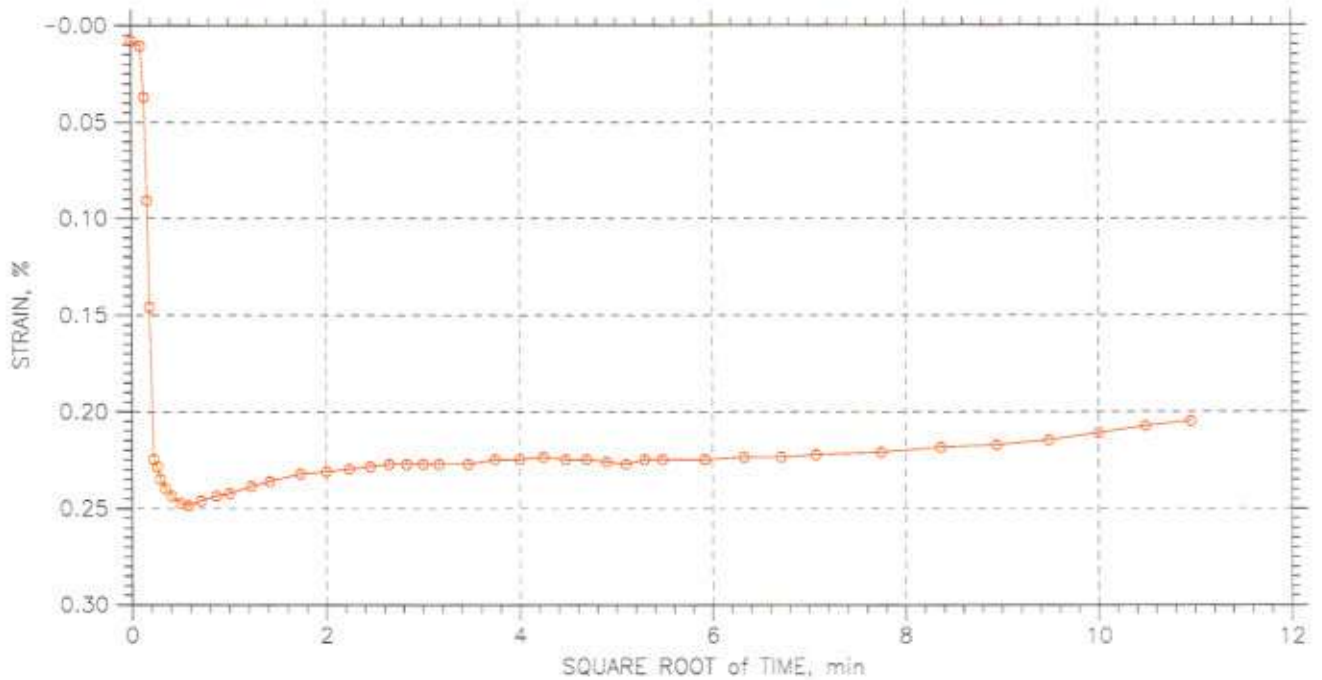
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 18

Stress: 0.125 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

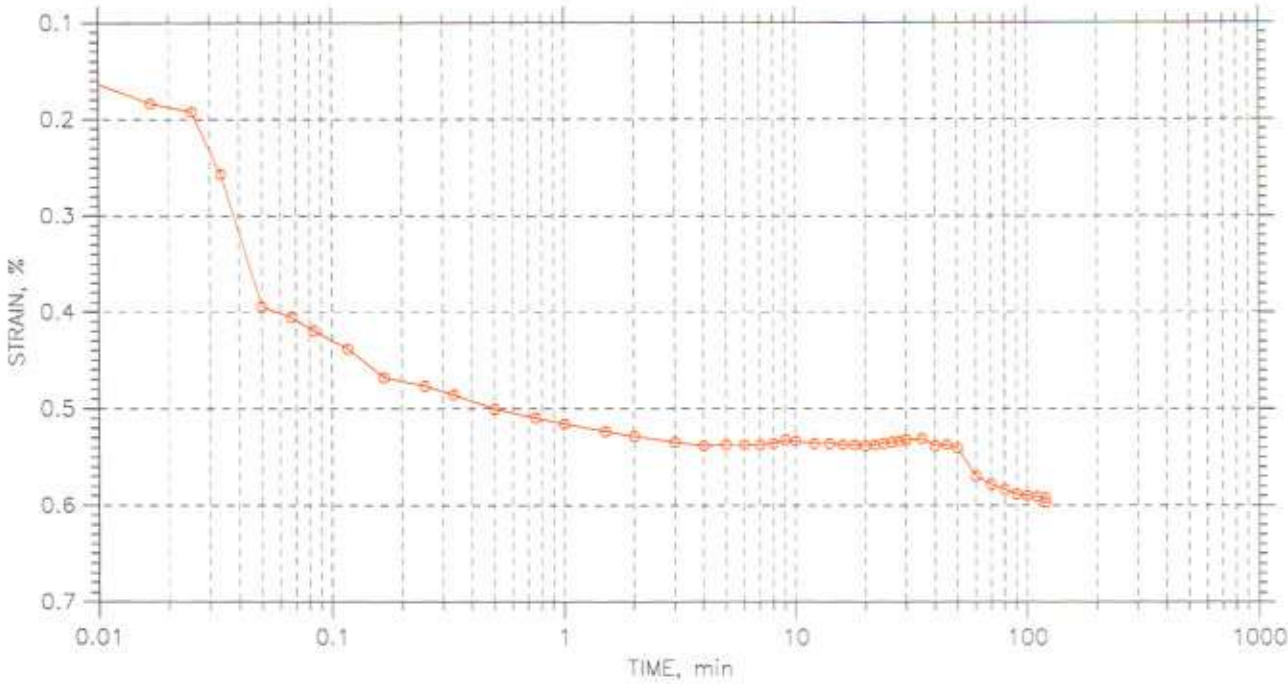
Fri, 20-OCT-2006 09:35:09

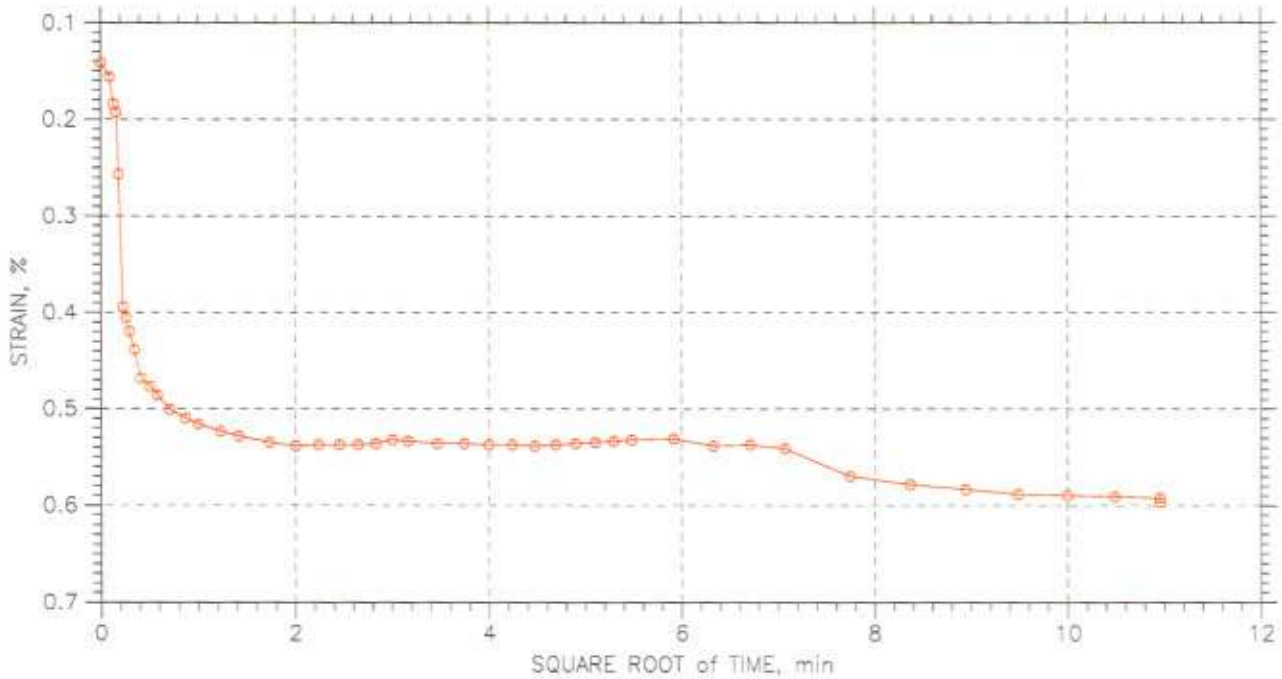
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 18

Stress: 0.25 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

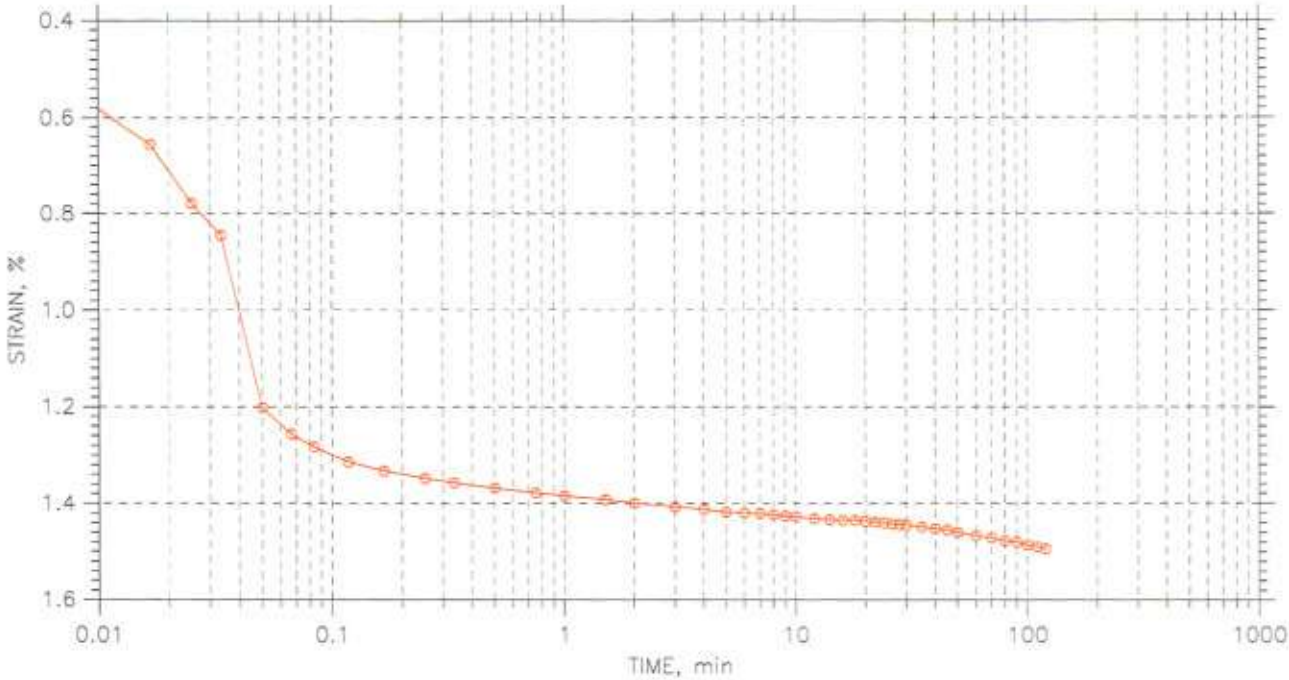
Fri, 20-OCT-2006 09:35:09

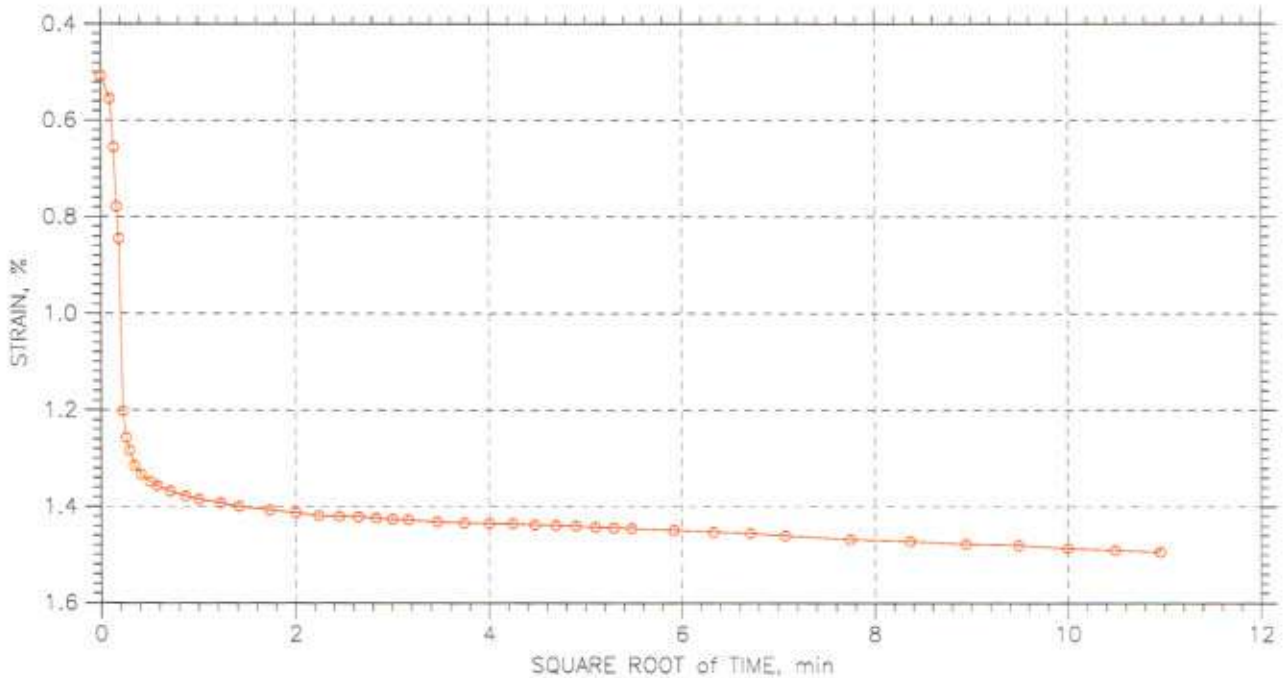
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

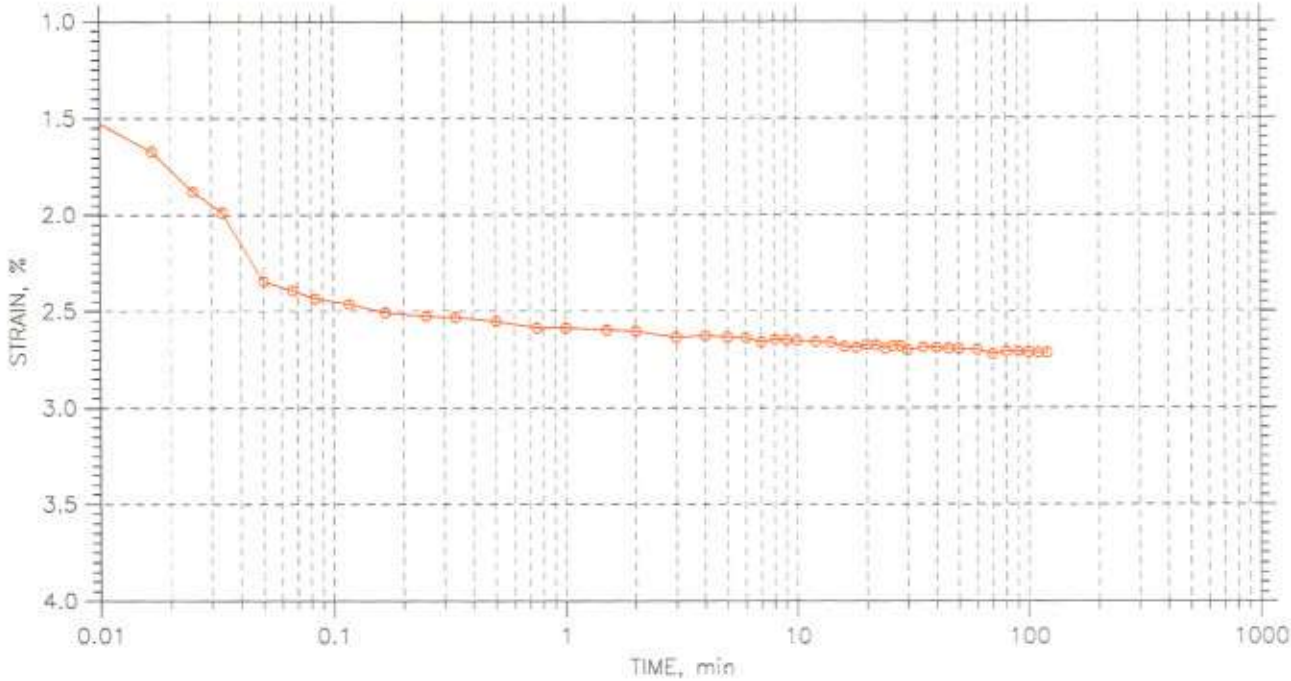
Fri, 20-OCT-2006 09:35:09

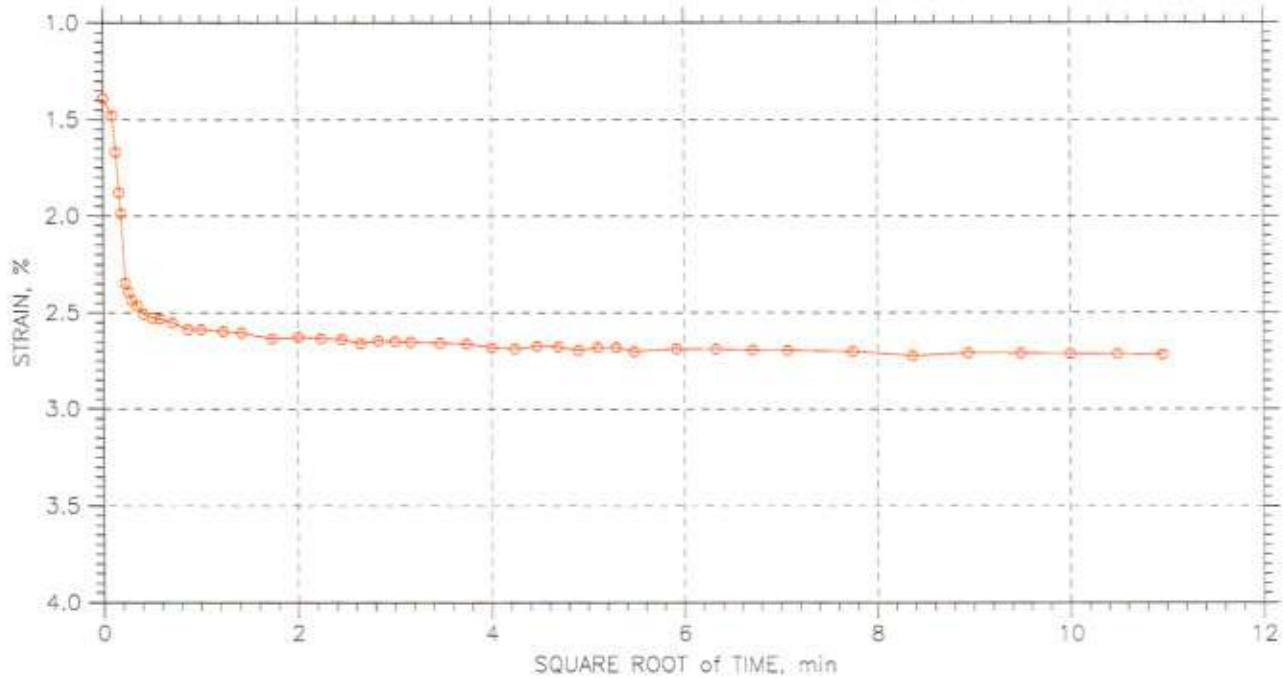
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

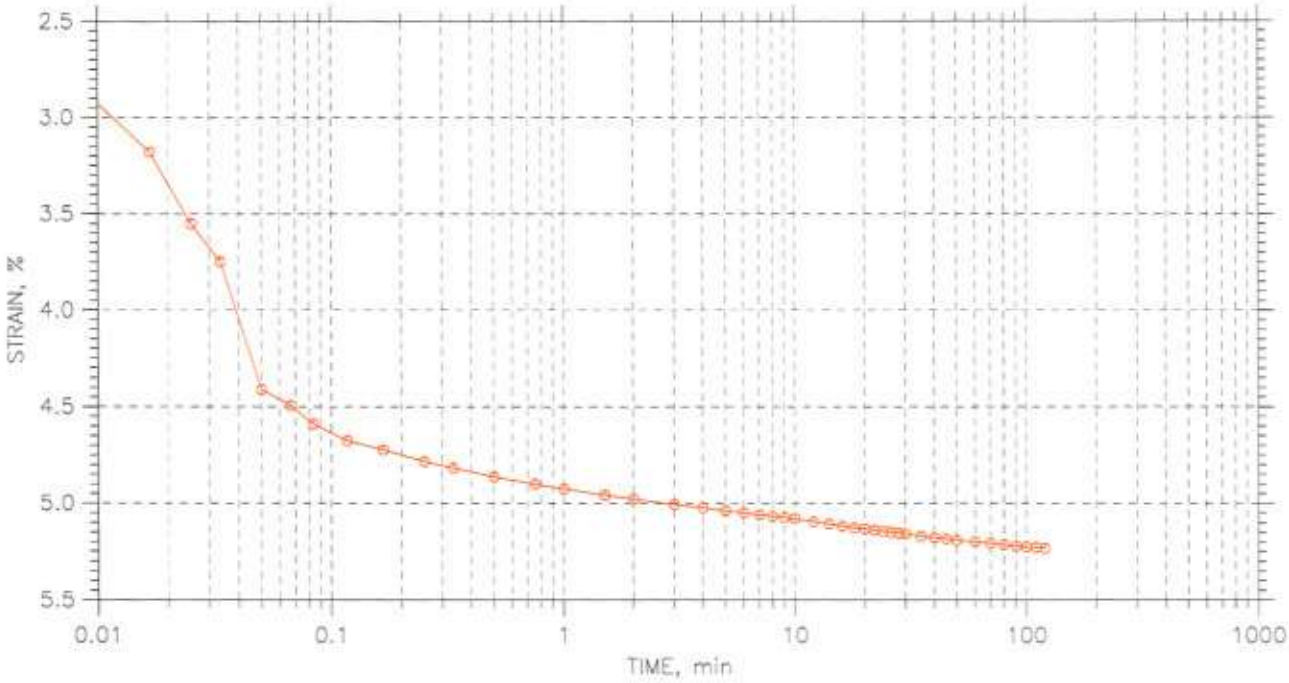
Fri, 20-OCT-2006 09:35:09

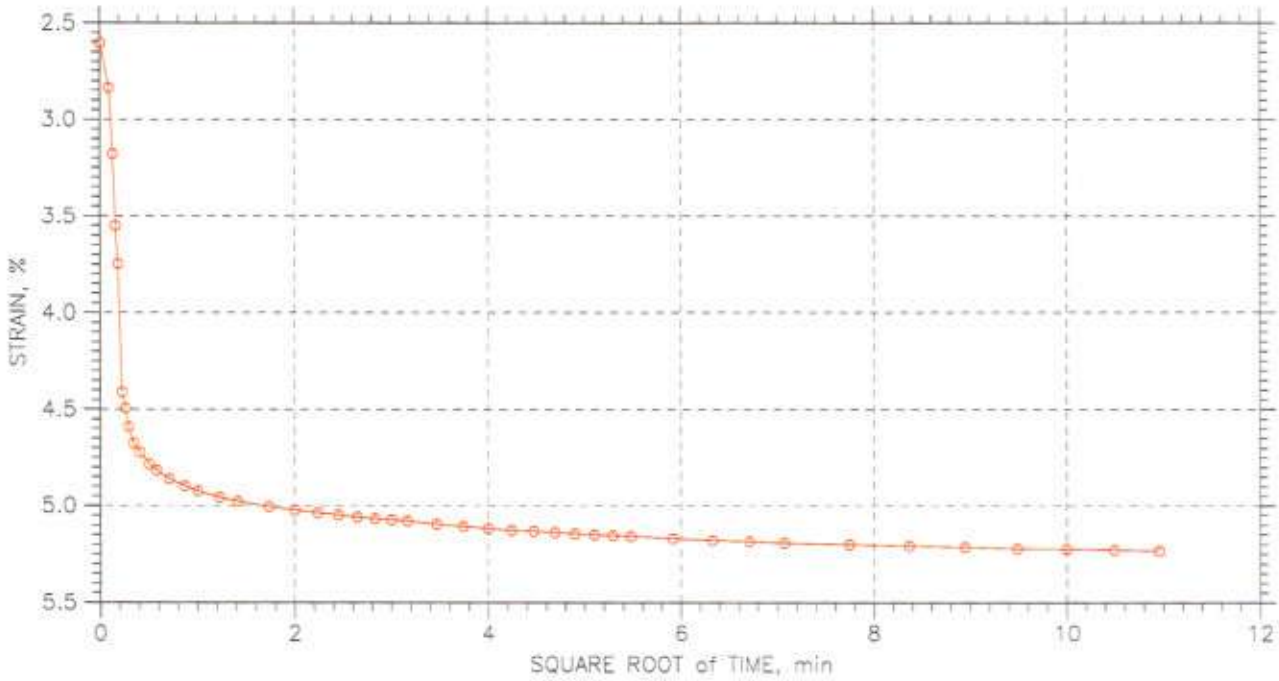
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

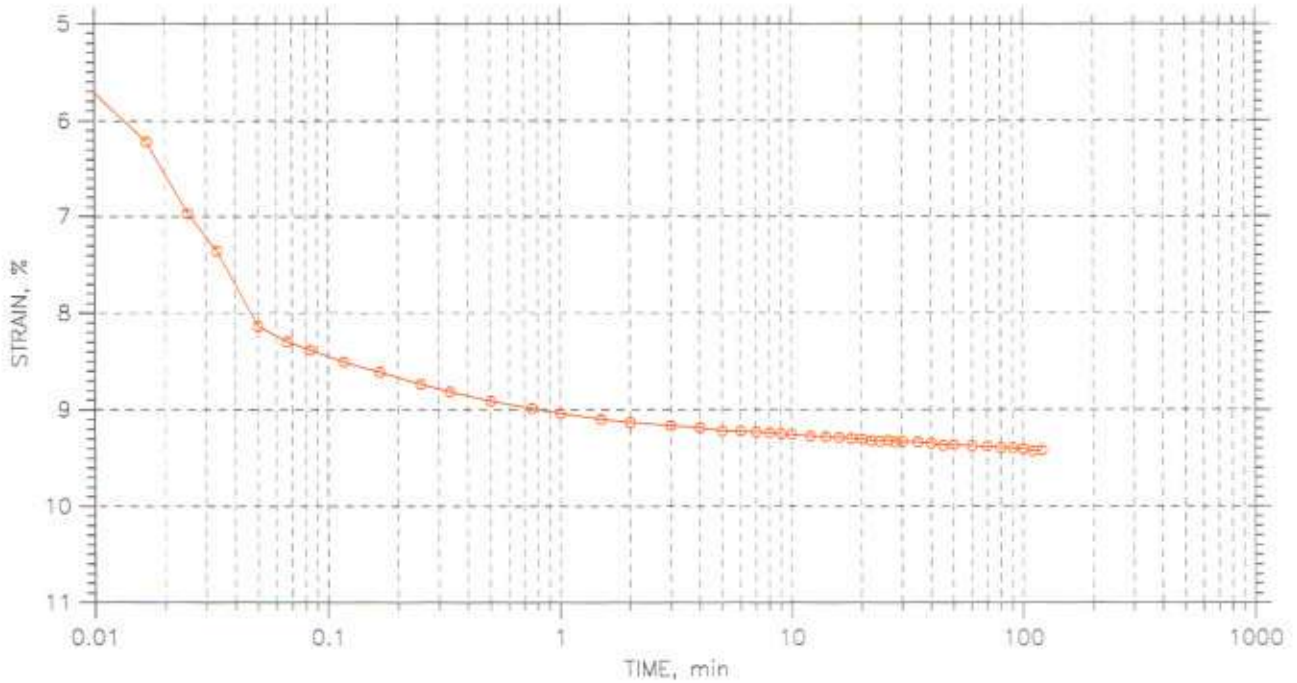
Fri, 20-OCT-2006 09:35:09

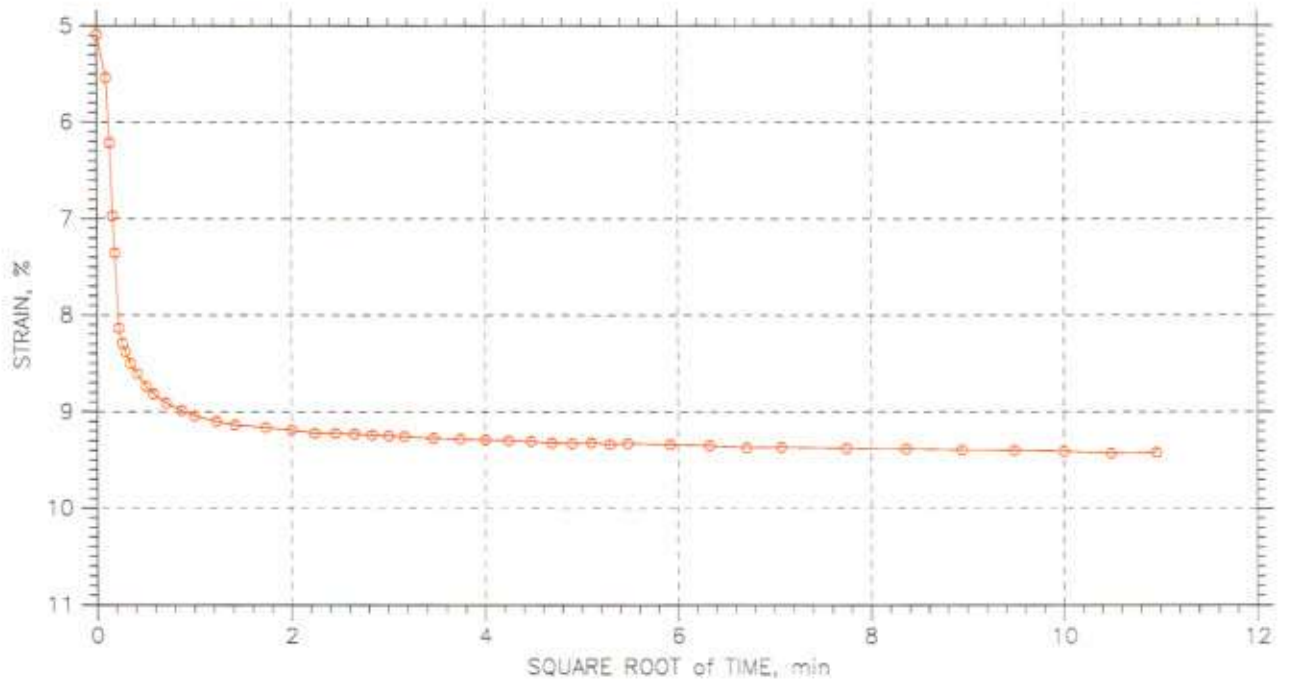
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 18

Stress: 4. tsf





GeoTesting express (a subsidiary of Geotechnip Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

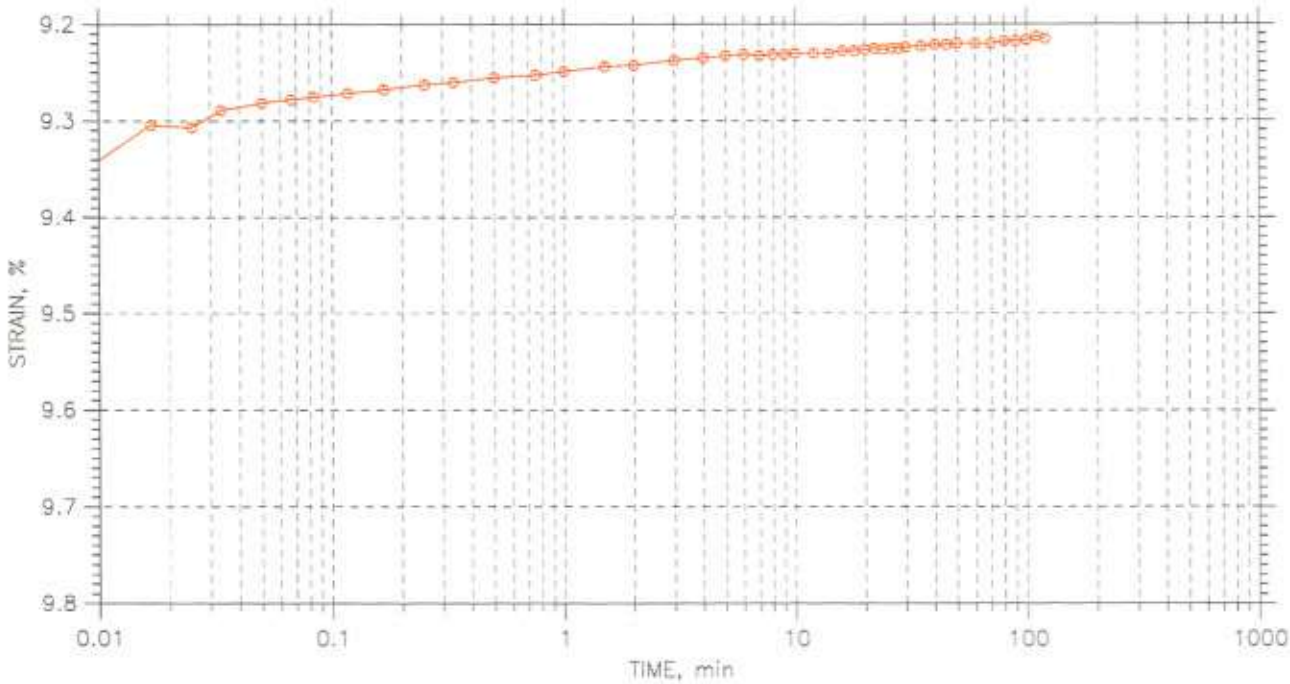
Fri, 20-OCT-2006 09:35:10

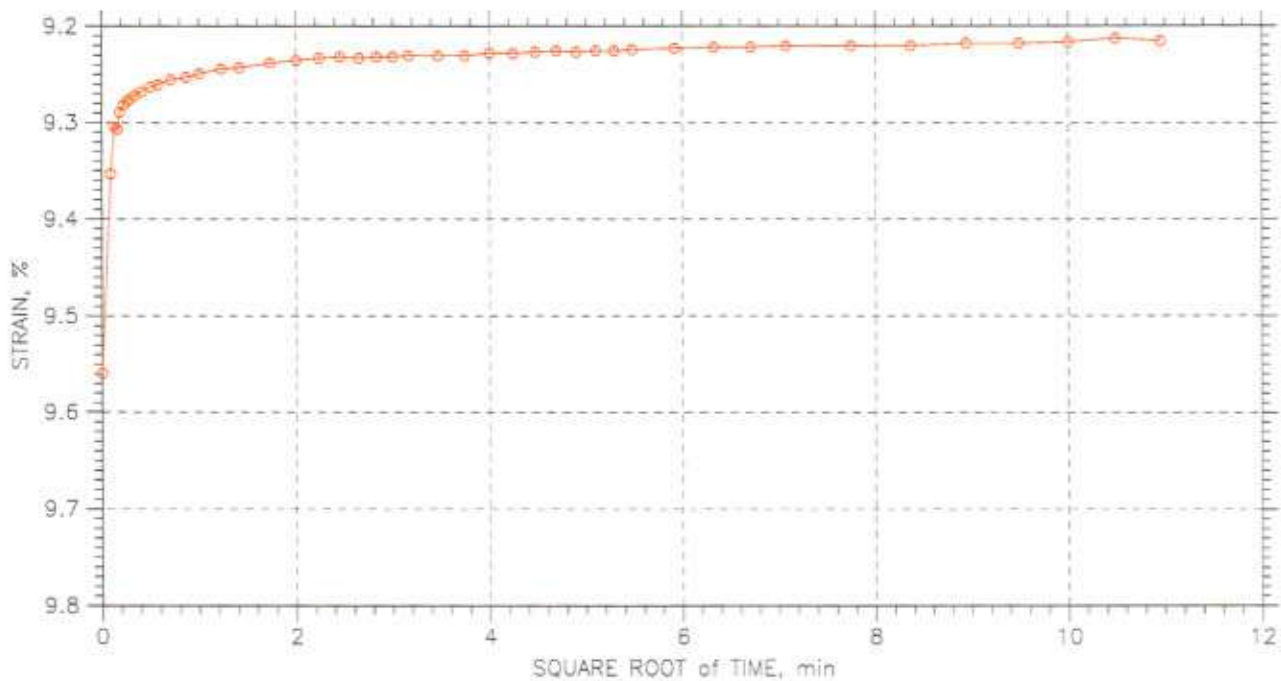
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

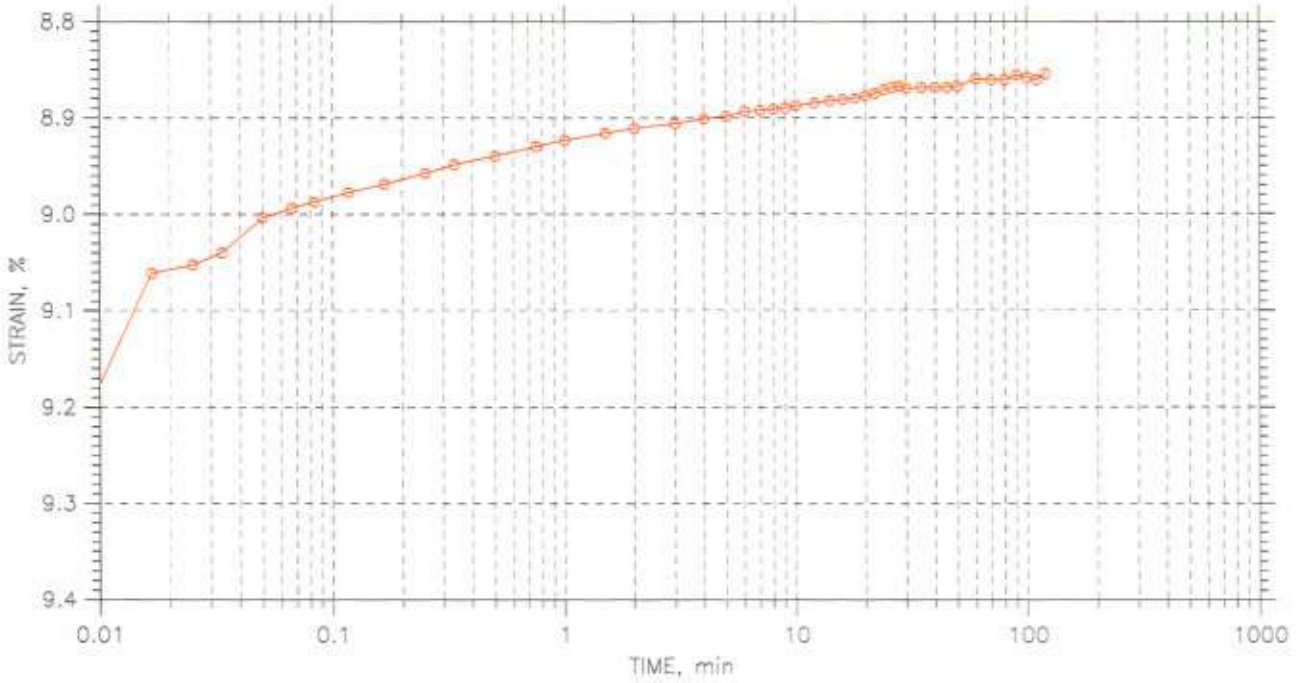
Fri, 20-OCT-2006 09:35:10

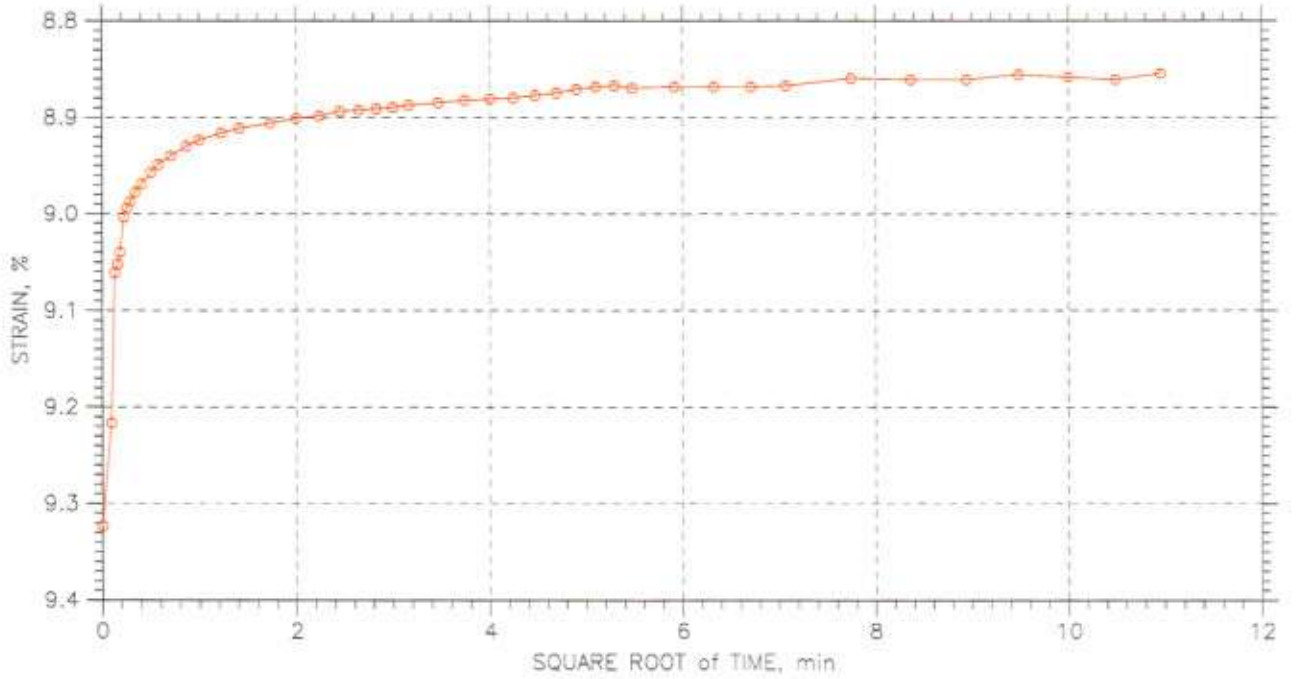
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

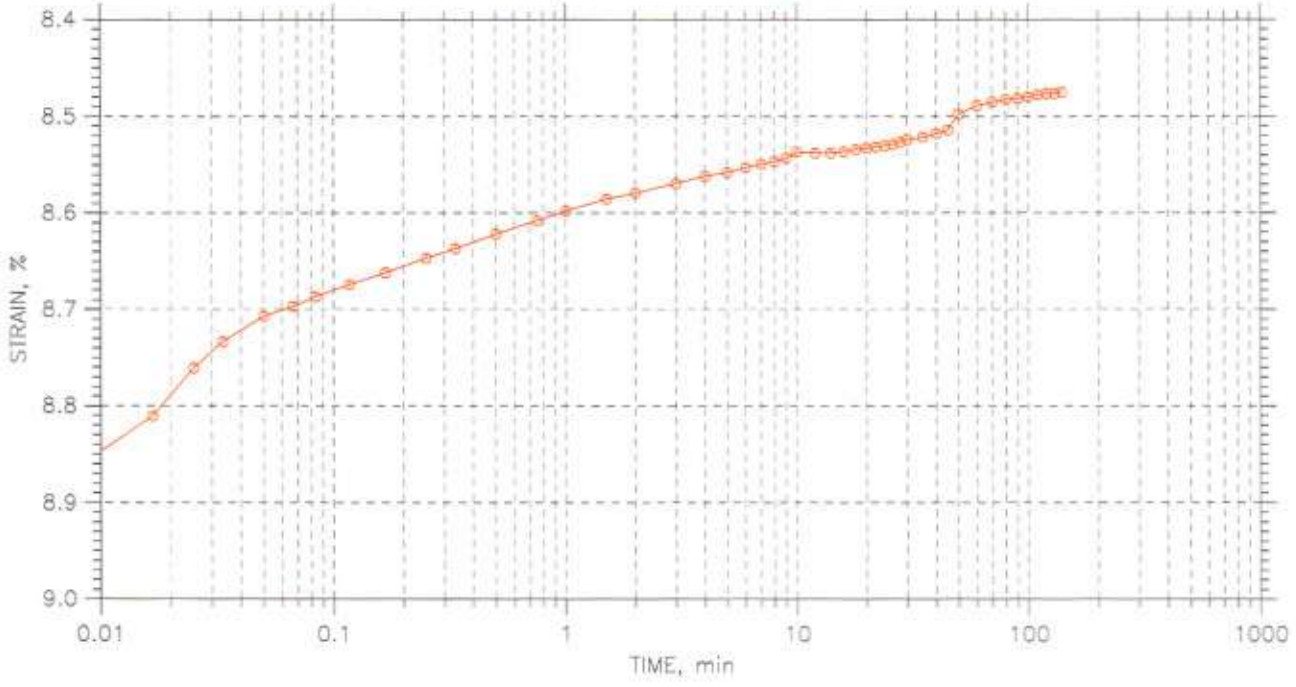
Fri, 20-OCT-2006 09:35:10

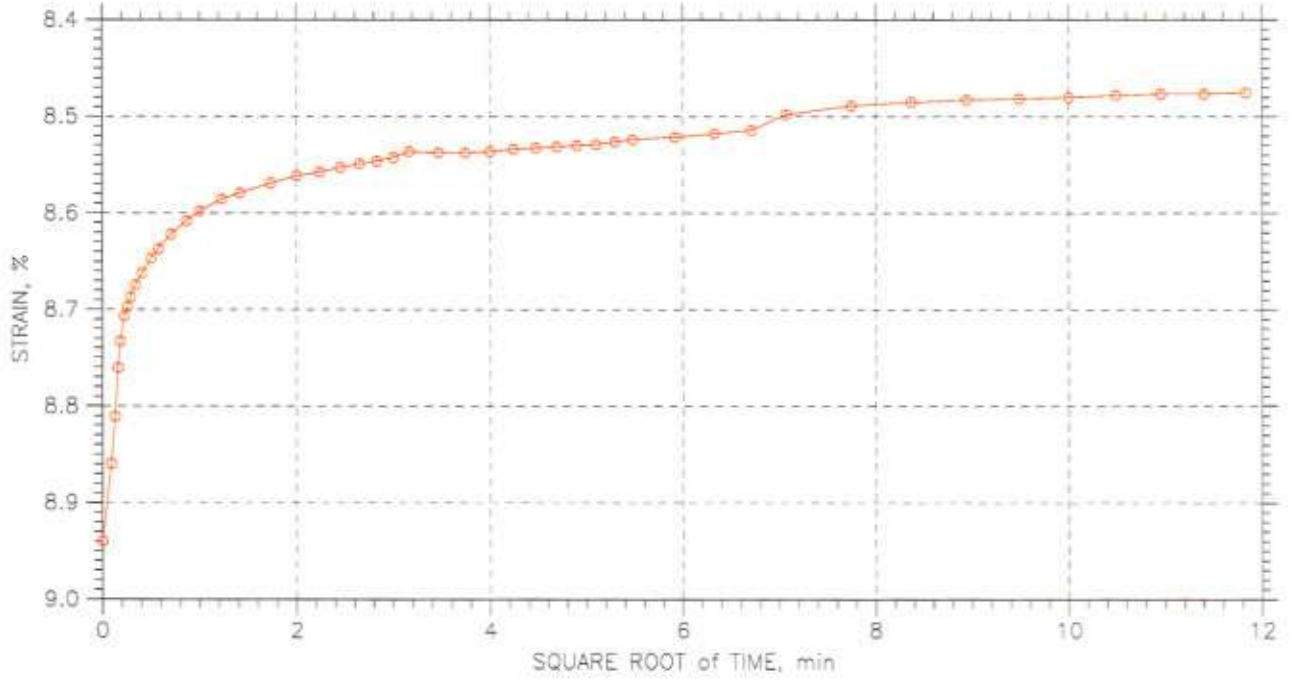
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

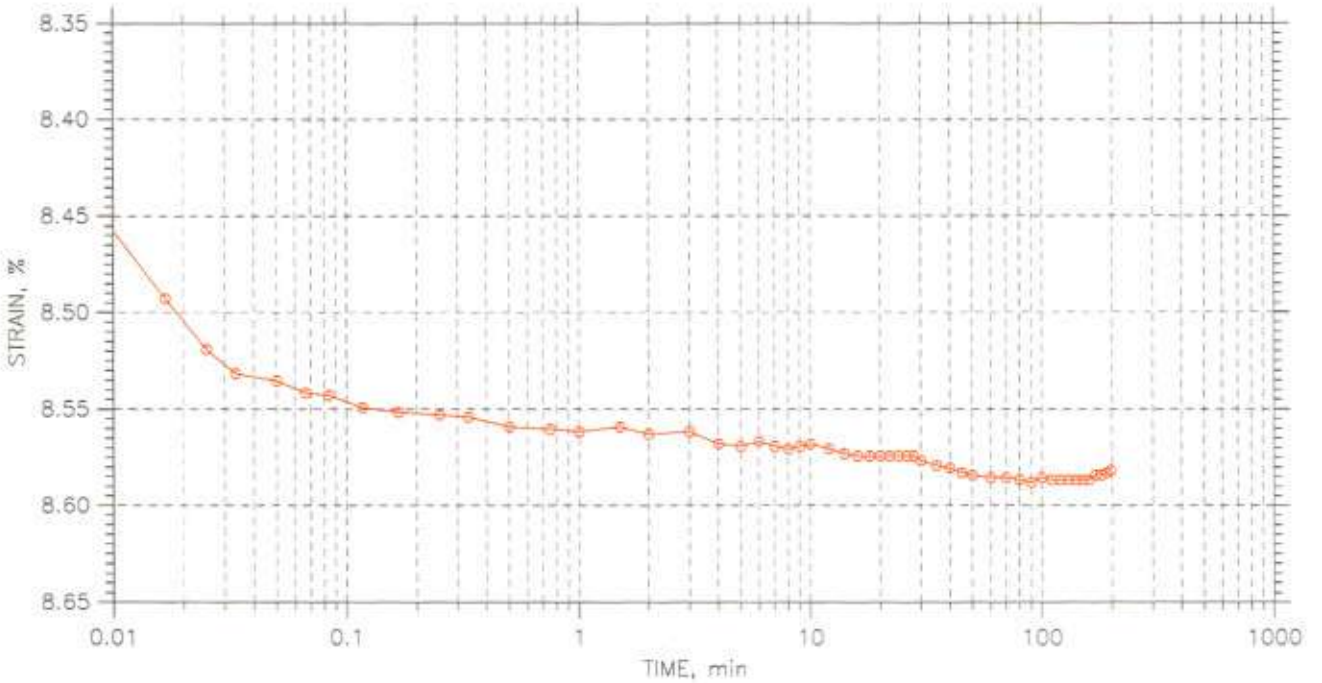
Fri, 20-OCT-2006 09:35:10

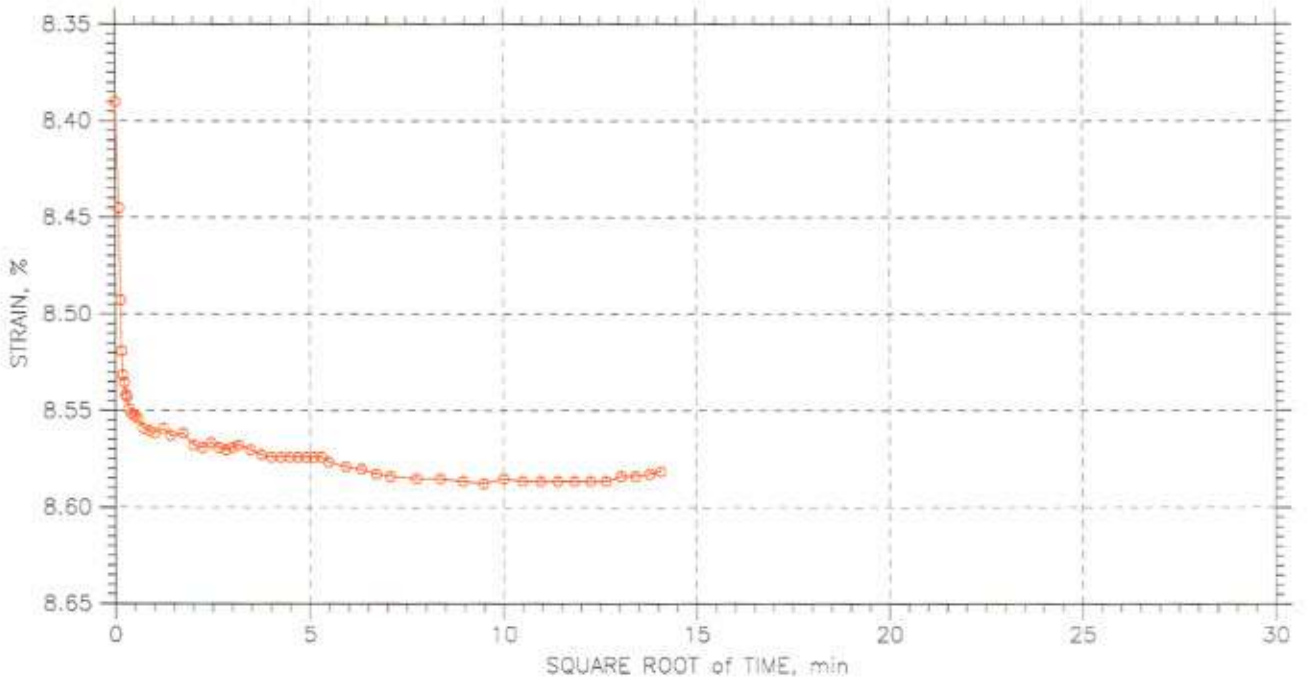
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

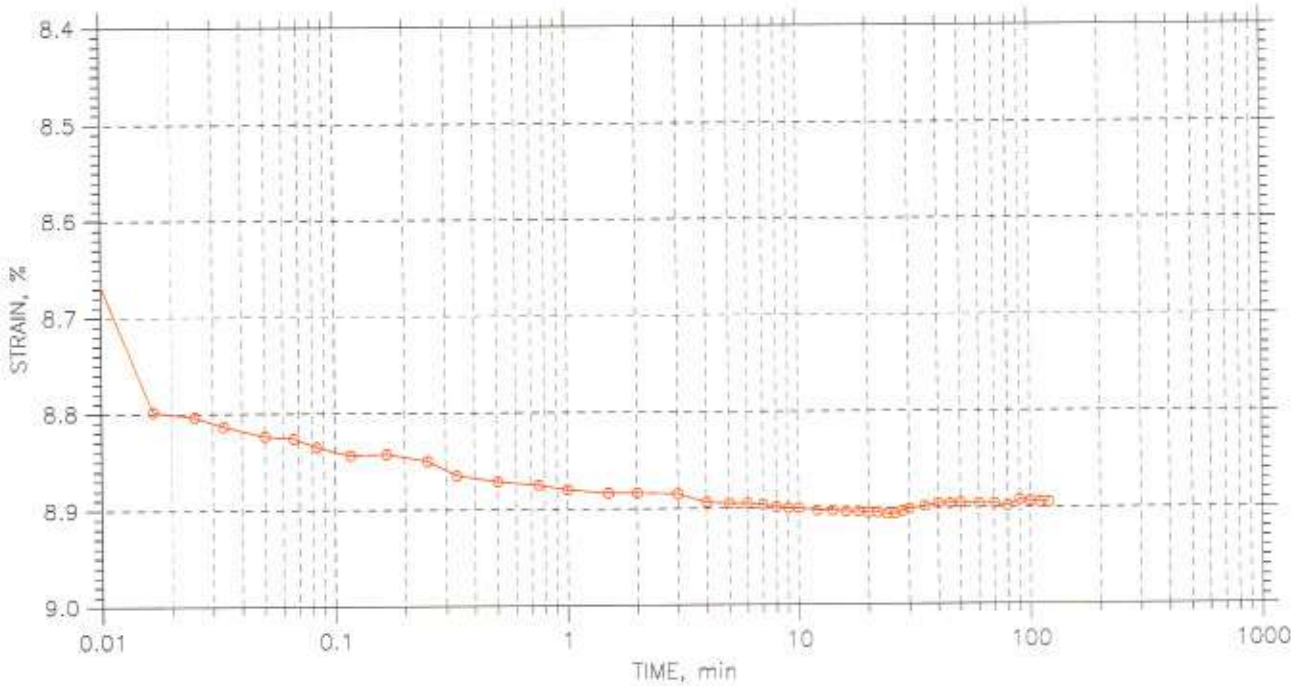
Fri, 20-OCT-2006 09:35:10

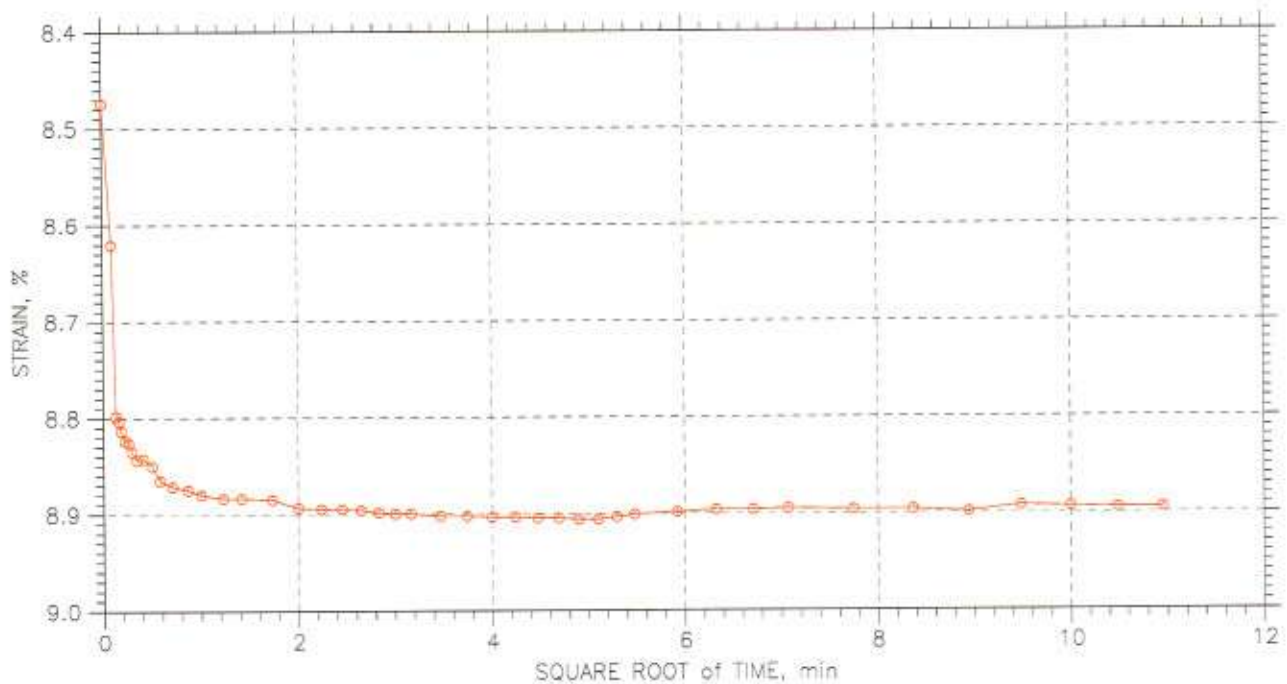
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 18

Stress: 2. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

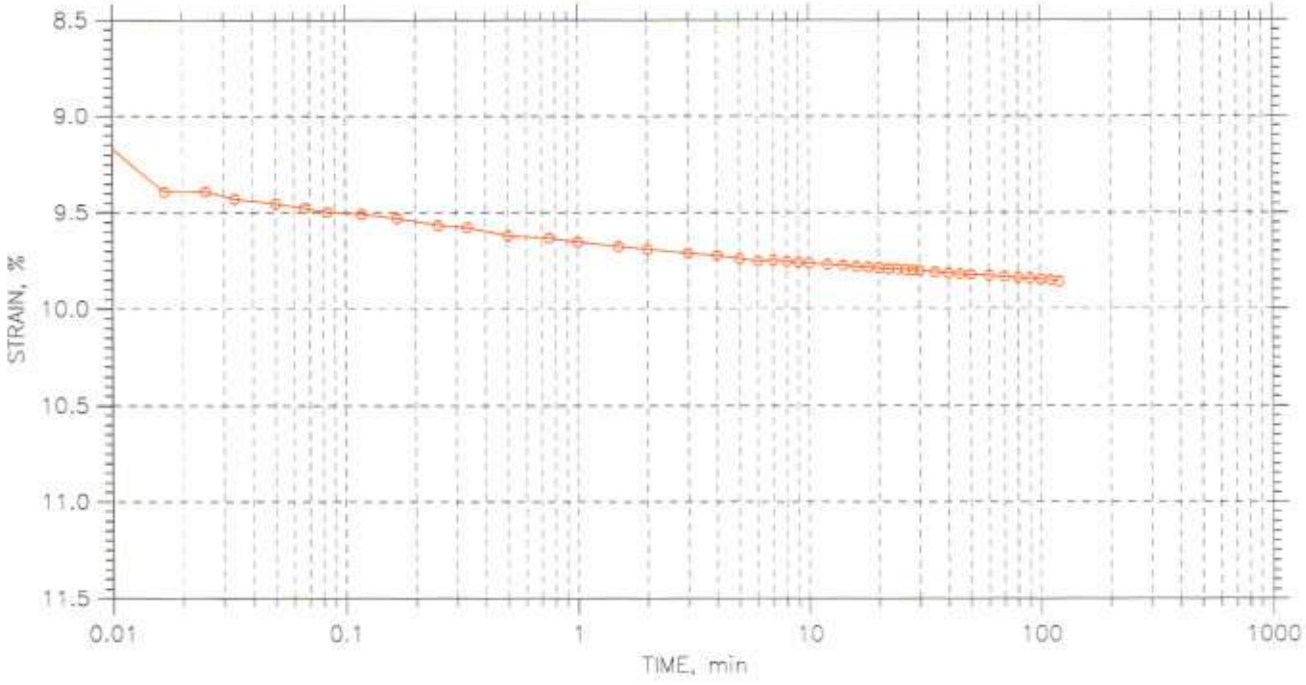
Fri, 20-OCT-2006 09:35:10

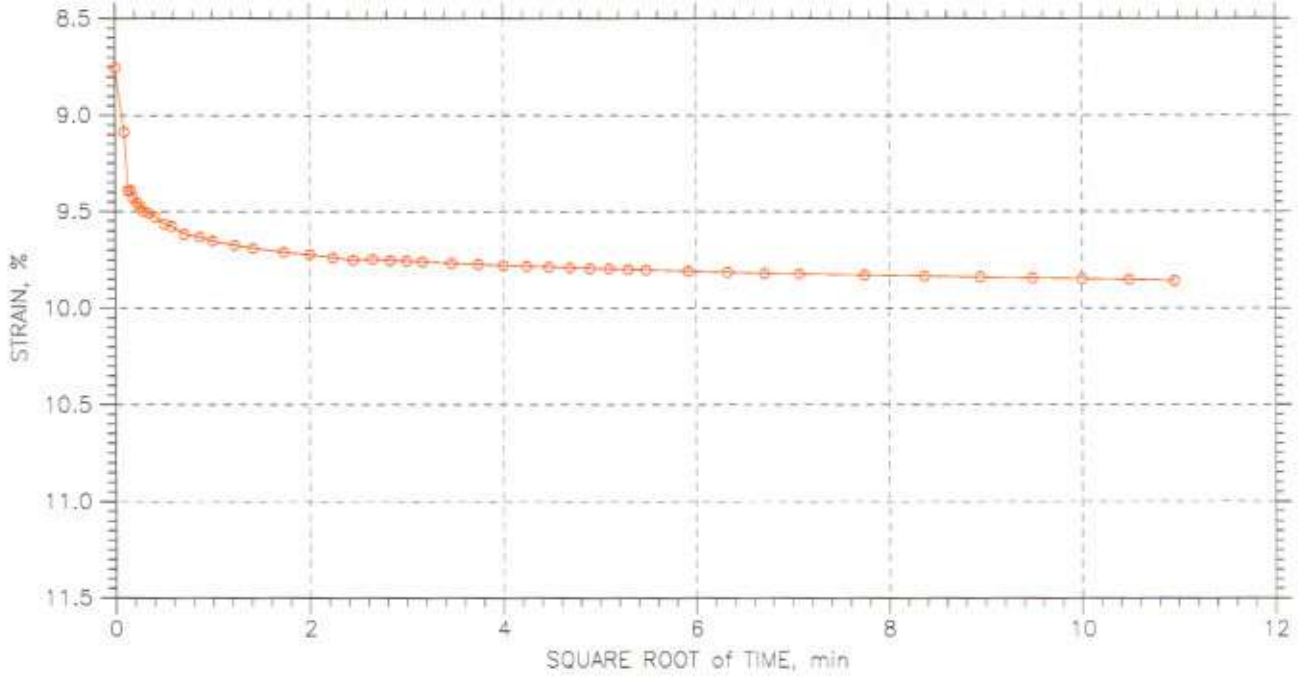
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 18

Stress: 4. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

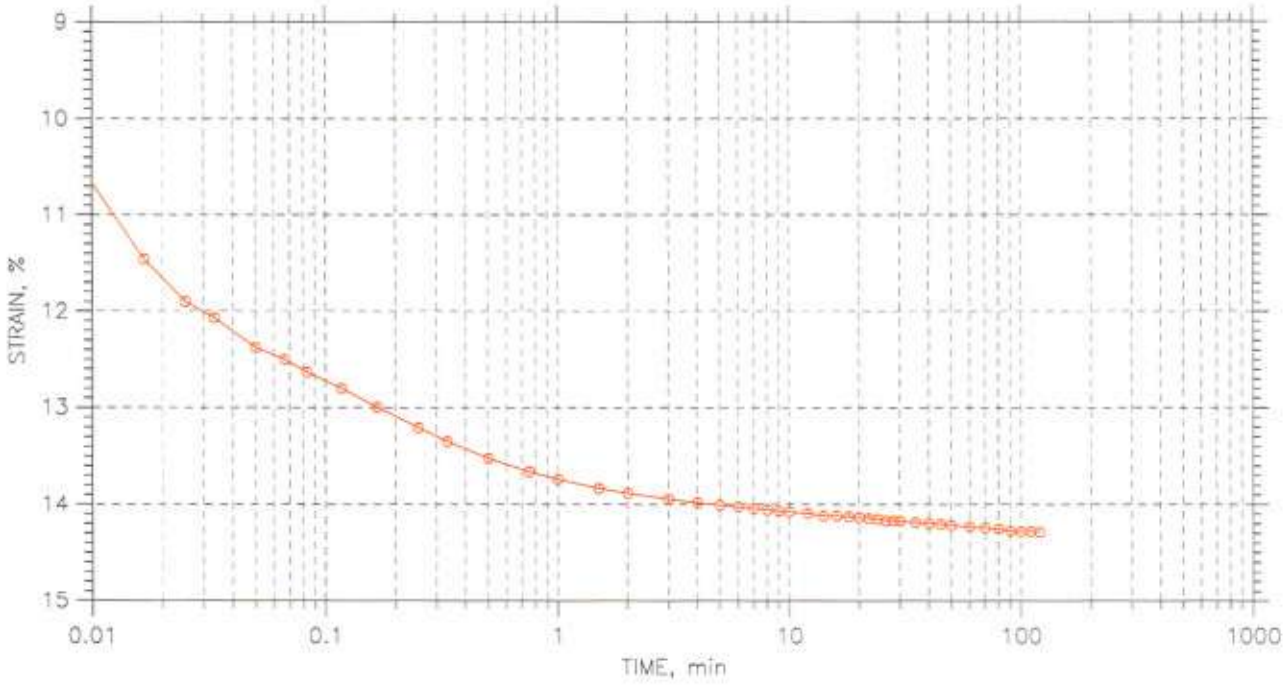
Fri, 20-OCT-2006 09:35:10

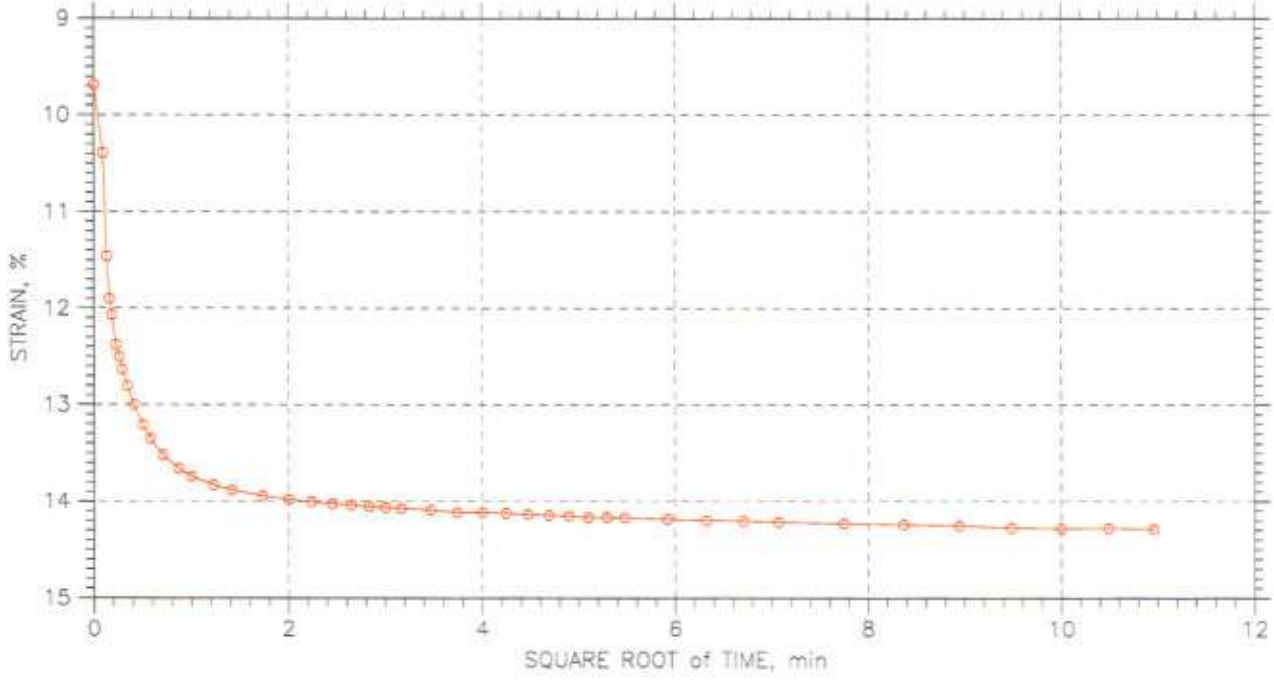
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 18

Stress: 8. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

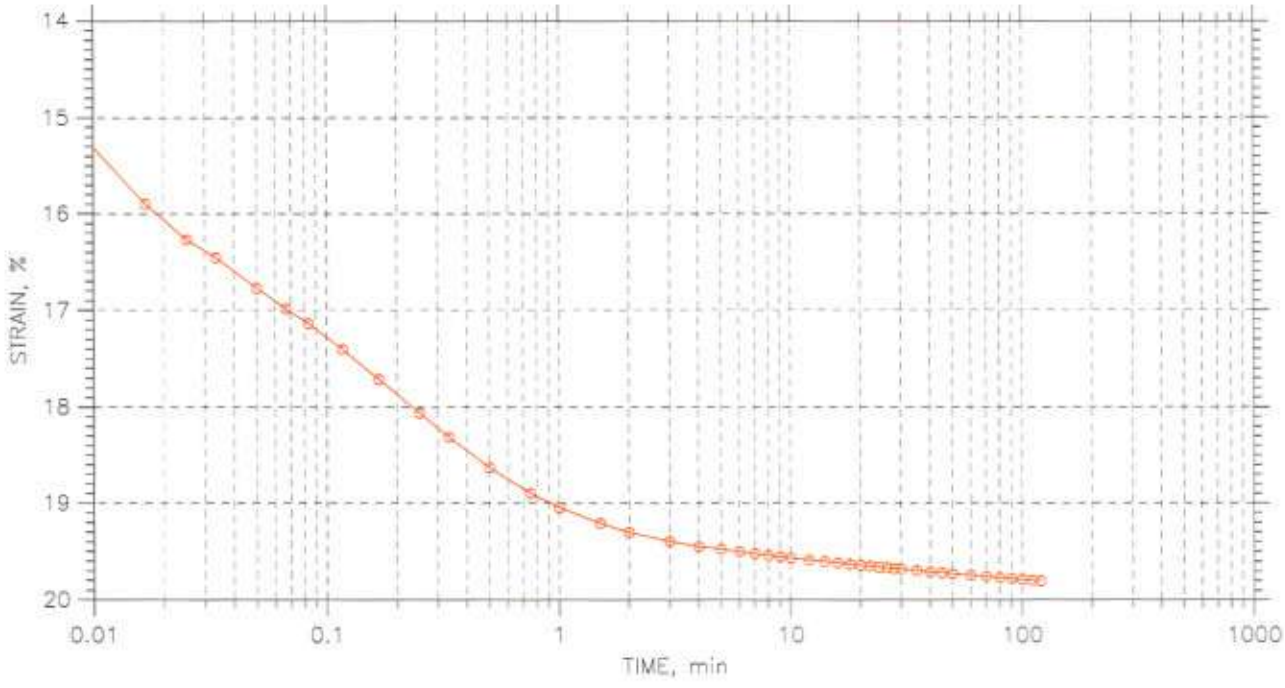
Fri, 20-OCT-2006 09:35:10

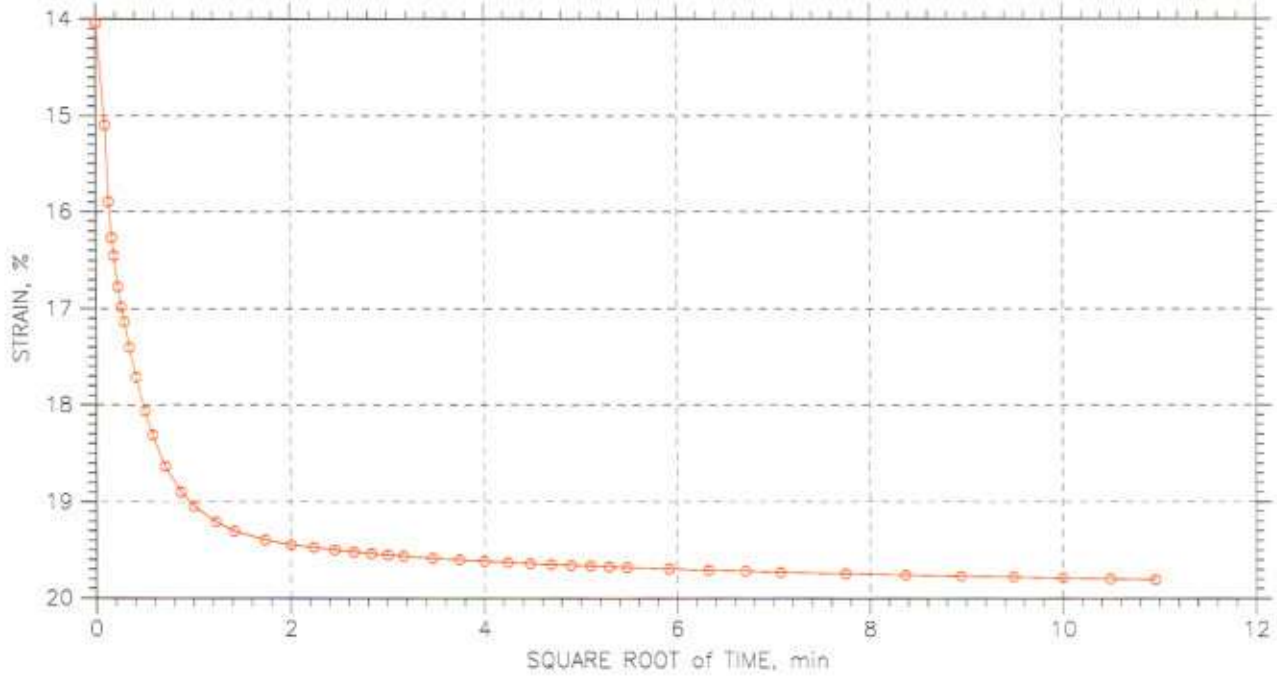
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 18

Stress: 16. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

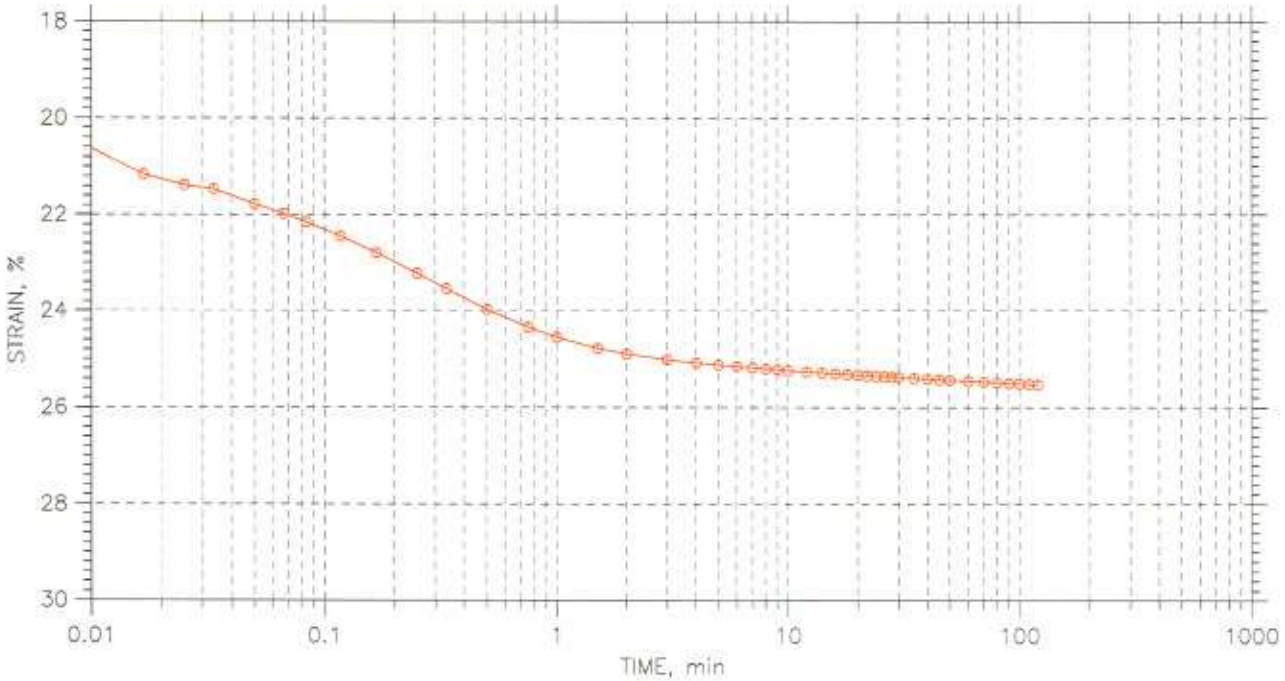
Fri, 20-OCT-2006 09:35:10

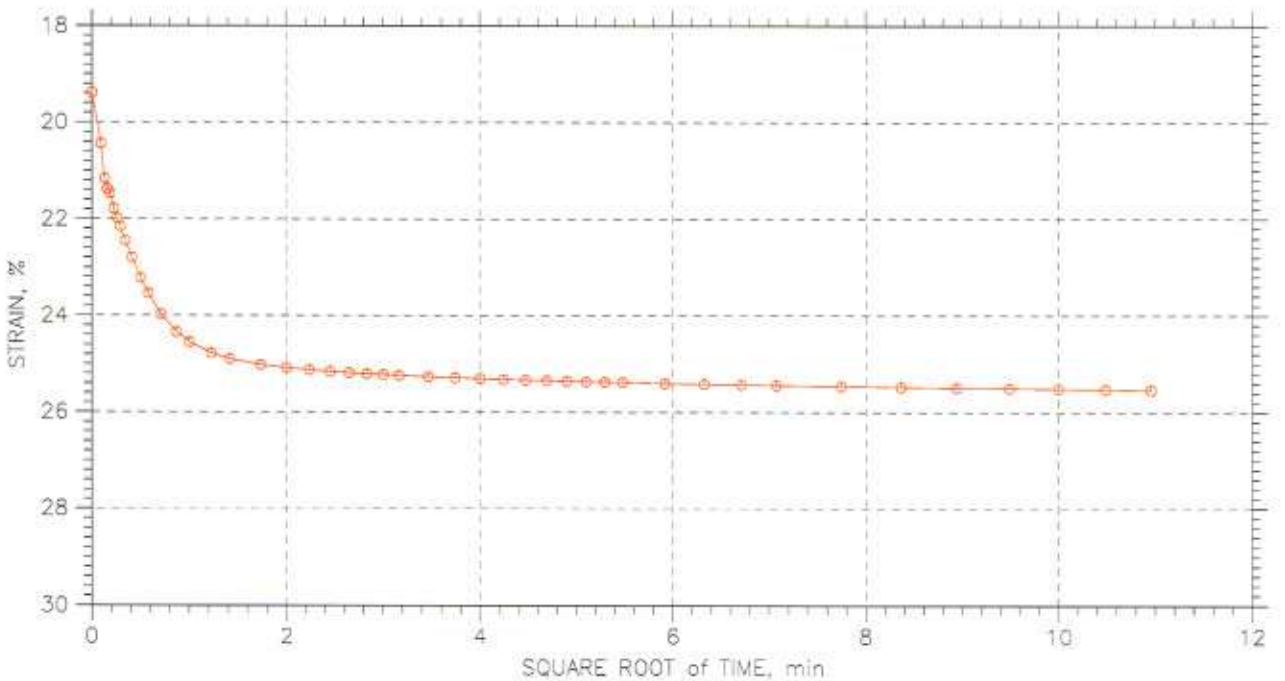
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 18

Stress: 32. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

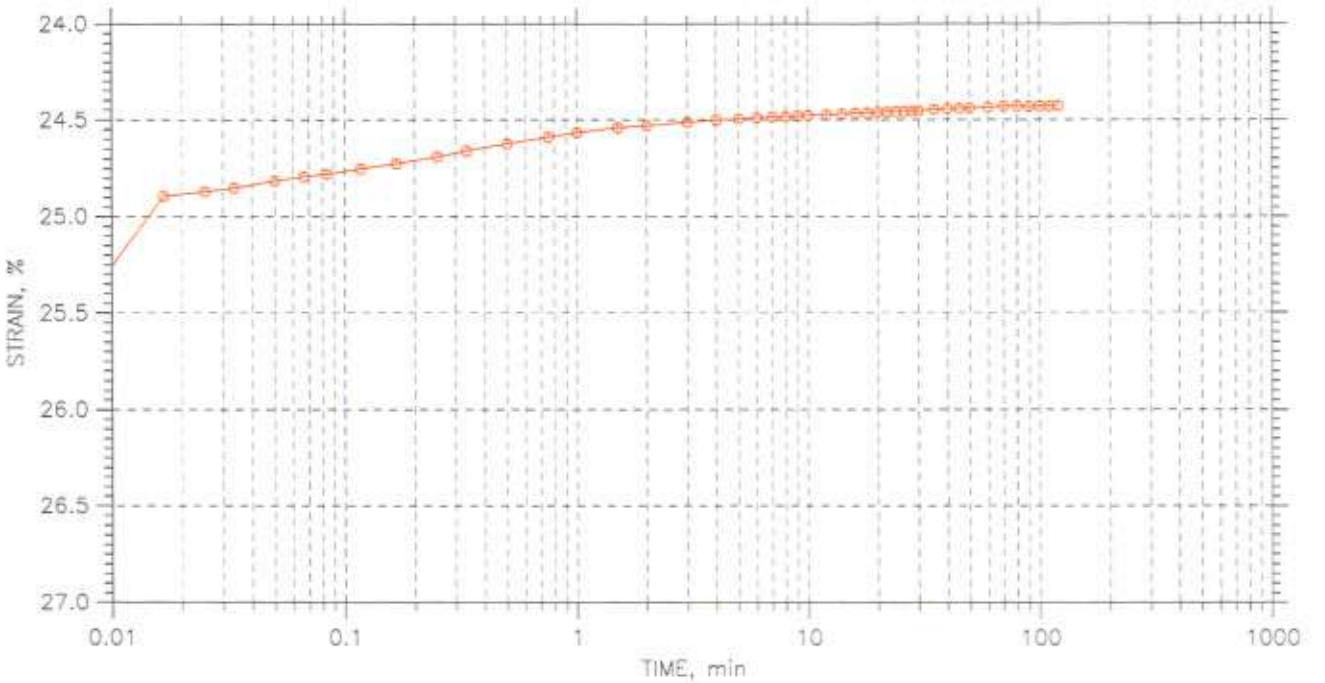
Fri, 20-OCT-2006 09:35:10

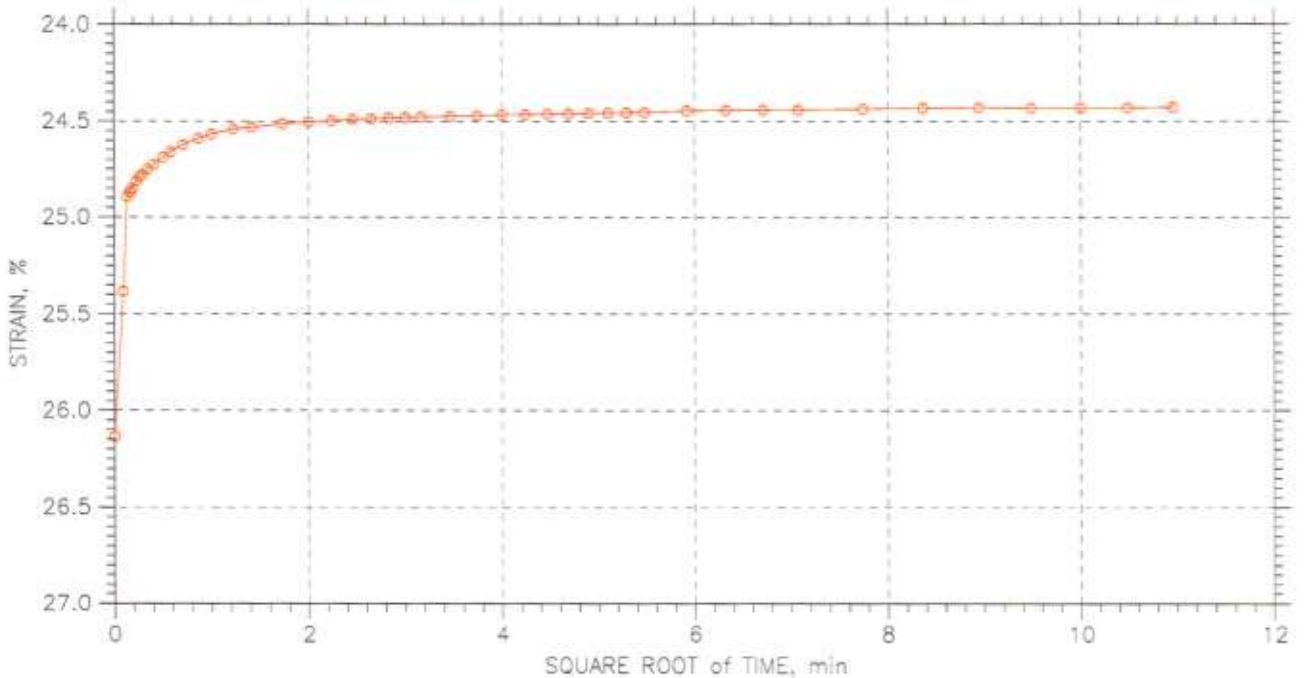
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 18

Stress: 8. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

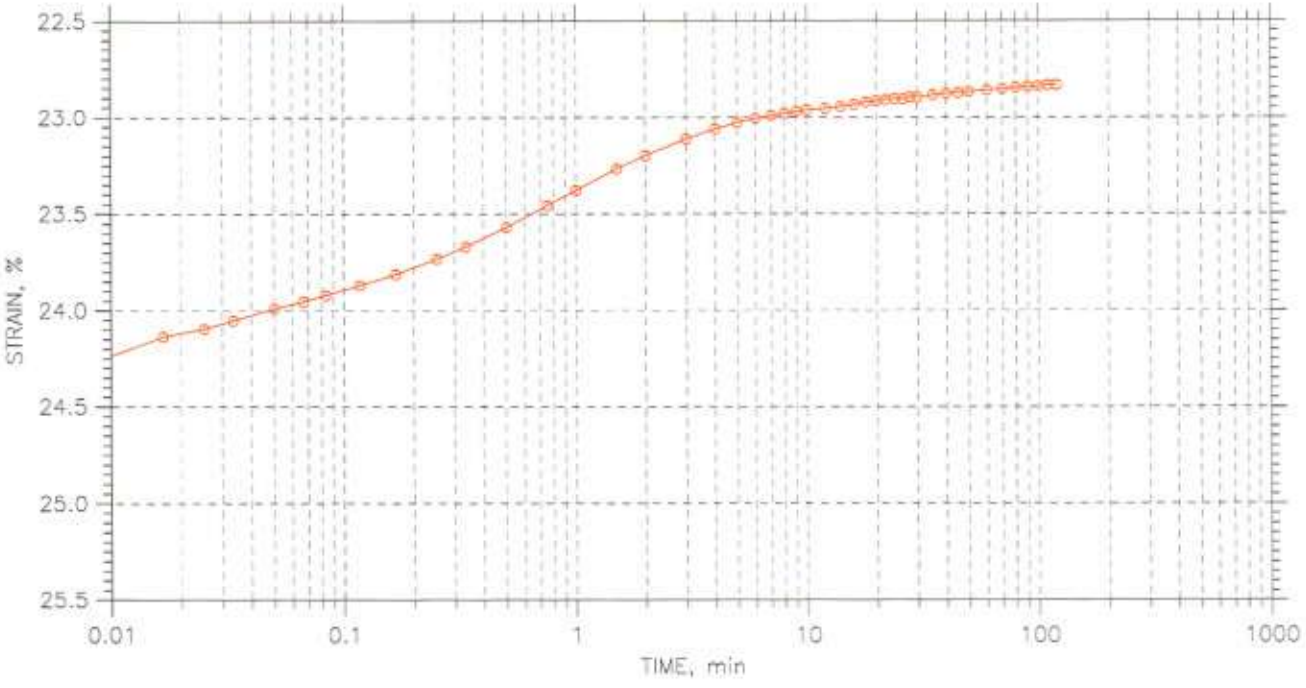
Fri, 20-OCT-2006 09:35:10

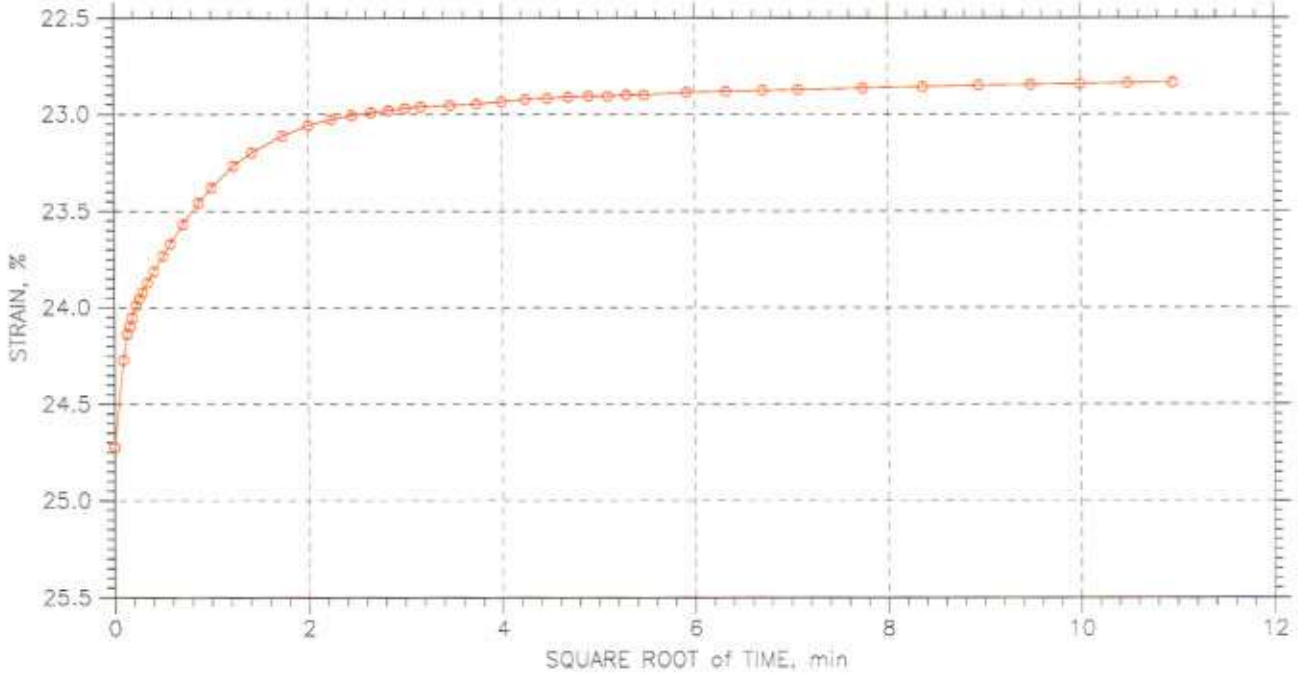
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 17 of 18

Stress: 2. tsf





GeoTesting express (a subsidiary of Geotechs Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mo	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

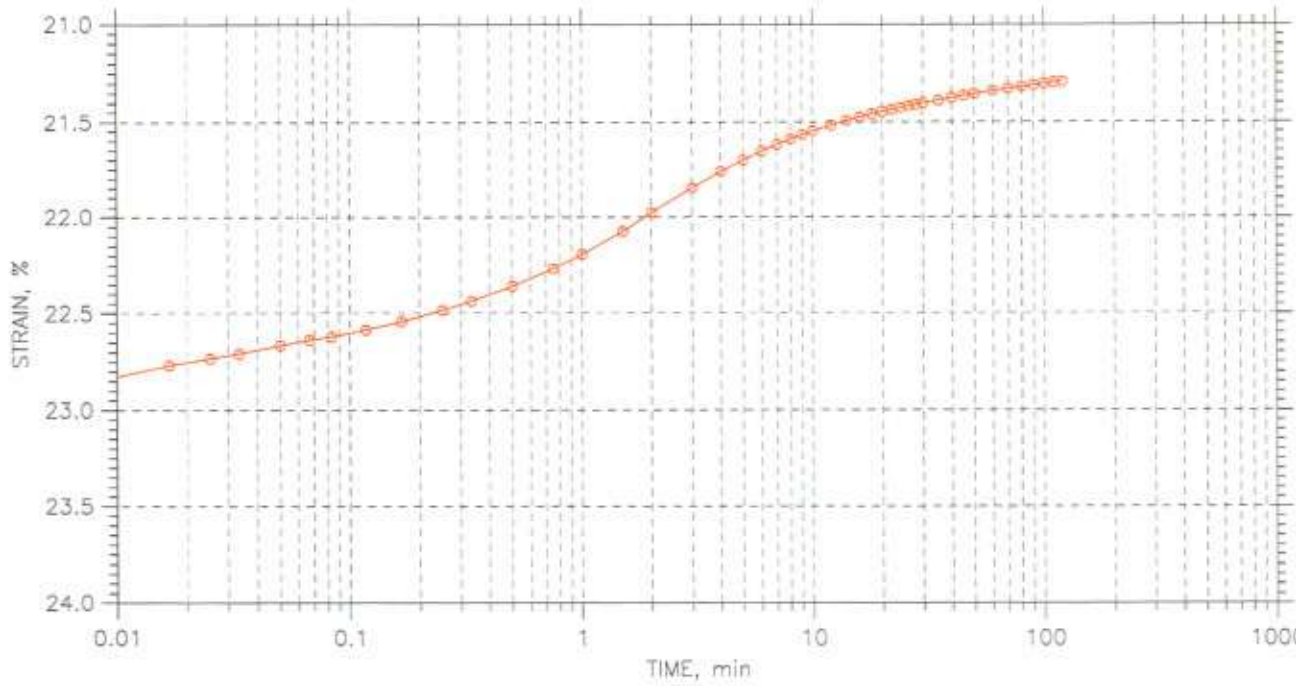
Fri, 20-OCT-2006 09:35:10

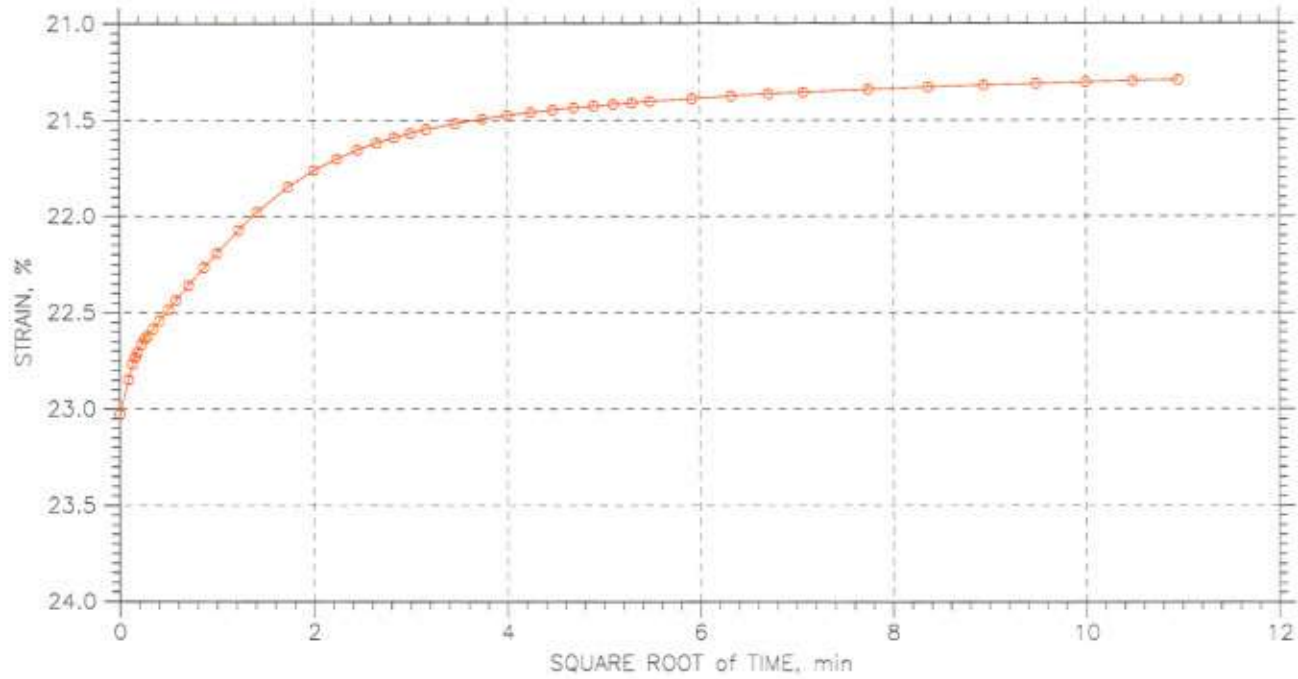
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 18 of 18

Stress: 0.5 tsf



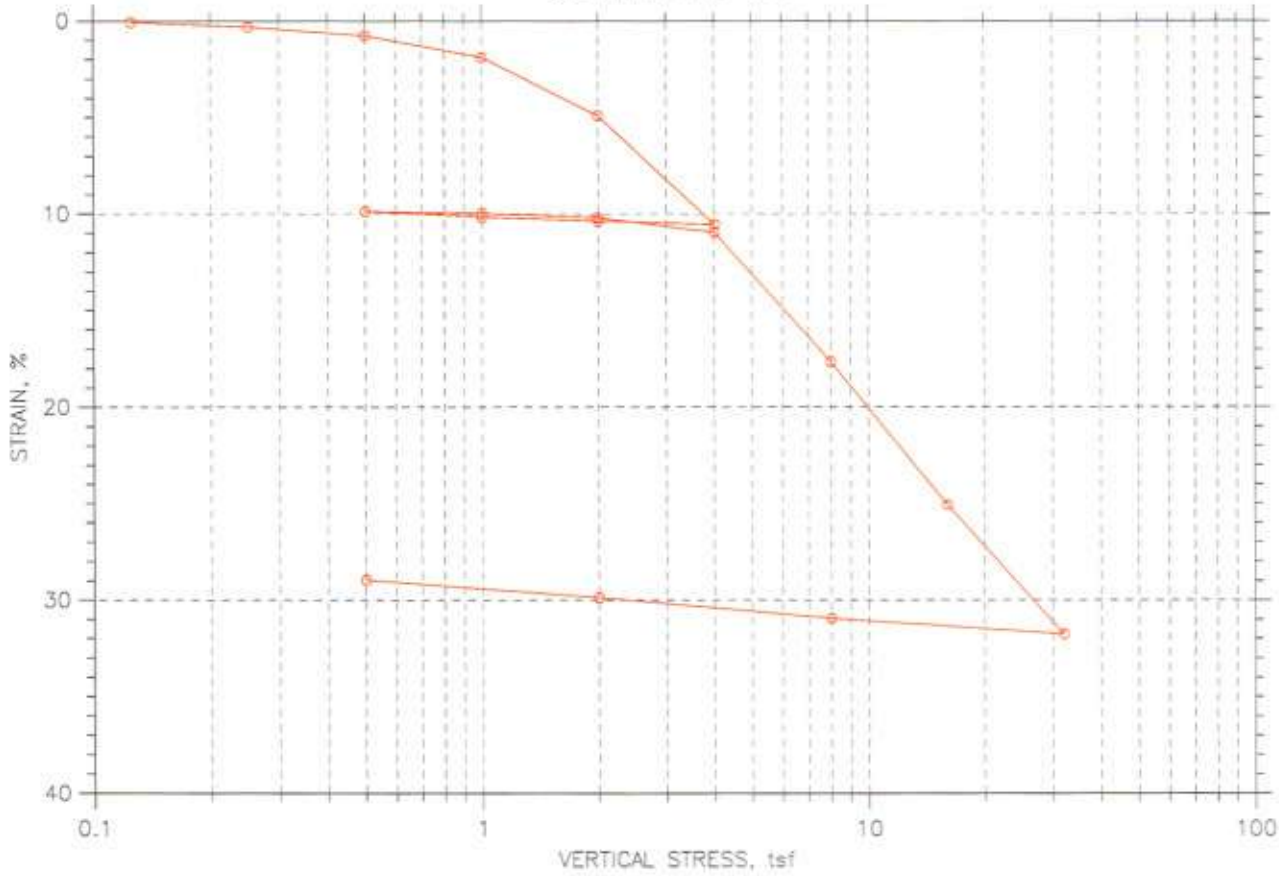


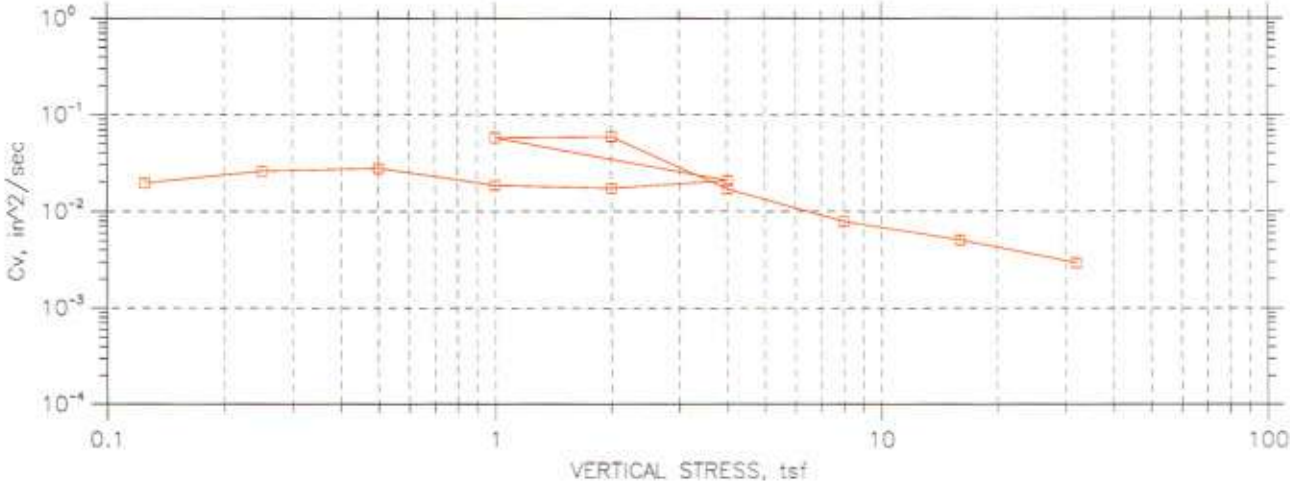
GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-1	Test Date: 08/04/06	Depth: 14-17 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System G		

Fri, 20-OCT-2006 09:35:10

CONSOLIDATION TEST DATA

SUMMARY REPORT



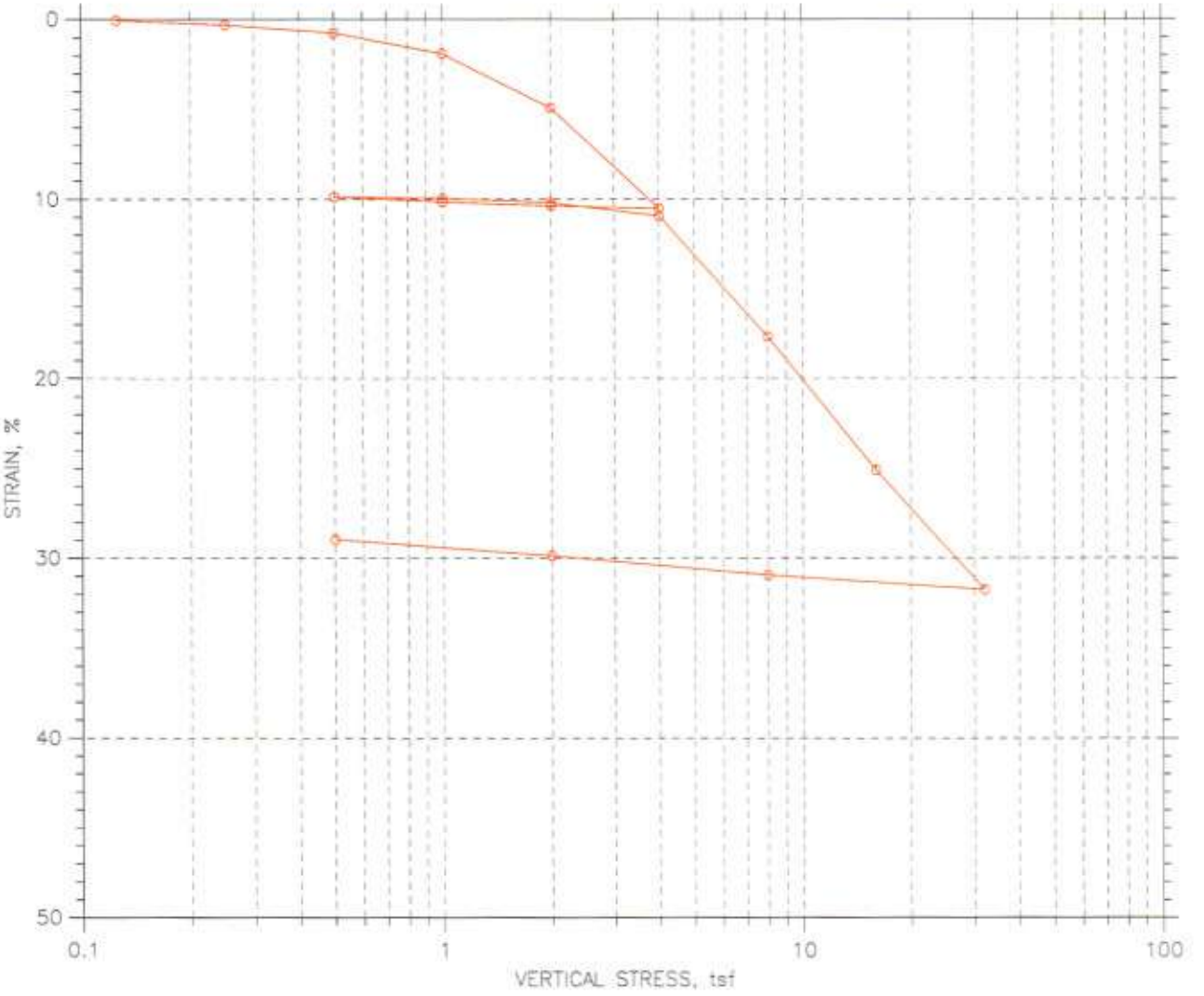


GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

Fri, 20-OCT-2006 09:33:53

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	59.24	41.28
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	57.6	81.07
Compression Index: ---				Saturation, %	81.53	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	2.03	1.16
LL: ---	PL: ---	PI: ---	GS: 2.80			

GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

Fri, 20-OCT-2006 09:33:53

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-4
Sample No.: S-2
Test No.: C-1

Location: Bayamon, PR
Tested By: md
Test Date: 08/03/06
Sample Type: Tube

Project No.: GTX-6868
Checked By: jdt
Depth: 19-22 ft
Elevation: ---

Soil Description: Moist, brown clay
Remarks: System C

Measured Specific Gravity: 2.80
Initial Void Ratio: 2.03
Final Void Ratio: 1.16

Liquid Limit: ---
Plastic Limit: ---
Plasticity Index: ---

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	YTW	RING		I8-1A
Wt. Container + Wet Soil, gm	285.37	333.73	320.4	116.62
Wt. Container + Dry Soil, gm	190.05	289.76	289.76	84.92
Wt. Container, gm	8.31	215.54	215.54	8.13
Wt. Dry Soil, gm	181.74	74.221	74.221	76.79
Water Content, %	52.45	59.24	41.28	41.28
Void Ratio	---	2.03	1.16	---
Degree of Saturation, %	---	81.53	99.99	---
Dry Unit Weight, pcf	---	57.601	81.074	---

CONSOLIDATION TEST DATA

Project: Caridad del Cobre
Boring No.: B-4
Sample No.: S-2
Test No.: C-1

Location: Bayamon, PR
Tested By: md
Test Date: 08/03/06
Sample Type: Tube

Project No.: GTX-6868
Checked By: jdt
Depth: 19-22 ft
Elevation: ---

Soil Description: Moist, brown clay
Remarks: System C

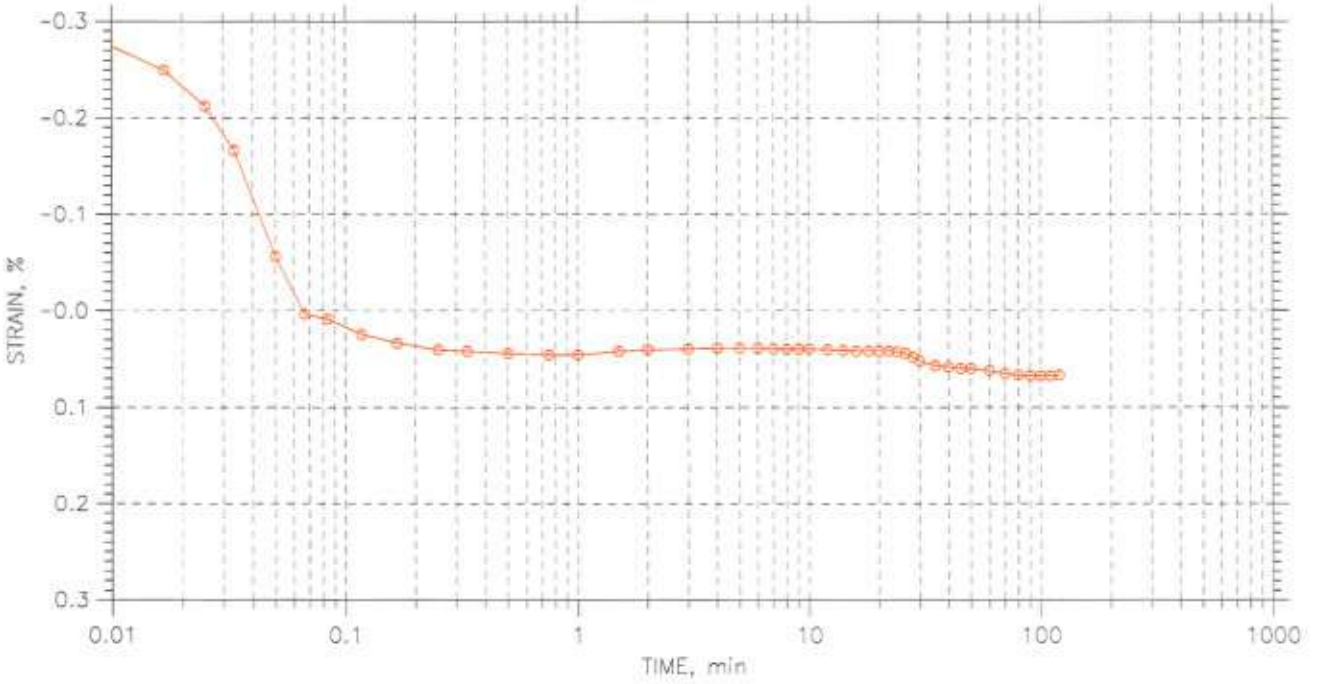
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.125	0.0006688	2.033	0.07	0.0	0.0	1.96e-002	0.00e+000	1.96e-002
2	0.25	0.003054	2.025	0.31	0.0	0.0	2.59e-002	0.00e+000	2.59e-002
3	0.5	0.007531	2.012	0.75	0.0	0.0	2.80e-002	2.75e-002	2.77e-002
4	1	0.01887	1.977	1.89	0.1	0.0	1.39e-002	2.75e-002	1.85e-002
5	2	0.04903	1.886	4.90	0.1	0.0	1.43e-002	2.18e-002	1.72e-002
6	4	0.1052	1.715	10.52	0.0	0.0	1.99e-002	2.17e-002	2.08e-002
7	2	0.1035	1.721	10.35	0.0	0.0	1.19e-001	0.00e+000	1.19e-001
8	1	0.1014	1.727	10.14	0.0	0.0	6.16e-002	5.54e-002	5.83e-002
9	0.5	0.09869	1.735	9.87	0.1	0.0	1.04e-002	3.63e-002	1.61e-002
10	1	0.09948	1.733	9.95	0.0	0.0	5.79e-002	0.00e+000	5.79e-002
11	2	0.1019	1.726	10.19	0.0	0.0	5.93e-002	0.00e+000	5.93e-002
12	4	0.1093	1.703	10.93	0.1	0.0	9.95e-003	5.77e-002	1.70e-002
13	8	0.1766	1.499	17.66	0.1	0.0	5.67e-003	1.31e-002	7.92e-003
14	16	0.2508	1.274	25.08	0.1	0.1	4.52e-003	5.78e-003	5.08e-003
15	32	0.3176	1.071	31.76	0.2	0.1	2.57e-003	3.42e-003	2.94e-003
16	8	0.3094	1.096	30.94	0.0	0.0	3.58e-002	0.00e+000	3.58e-002
17	2	0.2986	1.129	29.86	0.2	0.0	2.18e-003	0.00e+000	2.18e-003
18	0.5	0.2895	1.156	28.95	0.7	0.6	5.89e-004	7.13e-004	6.45e-004

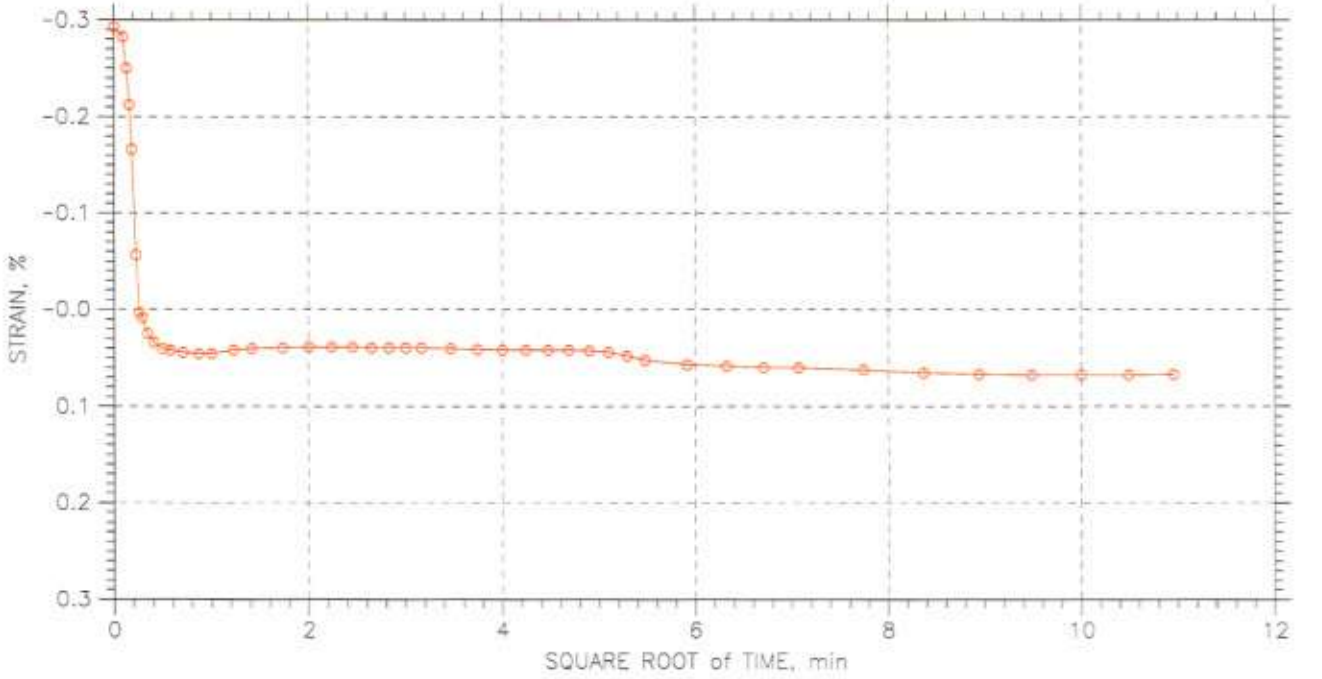
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 18

Stress: 0.125 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

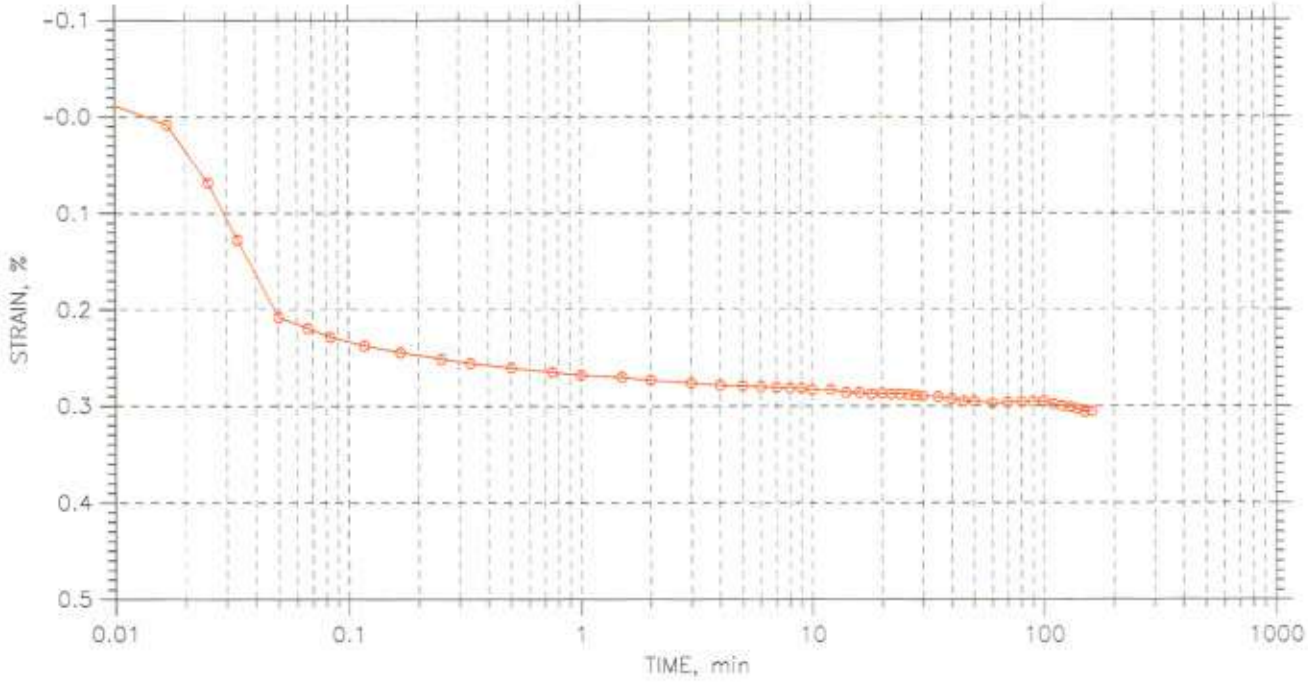
Fri, 20-OCT-2006 09:33:53

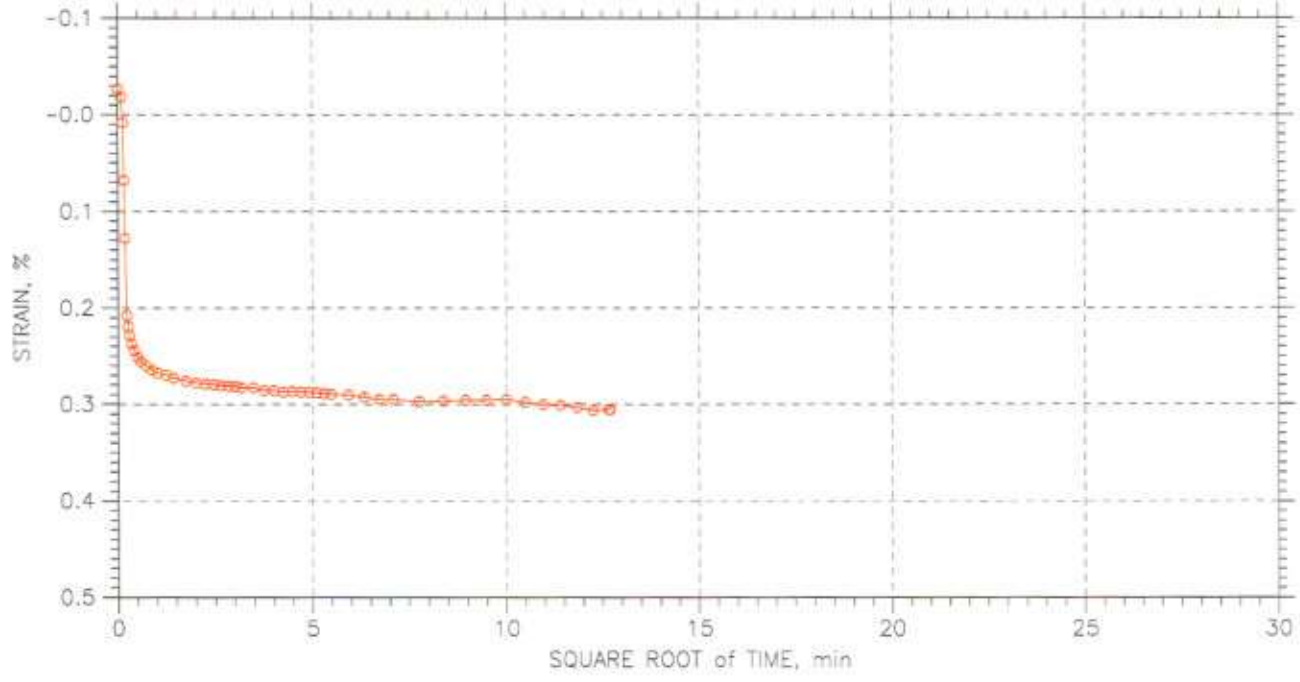
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 18

Stress: 0.25 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

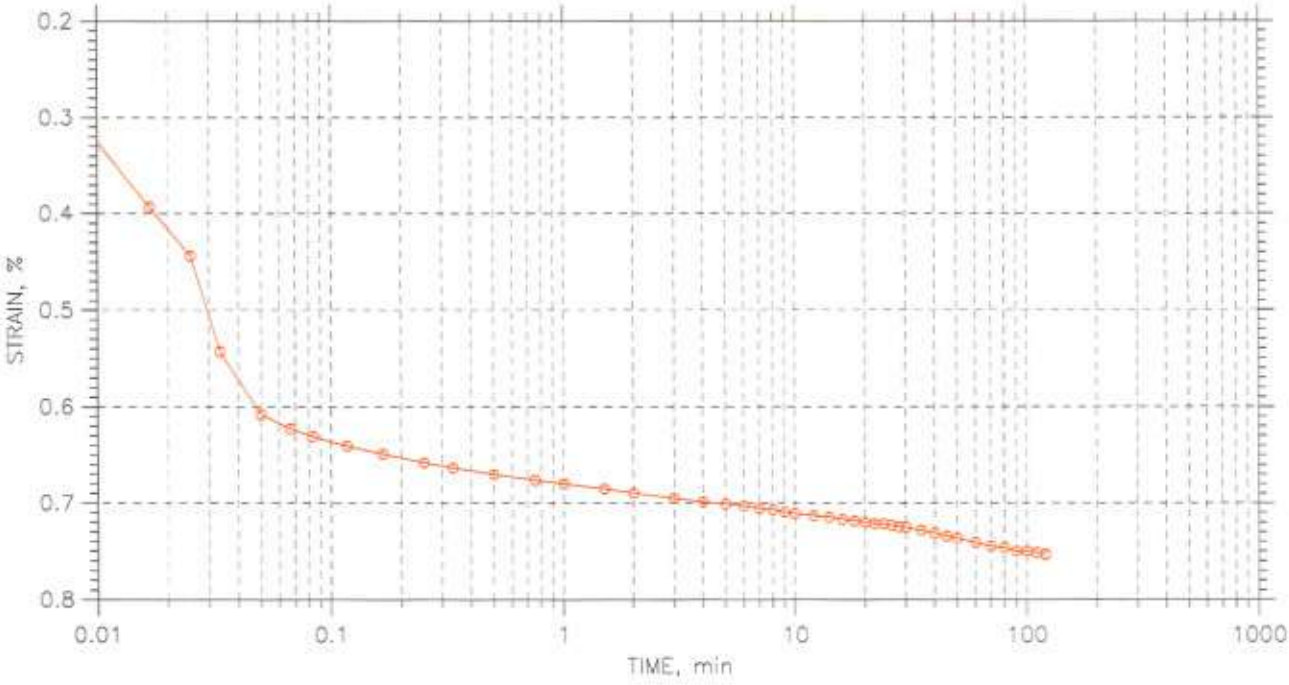
Fri, 20-OCT-2006 09:33:53

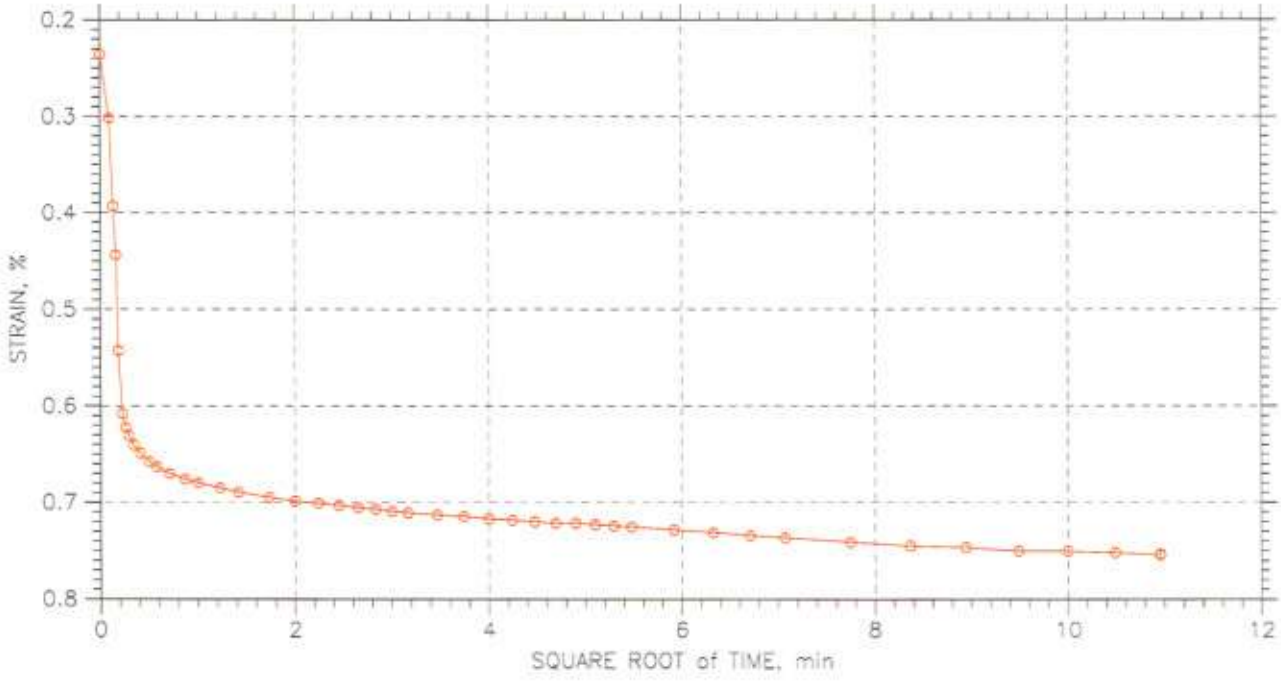
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

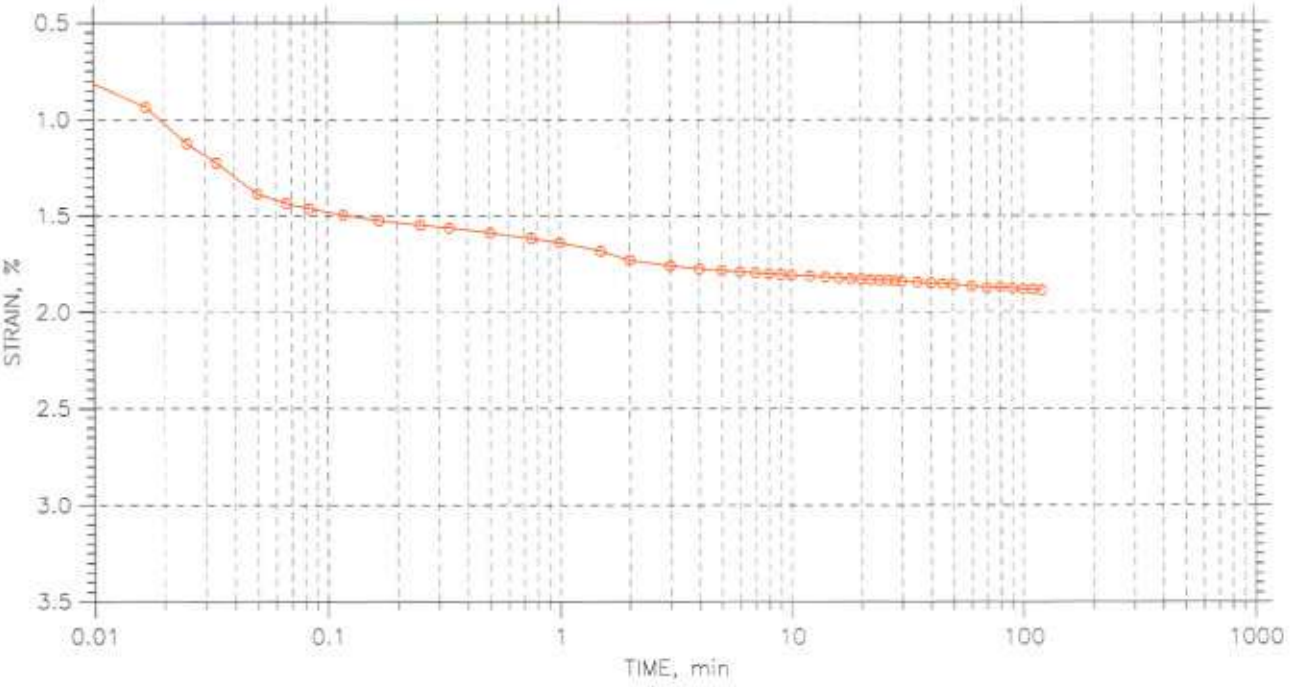
Fri, 20-OCT-2006 09:33:53

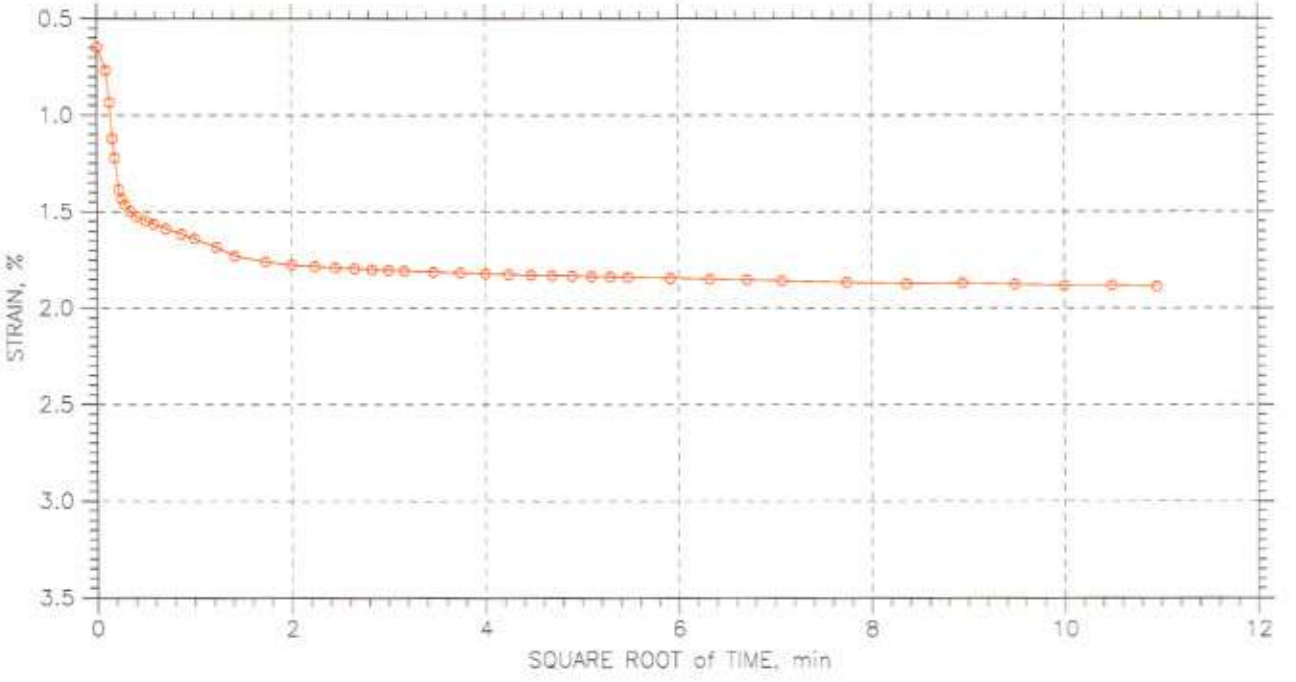
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

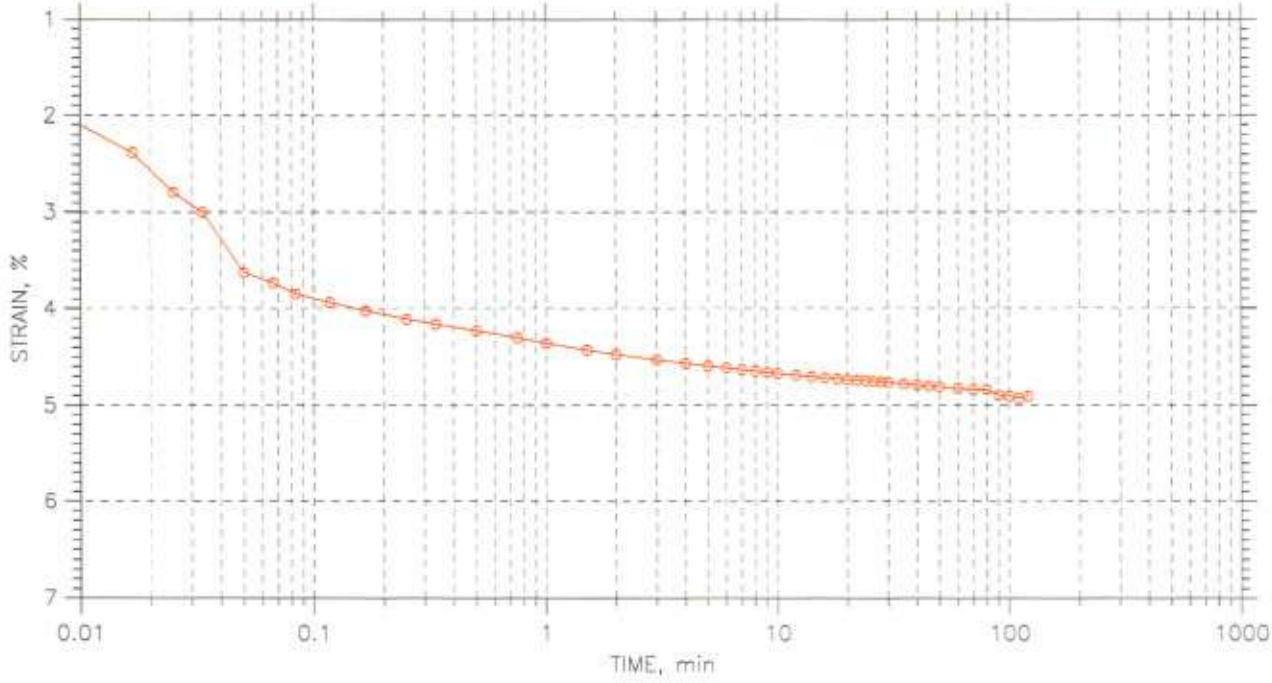
Fri, 20-OCT-2006 09:33:53

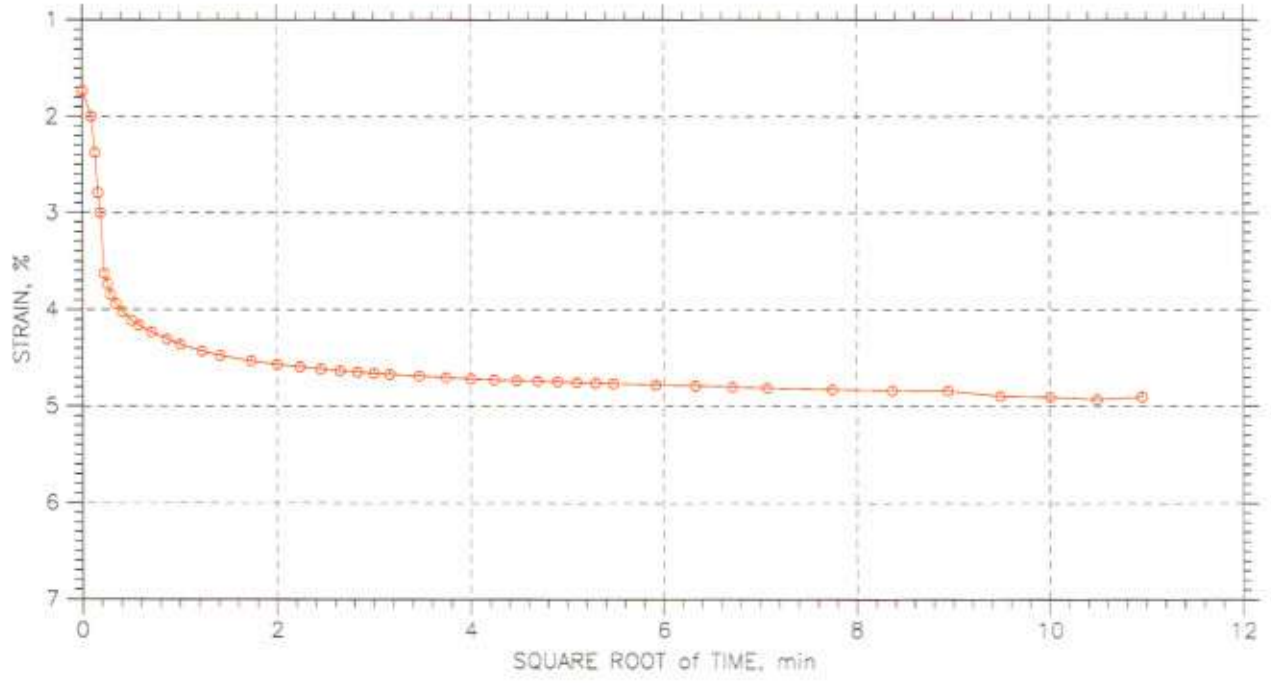
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

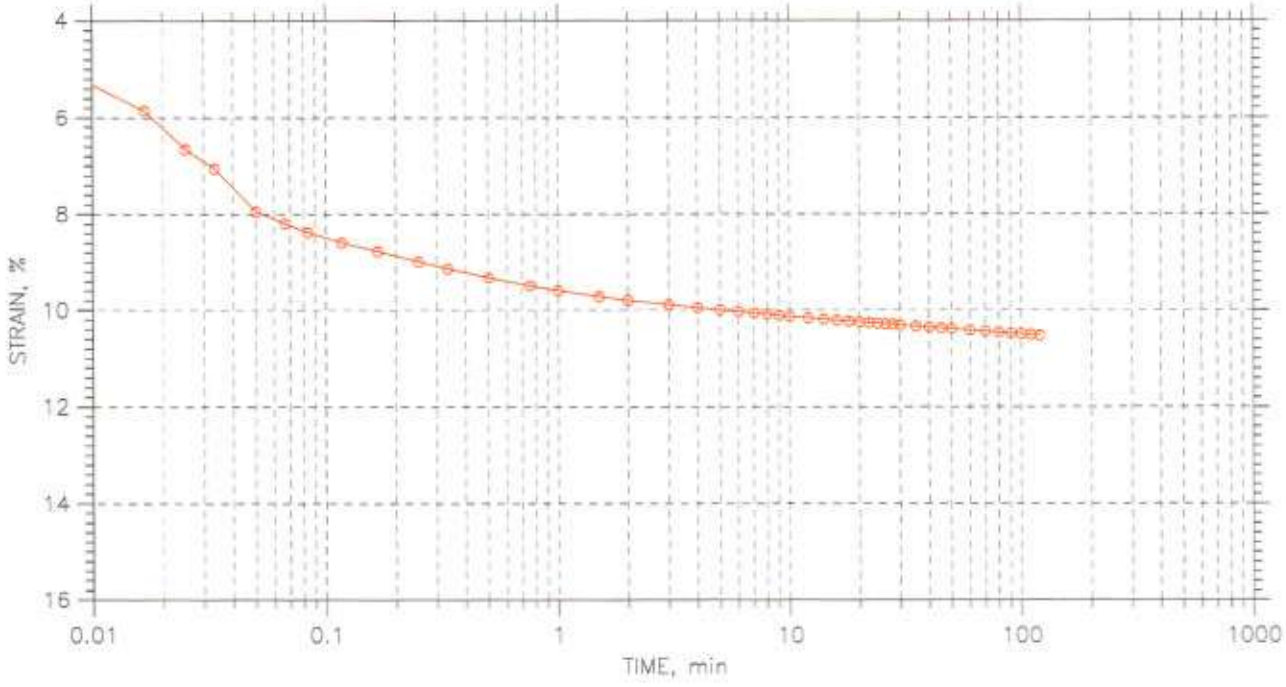
Fri, 20-OCT-2006 09:33:53

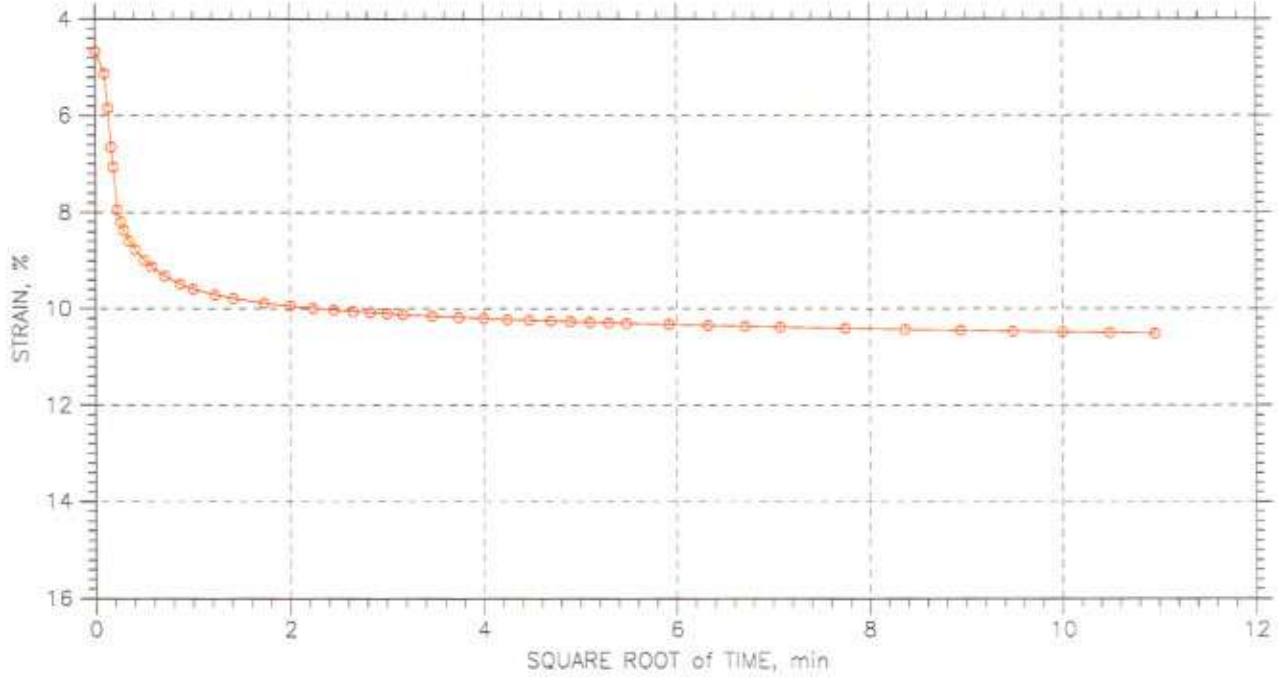
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 18

Stress: 4. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mo	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

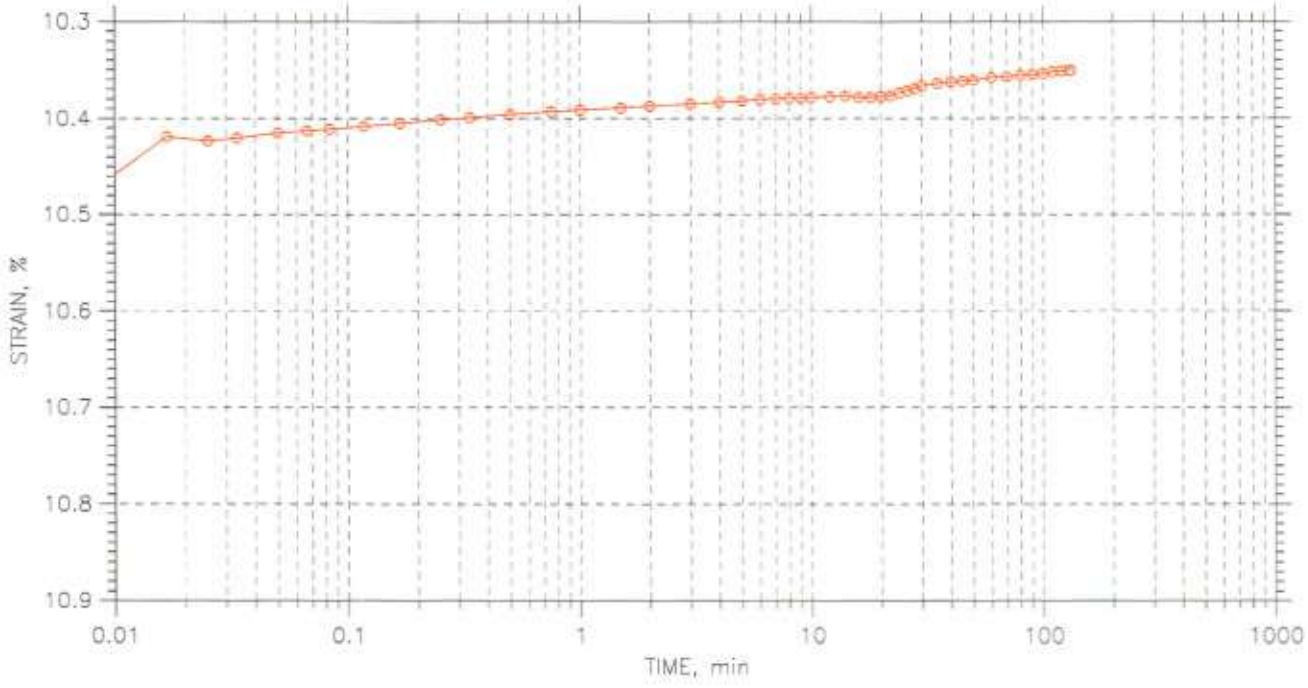
Fri, 20-OCT-2006 09:33:53

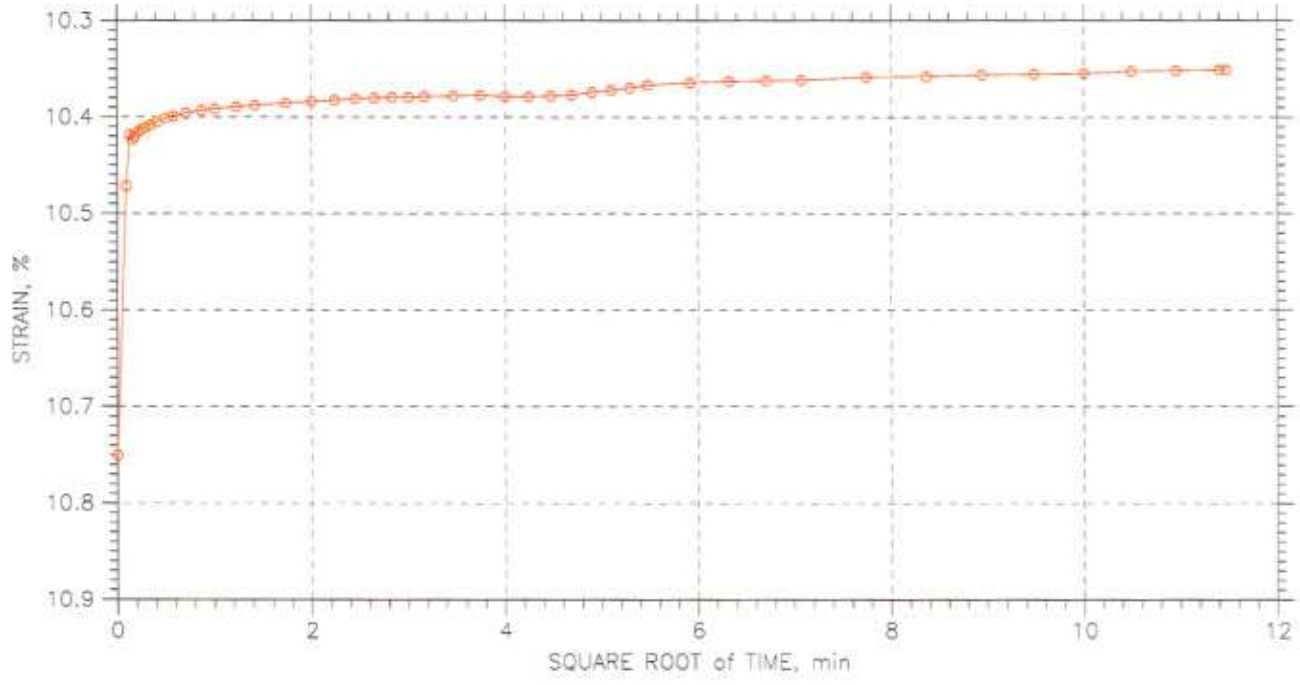
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

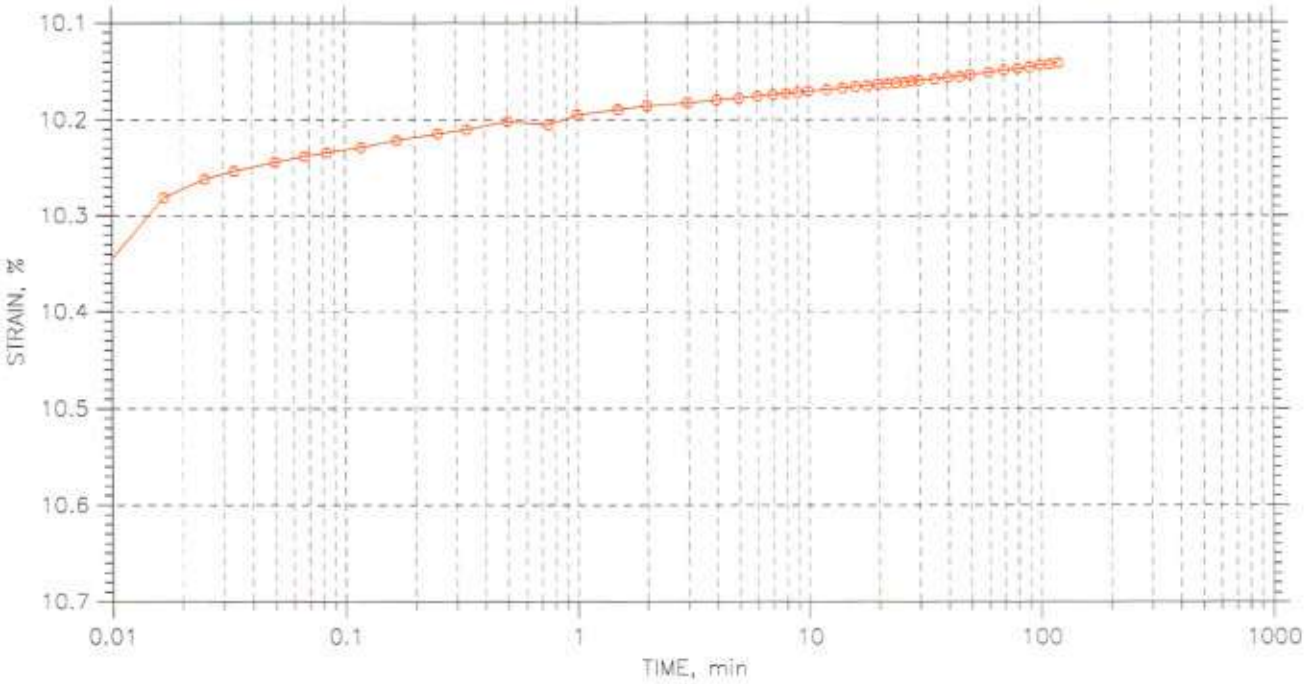
Fri, 20-OCT-2006 09:33:53

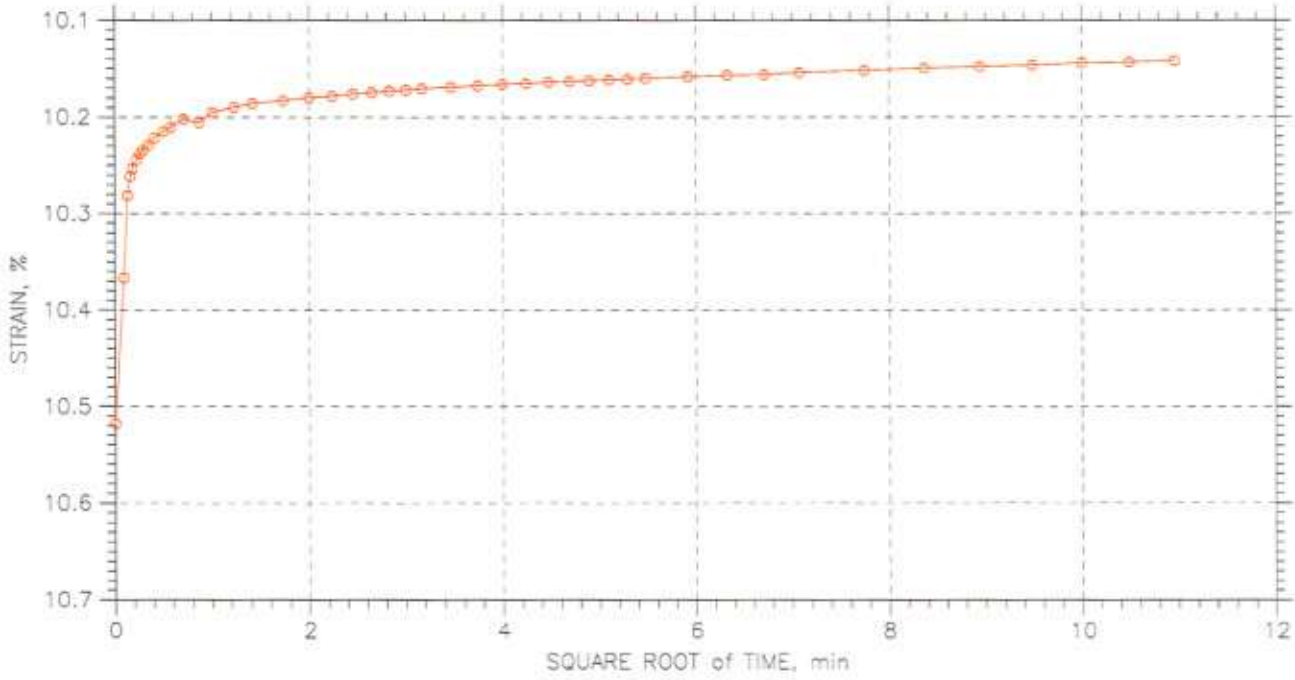
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 18

Stress: 1. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

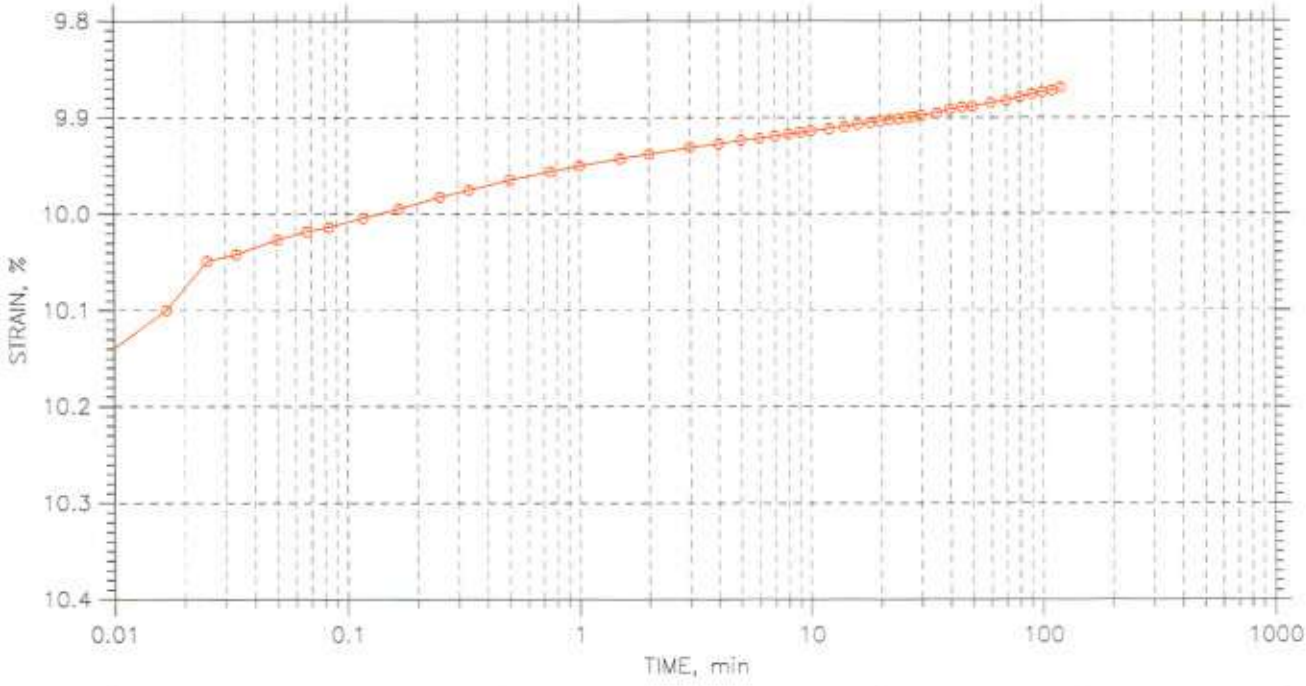
Fri, 20-OCT-2006 09:33:53

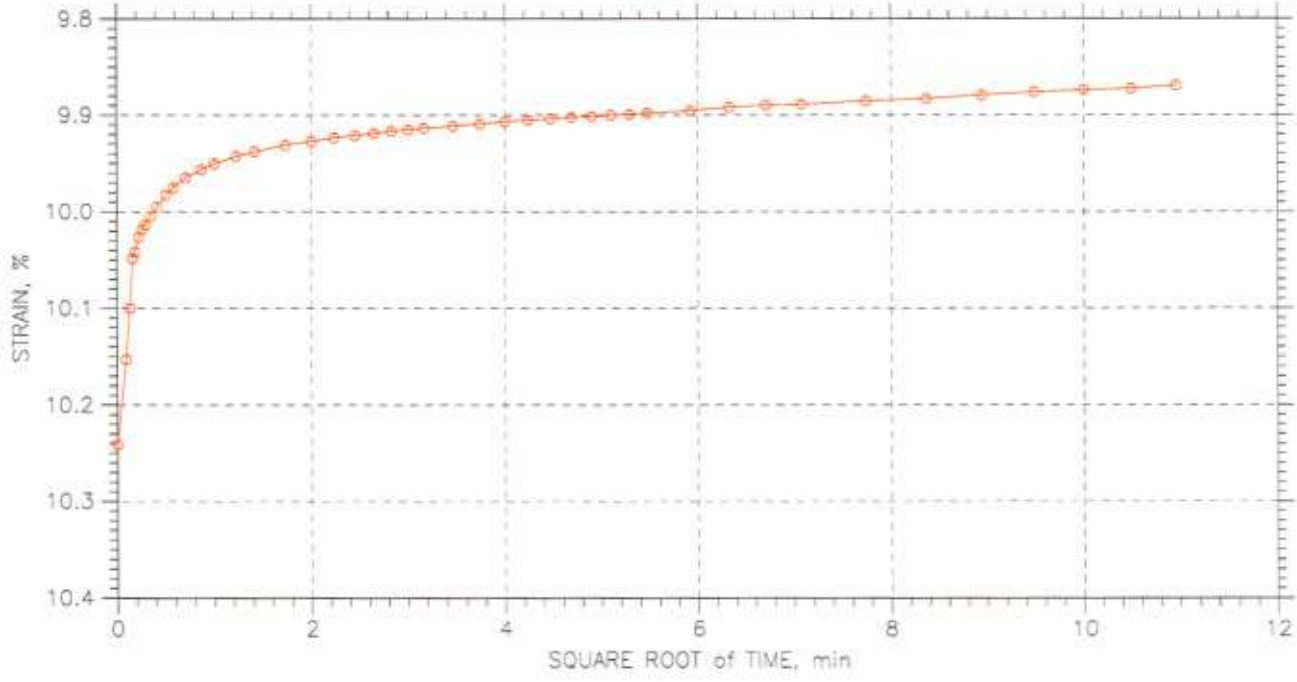
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

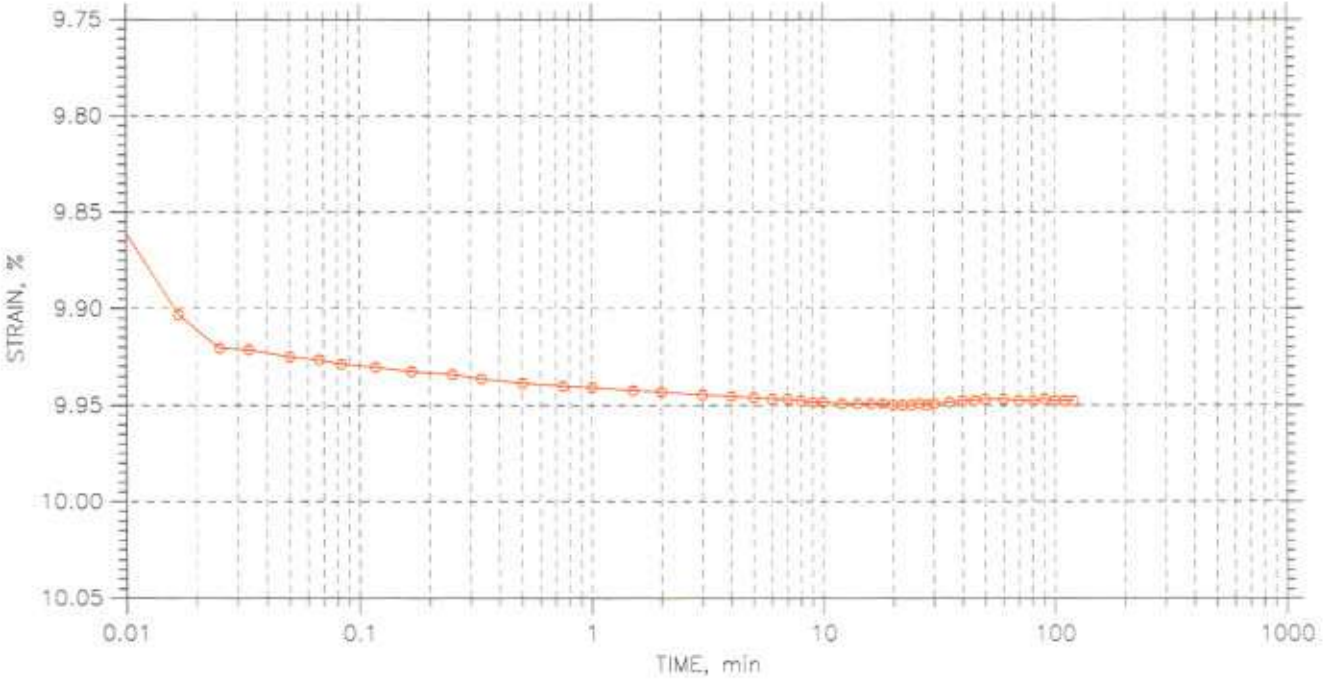
Fri, 20-OCT-2006 09:33:53

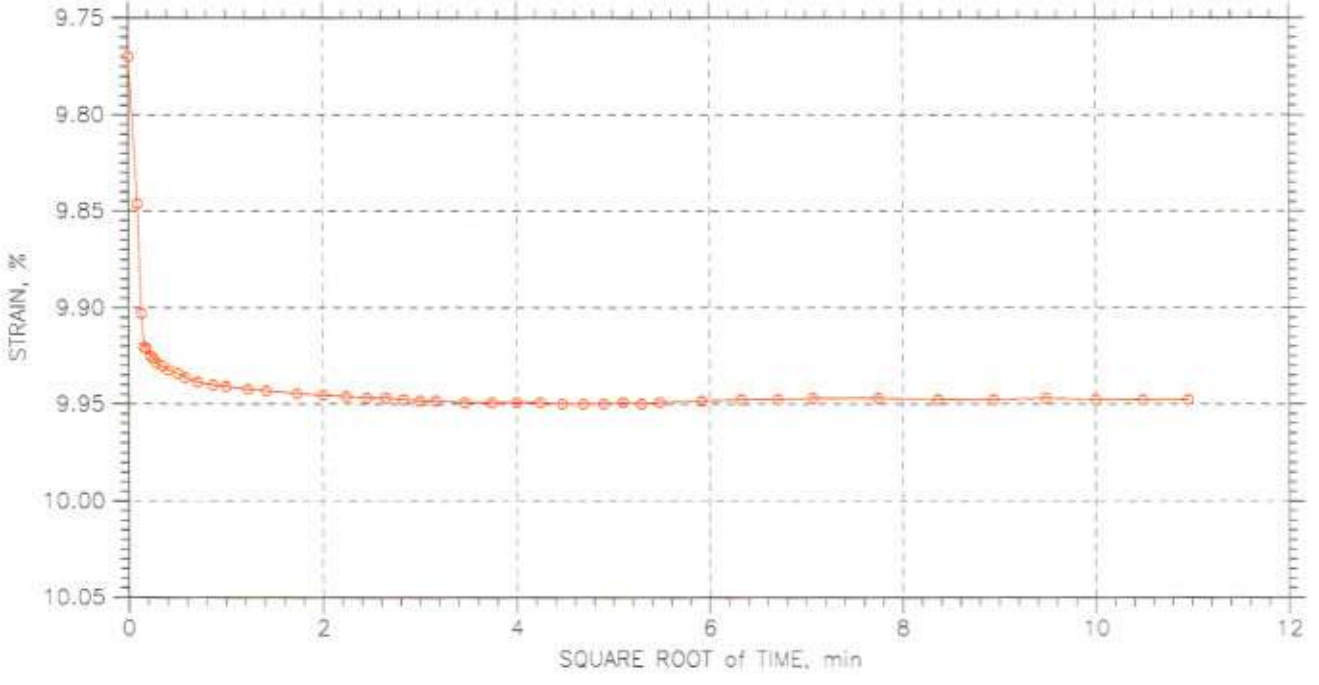
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 18

Stress: 1. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

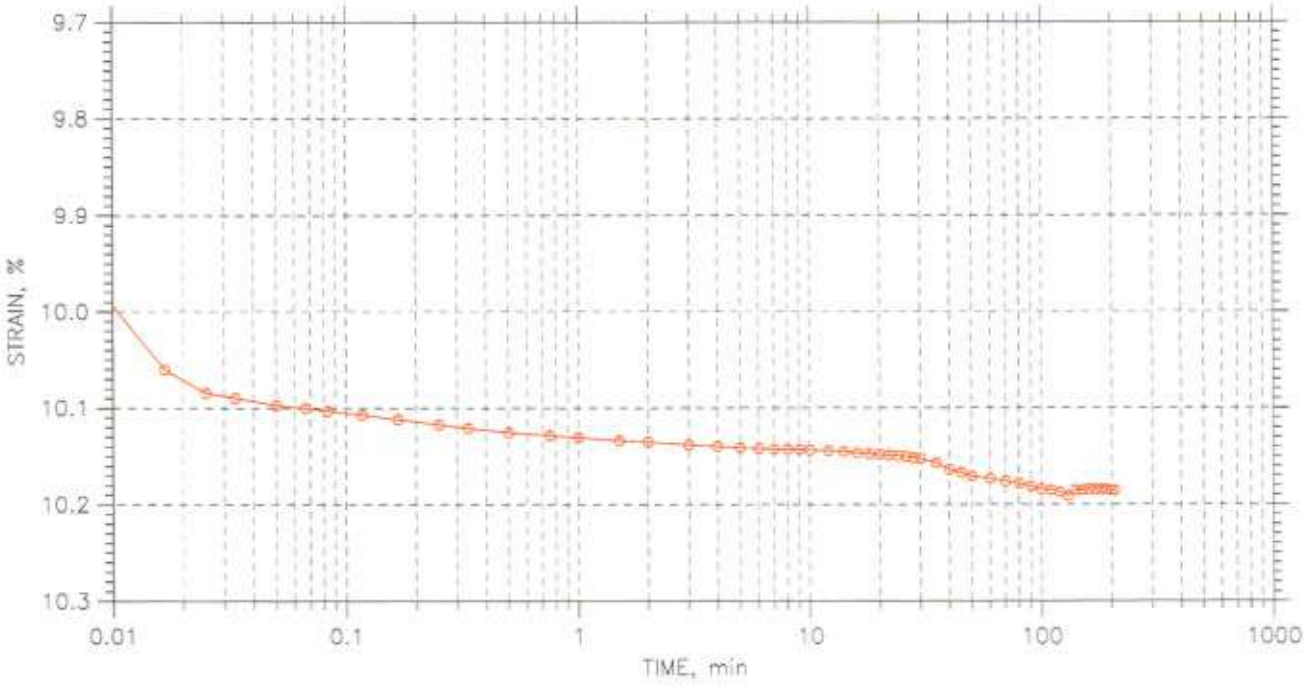
Fri, 20-OCT-2006 09:33:53

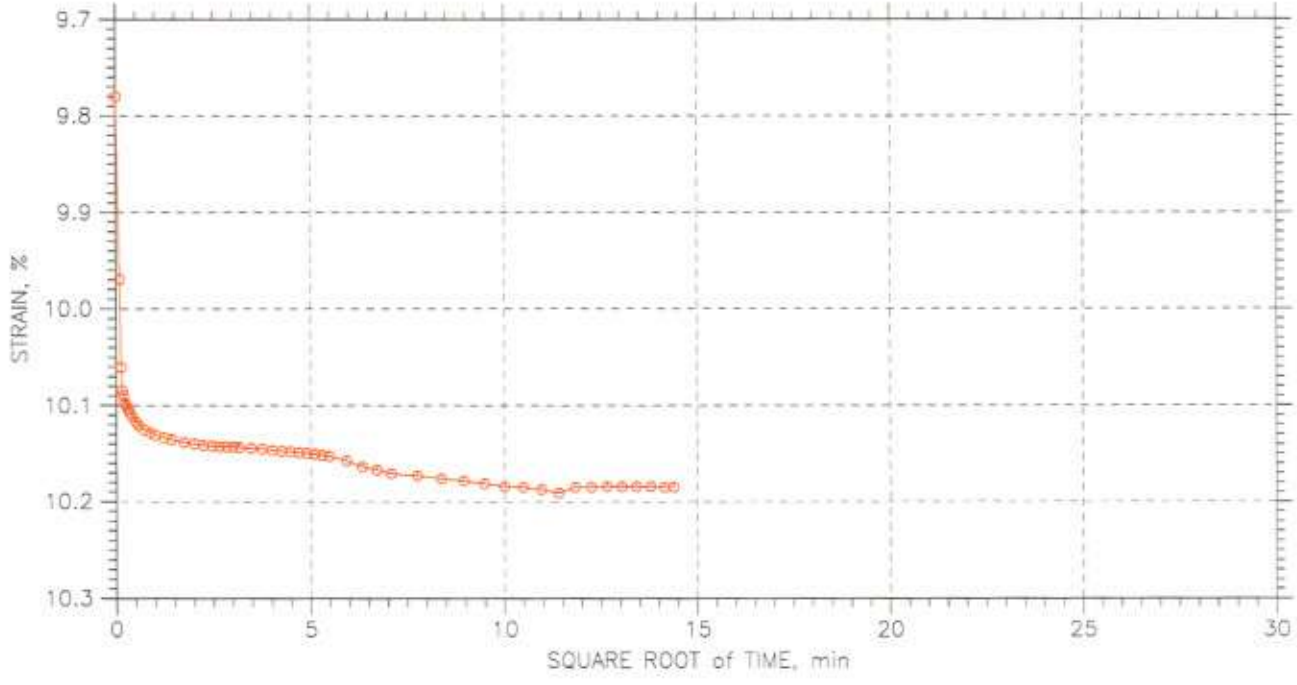
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 18

Stress: 2. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

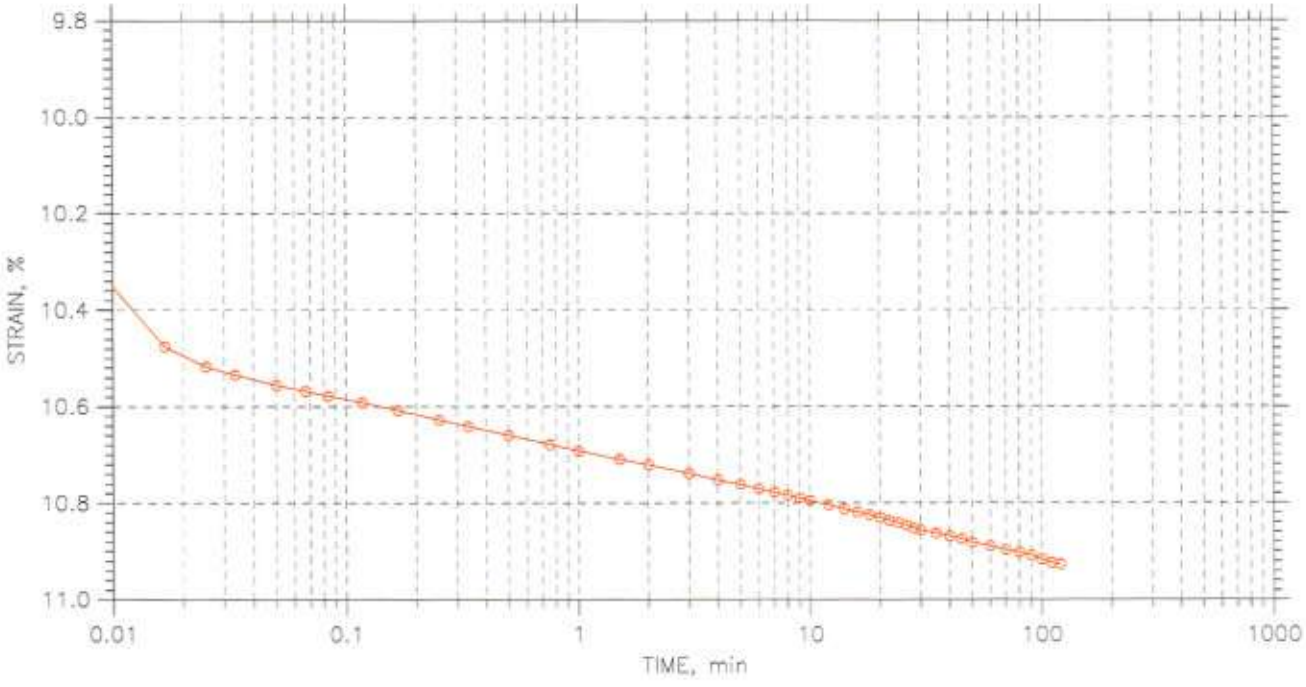
Fri, 20-OCT-2006 09:33:53

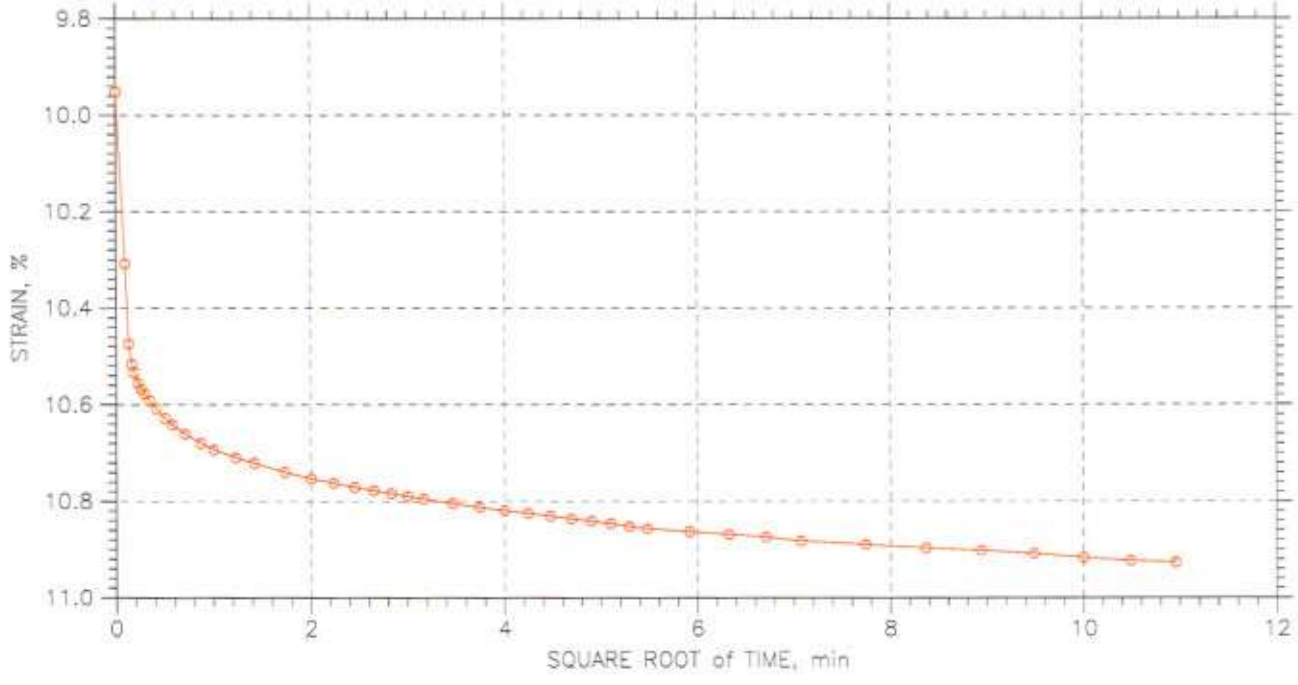
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 18

Stress: 4. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

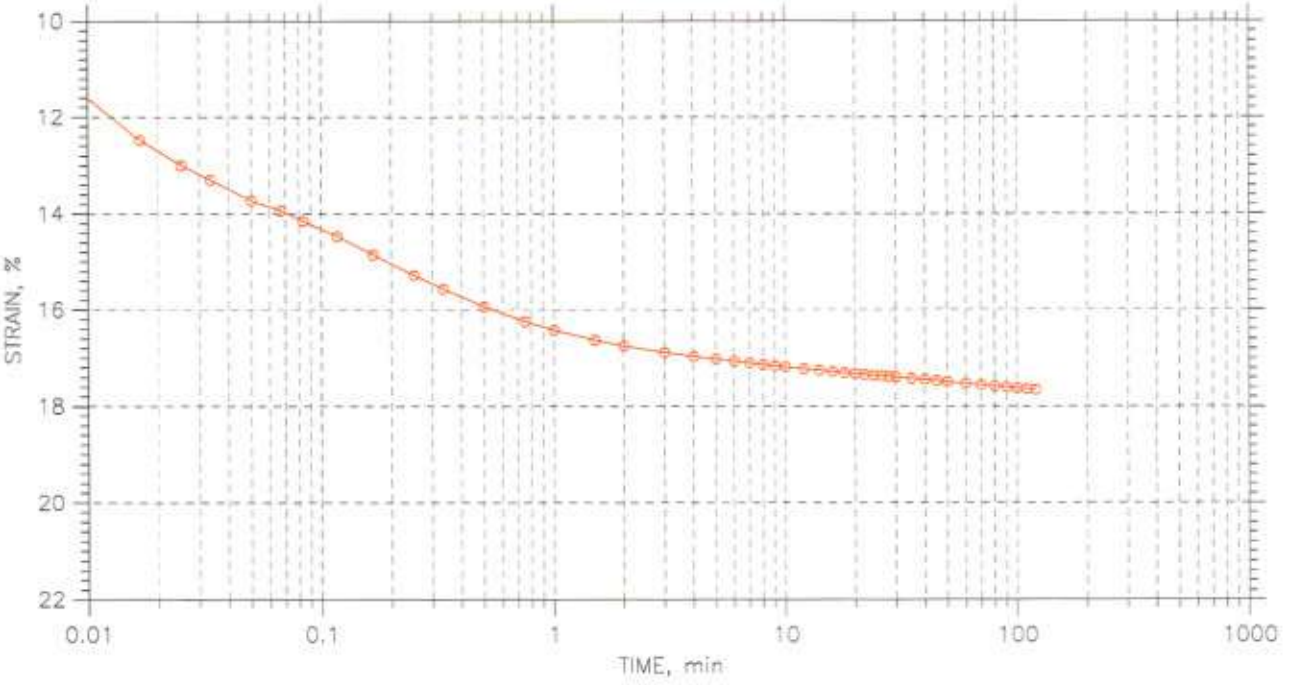
Fri, 20-OCT-2006 09:33:53

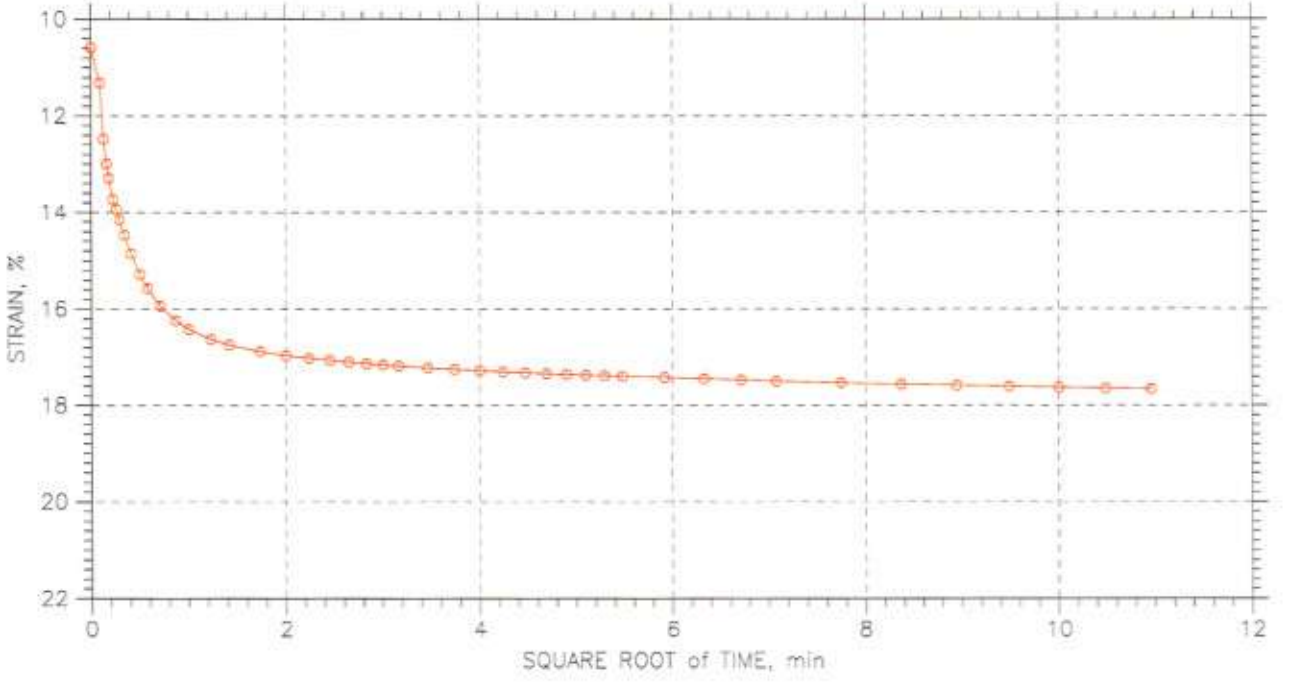
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 18

Stress: 8. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

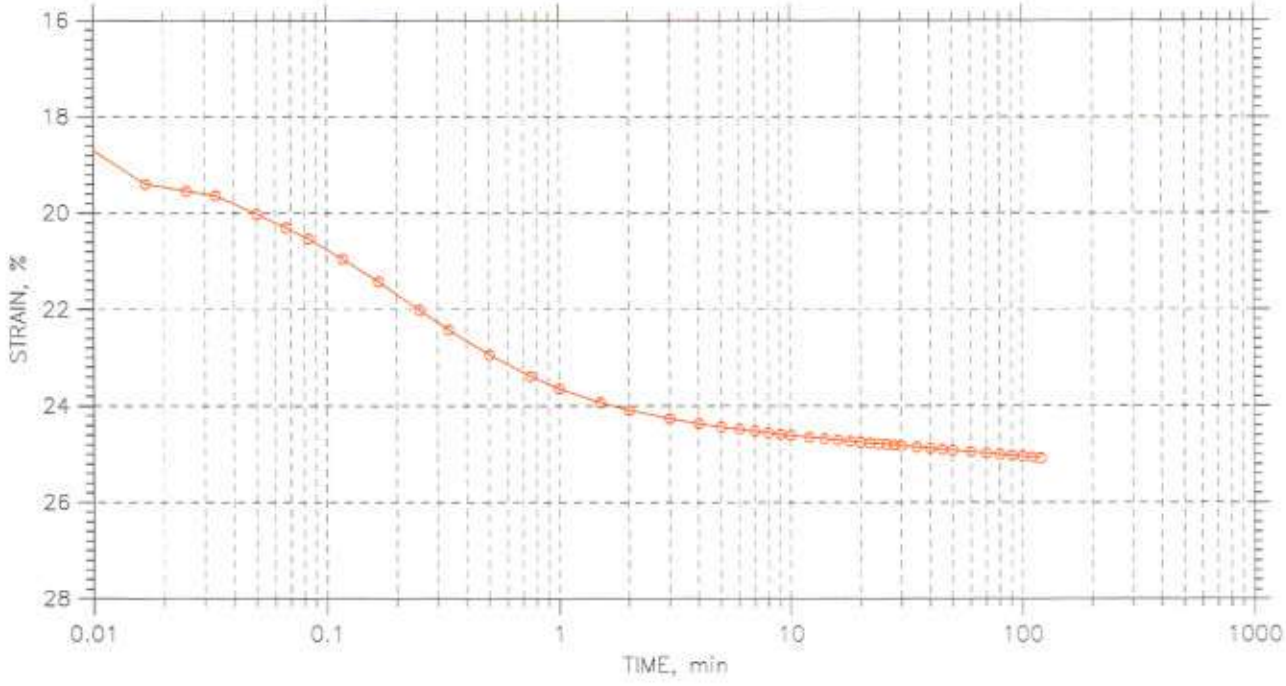
Fri, 20-OCT-2006 09:33:53

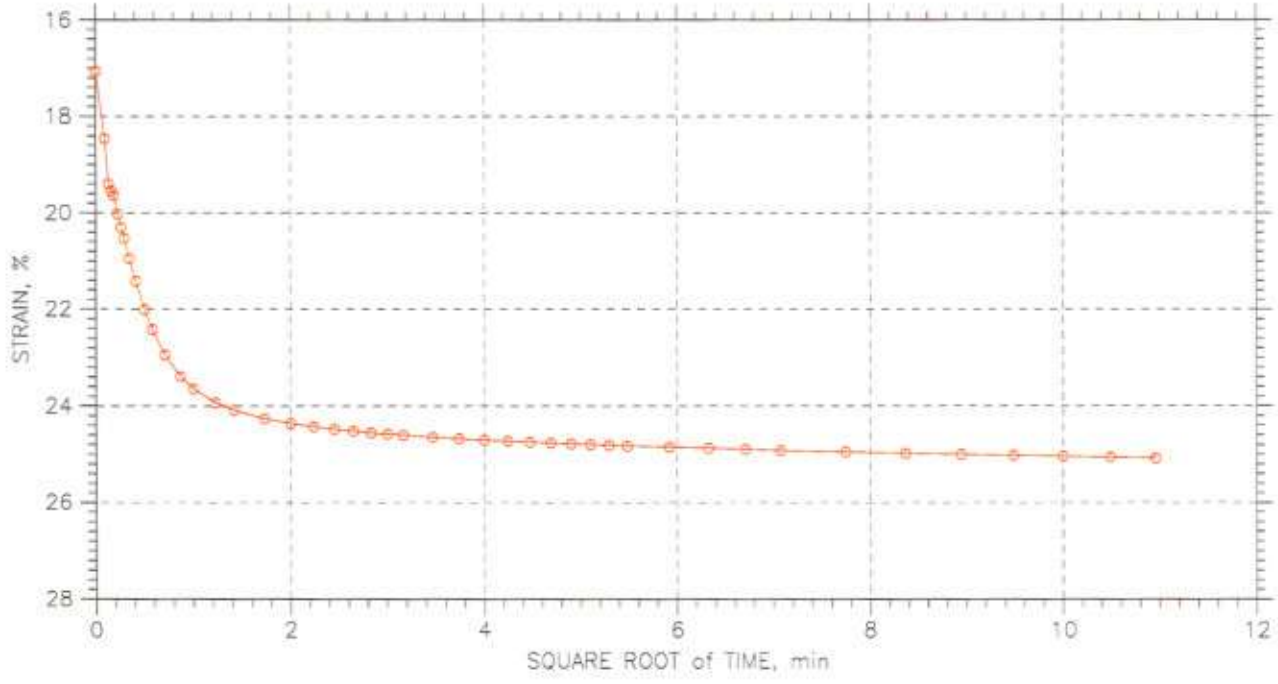
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 18

Stress: 16. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

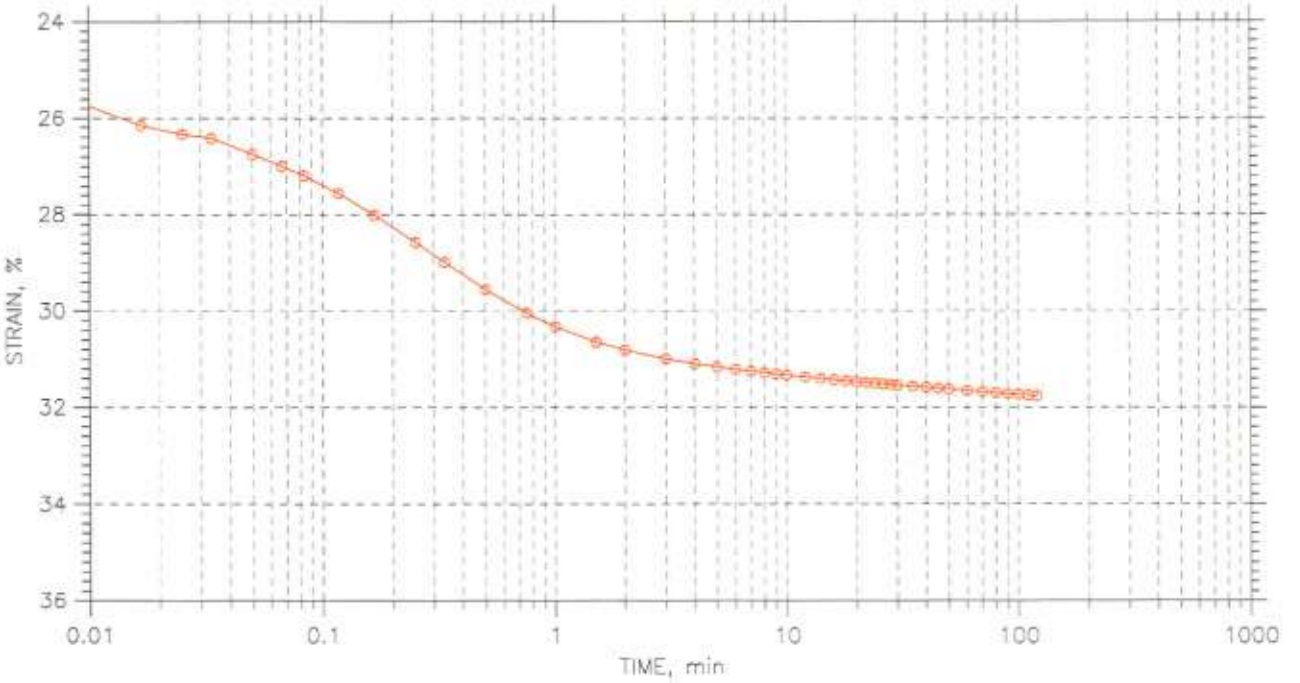
Fri, 20-OCT-2006 09:33:53

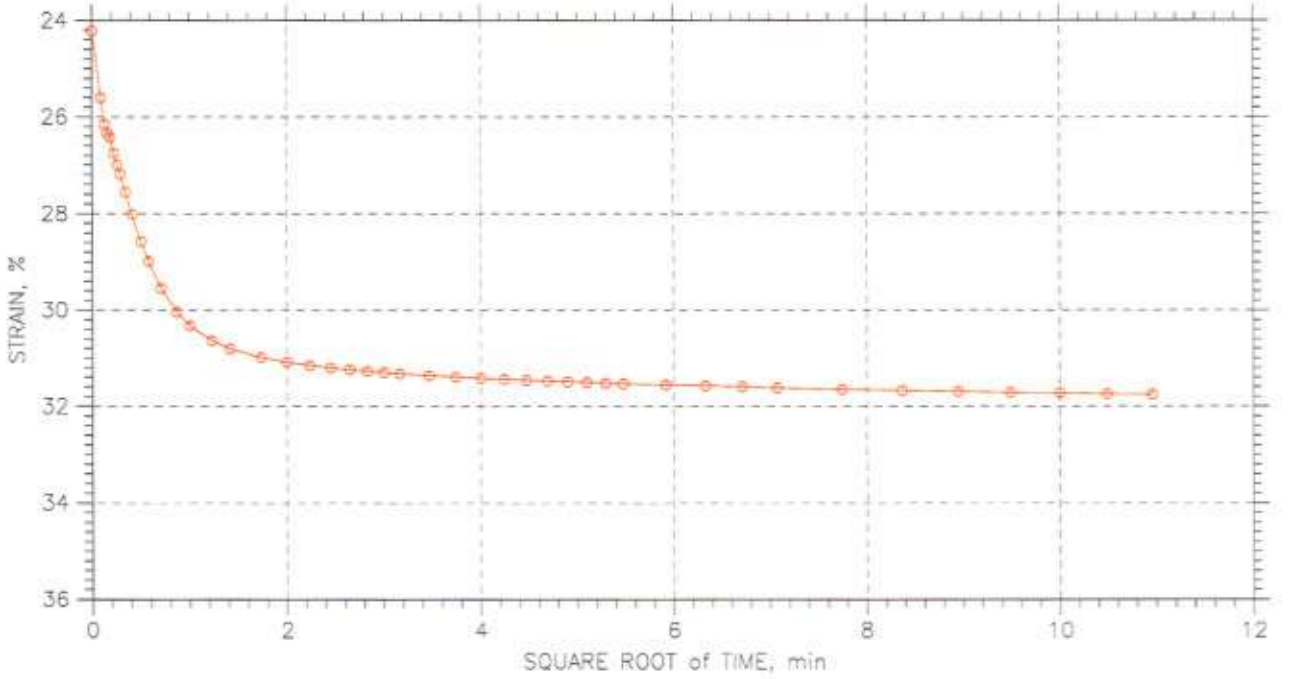
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 18

Stress: 32. tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: mc	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

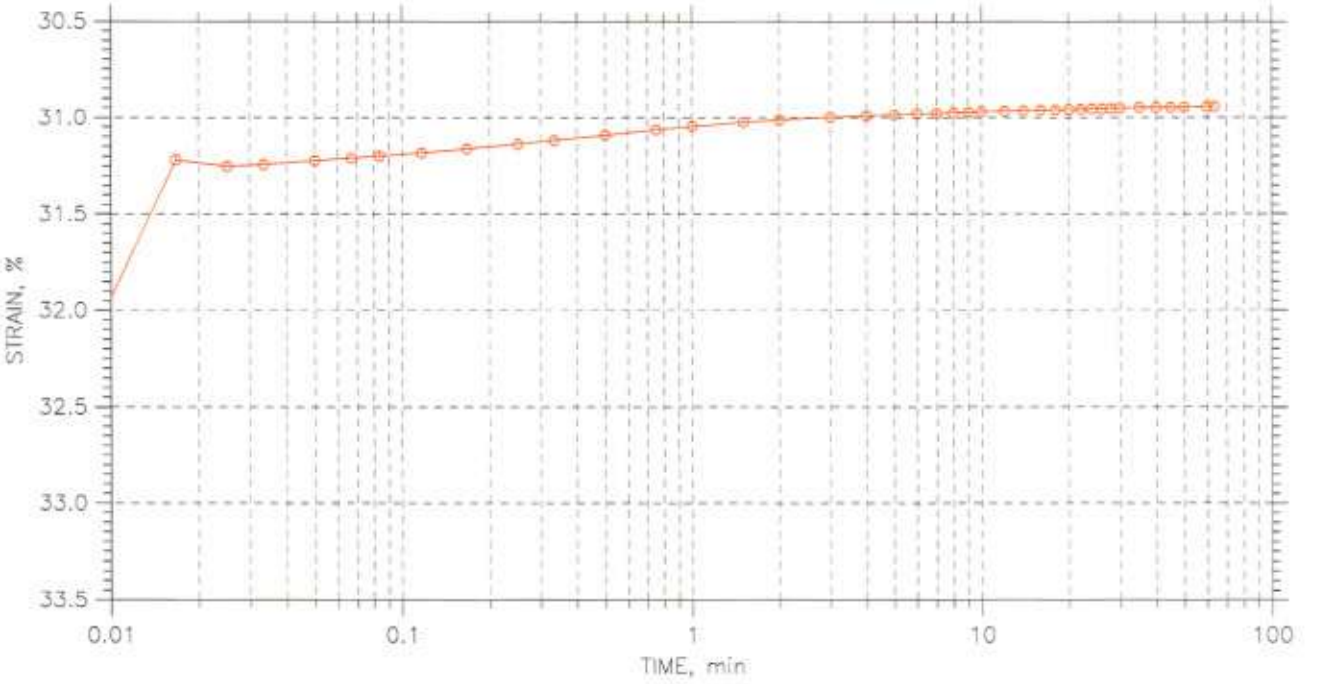
Fri, 20-OCT-2006 09:33:53

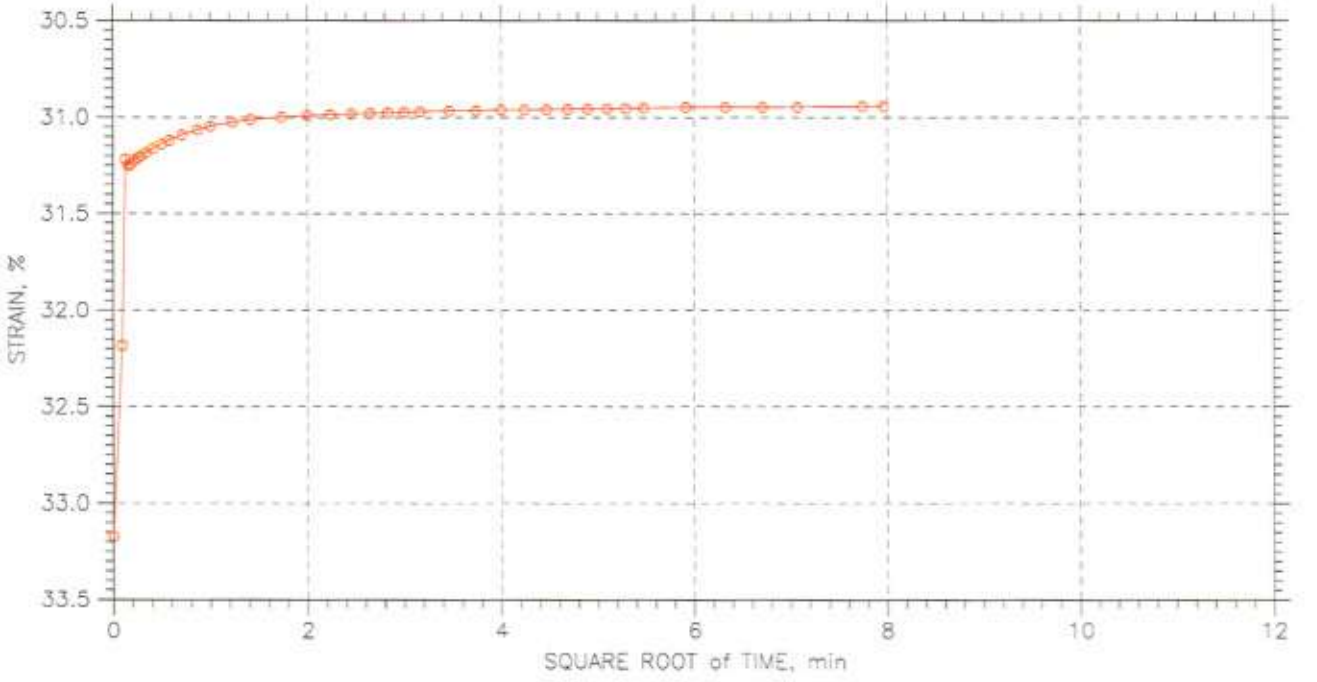
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 18

Stress: 8. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

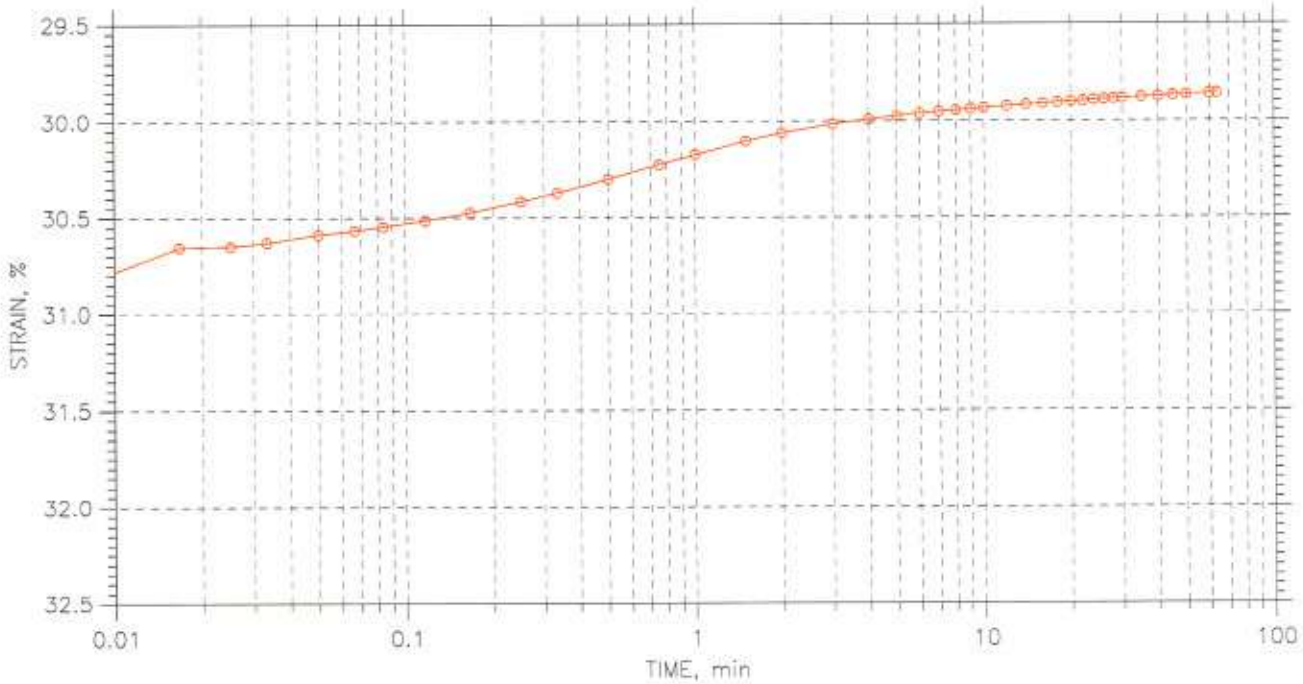
Fri, 20-OCT-2006 09:33:53

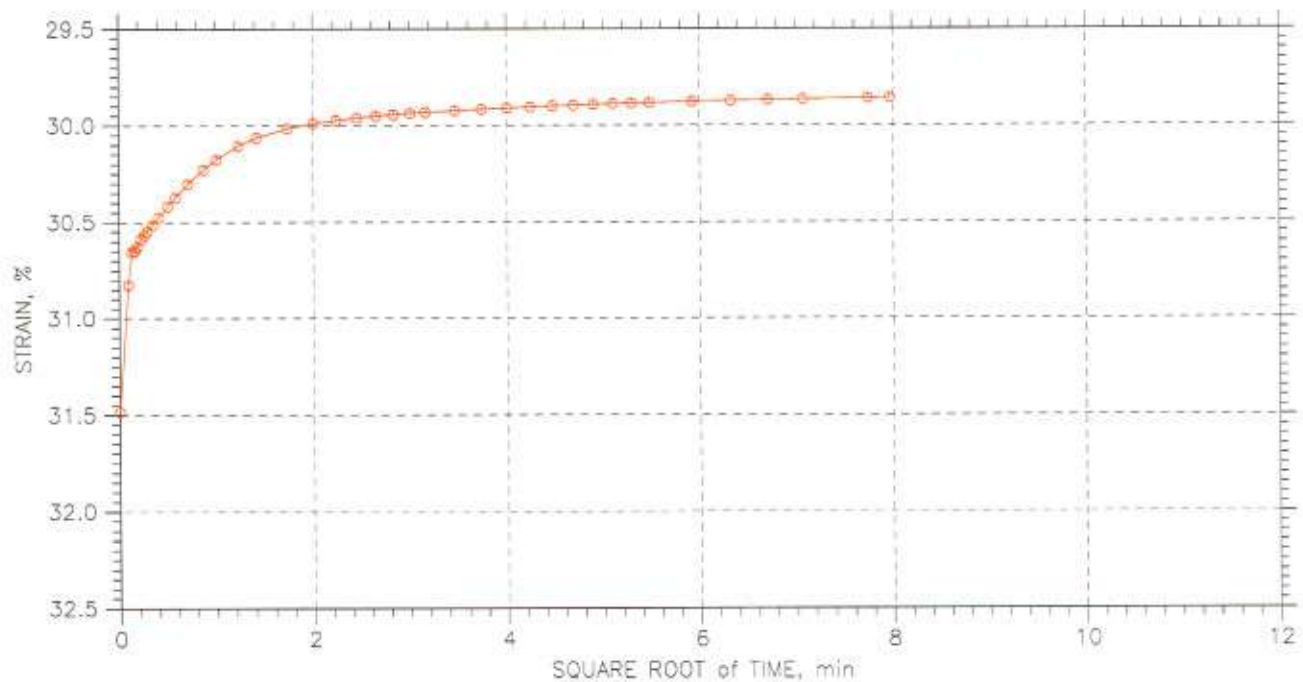
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 17 of 18

Stress: 2. tsf





GeoTesting express (a subsidiary of Geocomp Corporation)	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

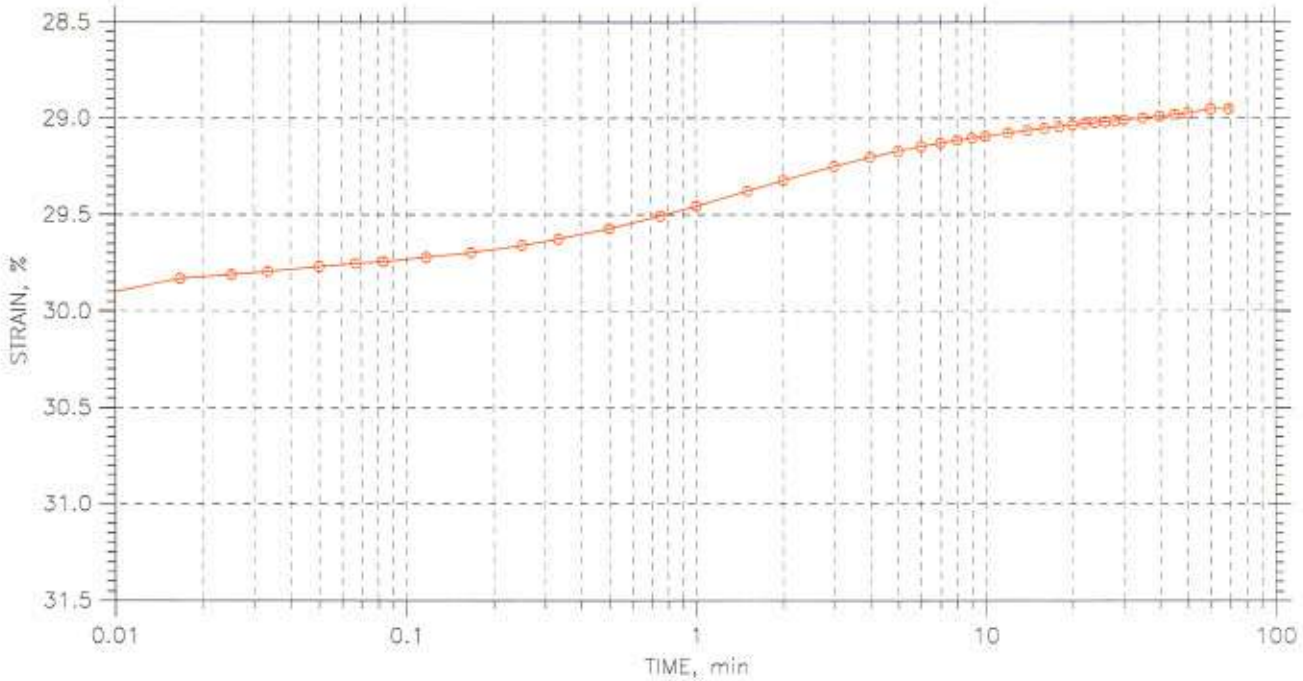
Fri, 20-OCT-2006 09:33:53

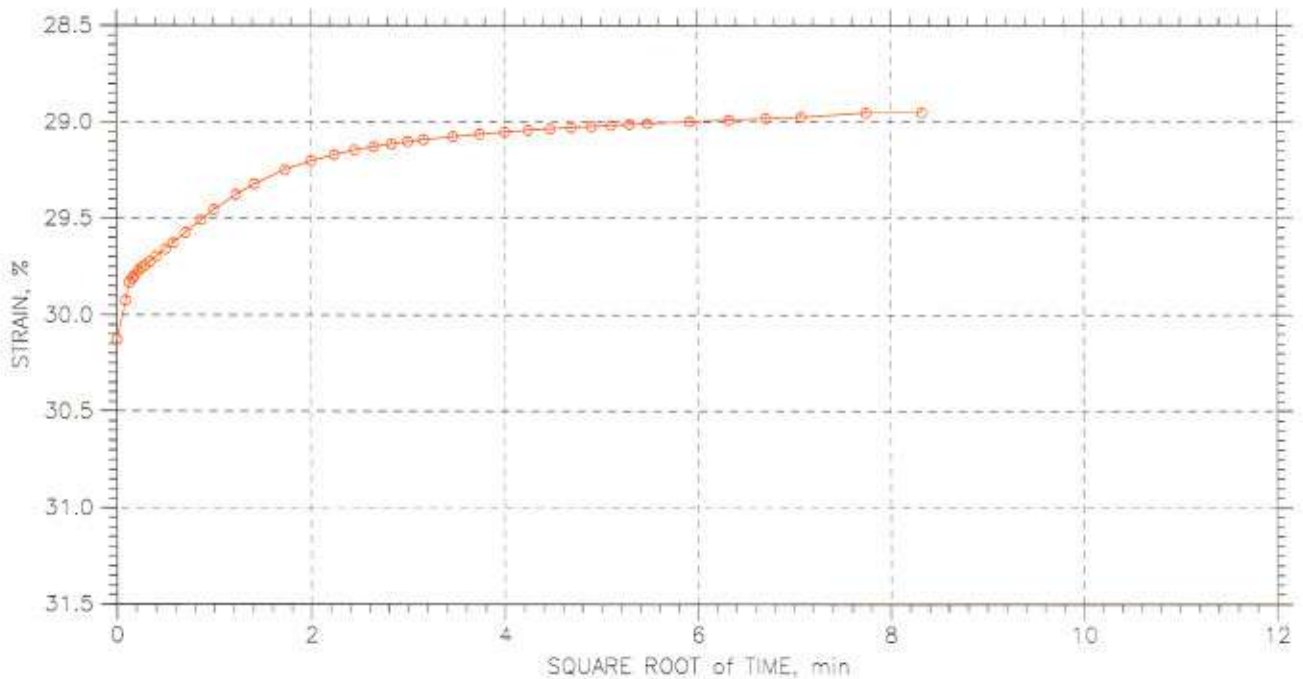
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 18 of 18

Stress: 0.5 tsf





GeoTesting express	Project: Caridad del Cobre	Location: Bayamon, PR	Project No.: GTX-6868
	Boring No.: B-4	Tested By: md	Checked By: jdt
	Sample No.: S-2	Test Date: 08/03/06	Depth: 19-22 ft
	Test No.: C-1	Sample Type: Tube	Elevation: ---
	Description: Moist, brown clay		
	Remarks: System C		

Fri, 20-OCT-2006 09:33:53

GeoTesting express

a subsidiary of Geocomp Corporation

WARRANTY and LIABILITY

GeoTesting Express (GTX) warrants that all tests it performs are run in general accordance with the specified test procedures and accepted industry practice. GTX will correct or repeat any test that does not comply with this warranty. GTX has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

GTX may report engineering parameters that require us to interpret the test data. Such parameters are determined using accepted engineering procedures. However, GTX does not warrant that these parameters accurately reflect the true engineering properties of the *in situ* material. Responsibility for interpretation and use of the test data and these parameters for engineering and/or construction purposes rests solely with the user and not with GTX or any of its employees.

GTX's liability will be limited to correcting or repeating a test which fails our warranty. GTX's liability for damages to the Purchaser of testing services for any cause whatsoever shall be limited to the amount GTX received for the testing services. GTX will not be liable for any damages, or for any lost benefits or other consequential damages resulting from the use of these test results, even if GTX has been advised of the possibility of such damages. GTX will not be responsible for any liability of the Purchaser to any third party.

Commonly Used Symbols

A	pore pressure parameter for $\Delta\sigma_1 - \Delta\sigma_3$
B	pore pressure parameter for $\Delta\sigma_3$
CIU	isotropically consolidated undrained triaxial shear test
CR	compression ratio for one dimensional consolidation
C_c	coefficient of curvature, $(D_{30})^2 / (D_{10} \times D_{60})$
C_u	coefficient of uniformity, D_{60}/D_{10}
C_c	compression index for one dimensional consolidation
C_α	coefficient of secondary compression
c_v	coefficient of consolidation
c	cohesion intercept for total stresses
c'	cohesion intercept for effective stresses
D	diameter of specimen
D_{10}	diameter at which 10% of soil is finer
D_{15}	diameter at which 15% of soil is finer
D_{30}	diameter at which 30% of soil is finer
D_{50}	diameter at which 50% of soil is finer
D_{60}	diameter at which 60% of soil is finer
D_{85}	diameter at which 85% of soil is finer
d_{50}	displacement for 50% consolidation
d_{90}	displacement for 90% consolidation
d_{100}	displacement for 100% consolidation
E	Young's modulus
e	void ratio
e_c	void ratio after consolidation
e_o	initial void ratio
G	shear modulus
G_s	specific gravity of soil particles
H	height of specimen
PI	plasticity index
i	gradient
K_o	lateral stress ratio for one dimensional strain
k	permeability
LI	Liquidity Index
m_v	coefficient of volume change
n	porosity
PI	plasticity index
P_c	preconsolidation pressure
p	$(\sigma_1 + \sigma_3) / 2$, $(\sigma_v + \sigma_h) / 2$
p'	$(\sigma'_1 + \sigma'_3) / 2$, $(\sigma'_v + \sigma'_h) / 2$
p'_c	p' at consolidation
Q	quantity of flow
q	$(\sigma_1 - \sigma_3) / 2$
q_f	q at failure
q_o, q_i	initial q
q_c	q at consolidation
S	degree of saturation
SL	shrinkage limit
s_u	undrained shear strength
T	time factor for consolidation
T	temperature
t	time
U, UC	unconfined compression test
UU, Q	unconsolidated undrained triaxial test
u_a	pore gas pressure
u_e	excess pore water pressure
u, u_w	pore water pressure
V	total volume
V_g	volume of gas
V_s	volume of solids
V_v	volume of voids
V_w	volume of water
V_o	initial volume
v	velocity
W	total weight
W_s	weight of solids
W_w	weight of water
w	water content
w_c	water content at consolidation
w_f	final water content
w_l	liquid limit
w_n	natural water content
w_p	plastic limit
w_s	shrinkage limit
w_o, w_i	initial water content
α	slope of q_f versus p_f
α'	slope of q_f versus p_f'
γ_t	total unit weight
γ_d	dry unit weight
γ_s	unit weight of solids
γ_w	unit weight of water
ε	strain
ε_{vol}	volume strain
ε_h, ε_v	horizontal strain, vertical strain
μ	Poisson's ratio, also viscosity
σ	normal stress
σ'	effective normal stress
σ_o, σ'_o	consolidation stress in isotropic stress system
σ_h, σ'_h	horizontal normal stress
σ_v, σ'_v	vertical normal stress
σ_1	major principal stress
σ_2	intermediate principal stress
σ_3	minor principal stress
τ	shear stress
φ	friction angle based on total stresses
φ'	friction angle based on effective stresses
φ'_r	residual friction angle
φ_{ult}	φ for ultimate strength

24

Confirmation Soil Study (2019)

TECHNICAL LETTER No. 2

CONFIRMATION SOIL STUDY for CARIDAD DEL COBRE PROJECT BAYAMÓN, PUERTO RICO

GMTS PROJECT No. G181370/G060778

Prepared For:

Arch. Vanessa de Mari Monserrate, AIA
DESARROLLOS REALES, LLC
PO Box 9932
San Juan, PR 00908-9932

July 5, 2019

Prepared By:

GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES

This document consists of 15 pages.
Este documento consiste de 15 páginas.

COLEGIO DE INGENIEROS Y AGRIMENSORES
DE PUERTO RICO

PO Box 363845 * San Juan, Puerto Rico * 00936-3845
Tel. 787-758-2250 * Fax. 787-758-7639

$9

ESTAMPILLA DIGITAL ESPECIAL (EDE)

Ing. Manuel E. Ochoa Lavergne, PE

2839-8106-7143-1214

Práctica de:	Ingeniería
Licencia:	22275
Renglón:	Servicio Profesional
Descripción del Trabajo:	Realización de Estudios de Ingeniería
Fecha de Emisión:	2019-07-06
Monto Emitido:	$9
Número de Serie:	2839-8106-7143-1214
Número de Caso:	G181370
Proyecto / Unidad:	CARIDAD DEL COBRE DEVELOPMENT
Rol del Profesional:	Consultor

SELLO PROFESIONAL

Certificación:

El profesional certifica con la emisión de la estampilla digital especial del Colegio de Ingenieros y Agrimensores de Puerto Rico el haber cumplido con las disposiciones de la Sección 11 de la Ley 319 del 15 de mayo de 1938, según enmendada.

La colocación del sello profesional constituye la cancelación de la estampilla digital especial

RENOVACIÓN APROBADA: 19 de enero, 2019

RENEWAL APPROVED ON: January 19, 2019

Gobierno de Puerto Rico
Government of Puerto Rico

DEPARTAMENTO DE ESTADO
Department of State

Secretaría Auxiliar de Juntas Examinadoras
Office of the Assistant Secretary of State for Examining Boards

La Junta Examinadora de Ingenieros y Agrimensores
The Examining Board of Engineers and Land Surveyors

por la presente certifica que
hereby certifies that

Manuel Enrique Ochoa Lavergne

habiendo cumplido todos los requisitos de Ley, se ha inscrito en el Registro de esta Junta como
having met all the requirements of law, has been registered as:

Ingeniero Licenciado
Licensed Engineer

En testimonio de lo cual, se expide esta licencia para el ejercicio de dicha profesión, bajo el sello de la Junta Examinadora.
In testimony whereof, this license is issued to practice this profession, under the seal of the Board of Examiners.

En San Juan, Puerto Rico, efectivo 12 de enero de 2019
In San Juan, Puerto Rico, effective January 12, 2019.

Número de Licencia: 22275
License Number

Vencimiento: 11 de enero de 2024
Expires: January 11, 2024

Presidente

Directora
Director

Gracias, su pago fue procesado exitosamente.

Por favor imprima esta página como evidencia de pago

# de Recibo	Fecha	Cantidad	Método de Pago	Cliente
164905	06/25/2018	$ 200.00	CC mc 2973	79103 / Ing. Manuel E. Ochoa Lavergne, PE

Unidades	Descripción	Cantidad
1	Cuota Colegiado 09/01/2018 - 08/31/2019	$ 200.00
		$ 200.00

GMTS
GEOTECHNICAL & MATERIALS
TESTING SERVICES

TECHNICAL LETTER No. 2

July 5, 2019

Arch. Vanessa de Mari Monserrate, AIA
DESARROLLOS REALES, LLC
PO Box 9932
San Juan, PR 00908-9932

Re: CONFIRMATION SOIL STUDY for
CARIDAD DEL COBRE PROJECT
BAYAMÓN, PUERTO RICO
Project No. G181370/G060778

Dear Sir:

This technical letter presents the findings of the additional soil borings performed at the above-referenced site, as part of the confirmation soil study for the project.

Based on the information provided to this office, the proposed project consists on the design and construction of a residential community (**Caridad del Cobre**) in Bayamón, Puerto Rico. The project considers four (4) structures for 1- to 3-bedroom apartments, for a total of 214 apartments, and associated parking areas (1 parking per apartment), on a 34,145 sqm tract of land. Structures will generally be 3-story high, except on Buildings C & D were half of the structure will be 4-story. Structure dimensions vary from 240 to 311 feet long, and 68 to 92 feet wide.

GMTS conducted a subsoil exploration program in 2006 for the referenced project. The results were submitted through **GMTS Report G060778, Geotechnical Engineering Report on Subsoil Exploration for Proposed Caridad del Cobre Development, Cerro Gordo Ward, Bayamón, Puerto Rico**, dated October 26, 2006. However, due to the relocation of some structures and age of original report, a confirmation soil study was requested.

We performed **five (5) additional soil borings**, to depths in the order of 10 to 36 feet (refer to **Figures 2 and 2B: Boring Location Plan**). In general, the borings disclosed similar soil conditions to those reported in 2006. However, less stiff soil conditions were disclosed in the areas of **Borings B101**, **B102**, and **B103** within the uppermost 15 feet of the soil profile. Based on this, we recommend reducing the **allowable soil bearing pressure (q_a) previously recommended (*i.e.* 2,500 psf) to 2,000 psf** in the areas of **Buildings A1 and B.** Please refer to the attached boring logs for detailed description of the soils found at site.

It should be noted that the prevailing PR code should be implemented for design. We re-modeled the pseudo-static (seismic) slope stability previously performed considering a revised PGA, with values ranging from 0.397g to 0.478g (the higher PGA considers potential site amplification), based on most updated seismicity maps. A PGA of 0.3g was considered at the time of the original study, which considered the prevailing code requirements. Hence, a 32 to 59% increase in peak ground acceleration (PGA) is noted from 2006 requirements. The **factor of safety for pseudo-static conditions, considering PGA values between 0.397 to 0.478, is reduced to about 1.04 to 1.08** from the 1.15 previously calculated. It should be noted that the same slope configurations were analyzed, considering that cross sections are basically similar. If significant changes have been made in site grading, this office should be contacted for additional verifications.

Generally, the minimum factor of safety in geotechnical practice for pseudo-static analyses is taken as 1.15. However, some suggest, and even building codes, that for extreme loading conditions the factor of safety could be reduced to as low as 1. We **do not** recommend using a factor of safety of 1 due to limited data available and potential variability of subsoil conditions/parameters.

Hence, based on the above, **to increase the factor of safety closer to 1.1 we recommend allowing a greater distance between the edge of foundation to face of slope, of at least H/2, and lowering foundation bearing pressures to 2,000 psf**. The original study indicated a distance between the edge of foundation and slope face of H/3 (where H is the height of the slope), with a bearing pressures of 2,500 psf. **Figure 3** shows the revised stability analyses. Alternatively, a site-specific seismic evaluation of the slope/structure configuration should be performed, to optimize foundation/slope design by potentially reducing peak ground acceleration multipliers. This is beyond the scope of this work.

Furthermore, during our fieldwork we observed areas with depressions, boulder, and debris. These areas should be further explored with test pits after site clearing and earthwork operations.

All other recommendations, as included in **GMTS Report G060778, Geotechnical Engineering Report on Subsoil Exploration for Proposed Caridad del Cobre Development, Cerro Gordo Ward, Bayamon, Puerto Rico**, dated October 26, 2006, are included into this report by reference. Lastly, this study is considered a **Phase I: Level 3** study. Refer to **Study Limitations & Geoprofessional Phases** enclosed for additional information and definition of Phases/Levels. If you have any questions, please contact the undersigned at your convenience.

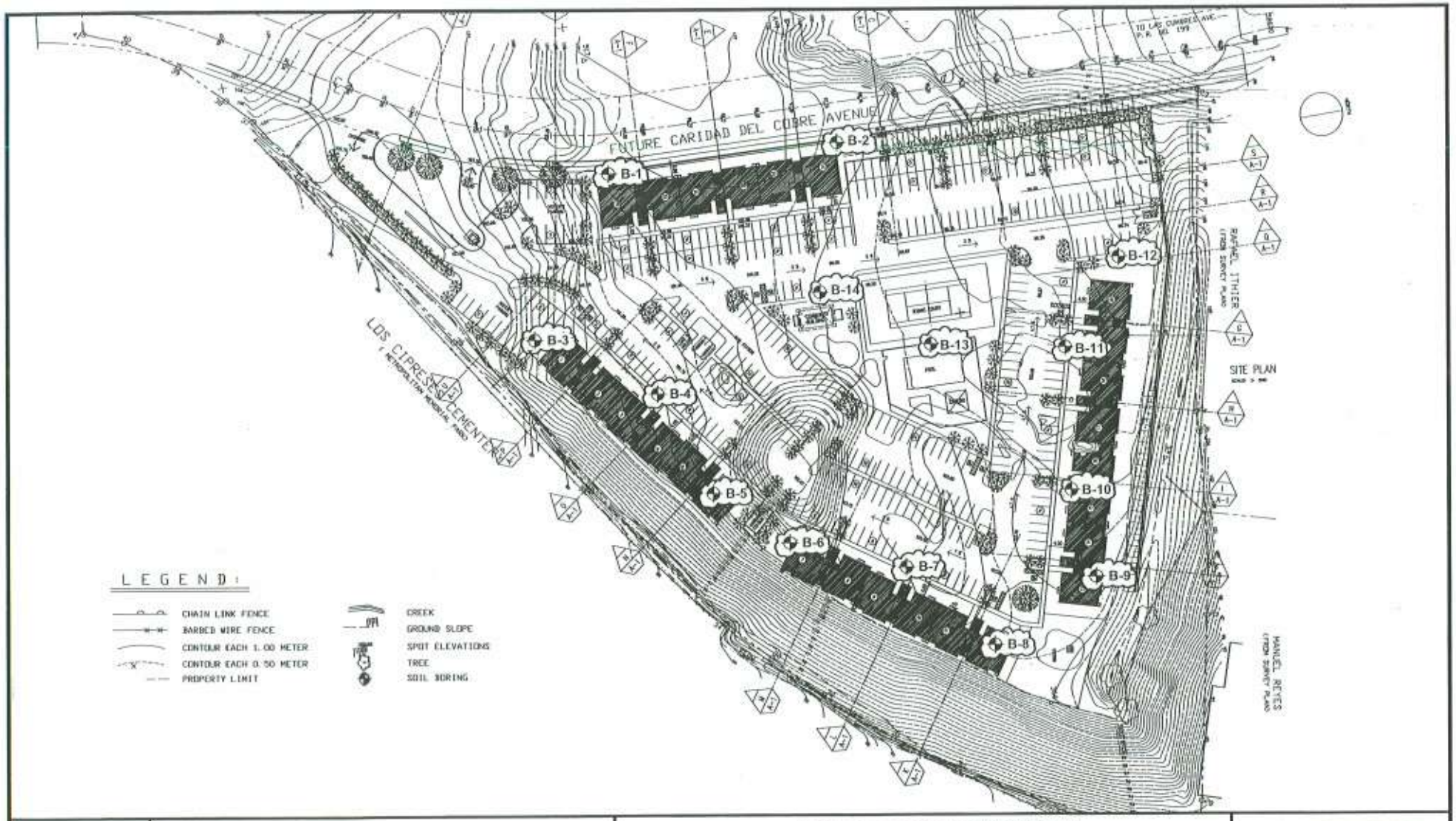
Respectfully submitted,

MANUEL E. OCHOA-LAVERGNE
INGENIERO CIVIL LICENCIADO
LIC 22275
PUERTO RICO

Manuel E. Ochoa Lavergne, MSCE, PE
Geotechnical Engineer

Enclosures: Figures (2/2B &3)
Soil Boring Logs
Study Limitations & Geoprofessional Phases

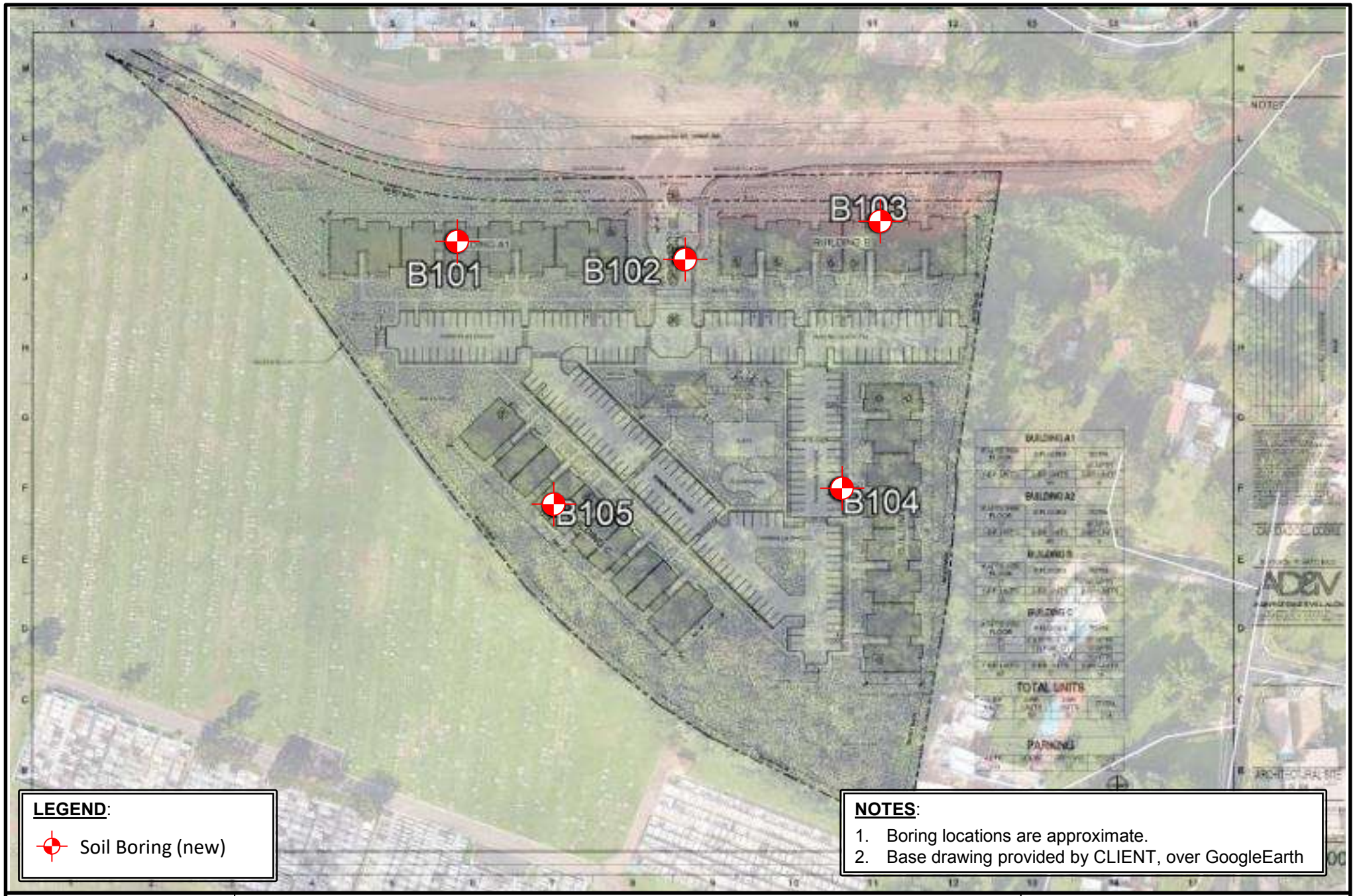
GMTS



SCALE: NTS
REV.: HLR
FILE:
DRAWN BY: NLD
JOB: G060778

FIGURE 2 - BORING LOCATION PLAN
PROPOSED CARIDAD DEL COBRE DEVELOPMENT
CERRO GORD WARD
BAYAMON, PUERTO RICO

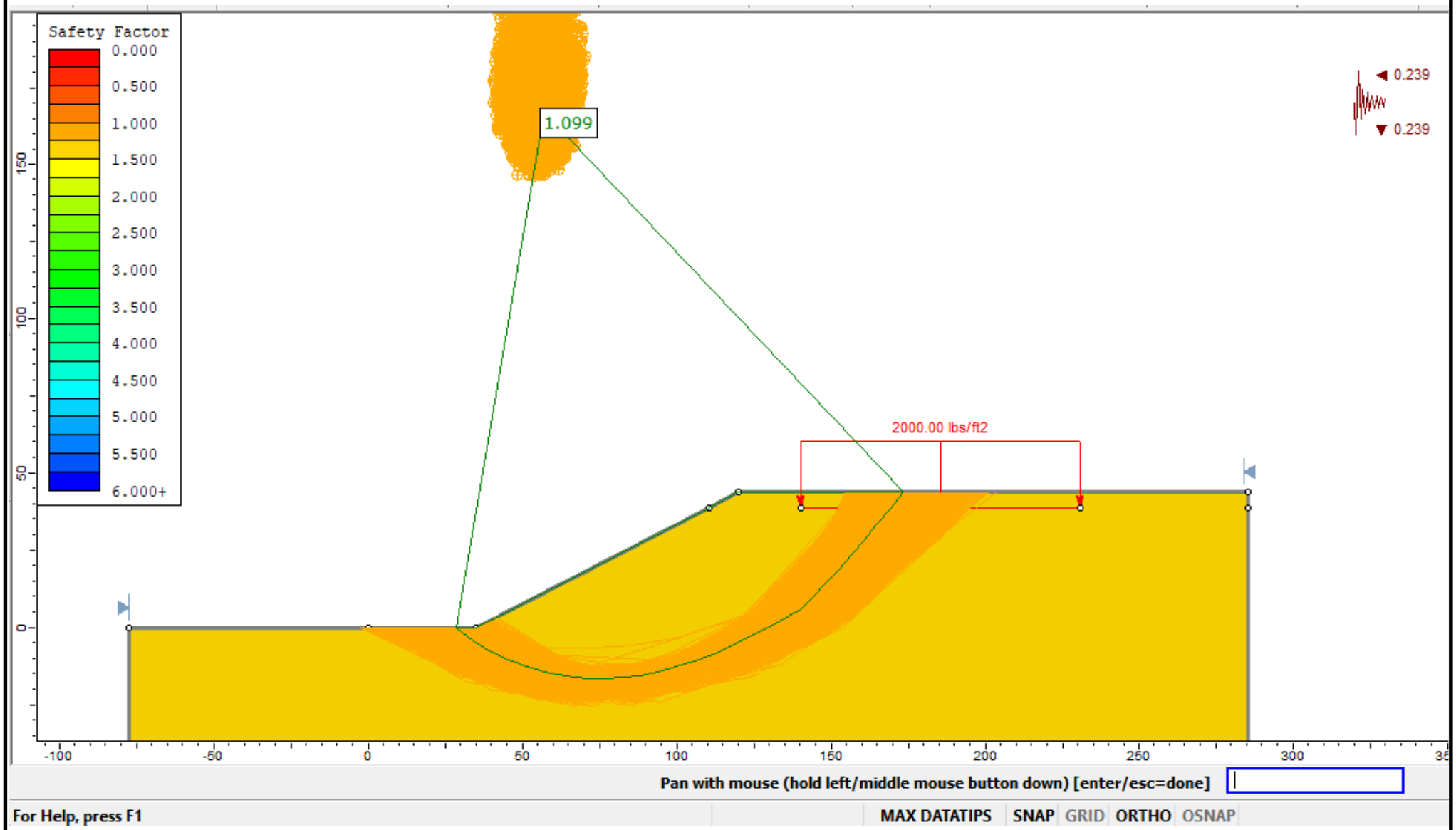
GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES



Scale: NTS	
Dwg. By: MOL	
Rev. By: MOL	
Project No: G181370	
Client Code: N/A	

FIGURE 2B – BORING LOCATION PLAN
CARIDAD DEL COBRE
BAYAMÓN, PUERTO RICO

GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES



Scale: NTS	
Dwg. By: MOL	
Rev. By: MOL	
Project No: G181370	
Client Code: N/A	

FIGURE 3 – PSEUDO-STATIC SLOPE STABILITY ANALYSES
CARIDAD DEL COBRE
BAYAMÓN, PUERTO RICO

GMTS
GEOTECHNICAL & MATERIALS TESTING SERVICES

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB No. : G181370 **BORING No. :** B-101

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : DESARROLLOS REALES, LLC

TOTAL DEPTH :	36 FEET	DRILL RIG :	CME 45	DRILLER :	E. COSME
SURFACE ELEV.:	N/A	DRILL METHOD :	HOLLOW STEM AUGER	LOGGED BY :	R. OCASIO
WATER DEPTH :	NOT DETECTED	SAMPLER :	2" OD X 24" L	START DATE :	05/16/2019
ELAPSED TIME :	N/A	HAMMER WEIGHT :	140 LB	FINISH DATE :	05/16/2019

WATER LEVEL	DEPTH FEET	DEPTH METERS	SAMPLE No.	BLOWS (per 6 in.)	N-VALUE 0 100 / w (%) 0 100	GRAPHIC LOG	SOIL DESCRIPTION	N (bpf)	Qu (tsf)	PEN (tsf)	TOTAL UNIT Wt. (pcf)	w (%)
	0	0	B101-1	1-4-4-6			SILTY CLAY, trace sand, stiff to hard, yellowish red	8	5.4	4.5+	115.3	35.7
		1	B101-2	4-6-8-10			SAME AS ABOVE	14		4.5+		25.6
	5		B101-3	4-6-6-7			SILTY CLAY, little to some sand, occ. limestone fragments, very stiff, red	12				31.6
		2	B101-4	4-4-6-7			SILTY CLAY, trace sand, stiff to hard, red	10		4.5		37.0
			B101-5	2-3-3-5			CLAYEY SILT, little to some sand, medium to stiff, red	6		1.25		41.9
	10	3										
		4	B101-6	2-3-4-8			CLAYEY SILT, little sand to some, little oxidation joints, medium to stiiff, red	7		1.75		45.1
	15	5										
	20	6	B101-7	3-4-5-6			SAME AS ABOVE, stiff, red, yellow, black	9		1.5		47.2
		7	B101-8	3-3-7-10			SAME AS ABOVE, yellow	10		1.75		36.1
	25	8										
	30	9	B101-9	6-10-13-16			SAME AS ABOVE, very stiff, pale yellow	23		2.25		26.1
		10	B101-10	8-13-15-20			SAME AS ABOVE	28		2.25		28.3
	35	11										
							END OF BORING AT 36 FEET					
	40	12										

NOTES: *All depths referred to existing grade*
Initial Water Level Reading
Final Water Level Reading

COMMENTS:

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB No. : G181370 **BORING No. :** B-102

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : DESARROLLOS REALES, LLC

TOTAL DEPTH :	24 FEET	DRILL RIG :	CME 45	DRILLER :	E. COSME
SURFACE ELEV.:	N/A	DRILL METHOD :	HOLLOW STEM AUGER	LOGGED BY :	R. OCASIO
WATER DEPTH :	NOT DETECTED	SAMPLER :	2" OD X 24" L	START DATE :	05/16/2019
ELAPSED TIME :	N/A	HAMMER WEIGHT :	140 LB	FINISH DATE :	05/16/2019

WATER LEVEL	DEPTH FEET	DEPTH METERS	SAMPLE No.	BLOWS (per 6 in.)	N-VALUE 0–100 / w (%) 0–100	GRAPHIC LOG	SOIL DESCRIPTION	N (bpf)	Qu (tsf)	PEN (tsf)	TOTAL UNIT Wt. (pcf)	w (%)
	0	0	B102-1	3-4-7-10			ROCK FRAGMENTS, little to some clay, trace to little sand, occ. thin roots, medium, reddish brown (FILL)	11				24.8
		1	B102-2	12-16-15-12			SAME AS ABOVE, dense, olive brown, yellowish red (FILL)	31		4.0		12.6
	5		B102-3	2-6-12-10			SILTY SAND, little clayey silt, occ. weathered rock fragments, medium, olive brown, strong brown	18				37.2
		2	B102-4	13-20-13-10			CLAYEY SILT, little sand, little oxidation joints, stiff to hard, pale olive	33		1.5		23.4
	10	3	B102-5	4-6-10-23			CLAYEY SILT, little sand, little oxidation joints, very stiff, light gray	16		2.25		36.1
	15	4	B102-6	4-5-7-16			CLAYEY SILT, trace sand, little oxidation joints, stiff, olive yellow	12		2.0		39.6
	20	5	B102-7	10-12-28-30/3"			CLAYEY SILT, little sand, little oxidation joints, very stiff to hard, pale yellow, yellow	40		2.75		23.9
	25	6	B102-8	50/1"			NO RECOVERY	50/1"				
		7					END OF BORING AT 24 FEET					
	30	8										
	35	9										
	40	10										
		11										
		12										

NOTES: *All depths referred to existing grade*
Initial Water Level Reading
Final Water Level Reading

COMMENTS:

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB No. : G181370 **BORING No. :** B-103

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : DESARROLLOS REALES, LLC

TOTAL DEPTH :	31 FEET	DRILL RIG :	CME 45	DRILLER :	P. RODRIGUEZ
SURFACE ELEV.:	N/A	DRILL METHOD :	HOLLOW STEM AUGER	LOGGED BY :	R. OCASIO
WATER DEPTH :	NOT DETECTED	SAMPLER :	2" OD X 24" L	START DATE :	05/15/2019
ELAPSED TIME :	N/A	HAMMER WEIGHT :	140 LB	FINISH DATE :	05/15/2019

WATER LEVEL	DEPTH FEET	DEPTH METERS	SAMPLE No.	BLOWS (per 6 in.)	N-VALUE 0–100 / w (%) 0–100	GRAPHIC LOG	SOIL DESCRIPTION	N (bpf)	Qu (tsf)	PEN (tsf)	TOTAL UNIT Wt. (pcf)	w (%)
	0	0	B103-1	7-16-10-7			SILTY SAND, some weathered rock fragments, little to some clay, medium, strong brown (FILL)	26				18.7
		1	B103-2	7-6-5-7			SAME AS ABOVE	11				21.9
	5		B103-3	10-15-12-13			SAME AS ABOVE, reddish yellow	27				22.8
		2	B103-4	5-11-12-12			CLAYEY SILT, little sand, little oxidation joints, very stiff, red	23		2.75		32.1
			B103-5	5-7-10-12			SAME AS ABOVE, stiff to very stiff	17		1.75		31.9
	10	3										
		4	B103-6	4-5-7-10			SAME AS ABOVE, stiff, red, white	12		1.75		39.8
	15	5										
		6	B103-7	4-5-10-12			CLAYEY SILT, little oxidation joints, stiff to very stiff, yellowish red, white, black	15		2.25		43.4
	20	7										
			B103-8	5-7-10-12			CLAYEY SILT, trace sand, little oxidation joints, very stiff, yellow, reddish yellow	17		3.25		36.3
	25	8										
		9	B103-9	5-9-19-13			SILTY SAND, some rock fragments, little to some clayey silt, little oxidation joints, medium, light olive brown, yellow	28		2.25		27.0
	30						END OF BORING AT 31 FEET					
		10										
	35	11										
	40	12										

NOTES: *All depths referred to existing grade*
Initial Water Level Reading
Final Water Level Reading

COMMENTS:

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB No. : G181370 **BORING No. :** B-104

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : DESARROLLOS REALES, LLC

TOTAL DEPTH :	10 FEET	DRILL RIG :	CME 45	DRILLER :	E. COSME
SURFACE ELEV.:	N/A	DRILL METHOD :	HOLLOW STEM AUGER	LOGGED BY :	R. OCASIO
WATER DEPTH :	NOT DETECTED	SAMPLER :	2" OD X 24" L	START DATE :	05/15/2019
ELAPSED TIME :	N/A	HAMMER WEIGHT :	140 LB	FINISH DATE :	05/15/2019

WATER LEVEL	DEPTH FEET	DEPTH METERS	SAMPLE No.	BLOWS (per 6 in.)	N-VALUE 0 100 / w (%) 0 100	GRAPHIC LOG	SOIL DESCRIPTION	N (bpf)	Qu (tsf)	PEN (tsf)	TOTAL UNIT Wt. (pcf)	w (%)
	0	0	B104-1	4-6-13-16			SILTY SAND, some rock fragments, little clayey silt, very stiff, brownish yellow (FILL?)	19				7.6
			B104-2	8-17-24-34			CLAYEY SILT, little to some sand, little oxidation joints, hard, olive yellow	41				16.1
	5	1	B104-3	8-27-22-29			SAME AS ABOVE	49				13.9
		2	B104-4	22-27-28-32			SAME AS ABOVE, brownish yellow, gray	55				16.0
			B104-5	11-27-23-25			SAME AS ABOVE, yellowish brown	50		2.5		16.8
	10	3					END OF BORING AT 10 FEET					
	15	4										
		5										
	20	6										
		7										
	25	8										
	30	9										
		10										
	35	11										
	40	12										

NOTES: *All depths referred to existing grade*
Initial Water Level Reading
Final Water Level Reading

COMMENTS: TERMINATED DUE TO HARD DRILLING

GMTS

GEOTECHNICAL & MATERIALS TESTING SERVICES

BORING LOG

JOB No. : G181370 **BORING No. :** B-105

PROJECT : CARIDAD DEL COBRE

LOCATION : BAYAMON, PUERTO RICO

CLIENT : DESARROLLOS REALES, LLC

TOTAL DEPTH :	26 FEET	DRILL RIG :	CME 45	DRILLER :	E. COSME
SURFACE ELEV.:	N/A	DRILL METHOD :	HOLLOW STEM AUGER	LOGGED BY :	R. OCASIO
WATER DEPTH :	NOT DETECTED	SAMPLER :	2" OD X 24" L	START DATE :	05/15/2019
ELAPSED TIME :	N/A	HAMMER WEIGHT :	140 LB	FINISH DATE :	05/15/2019

WATER LEVEL	DEPTH FEET	DEPTH METERS	SAMPLE No.	BLOWS (per 6 in.)	N-VALUE 0–100 / w (%) 0–100	GRAPHIC LOG	SOIL DESCRIPTION	N (bpf)	Qu (tsf)	PEN (tsf)	TOTAL UNIT Wt. (pcf)	w (%)
	0	0	B105-1	4-6-6-7			SILTY CLAY, trace to little sand, stiff to hard, yellowish red	12	6.7	4.5+	122	23.9
			B105-2	3-6-6-9			SAME AS ABOVE, occ. roots, red	12	7.1	4.5+	119	29.8
		1										
			B105-3	3-6-9-9			SILTY CLAY, trace sand, stiff to hard, yellowish red	15		4.5		31.1
	5											
		2	B105-4	8-18-24-32			SILTY SAND AND SILTY CLAY, little rock fragments, dense/hard, light olive brown, yellowish red	42		4.0		21.4
			B105-5	6-12-11-12			CLAYEY SILT, little to some sand, little rock fragments, very stiff, yellowish red	23		2.75		25.9
	10	3										
		4										
			B105-6	6-8-15-23			CLAYEY SILT, little to some sand, occ. oxidation joints, very stiff, yellowish red	23				30.6
	15	5										
		6	B105-7	18-50/5"			SILTY SAND, little to some rock fragments, very dense, olive yellow	50/5"				16.4
	20											
		7										
			B105-8	10-22-30-50/4"			CLAYEY SILT, little sand, little oxidation joints, hard, olive yellow	52				21.9
	25	8										
							END OF BORING AT 26 FEET					
	30	9										
		10										
	35	11										
	40	12										

NOTES: *All depths referred to existing grade*
Initial Water Level Reading
Final Water Level Reading

COMMENTS:

STUDY LIMITATIONS & GEOPROFESSIONAL PHASES

The CLIENT recognizes that special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program, implemented with the appropriate equipment and experienced personnel under the direction of a trained professional who functions in accordance with a professional standard of care may fail to detect certain conditions, because they are hidden and therefore cannot be considered in development of a subsurface exploration program.

For similar reasons, actual geological and geotechnical conditions between borings may differ significantly from those that actually exist. The passage of time must also be considered, due to natural occurrences or direct or indirect human intervention at the site or distant form it may quickly change. The CLIENT realizes that nothing can be done to eliminate this risk altogether, but certain techniques can be applied to help reduce them to that level tolerable by the CLIENT. GMTS is available to explain these risks and risk reduction methods.

Geoprofessional services can be divided into multiple phases/levels, as follows:

Phase I: ***Subsoil Investigation***

Level 1: ***Geotechnical Desktop Study*** is generally the first level available in the geotechnical toolbox. This type of study provides an overview of site conditions on a holistic level. Desktop studies are effective and valuable tools that are used as part of site investigation processes (for developed and/or undeveloped sites), especially for sites or projects that require an initial macro-level evaluation. A well-executed desktop study aids in identifying the likelihood of areas/zones exposed to specific risks without necessarily going into the micro (detailed) investigation level.

To perform the desktop study, GMTS uses its in-house comprehensive database, aerial photos, literature survey, and additional databases available, such as maps and public reports. The results are presented in a preliminary geotechnical desktop study report. The preliminary report may provide guidelines and recommendations of exploratory work at a given site as part of **Levels 2** and **3**.

Level 2: this level considers a ***Preliminary Subsoil Exploration*** program. The geoprofessional advises the client about project-specific risks and a preliminary subsurface exploration plan that responds to the CLIENT's risk tolerance levels, budget, schedule, and other vital concerns. The above results in the performance of a preliminary subsoil exploration of the site, preliminary evaluation of the encountered conditions and the preparation of a preliminary geotechnical engineering report, including opinions on the subsurface profile and general recommendations (generally performed with simplified procedures and presented in terms of ranges) for the preliminary design of the project. ***The recommendations provided are preliminary until confirmed with a final subsoil exploration program, geotechnical design, and field observation,*** because of the uncertainty associated with the subsurface profile prepared, based on a statistically limited number of soil samples obtained on the subsoil exploration program.

Level 3: the third level considers a ***Final Subsoil Exploration*** program. Generally, this is conducted after **Level 2**, or may be conducted directly, depending on the client's requirements.

This level combines methods used in **Levels 1** and **2** to provide a more comprehensive study. As in **Level 2**, the geoprofessional advises the client about project-specific risks and a comprehensive subsurface exploration plan that responds to the CLIENT's risk tolerance levels, budget, schedule, and other vital concerns. The above results in the performance of a final subsoil exploration of the site (*e.g.* borings, geophysical work, geotechnical instrumentation, etc.), a more comprehensive evaluation of the encountered conditions and the preparation of a geotechnical engineering report, including opinions on the subsurface profile and recommendations for design of the project. ***Even if they are not labeled as such, these recommendations are also preliminary until confirmed with specific geotechnical design and field observation*****,** because of the uncertainty associated with the subsurface profile prepared, based on a statistically limited number of soil samples obtained on the subsoil exploration program. However,

Phase II: ***Geotechnical Design Phase***

Geotechnical design is the next phase of a complete geoprofessional service and is directly related with specific design aspects of foundations, site improvement, and any other specific aspects of each project, as part of the design process. This requires a final project design and final evaluation of design aspects. This may also require additional site investigation, especially if a preliminary phase (**Level 2**) was not performed and/or the final exploration (**Level 3**) disclosed unanticipated areas of concern. Detailed and advanced geotechnical evaluation is conducted in this phase to optimize, for example, foundation design of structures. This may require iterations of designed elements for efficient optimization and specialized/advanced analyses such as finite element or complex soil-structure interaction modeling.

Phase III: ***Field Observation***

Field observation during construction comprises the third phase of a complete geoprofessional service; permitting those who developed the geotechnical engineering report to observe excavation and/or installation and thereby assess the reliability of their subsurface profile and appropriateness of the ***preliminary recommendations*** provided in the geotechnical engineering report. **The cost for field observation is NOT included in this technical and economic proposal.**

25

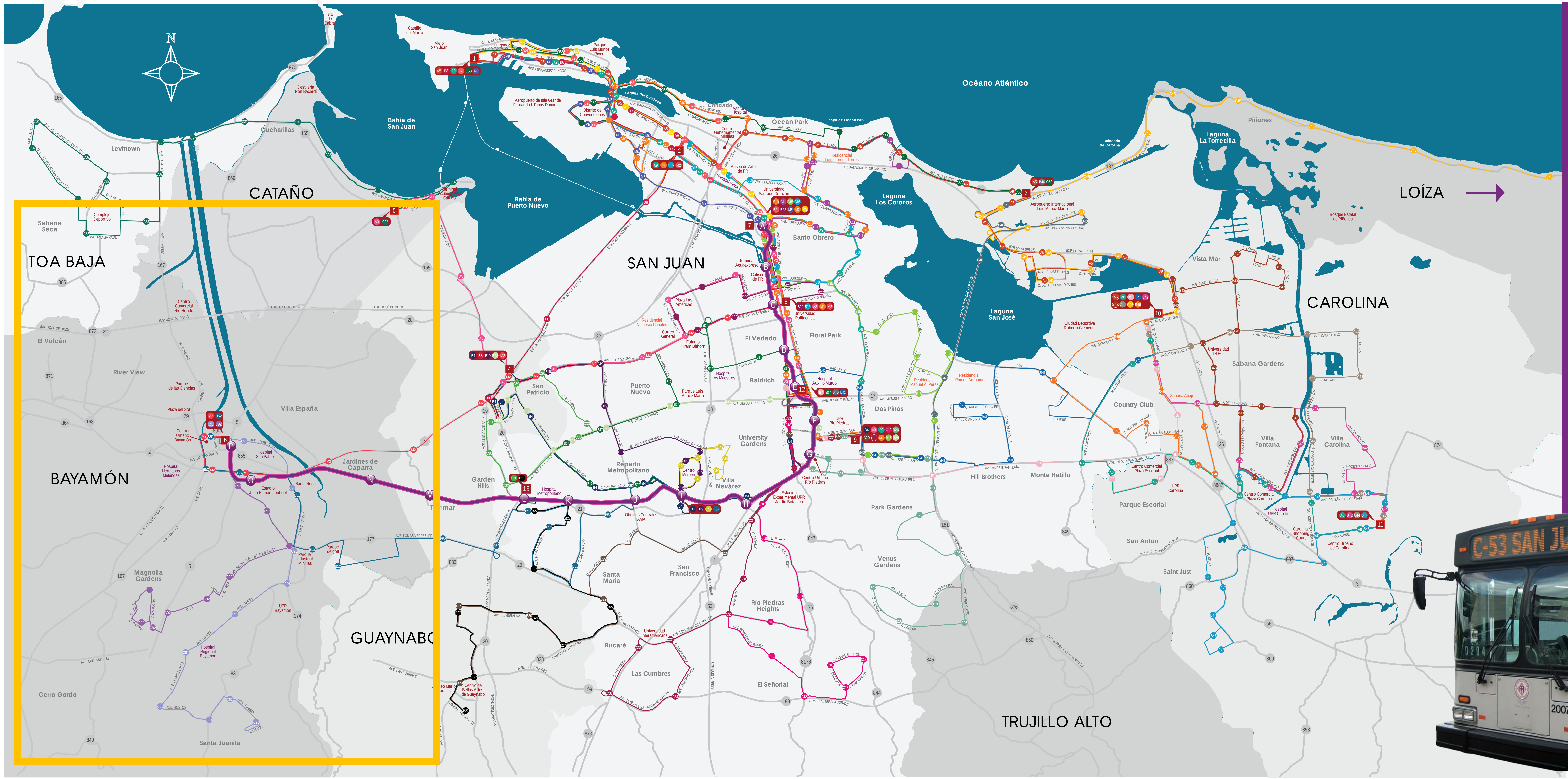
Autoridad Metropolitana de Autobuses (AMA) Route Map

Public Transportation Services - Bayamon Included

The following supporting documentation outlines the routes operated by the Puerto Rico public bus service, Autoridad Metropolitana de Autobuses (AMA), covering all municipalities it serves across Puerto Rico. Routes serving Bayamón are specifically highlighted with a yellow rectangle for easy identification.

Wihtin those routes towards of from Bayamon are:

- T-2: Connects Bayamón with Sagrado Corazón. University
- D37: Starts from Terminal de Lanchas , towards Bayamón.
- D91: Connects Estación Bayamón With Avenida Santa Juanita.
- D92: Connects Estación Bayamón with la Avenida Magnolia.



ESTADO LIBRE ASOCIADO DE PUERTO RICO

ESTACIONES TREN URBANO
A SAGRADO CORAZÓN
B HATO REY
C ROOSEVELT
D DOMENECH
E PIÑERO
F UNIVERSIDAD
G RÍO PIEDRAS
H CUPEY
I CENTRO MÉDICO
J SAN FRANCISCO
K LAS LOMAS
L MARTÍNEZ NADAL
M TORRIMAR
N JARDINES
O DEPORTIVO
P BAYAMÓN

TERMINALES Y CENTROS DE TRANSFERENCIA AMA
1 SAN JUAN-COVADONGA
2 PARADA 18
3 ISLA VERDE
4 SAN PATRICIO
5 CATAÑO
6 BAYAMÓN
7 SAGRADO CORAZÓN
8 HATO REY
9 RÍO PIEDRAS-CAPETILLO
10 ITURREGUI
11 CAROLINA
12 PIÑERO
13 MARTÍNEZ NADAL

26

Department of Natural and Environmental Resources (DNER) Response Letter

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

MAY 13 2022

Código: EA 22-0141 (OGPe)

Ing. Gabriel Hernández Rodríguez
Oficina de Gerencia de Permisos
PO Box 41179
San Juan PR 00940-1179

Código Expediente: 2020-334680-REA-008923
Proyecto: Apolonia Apartments
Localización: PR-2, Km. 137.5, Barrio Cerro Gordo, Bayamón, Puerto Rico

Estimado ingeniero Hernández:

El Área de Evaluación de Documentos Ambientales adscrita a la Secretaría Auxiliar de Cumplimiento Ambiental del Departamento de Recursos Naturales y Ambientales (DRNA) ha recibido la Recomendación de Evaluación Ambiental (REA) referida electrónicamente por la Oficina de Gerencia de Permisos (OGPe) relacionada con el proyecto de referencia según dispuesto en el Capítulo III, Regla 117, Inciso I, del Reglamento Núm. 8858 del 23 de noviembre de 2016, conocido como el "Reglamento Para el Proceso de Evaluación Ambiental (RPEA)" y conforme al Capítulo XIX, Artículo 19.9 de la Ley 161-2009, según enmendada, conocida como Ley para la Reforma del Proceso de Permisos en Puerto Rico.

Apolonia Apartments, LLC, propone la construcción de 138 unidades de vivienda distribuidos en cinco (5) edificios multifamiliares de tres (3) niveles, además, contarán con facilidades recreativas y de esparcimiento para las familias residentes, en un predio de terreno de aproximadamente 8.69 cuerdas, remanente de la Urbanización Panorama, ubicado en un Distrito R-I de Calificación y en Zona X de Inundabilidad. En el sector existen facilidades de energía eléctrica, agua potable, alcantarillado sanitario y acceso. La Quebrada Cerro Gordo ubica a una distancia aproximada de 105 metros al Este. Se estima que el lugar contará con un Generador de Electricidad de aproximadamente 3,000 KW.

Tomando en consideración que la consulta de ubicación y de construcción sea aprobada, y que las agencias pertinentes autoricen la acción propuesta; y conforme a la información sometida en la REA, el DRNA emite las siguientes recomendaciones:

1. Los comentarios y recomendaciones son de aplicabilidad al proyecto propuesto, siempre y cuando el mismo haya obtenido las autorizaciones o permisos o usos autorizados requeridos para su ubicación, construcción u operación, lo que corresponda, incluyendo: (1) contar con el visto bueno del DRNA de un plano del proyecto firmado y sellado por personal cualificado, identificando la faja de seguridad a lo largo

de la Quebrada Cerro Gordo, un retiro mínimo de cinco (5) metros de ancho medidos desde el borde del cauce de la quebrada, deberá establecerse. Dicha faja se mantendrá expedita y no podrá ser utilizada para usos distintos al propósito de conservación del cuerpo de agua. Además, la faja de seguridad, deberá dedicarse a favor del Municipio de Bayamón, y ser segregada como lote independiente, en cumplimiento con el Artículo 2 de la Ley Núm. 49 del 4 de enero de 2003, según enmendada por la Ley Núm. 55 de 22 de enero de 2004. La certificación de deslinde de del DRNA es imprescindible previo a cualquier determinación que se tome sobre el proyecto propuesto, y (2) cumplir con lo requerido en la Certificación de Hábitat a ser presentada ante el DRNA, conforme al Capítulo 9.13 del Reglamento Conjunto para la evaluación y expedición de permisos relacionados al desarrollo, uso de terrenos y operación de negocios. Dicha certificación deberá ser tramitada en el DRNA, en conformidad con la Ley Núm. 241 de 15 de agosto de 1999, la nueva Ley de Vida Silvestre de Puerto Rico, el Reglamento 6765 Reglamento para Regir La Conservación y el Manejo de La Vida Silvestre, Las Especies Exóticas y la Caza en el Estado Libre Asociado de Puerto Rico y la Orden Administrativa Núm. 2010-09, Para Establecer los Procedimientos y Requisitos Para La Evaluación, Categorización y Mitigación de Hábitats.

2. Las recomendaciones emitidas corresponden solamente a la aplicación de los reglamentos promulgados bajo la Ley 416-2004, según enmendada, en las diferentes fases del proyecto.

3. La REA se somete ante la OGPe según lo dispuesto en la Regla 116 del RPEA, como parte del procedimiento requerido para la acción propuesta y la misma es circulada a las agencias con inherencia que la OGPe estime pertinente. Según dicho Reglamento, el documento ambiental que finalmente se someta ante la OGPe, deberá cumplir con la Regla 118 en cuanto a formato y con la Regla 120, en cuanto a contenido.

4. Cumplir con las disposiciones aplicables del Plan de Ordenamiento Territorial del Municipio de San Juan y de la Regla 3.4.1 ("Permiso Único Incidental Operacional"), la Sección 5.1.9.3 ("Manejo de Aguas Pluviales"), la Sección 5.1.9.4 ("Obras Pluviales") y el Capítulo 9.13 ("Hábitat") del Reglamento Conjunto de Permisos de 2020, Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios, según adoptado por la JP (Reglamento Núm. 9233, con vigencia del 2 de enero de 2021).

5. Tomar las medidas necesarias para evitar que residuos de sustancias orgánicas e inorgánicas tales como: aceites, combustibles u otras sustancias químicas, puedan ser arrastradas por la escorrentía y ganen acceso a la Quebrada Cerro Gordo, o al sistema pluvial.

6. Cumplir con el Reglamento Núm. 8786 del 9 de agosto de 2016, conocido como el "Reglamento para el Control y la Prevención de la Contaminación Lumínica" en lo relacionado a fuentes emisoras de iluminación exterior y demás requisitos aplicables al proyecto que disponga dicho reglamento.

7. Para la descarga de escorrentía a la Quebrada Cerro Gordo, durante la construcción, deberán obtener de la Agencia Federal de Protección Ambiental (EPA, por sus siglas en inglés) el correspondiente permiso bajo el Sistema Nacional de Eliminación de Descargas Contaminantes ("NPDES" por sus siglas en inglés) conforme a la Sección 402 de la Ley Federal de Agua Limpia.

MAY 13 2022

8. El almacenaje, manejo y disposición de los desperdicios sólidos no peligrosos a generarse durante la fase de operación, debe realizarse en conformidad con el Reglamento Núm. 5717 del 14 de noviembre de 1997, conocido como el "Reglamento para el Manejo de Desperdicios Sólidos No Peligrosos".

9. Sobre el uso de un generador de electricidad para emergencias:

a. De tener una capacidad mayor de diez (10) caballos de fuerza y una operación mayor de quinientas horas al año, obtener los correspondientes permisos del DRNA conforme a las Reglas 203 y 204 del Reglamento Núm. 5300 del 28 de agosto de 1995, conocido como el "Reglamento para el Control de la Contaminación Atmosférica". Para una operación no mayor de quinientas horas al año solicitar a través de la Oficina de Gerencia de Permisos (OGPe) el Permiso General conforme al Reglamento Núm. 7308 del 1 de marzo de 2007, conocido como el "Reglamento para el Trámite de Permisos Generales".

b. El mismo será únicamente utilizado para proveer energía cuando el sistema de energía primario sea interrumpido durante eventos de emergencias.

c. Controlar los olores objetables que puedan afectar la atmósfera comunal.

d. Respecto al tanque sobre tierra para suplir combustible diésel al generador, someter al Área de Calidad de Agua un Plan de Emergencia, reflejando las acciones a tomar para evitar, controlar y remediar derrames del combustible diésel, a tenor con la Regla 1306.5 del Reglamento Núm. 9079 del 26 de abril de 2019, conocido como el "Reglamento de Estándares de Calidad de Agua de Puerto Rico".

10. En lo relacionado al nivel de sonido máximo permitido se debe cumplir con el Reglamento Núm. 8019 del 9 de mayo de 2011, conocido como el "Reglamento para el Control de la Contaminación por Ruido".

Las recomendaciones presentadas en esta comunicación, no eximen de cumplir con cualquier otro requerimiento o permiso del DRNA, que sean aplicables a la acción propuesta.

Cordialmente,

Ing. Luis Sierra
Secretario Auxiliar
Secretaria Auxiliar de Permisos
Endosos, y Servicios Especializados

ADL/adl

27

Traffic Study (2008)

Traffic Engineering Consultants PSC
Urb. Rossevelt • 481 calle Fernando Calder FL1
San Juan, PR, 00918-2728
Phone: (787) 724-2007 • Fax:787) 772-0690
info@tecpr.com

11:30 A.M.
Constructora Las Americas. Llamar a Franklyn para verificar si existe estudio Transito.

17 de junio de 2008

Sr. Esteban Estrada
Urbanus
San Juan, P.R.

Re: Propuesta para desarrollo residencial Condominio Caridad del Cobre

Estimado señor Estrada:

Agradecemos el interés de su empresa en que nuestra oficina le presente una propuesta de servicios profesionales en ingeniería de tránsito. A continuación detallamos las tareas, ámbito, presupuesto e itinerario que estimamos necesarios para la preparación del estudio de tránsito correspondiente al desarrollo residencial Condominio Caridad del Cobre en el municipio de Bayamón. Si necesita información adicional no dude en comunicarse con nosotros; con gusto lo asistiremos.

1. Tareas

Las tareas que se detallan a continuación persiguen el fiel cumplimiento con los requisitos de la Autoridad de Carreteras y Transportación descritos en el documento titulado GUIAS PARA LA PREPARACIÓN DE ESTUDIOS OPERACIONALES DE ACCESO Y DE TRÁNSITO PARA PUERTO RICO.

a) Revisión de datos de tránsito, configuraciones geométricas de las intersecciones a ser evaluadas y tiempos de los semáforos de dichas intersecciones (de ser aplicable).

b) Conteos manuales de vehículos durante doce horas seguidas en un día típico de semana en las intersecciones seleccionadas.

c) Modelación y evaluación de las condiciones presentes (horas pico AM y PM) del tránsito utilizando el modelo computarizado que aplique la situación existente; SIDRA o SYNCHRO.

d) Estimado de los viajes a generarse por el proyecto bajo estudio así como de aquellos proyectos ya aprobados en el área de estudio.

e) Modelación y evaluación de las condiciones futuras del tránsito utilizando el modelo computarizado aplicable (al momento de inaugurar el desarrollo).

f) Análisis de los resultados, desarrollo de conclusiones y recomendaciones para las condiciones futuras del tránsito en el área bajo estudio.

2. Ámbito

Desarrollos de esta magnitud según las mencionadas Guías requieren la evaluación de un escenario futuro. Este es el esperado al momento de la apertura del proyecto (presumiendo construcción y ocupación completa).

Para este estudio se evaluarán las siguientes intersecciones:

a) PR-830 con Avenida Caridad del Cobre
b) PR-167 con PR-830
c) PR-840 con PR-199
d) Avenida Caridad del Cobre con Acceso al desarrollo

Traffic Engineering Consultants
Urb. Roosevelt
481 calle Fernando Calder #1
San Juan, PR 00918-2728

Propuesta Económica

Number: **E179**

Date: **June 17, 2008**

Cliente

Esteban Estrada

Proyecto:
Condominio Caridad del Cobre
Bayamón

Descripción	**Cantidad**
Recolección de datos	
Conteos manuales y datos geométricos	2,500.00
Análisis de la condición existente (AM y PM)	5,500.00
Análisis de la condición futura (AM y PM)	6,500.00
Análisis de resultados, conclusiones y redacción de informe	1,000.00
Descuento	(1,000.00)

Itinerario:
El itinerario para los conteos de este proyecto queda pendiente hasta discutirse con el cliente.

Notas:
1. Los $2,500.00 para la toma de datos deben ser entregados al momento de aceptar la propuesta para comenzar los trabajos.
2. El saldo será pagadero una vez se entregue el informe final. El cliente tendrá un periodo de 30 días para realizar dicho pago. De no ser así se le cobrará 10% adicional del total de la factura.

OK Esteban Estrada

Total **$14,500.00**

Carlos Solis <eng.solis@gmail.com>

Emailing: Propuesta estudio de tránsito Caridad del Cobre

1 message

Miguel H. Pellot Altieri <pellot@trafficpr.com> **Tue, Jun 17, 2008 at 11:32 AM**
Reply-To: pellot@tecpr.com
To: Carlos Solis <eng.solis@gmail.com>

Saludos Carlos. Adjunto la propuesta solicitada. Dejame saber si tienes alguna duda al respecto. Te pido por favor si me puedes averiguar el status del pago del balance pendiente correspondiente a los estudios de Paseos de Ciales y Morovis. Garcias adelantadas.

Miguel Pellot

The message is ready to be sent with the following file or link attachments:

$5,000.00

Propuesta estudio de tránsito Caridad del Cobre

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Propuesta estudio de tránsito Caridad del Cobre.pdf
103K

Carlos Solis

From: Carlos Solis
Sent: Tuesday, September 16, 2008 11:41 AM
To: pellot@tecpr.com
Cc: Esteban Estrada; Carlos Solis
Subject: RE: Caridad del Cobre, Bayamon
Attachments: 20080915164951265.pdf

Saludos Pellot, te hago llegar la propuesta firmada para el proyecto en referencia, para el comienzo del estudio de campo.
Gracias

urbãnus
DESARROLLANDO BUENA VIDA

Carlos Solís Ramírez, BSCE
Urbãnus Development Inc.
P.O. Box 9932
San Juan, PR 00908-9932

Office: 787-474-3672 / **Fax:** 787-474-3675
Email: csolis@urbanuspr.com – csolis@fr-contractors.com

Disclaimer: This e-mail message and all documents, which accompany it, are intended only for the use of the individual or entity to which addressed and may contain privileged or confidential information. Any unauthorized disclosure or distribution of this e-mail message is prohibited. If you have received this e-mail in error, please notify immediately. By using the enclosed electronic file(s) contained herewith, the recipient assumes all risks associated with their use and, to the fullest extent permitted by law, to hold harmless and indemnify Urbãnus Development Inc.: from and against all claims, liabilities, losses, and expenses including attorney fees.

From: Miguel H. Pellot Altieri [mailto:pellot@trafficpr.com]
Sent: Monday, June 23, 2008 10:51 AM
To: Carlos Solis
Subject: RE: Caridad del Cobre, Bayamon

La PR-830 se convierte en la PR-840 en su camino a la PR-199. Esta es una de las rutas de salida del desarrollo hacia los municipios de San Juan y Guaynabo. Saludos.

Miguel H. Pellot Altieri, P.E.
Traffic Engineering Consultants, PSC
Urb. Roosevelt
481 c. Fernando Calder
San Juan, PR, 00918-2728

Tel.: 787-724-2007
Fax: 787-772-0690

From: Carlos Solis [mailto:csolis@urbanuspr.com]
Sent: Tuesday, June 17, 2008 3:00 PM
To: pellot@trafficpr.com
Cc: Carlos Solis; Esteban Estrada
Subject: Caridad del Cobre, Bayamon

Saludos Pellot:

Estuve leyendo la propuesta y me tengo duda por que estas incluyendo las PR-199 y PR-840?? Se que habíamos comentado que solo nos mantendríamos en lo que es la PR-830, la Avenida Caridad del Cobre y lo que respecta al control de acceso y así la propuesta era mucho mas económica.
Gracias.

urbānus
DESARROLLANDO BUENA VIDA

Carlos Solís Ramírez, BSCE
Urbānus Development Inc.
P.O. Box 9932
San Juan, PR 00908-9932

Office: 787-474-3672 / **Fax:** 787-474-3675
Email: csolis@urbanuspr.com – csolis@fr-contractors.com

Disclaimer: This e-mail message and all documents, which accompany it, are intended only for the use of the individual or entity to which addressed and may contain privileged or confidential information. Any unauthorized disclosure or distribution of this e-mail message is prohibited. If you have received this e-mail in error, please notify immediately. By using the enclosed electronic file(s) contained herewith, the recipient assumes all risks associated with their use and, to the fullest extent permitted by law, to hold harmless and indemnify Urbānus Development Inc.: from and against all claims, liabilities, losses, and expenses including attorney fees.

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 270.4.0/1507 - Release Date: 6/18/2008 7:09 AM

Surveying & Engineer Consultants

JRCN Agrimensura
Cond. Prados del Monte #29
Calle Basilio Cátala, apto.1510
Guaynabo, PR 00971
Tel. 787.464.4397
Fax 787.998.0226
jrc@jrcn-pr.com

1 de Agosto de 2008

A: Ing. Carlos Solis
F&R Contractors

Re: Revisión de Propuesta por Servicios Profesionales, Estudio de Transito, Proyecto Caridad del Cobre, Municipio de Bayamón, P.R.

Estimado Ing. Solis:

Según acordado en los pasados días, le hacemos llegar nuestra propuesta & acuerdo de Servicios Profesionales de Ingeniería para el proyecto en epígrafe. La necesidad de este responde la carta enviada por la Autoridad de Carreteras y Transportación, el pasado mes, en donde se refiere a las nuevas guías adoptadas por la agencia en diciembre del 2004 y requieren se presente un estudio de transito para el desarrollo residencial propuesto.

Tareas a Realizarse:

1. **Descripción del desarrollo propuesto:** se incluirá una descripción detallada gráfica y escrita del proyecto propuesto incluyendo mapas de localización (topográfico, zonificación, carreteras) , fotos del área, uso propuesto, alcance y tamaño de proyecto

2. **Descripción del área de estudio y escenarios a evaluarse: El** área de estudio se delimitará basado en los accesos al desarrollo propuesto y de las vías de acceso público que éste impactará. El área se comprenderá de los accesos propuestos y las intersecciones más importantes del área. Re incluirá una descripción detallada de las intersecciones a evaluarse.

3. **Conteo de vehículos:** estos se llevaran durante un día típico por un periodo de doce (12) horas corridas en todas las intersecciones identificadas en el área de estudio. La data será procesada, analizada, evaluada y certificada.

4. **Análisis de condición existente (sin proyecto en el presente):**

   a. Volúmenes tabulados: se presentarán en forma gráfica y/o tabulada por hora pico y por movimiento.

   b. Geometría de las intersecciones analizadas en forma gráfica incluyendo los siguientes parámetros:

i. Número y ancho de carriles
ii. Largo de carriles SOLO de aceleración o deceleración
iii. Existencia de estacionamientos paralelos
iv. Paradas de carros públicos, autobuses, etc.
v. Existencia de cruces de peatones
vi. Pendientes (%)
vii. Velocidad reglamentada
viii. Control de la intersecciones – No semaforizada – se ilustrará en forma gráfica o escrita la localización de los rótulos de control (PARE o CEDA).

a. **Análisis de Capacidad** – presentar en forma escrita y tabulada los resultados de los análisis operacionales.

- Por carril o grupo de carriles: se incluirán resultados de nivel de servicio, de demora promedio y de largo de cola promedio.
- Por acceso: se incluirán resultados de nivel de servicio, de demora promedio y de largo de cola promedio.
- Por intersección: se incluirán resultado de nivel de servicio y de demora promedio.

5. **Análisis de escenarios con proyecto** – presentar en forma escrita y tabulada los resultados de los análisis operacionales.

a. Volúmenes tabulados – deben ser presentados en forma gráfica o tabulada por hora pico y por movimiento incluyendo:

- Viajes generados por el desarrollo propuesto

- Proyección del flujo vehicular no asociado al desarrollo (el % de crecimiento anual en diferentes carreteras puede ser obtenido en la Oficina de Recopilación y Análisis de Tránsito de la Autoridad)

- Viajes generados por otros proyectos en el área de estudio que se encuentren en la fase de construcción o que cuenten con el permiso de construcción (si aplica)

b. Geometría de las intersecciones con el diseño del acceso o de los accesos propuestos incluyendo los parámetros de diseño. En las intersecciones existentes y que no sufran cambios geométricos o en el control (semáforo) deben hacer referencia a la geometría presentada en la condición existente.

c. Control de la intersección

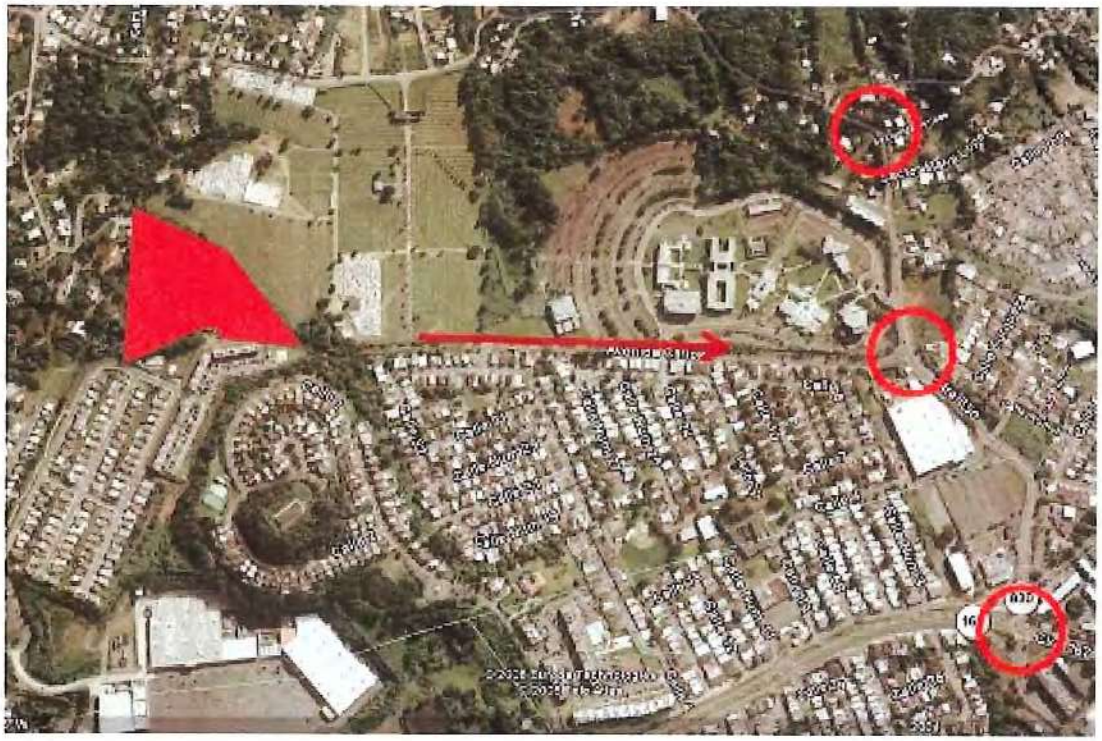
d. Análisis de capacidad

6. **Análisis de alternativas viables para el proyecto, si aplica:** se presentaran alternativas para minimizar el impacto del desarrollo en las vías de acceso si los resultados de las intersecciones impactadas no es aceptable.

7. **Resultados, comentarios y recomendaciones**

Intersecciones en el area de Estudio:

1. PR-167 con PR-830 (semaforizada)
2. PR- 830 con Ave. Caridad del Cobre
3. PR-830 con PR 834



Honorarios y Plan de Pago:

Los honorarios por servicios profesionales de agrimensura están establecidos por el Colegio de Ingenieros & Agrimensores de Puerto Rico (CIAPR), nuestros honorarios se desglosan de la siguiente manera:

1. Recopilación de Datos: descripción, tamaño y alcance del proyecto, vías de accesos y carreteras existentes incluyendo geometría de las intersecciones dentro del área de estudio.	**$1,500.00**
2. Conteos de Vehículos a. Programación y preparación para los conteos de vehículos. b. Conteos de Vehículos (12 horas) c. Evaluación de Datos de Conteos	**$4,000.00**
3. Preparación y Calibración del modelo para la simulación de las intersecciones a evaluarse en aaSIDRA	**$4,000.00**
4. Análisis de la Operación del Tránsito para cada uno de los escenarios	**$1,500.00**
5. Preparación de Graficas: diseño geométrico conceptual de intersecciones, preparación de tablas y figuras.	**$ 500.00**
6. Preparación y reproducción del Estudio	**$ 500.00**
TOTAL	**$12,000.00**

Con la firma de este acuerdo se solicita un depósito inicial de un 35% de los honorarios ($4,200), el saldo restante ($7,800) de estos se facturara al momento de la entrega del informe final. Se espera el saldo de dicha factura en o antes de un tiempo razonable de 30 días o menos.

Nota Importante: No están incluidas las tareas de radicación ni de seguimiento en la agencia pertinente, ya que entendemos que estos servicios serán provistos por el diseñador de los planos. De ser requeridas tendrán un costo adicional de $1,000 dólares.

Toda revisión del estudio por motivos de cambios en el diseño, tendrá un costo adicional de $1,500 por revisión de ser solicitada alguna.

Es responsabilidad del contratante proveer los planos de diseño para las intersecciones en cuestión al igual que para la entrada del proyecto.

Cualquier requerimiento de parte del contratante deberá ser negociado de antemano. De este no estar de acuerdo con lo antes mencionado, por favor notificarlo para realizar los ajustes pertinentes de ser posibles.

Tiempo de Entrega: Los servicios propuestos se entregarán aproximadamente en 30 días calendario luego de la orden de proceder dado que se haya suministrado a nuestra oficina toda la información necesaria. Con la entrega del reporte final se entregaran cuatro (4) copias debidamente certificadas. Copias adicionales, tendrán un costo adicional según solicitadas.

Aprobación:

Favor evaluar la misma y comunicarse con nosotros de necesitar aclarar cualquier renglón de la misma. De aceptar lo estipulado en la propuesta, favor iniciar cada página y firmar la última página de ambas copias, retener una para sus expedientes y devolver la otra copia para los nuestros.

Agradecidos de la oportunidad de servirle, quedamos a su disposición para ésta y cualquier otra encomienda. De tener cualquier duda sobre la propuesta o cualquiera de sus secciones, no dude en comunicarse con nosotros al (787)464-4397.

Recibido por:_____
(Letra de Molde)
Firma: _____

Fecha: _____

Cordialmente,

Agrim. José Rivera Cacho
Socio Administrador, JRCN Surveying & Engineer Consultants

Carlos Solis

From: Agrim. Jose Rivera Cacho [jriveracacho@hotmail.com]
Sent: Thursday, August 07, 2008 2:23 PM
To: Carlos Solis
Subject: Revision de Propuesta Caridad del Cobre
Attachments: propuesta estudio de transito _revisada_.pdf

Carlos:

Adjunto te envio la revision de la propuesta para el estudio de transito de caridad del cobre...de darme la orden de proceder trata de que sea lo antes posible pq voy a estar fuera de PR del 16 de Agosto al 2 de Sept.....y quisiera dejar esto coordinado antes de esto para que porlomenso el levantamiento de las intersecciones y los conteos se puedan hacer.

Cualquier cosa me llamas

Saludos

Cacho

Surveying & Engineer Consultants

JRCN Agrimensura
Cond. Prados del Monte #29
Calle Basilio Cátala, apto.1510
Guaynabo, PR 00971
Tel. 787.464.4397
Fax 787.998.0226
jrc@jrcn-pr.com

24 de Junio de 2008

A: Ing. Carlos Solis
F&R Contractors

Re: Propuesta por Servicios Profesionales, Estudio de Transito, Proyecto Caridad del Cobre, Municipio de Bayamón, P.R.

Estimado Ing. Solis:

Según acordado en los pasados días, le hacemos llegar nuestra propuesta & acuerdo de Servicios Profesionales de Ingeniería para el proyecto en epígrafe. La necesidad de este responde la carta enviada por la Autoridad de Carreteras y Transportación, el pasado mes, en donde se refiere a las nuevas guías adoptadas por la agencia en diciembre del 2004 y requieren se presente un estudio de transito para el desarrollo residencial propuesto.

Tareas a Realizarse:

1. **Descripción del desarrollo propuesto:** se incluirá una descripción detallada gráfica y escrita del proyecto propuesto incluyendo mapas de localización (topográfico, zonificación, carreteras) , fotos del área, uso propuesto, alcance y tamaño de proyecto

2. **Descripción del área de estudio y escenarios a evaluarse: El** área de estudio se delimitará basado en los accesos al desarrollo propuesto y de las vías de acceso público que éste impactará. El área se comprenderá de los accesos propuestos y las intersecciones más importantes del área. Re incluirá una descripción detallada de las intersecciones a evaluarse. ¿Cuales son las Int.?

3. **Conteo de vehículos:** estos se llevaran durante un día típico por un periodo de doce (12) horas corridas en todas las intersecciones identificadas en el área de estudio. La data será procesada, analizada, evaluada y certificada.

4. **Análisis de condición existente (sin proyecto en el presente):**

   a. Volúmenes tabulados: se presentarán en forma gráfica y/o tabulada por hora pico y por movimiento.

   b. Geometría de las intersecciones analizadas en forma gráfica incluyendo los siguientes parámetros:

i. Número y ancho de carriles
ii. Largo de carriles SOLO de aceleración o deceleración
iii. Existencia de estacionamientos paralelos
iv. Paradas de carros públicos, autobuses, etc.
v. Existencia de cruces de peatones
vi. Pendientes (%)
vii. Velocidad reglamentada
viii. Control de la intersecciones – No semaforizada – se ilustrará en forma gráfica o escrita la localización de los rótulos de control (PARE o CEDA).

a. **Análisis de Capacidad** – presentar en forma escrita y tabulada los resultados de los análisis operacionales.

- Por carril o grupo de carriles: se incluirán resultados de nivel de servicio, de demora promedio y de largo de cola promedio.
- Por acceso: se incluirán resultados de nivel de servicio, de demora promedio y de largo de cola promedio.
- Por intersección: se incluirán resultado de nivel de servicio y de demora promedio.

5. **Análisis de escenarios con proyecto** – presentar en forma escrita y tabulada los resultados de los análisis operacionales.

a. Volúmenes tabulados – deben ser presentados en forma gráfica o tabulada por hora pico y por movimiento incluyendo:

- Viajes generados por el desarrollo propuesto

- Proyección del flujo vehicular no asociado al desarrollo (el % de crecimiento anual en diferentes carreteras puede ser obtenido en la Oficina de Recopilación y Análisis de Tránsito de la Autoridad)

- Viajes generados por otros proyectos en el área de estudio que se encuentren en la fase de construcción o que cuenten con el permiso de construcción (si aplica)

b. Geometría de las intersecciones con el diseño del acceso o de los accesos propuestos incluyendo los parámetros de diseño. En las intersecciones existentes y que no sufran cambios geométricos o en el control (semáforo) deben hacer referencia a la geometría presentada en la condición existente.

c. Control de la intersección

d. Análisis de capacidad ¿ recomendaciones

6. **Análisis de alternativas viables para el proyecto, si aplica:** se presentaran alternativas para minimizar el impacto del desarrollo en las vías de acceso si los resultados de las intersecciones impactadas no es aceptable.

7. **Resultados, comentarios y recomendaciones**

Honorarios y Plan de Pago:

Los honorarios por servicios profesionales de agrimensura están establecidos por el Colegio de Ingenieros & Agrimensores de Puerto Rico (CIAPR), nuestros honorarios se desglosan de la siguiente manera:

1. Recopilación de Datos: descripción, tamaño y alcance del proyecto, vías de accesos y carreteras existentes incluyendo geometría de las intersecciones dentro del área de estudio.	**$ 500.00**
2. Conteos de Vehículos a. Programación y preparación para los conteos de vehículos. b. Conteos de Vehículos (12 horas) c. Evaluación de Datos de Conteos	**$2,000.00**
3. Preparación y Calibración del modelo para la simulación de las intersecciones a evaluarse en aaSIDRA	**$3,000.00**
4. Análisis de la Operación del Tránsito para cada uno de los escenarios	**$1,500.00**
5. Preparación de Graficas: diseño geométrico conceptual de intersecciones, preparación de tablas y figuras.	**$ 500.00**
6. Preparación y reproducción del Estudio	**$ 500.00**
TOTAL	**$8,000.00**

Con la firma de este acuerdo se solicita un depósito inicial de un 35% de los honorarios ($2,800), el saldo restante ($5,200) de estos se facturara al momento de la entrega del informe final. Se espera el saldo de dicha factura en o antes de un tiempo razonable de 30 días o menos.

Nota Importante: No están incluidas las tareas de radicación ni de seguimiento en la agencia pertinente, ya que entendemos que estos servicios serán provistos por el diseñador de los planos. De ser requeridas tendrán un costo adicional de $1,000 dólares.

Toda revisión del estudio por motivos de cambios en el diseño, tendrá un costo adicional de $1,500 por revisión de ser solicitada alguna.

Es responsabilidad del contratante proveer los planos de diseño para las intersecciones en cuestión al igual que para la entrada del proyecto.

Cualquier requerimiento de parte del contratante deberá ser negociado de antemano. De este no estar de acuerdo con lo antes mencionado, por favor notificarlo para realizar los ajustes pertinentes de ser posibles.

Tiempo de Entrega: Los servicios propuestos se entregarán aproximadamente en 30 días calendario luego de la orden de proceder dado que se haya suministrado a nuestra oficina toda la información necesaria. Con la entrega del reporte final se entregaran cuatro (4) copias debidamente certificadas. Copias adicionales, tendrán un costo adicional según solicitadas.

Aprobación:

Favor evaluar la misma y comunicarse con nosotros de necesitar aclarar cualquier renglón de la misma. De aceptar lo estipulado en la propuesta, favor iniciar cada página y firmar la última página de ambas copias, retener una para sus expedientes y devolver la otra copia para los nuestros.

Agradecidos de la oportunidad de servirle, quedamos a su disposición para ésta y cualquier otra encomienda. De tener cualquier duda sobre la propuesta o cualquiera de sus secciones, no dude en comunicarse con nosotros al (787)464-4397.

Recibido por:_____
(Letra de Molde)
Firma:_____

Fecha:_____

Cordialmente,

Agrim. José Rivera Cacho
Socio Administrador, JRCN Surveying & Engineer Consultants

TRAFFIC CONSULTING ENGINEERS & PLANNERS

FACSIMILE TRANSMITTAL SHEET

TO: Carlos Salis Ramírez, BSCE

FROM: 8/julio/2008 José J. Parajo

COMPANY: Arbanus Alex, Inc.

DATE:

FAX NUMBER: 787-474-3675

TOTAL NO. OF PAGES INCLUDING COVER:

PHONE NUMBER:

SENDER'S REFERENCE NUMBER:

RE: Caridad del Cobre, PR 830, Bayamón

YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

Adjunto propuesta Balcones del Parque para solicitudes.

P.O. BOX 1764 Caguas P.R. 00725 Office (787) 744.3589 FAX (787) 703.5141
http://www.plctraffic.com ingeplan@caribe.net

PROPUESTA TÉCNICA Y ECONÓMICA
PARA ESTUDIO DE TRÁNSITO
PROYECTO RESIDENCIAL CARIDAD DEL COBRE
CARRETERA PR-830 INTERIOR
BARRIO CERRO GORDO
BAYAMÓN, PUERTO RICO

PREPARADA PARA:

CARLOS SOLÍS RAMÍREZ, BSCE
URBÄNUS DEVELOPMENT INC.

8 DE JULIO DE 2008

TRAFFIC CONSULTING
ENGINEERS & PLANNERS
OFFICE: (787) 744-3589 • FAX: (787) 703-5141 • e-mail: ingeplan@caribe.net

JOSÉ J. PAREJO COHÉN, P. E., PTOE
Traffic and Transportation Engineer

8 de julio de 2008

Carlos Solís Ramírez, BSCE
P.O Box 9932
San Juan, Puerto Rico 00908-9932

Estimado ingeniero Solís:

Según solicitado, me place presentarle para su consideración y aprobación la propuesta técnica y económica para el estudio de tránsito para el proyecto residencial Caridad del Cobre de 182 apartamentos localizado en la carretera PR-830 interior en el Barrio Cerro Gordo del municipio de Bayamón, Puerto Rico.

Agradecemos la oportunidad que nos ha brindado de someter la propuesta para el proyecto en referencia. Esperando servirle en este y otros proyectos futuros.

Cordialmente,

José J. Parejo, P.E., PTOE

P. O. BOX 1764 CAGUAS, P.R. 00726-1764

INDICE

INTRODUCCIÓN

ALCANCE DE LOS SERVICIOS

TIEMPO DE EJECUCIÓN

PROPUESTA ECONÓMICA

Fax from : 07-08-08 14:28 Pg: 4

INTRODUCCIÓN

El estudio de tránsito para el proyecto residencial Caridad del Cobre de 182 apartamentos localizado en la carretera PR-830 interior en el Barrio Cerro Gordo del municipio de Bayamón, Puerto Rico, será realizado utilizando la metodología recomendada por el Departamento de Transportación y Obras Públicas y la Autoridad de Carreteras y Transportación y de acuerdo a los manuales y referencias del Instituto de Ingenieros de Transportación y la Junta de Investigaciones en Transportación. (Ver Anejo)

A continuación se explican las partes más importantes del estudio de tránsito propuesto para el sistema vial que servirá al proyecto bajo consideración. Estas partes son los siguientes:

I. Afluencia de Vehículos
   a. Determinación área de estudio
   b. Recuento de vehículos
II. Análisis de la generación de viajes
III. Distribución y asignación del tránsito generado
IV. Estudio de Capacidad (Modelaciones)
V. Conclusiones y recomendaciones

I. Afluencia de Vehículos

a. Determinación área de estudio

Para determinar el área que será cubierta en el desarrollo de un estudio de impacto sobre el tránsito se toma en consideración los siguientes factores:

1. la localización del proyecto
2. el tipo de proyecto a ser construido
3. el sistema vial que servirá al proyecto

Mediante un proceso de observaciones de campo y considerando las recomendaciones del manual "Traffic Access and Impact Studies for Site Development" del Instituto de Ingenieros de Transportación se procede a seleccionar las intersecciones que serán estudiadas. Se estudian las intersecciones ya que estas son los puntos en que se recibe el mayor impacto en el flujo de vehículos. Dichas intersecciones deben estar localizadas entre 450 y 800 metros de distancia desde el área del proyecto.

b. Recuento de vehículos

Se utiliza el método automático para realizar los recuentos de vehículos en las intersecciones seleccionadas. El mismo consiste en instalar contadores (o máquinas electrónicas) en puntos específicos en las intersecciones que son estudiadas, tomando todas las provisiones indicadas en el Manual de Estudios

Fax From : 07-08-08 14:28 Pg: 5

de Ingeniería de Tránsito. Este método es preferible al sistema manual de conteo de datos ya que es más preciso y eficiente. También se utiliza contadores electrónicos para los movimientos de viraje en intersecciones.

Previo a la instalación de los contadores se realiza una visita al lugar en la que participa el ingeniero supervisor de operaciones y el supervisor de los instaladores de máquinas. En esta inspección se visitan las intersecciones seleccionadas y se determina dónde se instalarán las máquinas de acuerdo a las condiciones existentes en el terreno. Generalmente las máquinas permanecen por tres (3) días en el lugar, se inspeccionan las mismas diariamente para asegurarse que su funcionamiento esté correcto y luego se recogen para el procesamiento de los datos recopilados.

Los datos recopilados por la máquina, debidamente numerados por acceso, se procesan en computadora utilizando el programa de conteo (Jamar Technologies) y se obtienen los volúmenes de vehículos por acceso; viraje a la izquierda, recto y a la derecha. Estos movimientos los encontramos en la mayoría de las intersecciones que son en forma de cruz.

II. Análisis de la generación de viajes

Para determinar la generación de viajes del proyecto se utilizará el Manual de Generación de Viajes del Instituto de Ingenieros de Transportación, 2da Edición, junio 2004. Este es el documento aceptado por el Departamento de Transportación y la Autoridad de Carreteras en la realización de un estudio de tránsito.

Los datos incluidos en el Manual de Generación de Viajes fueron obtenidos mediante la realización de recuento de vehículos entrando y saliendo de la facilidad estudiada. Este manual contiene datos de sobre 3,750 estudios de generación de viajes, discute las aplicaciones y usos de las aplicaciones y usos de la ecuaciones de generación de viajes, discute las características de cada uso de terreno, los porcentajes de viajes, máximos, mínimos y promedios en días de semana, fines de semana y durante las horas pico por los distintos generadores de tránsito y otros datos estadísticos.

Los datos contenidos en el Manual de Generación de Viajes serán utilizados para cumplimentar el programa de computadoras que realiza los cálculos electrónicos de la generación de viajes dependiendo del uso de terreno. Este programa fue implantado por la Universidad de California y se conoce como "Trip Generation by Microtrans", 7th Edition, 2003.

Utilizando los datos del Manual de Generación de Viajes, a través de su programa de computadora, determinamos la cantidad de viajes a ser generados por el proyecto propuesto.

Fax From : 07-08-08 14:29 Pg: 6

Además, se determinará el crecimiento anual del tránsito en las principales carreteras estudiadas para proyectarlo al año de apertura del proyecto propuesto.

III. Distribución y asignación del tránsito generado

Se utilizará el método análogo para distribuir y asignar el tránsito que generará el proyecto propuesto ya que existen desarrollos similares a este proyecto. Este método está basado en determinar la distribución del tránsito utilizando desarrollos similares.

Utilizando los datos que serán recopilados en las intersecciones seleccionadas durante las horas de estudio se determinará la distribución del tránsito que actualmente discurre en cada una de ellas. Con los volúmenes de tránsito distribuidos por dirección se procederá a calcular los por cientos en cada una de las intersecciones estudiadas.

IV. Estudio de Capacidad

El estudio de capacidad se realiza para determinar el nivel de servicio a que operan las intersecciones estudiadas en el presente, como operarán en el futuro considerando el tránsito existente, el tránsito generado y el crecimiento al año de apertura del proyecto.

La metodología utilizada para el estudio de capacidad está descrita en el Manual de Capacidad en las Carreteras publicado por el "Transportation Research Board", 7ma Edición, 2000. La misma metodología es utilizada y aceptada por la Autoridad de Carreteras y Transportación en la realización de los análisis de capacidad.

En el estudio de tránsito se explicará detalladamente los diferentes niveles de servicio y su relación con las demoras en el tránsito.

El análisis de capacidad considera las condiciones geométricas de la intersección en términos de número de carriles, su utilización y ancho, los volúmenes de vehículos recopilados en cada intersección por movimiento (Izquierda, recto y derecha) y el factor de hora máxima para cada uno de ellos. Para el análisis de intersecciones con sistema de semáforos se considera las fases o grupo de movimientos, los tiempos verde, amarillo y todo rojo. Estos datos se incorporan al programa de computadora que realiza los cálculos del nivel de servicio por cada uno de los movimientos.

Fax From : 07-08-08 14:29 Pg: 7

VI. Conclusiones y recomendaciones

Luego de analizados los datos obtenidos de los análisis de capacidad y del cotejo de la geometría se puede concluir si el proyecto propuesto tendrá impacto o no en el sistema vial que servirá al mismo.

Fax from : 07-08-08 14:29 Pg: 8

II

ALCANCE DE LOS SERVICIOS

ALCANCE DE LOS SERVICIOS

Actividades de campo

1. Coordinar con el Ing. Solís reuniones para discutir el trabajo y solicitar cualquier información que sea necesaria.

2. Inspecciones de campo al sitio donde se desarrollará el proyecto para observar el flujo de vehículos en el área del mismo.

3. Inventario de las facilidades existentes en el área seleccionada.

   a. Señales de tránsito
   b. Semáforos: fases, tipos, tiempos, ciclos y condiciones físicas.
   c. Croquis de las intersecciones a ser estudiadas
   d. Aspectos de seguridad

4. Se realizarán recuentos de vehículos por 24 horas en las intersecciones consideradas como clave en el estudio.

5. Inspección de los accesos existentes para determinar sus condiciones y contribución al proyecto.

6. Investigación en la Junta de Planificación, Autoridad de Carreteras y Transportación y Departamento de Transportación y Obras Públicas sobre proyectos propuestos y aprobados, plan vial y mejoras programadas en el área de estudio.

7. Presentar el estudio de tránsito en la Autoridad de Carreteras y Transportación.

8. Dar seguimiento a los trámites relacionados con el estudio de tránsito en la Autoridad de Carreteras y Transportación.

Actividades de análisis

1. Análisis de los accesos: circulación

2. Análisis de tránsito: determinación de la generación de viajes para el nuevo proyecto.

3. Análisis de los datos de afluencia de vehículos para determinar posibles problemas, hora máxima de flujo de vehículos, factor de hora pico.

Fax From : 07-08-08 14:30 Pg: 10

4. Análisis de capacidad de las intersecciones claves y tramos de carreteras seleccionados: presente y futuro al año de apertura del proyecto.

5. Análisis de las mejoras necesarias de acuerdo a los resultados del estudio.

6. Conclusiones y recomendaciones

Fax From : 07-08-08 14:30 Pg: 11

III

TIEMPO DE EJECUCIÓN

TIEMPO DE EJECUCIÓN

En la gráfica a continuación se muestran las actividades a llevarse a cabo con su duración estimada.

El tiempo total de ejecución se estima en ocho (8) semanas. El tiempo del estudio empezará a contar a partir de la fecha de la firma de esta propuesta y de la entrega de los documentos necesarios requeridos para la realización del mismo. Estos documentos son: plano final del proyecto, cartas de las agencias gubernamentales, (Departamento de Transportación y Obras Públicas, Autoridad de Carreteras y Junta de Planificación) y fotos aéreas, si están disponibles.

Fax From : 07-08-08 14:30 Pg: 13

PLC TRAFFIC CONSULTING ENGINEERS & PLANNERS

P.O. BOX 1764
CAGUAS, P.R. 00726

(787) 744-3580 OFFICE
(787) 703-5141 FAX
E-MAIL INGEPLAN @ CARIBE.NET

DURACIÓN ESTIMADA DE LA ACTIVIDAD

DURACIÓN DE LA ACTIVIDAD

PROYECTO: ESTUDIO DE TRÁNSITO PROYECTO RESIDENCIAL PR-830 INTERIOR, BO. CERRO GORDO, BAYAMÓN, PR

CLIENTE: CARLOS SOLÍS RAMÍREZ, BSCE, URBÁNUS DEVELOPMENT, INC.

FECHA: 8/JULIO/08

REVISIÓN:

TIEMPO EN SEMANAS

NUM.	DESCRIPCION DE LA ACTIVIDAD		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	OBSERVACIÓN DE CAMPO	E	■																
		R																	
2	RECOPILACIÓN DE DATOS	E		■															
		R																	
3	ANALISIS	E			■	■	■	■											
		R																	
4	PREPARACIÓN DE INFORME	E					■	■	■	■									
		R																	
5	REPRODUCCION	E								■									
		R																	

IV

PROPUESTA ECONÓMICA

Fax from : 07-08-08 14:30 Pg: 15

PROPUESTA ECONÓMICA

Los honorarios por los servicios profesionales a ser prestados en el estudio de tránsito para el proyecto residencial Caridad del Cobre de 182 apartamentos localizado en la carretera PR-830 interior en el Barrio Cerro Gordo del municipio de Bayamón, Puerto Rico, según se enumeran en la Parte II de esta propuesta, serán por la cantidad de $13,500.00.

Los pagos se realizarán de la siguiente forma:

Al comenzar el proyecto $5,400.00

Al entregar informe final 8,100.00

$ 13,500.00

8-VII-08

José J. Parejo, P.E., PTOE

Fecha

Aceptada conforme:

Carlos Solís Ramírez, BSCE

Fecha

Fax From : 07-08-08 14:30 Pg: 16

REFERENCIAS

1. aaSIDRA Intersection computer program, Akcelik & Associates 2006 (signalized and unsignalized intersection design and analysis aid)

2. Access Management Manual, Transportation Research Board of the National Academies, 2003

3. Guías para la Preparación de Estudios de Accesos y Tránsito de la Autoridad de Carreteras y Transportación, diciembre de 2004.

4. Highway Capacity Manual, Transportation Research Board, 2000 National Academy of Sciences.

5. Manual of Traffic Engineering Studies, Institute of Transportation Engineers, H. Douglas Robertson, Joseph E. Hummer and Donna C. Nelson, 1994 Prentice Hall, Inc.

6. Parking Generation, 3rd Edition 2004, Institute of Transportation Engineers

7. Synchro 7 Studio, computer program for intersection a systems analysis, Trafficware 2006.

8. Traffic Access and Impact Studies for Site Development, Institute of Transportation Engineers, Brian S. Bochner

9. Traffic Engineering Handbook, 1999, Institute of Transportation Engineers

10. Transportation and Land Development, Institute of Transportation Engineers, Vergil C. Stover/Frank J. Koepke, 2nd Edition 2002.

11. Trip Generation Computer Program by Microtrans, Institute of Transportation Engineers, 7th Edition, 2003

12. Trip Generation Handbook, 2nd Edition, June 2004, Institute of Transportation Engineers

13. Trip Generation, 7th Edition Volumes 1, 2 and 3, Institute of Transportation Engineers, 2003

Traffic Engineering Consultants PSC
Urb. Rossevelt • 481 calle Fernando Calder FL1
San Juan, PR, 00918-2728
Phone: (787) 724-2007 • Fax:787) 772-0690
info@tecpr.com

17 de junio de 2008

Sr. Esteban Estrada
Urbanus
San Juan, P.R.

Re: Propuesta para desarrollo residencial Condominio Caridad del Cobre

Estimado señor Estrada:

Agradecemos el interés de su empresa en que nuestra oficina le presente una propuesta de servicios profesionales en ingeniería de tránsito. A continuación detallamos las tareas, ámbito, presupuesto e itinerario que estimamos necesarios para la preparación del estudio de tránsito correspondiente al desarrollo residencial Condominio Caridad del Cobre en el municipio de Bayamón. Si necesita información adicional no dude en comunicarse con nosotros; con gusto lo asistiremos.

1. Tareas

Las tareas que se detallan a continuación persiguen el fiel cumplimiento con los requisitos de la Autoridad de Carreteras y Transportación descritos en el documento titulado GUIAS PARA LA PREPARACIÓN DE ESTUDIOS OPERACIONALES DE ACCESO Y DE TRÁNSITO PARA PUERTO RICO.

a) Revisión de datos de tránsito, configuraciones geométricas de las intersecciones a ser evaluadas y tiempos de los semáforos de dichas intersecciones (de ser aplicable).

b) Conteos manuales de vehículos durante doce horas seguidas en un día típico de semana en las intersecciones seleccionadas.

c) Modelación y evaluación de las condiciones presentes (horas pico AM y PM) del tránsito utilizando el modelo computarizado que aplique la situación existente; SIDRA o SYNCHRO.

d) Estimado de los viajes a generarse por el proyecto bajo estudio así como de aquellos proyectos ya aprobados en el área de estudio.

e) Modelación y evaluación de las condiciones futuras del tránsito utilizando el modelo computarizado aplicable (al momento de inaugurar el desarrollo).

f) Análisis de los resultados, desarrollo de conclusiones y recomendaciones para las condiciones futuras del tránsito en el área bajo estudio.

2. Ámbito

Desarrollos de esta magnitud según las mencionadas Guías requieren la evaluación de un escenario futuro. Este es el esperado al momento de la apertura del proyecto (presumiendo construcción y ocupación completa).

Para este estudio se evaluarán las siguientes intersecciones:

a) PR-830 con Avenida Caridad del Cobre
b) PR-167 con PR-830
c) PR-840 con PR-199
d) Avenida Caridad del Cobre con Acceso al desarrollo

Traffic Engineering Consultants
Urb. Roosevelt
481 calle Fernando Calder #1
San Juan, PR 00918-2728

Propuesta Económica

Number: **E179**

Date: **June 17, 2008**

Cliente

Esteban Estrada

Proyecto:
Condominio Caridad del Cobre
Bayamón

Descripción	**Cantidad**
Recolección de datos	
Conteos manuales y datos geométricos	2,500.00
Análisis de la condición existente (AM y PM)	5,500.00
Análisis de la condición futura (AM y PM)	6,500.00
Análisis de resultados, conclusiones y redacción de informe	1,000.00
Descuento	(1,000.00)

Itinerario:
El itinerario para los conteos de este proyecto queda pendiente hasta discutirse con el cliente.

Notas:
1. Los $2,500.00 para la toma de datos deben ser entregados al momento de aceptar la propuesta para comenzar los trabajos.
2. El saldo será pagadero una vez se entregue el informe final. El cliente tendrá un periodo de 30 días para realizar dicho pago. De no ser así se le cobrará 10% adicional del total de la factura.

OK Esteban Estrada

Total **$14,500.00**

CAR #ACT

urbãnus
DESARROLLANDO BUENA VIDA.

Calle Harvard Esq. Interamericana
University Gardens, Río Piedras
P.O. Box 9932
San Juan, Puerto Rico 00908-9932
Tel. 787-474-3672 Fax 787-474-3675

30 de mayo de 2008

Sr. Carlos González Miranda, PE
Secretario
Departamento de Transportación y Obras Públicas
Centro Gubernamental Minillas
Edif. Sur, Piso 17 Ave. De Diego
Santurce, PR 00940-1269

RECIBIDO
1 n 2 2008
Oficina del Secretario
Inic.

RE: **Proyecto Caridad del Cobre**
Ave. Caridad del Cobre, Sector Cana
Bo. Cerro Gordo
Bayamón, PR

Estimado ingeniero González Miranda:

Por este medio le estoy entregando los siguientes documentos del proyecto en referencia. El mismo en la Oficina de Permisos de Bayamón fue asignado con el siguiente número: **2007-15-0879-CU**. Le incluyo los siguientes documentos:

1. **Plano conceptual del proyecto en referencia**
2. **Copia de la Notificación de la vista publica a celebrarse el próximo 10 de junio de 2008. La misma será a celebrarse a las 10:00 AM, en el primer piso de casa alcaldía.**

Cualquier información adicional que usted necesite referente a lo antes expuesto favor de comunicarse a nuestras oficinas al teléfono (787) 474-3672.

Cordialmente;
Desarrollos Reales, Inc.

Carlos Solís Ramírez, BSCE, M. ASCE
Asistente Gerente Desarrollo

ANEJOS

H:\0-CARTAS\CARIDAD DEL COBRE, BAYAMON\Carta Tramite DTOP Region San Juan.doc

ADO DE PUERTO RICO
UTONOMO DE
ERMÁN
EL ALCALDE
ssidad Interamericana
uerto Rico 00683
Fax 787-892-1314

SUBASTA
7-2008

del Municipio Autónomo de San
roposiciones en sobres sellados,
martes, 10 de junio de 2008, en
dpal de la Casa Alcaldía para la
tas:

GENERAL

	Hora
	10:00 a.m.
	10:00 a.m.
	10:15 a.m.
ndústrial y acetileno	10:15 a.m.
os Municipales	10:30 a.m.
	10:30 a.m.

CONSTRUCCIÓN

a Sector El Cotto

e junio de 2008	10:45 a.m.
junio de 2008	9:30 a.m.

ier cotización deberá solicitar los
Oficina de Secretaría Municipal en
durante días y horas laborables a

área recreativa Sector El Cotto se
del 5% de la cantidad licitada. El
izaremos una reunión compulsoria
slatura Municipal.

obres cerrados y especificar encima
le Subasta, Número de Renglón,
dor. Todas las licitaciones tendrán
istro el Municipio y firmados en
dor o su representante autorizado.

dores que a tenor con la Ley de
Memorándum Circular de OCAM
ualquier persona natural o jurídica
con el Municipio el que cumpla
que ha cumplido con todas sus
con el Estado Libre Asociado de
pios en lo relativo a contribuciones
e la propiedad mueble o inmueble,
tra contribución, arbitrio o licencia

pañadas por la Certificación del
u defecto deberá acompañar los
cha de expedición deberá estar

Hacienda (no deuda o copia Plan

nos 5 años) si excede $10,000.00 al

CRIM

ón Sustento a Menores (ASUME)
oraciones) si aplica
Penales
ución Corporativa o Affidávit de
documentos
ía autorizado la firma de su
le subasta y en el contrato

Municipio de San Germán, tendrá
tas por treinta (30) días a partir de
el derecho de aceptar o rechazar
iones y de adjudicar la buena pro
es del Municipio de San Germán,
factores que no sean los del precio

cificaciones de la subasta.

Janice Flores Morales

Lcda. Janice Flores Morales
Presidente Junta de Subasta

ATAL DE ELECCIONES CEE-C-08-139

Sears

NOTA ACLARATORIA A NUESTROS CLIENTES

En nuestra circular Sólo 2 días, con ofertas válidas del 23 al 24 de mayo de 2008, en la pagina 4, el televisor LCD Sylvania® #71246 tiene el ahorro incorrecto y debió leer $300. Disculpen cualquier inconveniente que esto les haya podido causar.

ESTADO LIBRE ASOCIADO DE PUERTO RICO
OFICINA DE ORDENAMIENTO TERRITORIAL
MUNICIPIO AUTONOMO DE BAYAMON

Ciudad de Oportunidades

AVISO DE VISTA

Fecha: 10 de junio de 2008

S O B R E

CONSULTA DE UBICACION PARA UN PROYECTO RESIDENCIAL DE 182 UNIDADES DE VIVIENDA TIPO "MID-RISE" EN LA AVENIDA CARIDAD DEL COBRE, BO. CERRO GORDO, SECTOR CASA DEL MUNICIPIO AUTÓNOMO DE BAYAMON

Para conocimiento del público en general y de conformidad con las disposiciones del Artículo 23 de la Ley Núm. 75 del 24 de junio de 1975, según enmendada, conocida como "Ley Orgánica de la Junta de Planificación de Puerto Rico", de la Ley Núm. 170 del 12 de agosto de 1988, según enmendada, conocida como Ley de Procedimiento Administrativo Uniforme de Puerto Rico, se informa que la Oficina de Ordenamiento Territorial del Municipio de Bayamón, celebrará Vista Pública, según se dispone a continuación:

I.	CONSULTA NÚMERO	:	2007-15-0379-CU
	REPRESENTANTE	:	Arq. Miguel del Río JORGE DEL RIO, ARQUITECTOS
	PROPONENTE	:	URBANOS, INC.
	FECHA	:	10 de junio de 2008
	HORA	:	9:30 A.M.
	LUGAR	:	ASAMBLEA MUNICIPAL 1er. PISO DE CASA ALCALDIA

ASUNTOS A DISCUTIRSE:

1. Propuesta ubicación de un Proyecto Residencial de 182 unidades de vivienda que consiste en la construcción de trece (13) edificios de apartamentos de siete plantas tipo "Mid Rise" con ascensor, el cual se conocerá con el nombre de Caridad del Cobre. El área bruta de construcción será de 264,555.4 pies cuadrados en un predio de 24,578 m.c., se propone la ocupación de 403 estacionamientos sobre terreno, facilidades recreativas y control de acceso.

- Las estructuras de los edificios número 1, 2 y 4 consisten de 6 núcleos (cada uno) con escalera y ascensor al centro de cada par (2) de núcleos, y cada núcleo consta de 7 unidades para un total de 42 apartamentos por cada edificio. Los apartamentos se accesan en el primer nivel o planta del cual se subdivide (7) plantas para un total de 9 niveles con 2 unidades por piso por escalera y/o ascensor. La estructura del edificio número 3 consta de 8 núcleos con escalera y ascensor al centro de cada par (2) de núcleos que de acceso a unidades de apartamentos en siete (7) plantas para un total de 56 apartamentos. Los apartamentos se accesan al igual que los edificios 1, 2 y 4, desde el primer nivel. Todas las unidades son iguales, en cuanto a la distribución de los espacios, cumpliendo la área adicionada en las unidades a nivel de piso, las cuales tienen acceso a la cisterna.

- El predio objeto de consulta tiene una cabidad de 8.08 cuerdas. El mismo radica al norte de la Carretera PR-830 en el Barrio Cerro Gordo del Municipio de Bayamón. Se propone segregar dicho predio en dos parcelas, Parcela A con 24,578 m.c. a desarrollarse y Parcela B con 9,563 m.c. a utilizarse para mitigación de reforestación y siembra. Dichas terrenos están comprendidos dentro de un Distrito RH-2, según el Mapa de Ordenación de Uso del Suelo del Municipio de Bayamón vigente, por lo que la parte proponente deberá discutir y justificar la cantidad que, eventualmente, podría contravenir el referido mapa o un distrito de mayor densidad. Si la consulta de ubicación fuera aprobada, la parte interesada deberá someter la evidencia de que el proyecto fue construido conforme lo aprobado por la Oficina de Ordenamiento Territorial y que cuenta, además, con los permisos de construcción y de uso otorgados por la Oficina de Permisos Municipal. Una vez se cuente con esa evidencia, la Oficina de Ordenamiento Territorial iniciará el proceso para recalificación de los terrenos, sin la necesidad de una nueva vista pública.

- El proponente será responsable por la construcción del conector Caridad de Cobre desde el tramo existente ya construido al sur del proyecto propuesto y en toda la extensión de la colindancia este del mismo.

La parte proponente deberá indicar la base legal bajo la cual se presentó la consulta de ubicación. Deberá justificar su propuesta conforme a las disposiciones de las Secciones 304.00, 305.00, 402.00, 801.00, 901.00, del Reglamento de Ordenación que Regula las Disposiciones de Uso de Suelo en el Municipio de Bayamón, con vigencia del 18 de marzo de 1996. Adicionalmente, deberá discutir el proyecto a tono con el Plan de Usos de Terrenos de la Región Metropolitana de San Juan y con cualquier otra disposición reglamentaria, legal o de política que pudiera ser aplicable al caso.

EXPOSICION DEL CASO:

En la exposición del caso, la parte proponente informará sobre los accesos vehiculares al proyecto; el impacto del tránsito que pueda generar el proyecto sobre las vías existentes en el sector, los servicios públicos existentes y a proveerse, tales como: alcantarillado sanitario y pluvial, abasto de agua potable, energía eléctrica, método de disposición de los desperdicios sólidos, área a servir el proyecto, empleos a crearse en fases de construcción y operación; disponibilidad de terrenos apropiados para uso residencial, así como cualquier otro tema que estime pertinente al caso.

EXPOSICION DE DOCUMENTOS:

Los planos de localización y el propuesto desarrollo estarán expuestos al público desde el día 23 de mayo de 2008 en la Oficina de Ordenamiento Territorial, cuarto piso de la esta Alcaldía y en la Oficina de Permisos del Municipio de Bayamón.

INVITACION AL PÚBLICO:

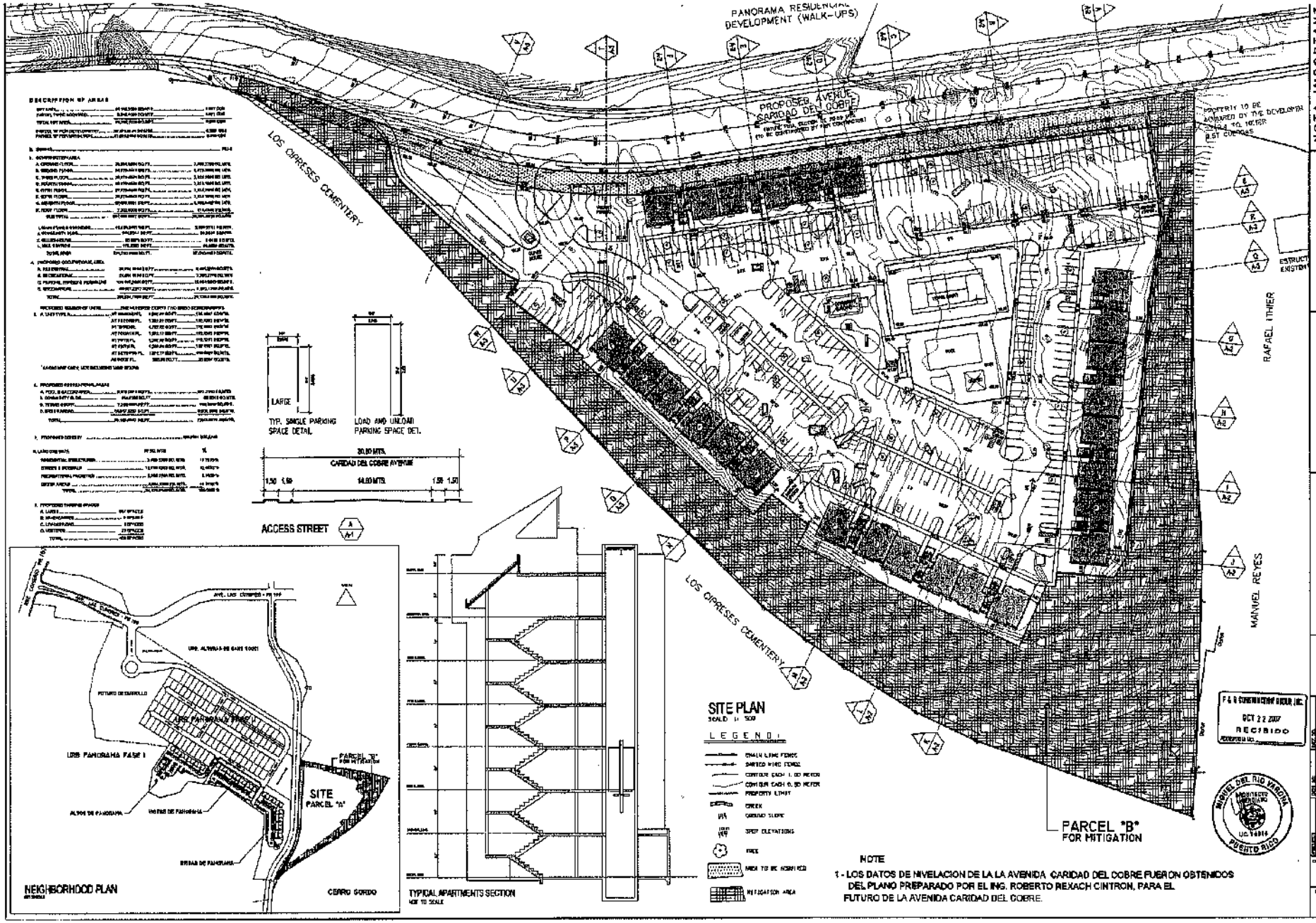
Se invita a los vecinos colindantes del proyecto, a los propietarios de terrenos que radican dentro de los límites territoriales circundantes, a las agencias gubernamentales y al público en general a participar en dicha vista y someter sus recomendaciones.

El oficial que presida la vista no podrá suspender una vista ya señalada, excepto que se notifique por escrito con anterioridad las razones que justifican dicha suspensión. Dicha solicitud será presentada con cinco (5) días de anticipación a la fecha de dicha vista, y cumpliendo con la Sección 8.03 del Reglamento para Procedimientos Adjudicativos de la Junta de Planificación, con vigencia del 12 de noviembre de 1999.

Antonio Díaz Ramos, P.E.
Director

Alda Rita Ortiz
Secretaria

AVISO PAGADO POR EL PETICIONARIO


PANORAMA RESIDENTIAL DEVELOPMENT (WALK-UPS)
PROPOSED AVENUE CARIDAD DEL COBRE
LOS CIPRESES CEMENTERY
RAFAEL LITHER
MANUEL REYES
ESTRUCT. EXISTENTE
LARGE
TYP. SINGLE PARKING SPACE DETAIL
LOAD AND UNLOAD PARKING SPACE DET.
30.00 MTS.
CARIDAD DEL COBRE AVENUE
14.00 MTS.
ACCESS STREET
SITE PLAN
SCALE 1: 500
LEGEND
PARCEL "B"
FOR MITIGATION
NEIGHBORHOOD PLAN
LOS PANORAMA FASE I
SITE
PARCEL "A"
CERRO GORDO
TYPICAL APARTMENTS SECTION
NOT TO SCALE
NOTE
1 - LOS DATOS DE NIVELACION DE LA LA AVENIDA CARIDAD DEL COBRE FUERON OBTENIDOS DEL PLANO PREPARADO POR EL ING. ROBERTO REXACH CINTRON, PARA EL FUTURO DE LA AVENIDA CARIDAD DEL COBRE.
NOTA IMPORTANT
SITE PLAN
CARIDAD DEL COBRE
CERRO GORDO, BAYAMON, PUERTO RICO
JORGE DEL RIO ARQUITECTOS, C.S.P.
REVISIONS
A-1
OCT 22 2007
RECIBIDO
MANUEL DEL RIO VARONA
ARQUITECTO
U.C. 4014
PUERTO RICO

28

Autoridad de Energía Eléctrica (AEE) Response Letter

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

26 de octubre de 2018

Sra. Iliana Garay Oh
Gerente Interina de Edificabilidad
Y Códigos e Infraestructura
PO Box 41118
Santurce, PR 00940

Estimada señora Garay:

OGPe	: 2018-235881-SRI-019433
A.E.E.	: 18-7-078
WR	: 5187763
Carga	: 2,000 KVA
Asunto	: Caridad del Cobre Carr. 840 Km. 0.5 Bo. Cerro Gordo, Bayamón

Nos referimos a su solicitud de información, con la cual nos incluía el plano de localización del proyecto de referencia.

1. Deberá presentar plano de diseño para endoso por certificación y la Certificación de Planos de Construcción Eléctrica para la distribución eléctrica correspondiente firmados digitalmente mediante OGPe. Ver Comunicado 18-01 del 29 de junio de 2018 para más detalles al respecto.

2. Línea existente: trifásica a un voltaje de 13.2 KV, 4 conductores calibre número 3/0 ACSR.

3. El voltaje de alimentación será de 13.2 KV. Alimentador Núm. 1719-16.

4. Esta evaluación cancela y sustituye cualquier anterior.

5. El dueño del proyecto aportará la cantidad de $44,000.00; el pago será mediante efectivo, cheque certificado o giro en la Oficina Comercial de la AEE más cercana, para realizar mejoras al sistema eléctrico. La Oficina Comercial acreditará el pago al tipo de AS: BCECIG – Ayuda a la construcción CIG - General. Deberá someter copia de la evidencia de pago a la Oficina de Estudios y Estimados de Bayamón con tres meses de anticipación al comienzo de los trabajos. Incluir nota al efecto en los planos de diseño.

"Somos un patrono con igualdad de oportunidades en el empleo y no discriminamos por razón de raza, color, sexo, edad, origen social o nacional, condición social afiliación política, ideas políticas o religiosas; por ser víctima o ser percibida(o) como víctima de violencia doméstica, agresión sexual o acecho, sin importar estado civil, orientación sexual, identidad de género o estatus migratorio; por impedimento físico, mental o ambos por condición de veterano(a) o por información genética."

6. El dueño será responsable de extender el alimentador requerido desde el punto de conexión hasta el proyecto y, de conseguir los permisos y servidumbres correspondientes a tales efectos.

7. El proyecto se conectará al punto indicado en el diagrama adjunto, además le pagará a la AEE por reemplazo de calibre de 3/0 ACSR por 556 ACSR y 750 MCM (pequeño tramo soterrado en entrada de la Universidad Interamericana) desde el punto A hasta el punto de conexión por una distancia aproximada de 2,900 pies (ver croquis adjunto). Las Coordenadas NAD 83 (en metros) correspondientes al punto de conexión para el proyecto son: **x: 226502.56 y: 257956.24**.

8. Coordinar punto exacto con el Ingeniero de Distrito de Bayamón, y detalles y costos de conexión con la Oficina de Estudios y Estimados de Bayamón.

9. Todo transformador de distribución a ser conectado al sistema de la AEE deberá ser diseñado y construido con características de pérdidas mejoradas.

10. La AEE seleccionará el tipo de metro contador a ser instalado en este proyecto de acuerdo al servicio solicitado y a su disponibilidad en los almacenes. El contratista deberá coordinar con la oficina de Medición de la región de Bayamón, para que se le provean las especificaciones de la base del metro contador antes de iniciar los trabajos de construcción. Incluir nota a tales efectos en los planos de diseño.

11. Si este proyecto requiere la instalación de medición secundaria o primaria para uno o más servicios con tarifa al por mayor, el diseñador del sistema eléctrico tiene que coordinar con la oficina de Irregularidades en el Consumo de Energía Eléctrica (ICEE) – Medición de la región de Bayamón el tipo de medición, los equipos que utilizará y la ubicación del equipo de medición. Incluir nota a tales efectos en los planos de diseño.

12. Este proyecto está afectado por líneas eléctricas. Cualquier trabajo de reubicación de líneas eléctricas energizadas será realizado por la AEE, con cargos al dueño y deberá coordinarse con el Ingeniero de Distrito de Bayamón.

13. La utilización del área de las servidumbres de paso de líneas de transmisión y sub-transmisión no está permitida. Deberá solicitar a la División de Distribución Eléctrica la utilización de servidumbres de paso en dichas líneas.

14. El dueño del proyecto deberá coordinar con el Ingeniero de Distrito de Bayamón el voltaje primario a ser utilizado, previo a la compra de los transformadores.

15. Será responsabilidad del dueño del proyecto obtener y gestionar todos los endosos de las agencias reguladoras tales como: Junta de Calidad Ambiental, (Declaración de Impacto Ambiental – DIA), Departamento de Recursos Naturales, Instituto de Cultura Puertorriqueña, (División de Permisos Arqueológicos), Cuerpo de Ingenieros de Estados Unidos, Departamento de Transportación y Obras Públicas Estatal o Municipal, Junta de Planificación, Administración de Reglamentos y Permisos, agencias gubernamentales, federales y privadas requeridos para el desarrollo del proyecto.

16. Es responsabilidad del desarrollador y diseñador cumplir con las disposiciones de los Comunicados de la AEE: 09-03 "Sello y notas generales para planos a presentarse para endoso de la AEE" del 4 de mayo de 2009, 08-09 "Documentos requeridos por la AEE para el desarrollo de proyectos de construcción eléctrica" del 8 de diciembre de 2008, 15-01 "Documentos Requeridos para la Evaluación y Endoso de Proyectos de Construcción Eléctrica" del 18 de junio de 2015, 12-01 "Política Pública para la construcción de sistemas eléctricos" del 8 de junio de 2012 y el 07-02 "Pruebas a Cables Soterrados Nuevos y sus Accesorios en Proyectos Privados" del 29 de junio de 2007, así como el Reglamento de Notificación y Urbanización (Reglamento #3 de la Junta de Planificación).

17. Los sistemas de alumbrado a construirse deberán cumplir con los siguientes Comunicados de la AEE: 07-01 de la AEE, Sistemas de Alumbrado, del 26 de marzo de 2007, 16-03, Proyectos de Construcción con Sistemas de Alumbrado Público, del 2 de diciembre de 2016 y el 16-04, Instalación de Luminarias Tipo Diodo Emisor de Luz (Light Emitting Diode – LED), del 2 de diciembre de 2016.

18. Las aportaciones y pagos por concepto de trabajos a realizarse por la AEE, especificados en este informe, deberán realizarse con dos meses de anticipación al comienzo del proyecto.

19. Mostrar las líneas de transmisión y/o distribución a tránsito y respetar las servidumbres de líneas eléctricas que pase por el proyecto. Planos finales de la unidad y/o carta del dueño del proyecto, cómputo de carga y coordenadas en NAD 83 (en metros) correspondientes a la ubicación del proyecto serán requisitos previos a la radicación de los planos. Las coordenadas deberán aparecer impresas en el plano a ser radicado, bajo el esquema de localización (1:20,000).

20. Será responsabilidad del diseñador del proyecto indicar la localización exacta del proyecto, ilustrar las líneas eléctricas existentes y coordinar la reubicación de líneas eléctricas.

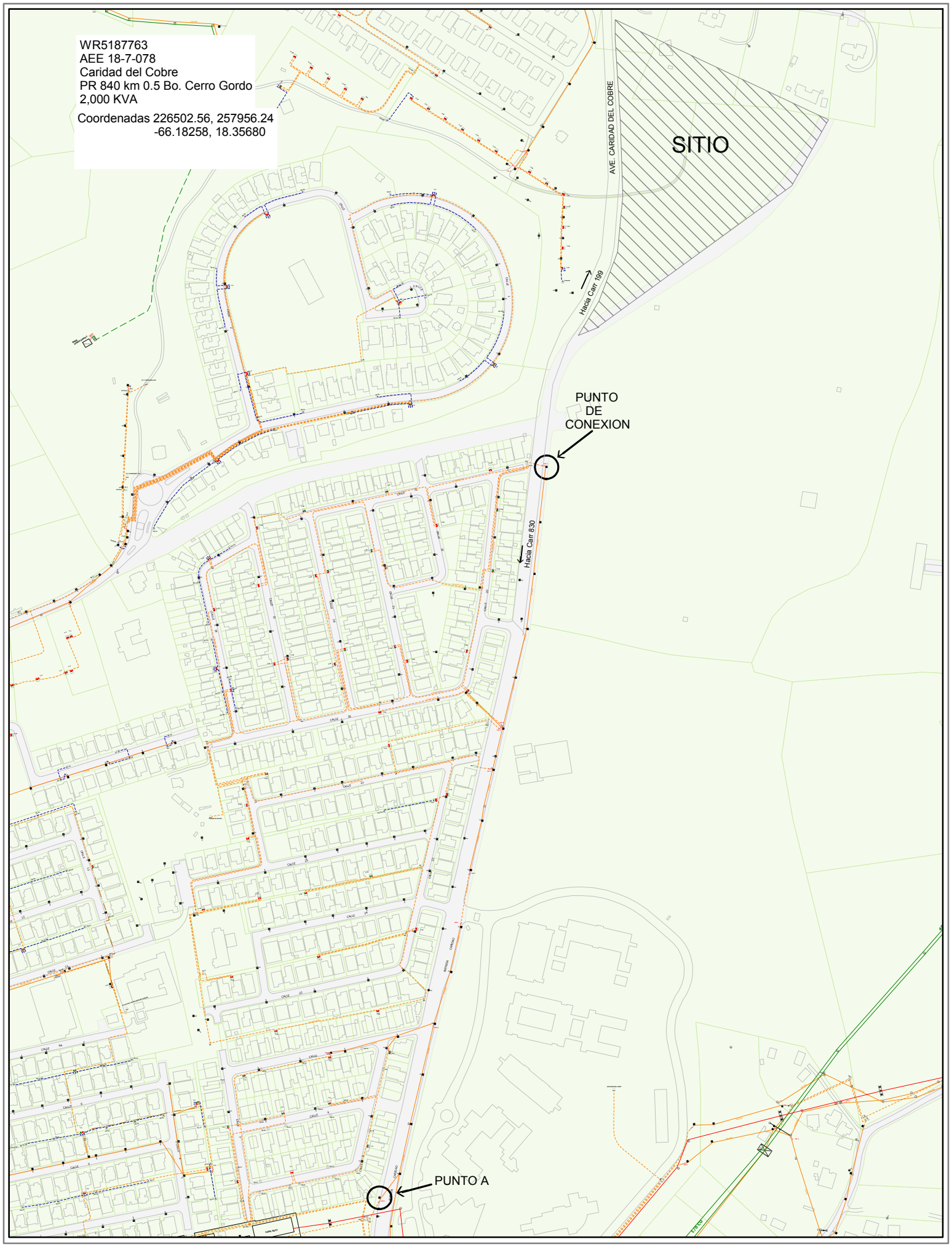
21. Esta evaluación del punto de conexión no constituye una revisión del plano de diseño. Corresponde al diseñador someter los planos para el endoso cumpliendo con la reglamentación de la AEE.

22. Es responsabilidad del diseñador verificar si el proyecto se sitúa dentro de los mapas delimitados por el Reglamento de Ordenación de la Infraestructura en el Espacio Público (Reglamento de Planificación Número 22). Los sistemas de distribución y transmisión a desarrollarse en estas zonas deberán seguir las guías establecidas por este reglamento. Incluir nota al efecto en los planos de diseño.

23. Esta evaluación caduca al año.

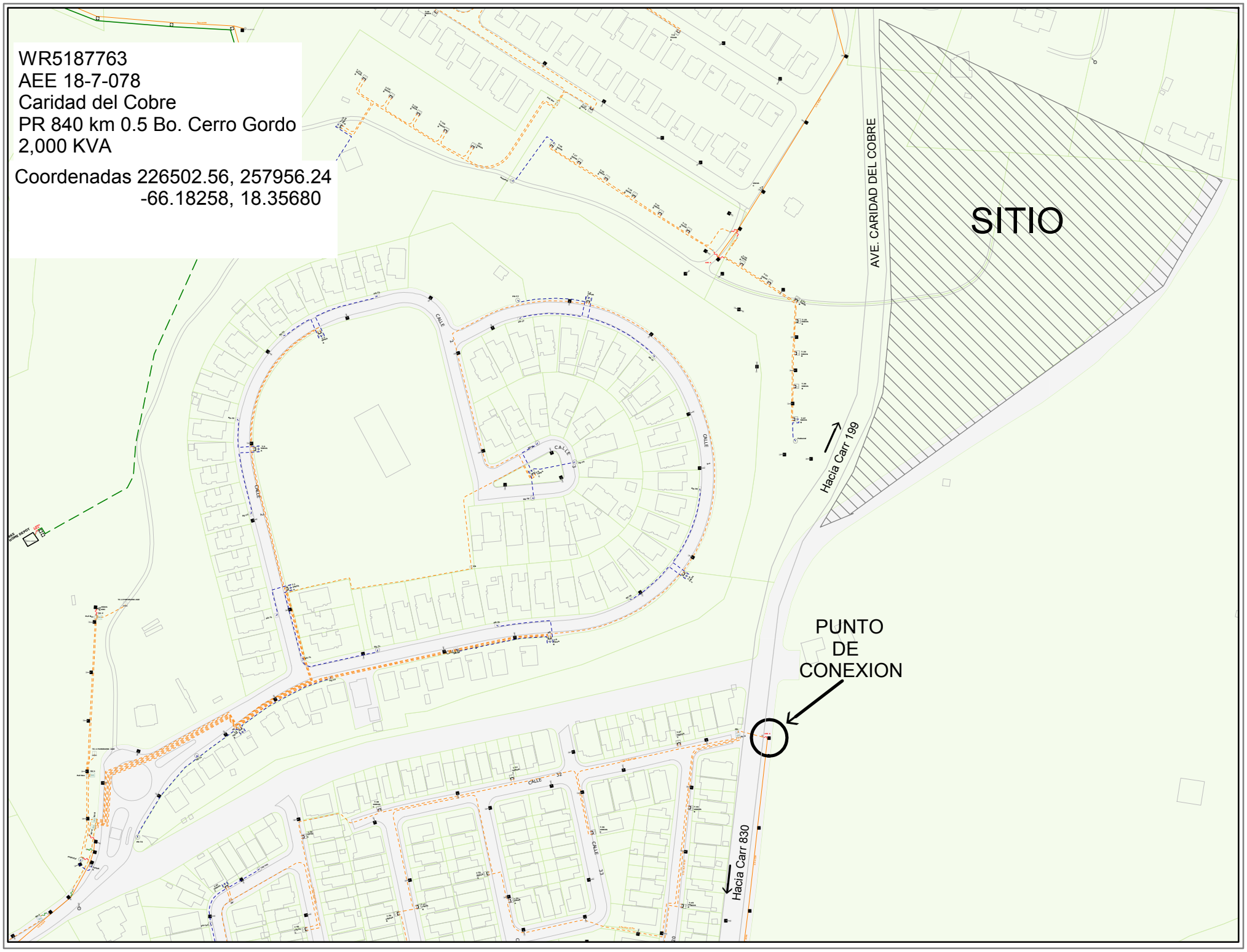
Atentamente,

Yamil I. Rivera Hernández, P.E.
Superintendente
Departamento de Ingeniería de Distribución
Región de Bayamón


WR5187763
AEE 18-7-078
Caridad del Cobre
PR 840 km 0.5 Bo. Cerro Gordo
2,000 KVA
Coordenadas 226502.56, 257956.24
-66.18258, 18.35680
SITIO
AVE. CARIDAD DEL COBRE
Hacia Carr 199
PUNTO
DE
CONEXION
Hacia Carr 830
PUNTO A

WR5187763
AEE 18-7-078
Caridad del Cobre
PR 840 km 0.5 Bo. Cerro Gordo
2,000 KVA

Coordenadas 226502.56, 257956.24
-66.18258, 18.35680



29

Project Description and Development Budget

PROJECT INFORMATION	
Name	Apolonia Apartments
Project Number	AD&V-18016
Date	September 22, 2025.
Re	Project Memorandum

ALVAREZ-DIAZ & VILLALÓN

PROJECT'S GENERAL INFORMATION

Description of the Land Parcel	*PARCEL located in the Cerro Gordo neighborhood within the municipality of Bayamón, Puerto Rico, as described in the registration plan, with a surface area of THIRTY-FOUR THOUSAND ONE HUNDRED FORTY-ONE POINT FOUR THOUSAND ONE HUNDRED THIRTY-EIGHT TEN-THOUSANDTHS OF SQUARE METERS (34,141.4138 sq. m.), equivalent to EIGHT CUERDAS AND SIX THOUSAND EIGHT HUNDRED SIXTY-FIVE TEN-THOUSANDTHS OF CUERDAS (8.6865 cuerdas). Northeast: In several alignments, with a total distance of TWO HUNDRED EIGHTEEN POINT THREE HUNDRED SIXTY-EIGHT THOUSANDTHS METERS (218.368 m.), bordering the properties of two neighbors — Rafael Ithier and Manuel Reyes. Southeast: In several alignments, with a total distance of THREE HUNDRED EIGHTY-FIVE POINT SEVEN HUNDRED FOURTEEN THOUSANDTHS METERS (385.714 m.), bordering the Los Cipreses cemetery and the Metropolitan Memorial Park. Northwest: In several alignments, with a total distance of THREE HUNDRED EIGHT POINT THREE HUNDRED FIFTEEN THOUSANDTHS METERS (308.315 m.), bordering the southeast boundary of the proposed Caridad del Cobre Main Street easement.*

DEVELOPER	
Name:	Puerto Rico Apolonia Apartments LLC
Authorized Representative:	Esteban Estrada
Address:	8 S Michigan Ave STE 3100, Chicago, IL, 60603-3267
Telephone:	(787)474-3672
PROPONENT AND PROJECT DESIGNER	
Name:	Álvarez-Diaz & Villalon® (ADVision, PSC)
Authorized Representative:	Arq. Antonio Garate
Address:	PO Box 16318, San Juan PR 00908-6318
Telephone:	(787) 754-1381
Email:	permits@advfirm.com
CADASTER	
Number:	15-113-041-001-46-000

REGISTRY INFORMATION

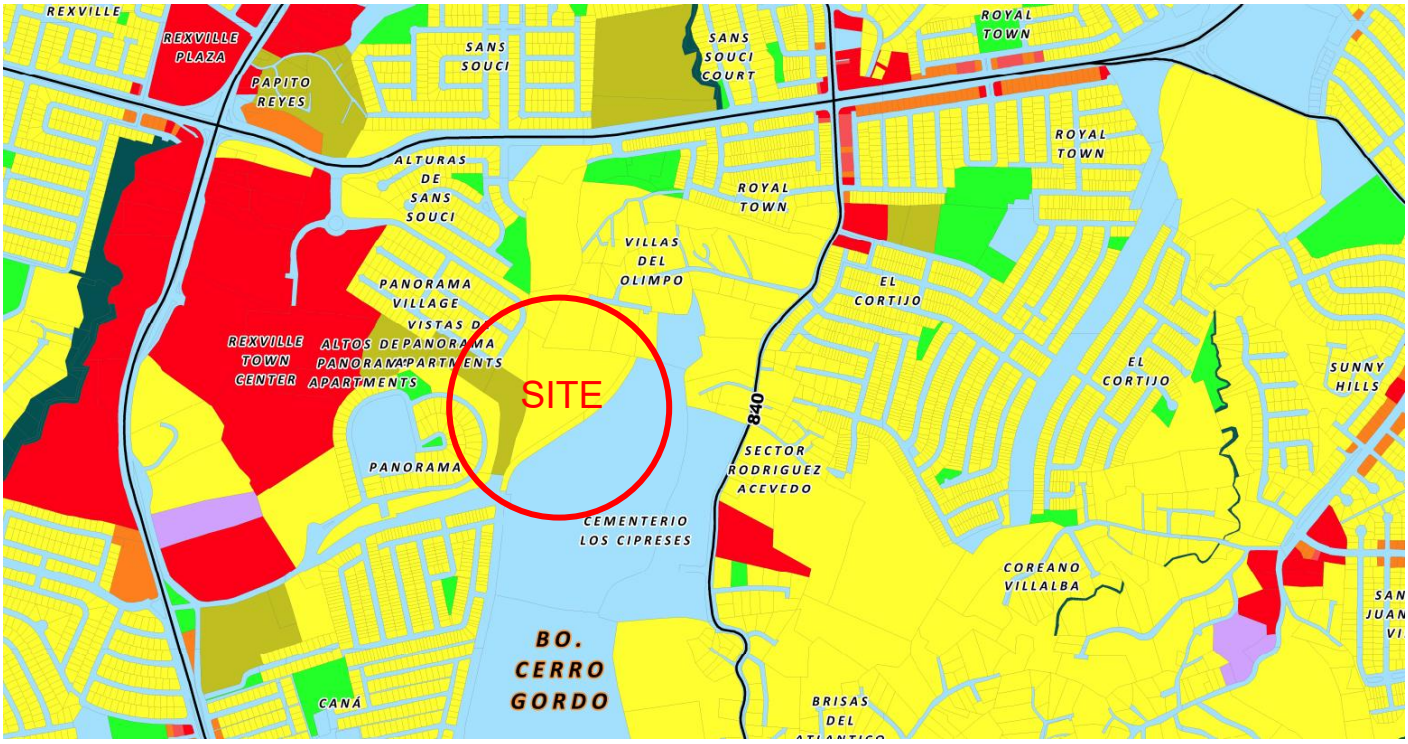
Deed	Property	Volume	Page	Record
No. 13	No. 72000	No. 1722	No. 71	Bayamón, Sección Primera

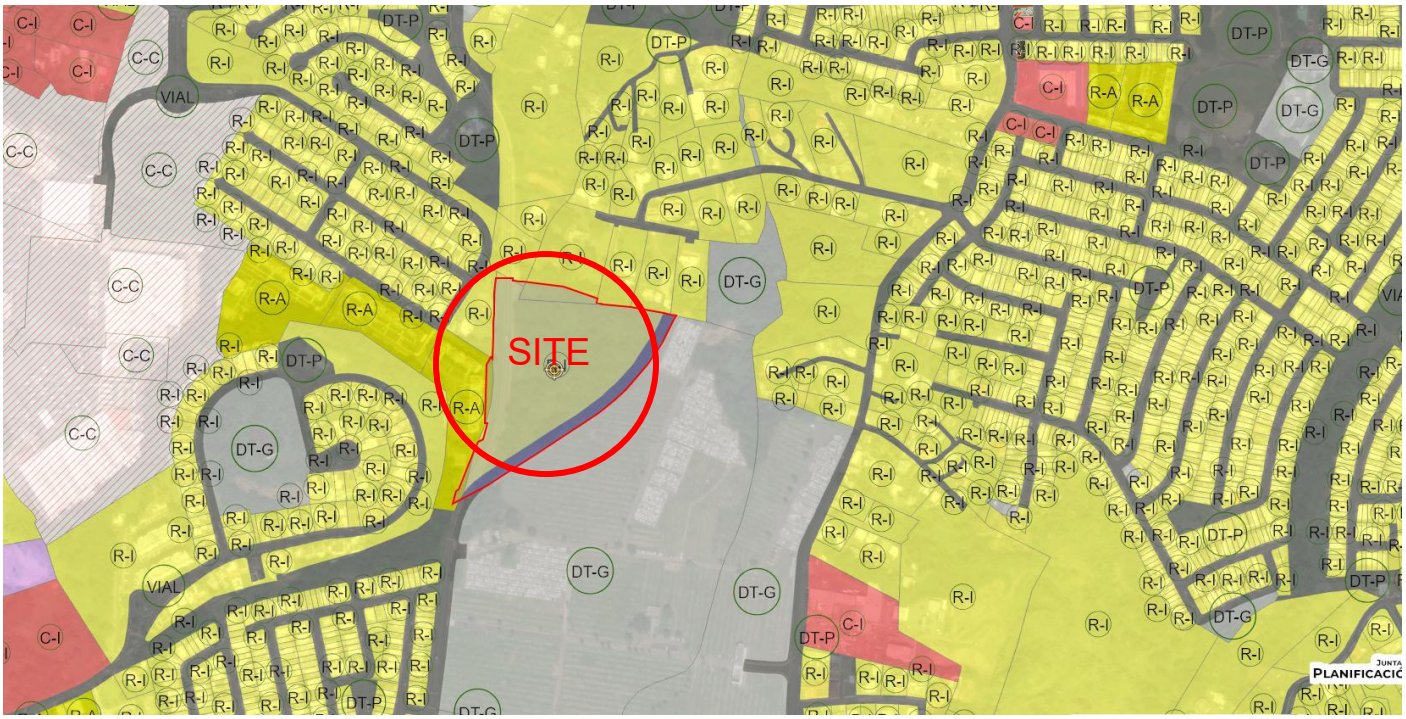
LAND CLASSIFICATION	
Classification:	R-I (Intermediate Residentia/Residencial Intermedio)
Page:	Land Use Classification Map Autonomous Municipality of Bayamón Resolution JP-PT-15-15

Effective Period:	December 12, 2012	
Municipality:	Bayamón	
FLOODABILITY		
Zone:	X	
Page:	72000C0710H	
Effective Period:	April 13, 2018	
LOCATION		
Coord. Lambert NAD 83:	X: 226639.0698	Y: 258244.1743
Google Geo. Coord.:	LAT. 18.35940269	LONG. -66.18127764
AREA		
According to the deed:	34,141.4138 sq. mts. / 8.6865 cuerdas / 8.4365 acres	
According to the survey:	34,141.4138 sq. mts. / 8.6865 cuerdas / 8.4365 acres	
NEIGHBORING		
North:	Manuel Reyes, Charlie Castro	
South:	Los Cipreses Cementery, EMP Stewart Cementerios INC.	
East:	Los Cipreses Cementery, EMP Stewart Cementerios INC.	
West:	Panorama Residential Development	

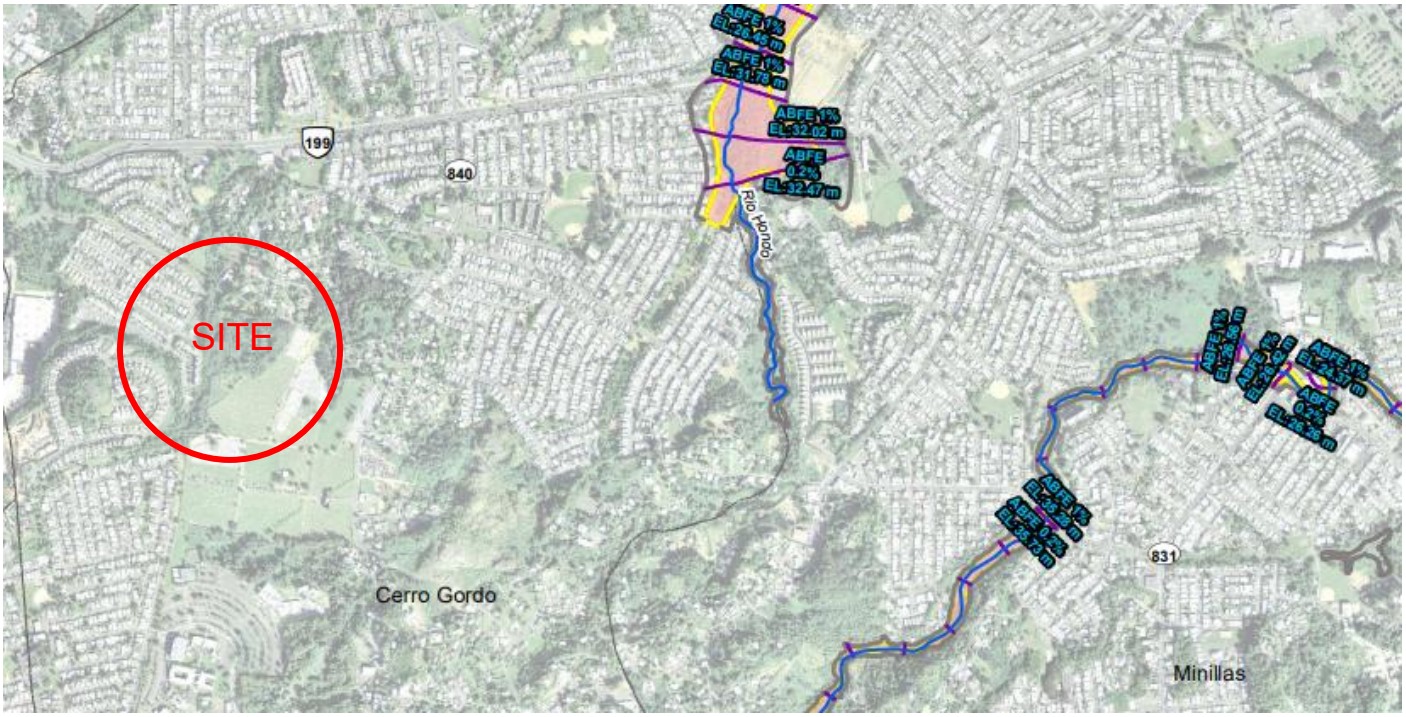
AERIAL PHOTO (LOCATION)

CLASSIFICATION MAP





FLOOD HAZARD MAP



PROJECT DESCRIPTION

The Apolonia Apartments development consists of a residential complex of walk-up apartment buildings, made up of social interest housing units in accordance with the R-I (Intermediate Residential) district classification, as per the Land Use Classification Map of the Autonomous Municipality of Bayamón, effective since December 20, 2012.

According to the 2023 Joint Regulation, on Sheet 362, Rule 6.1.3 – Section 6.1.3.2, the R-I district is designated for residential areas with intermediate population density, allowing various types of housing, including apartment buildings. Likewise, on Sheet 302 of Volume V – Urbanizations, Subdivisions, and Social Interest Housing, Rule 5.2.2 – Section 5.2.2.6, it is established that walk-up/walk-down apartment buildings are permitted.

The project is located on PR-840 Road, on Parcel B in the Cerro Gordo neighborhood of the Municipality of Bayamón. The lot has a surface area of 8.6865 cuerdas, approximately 34,141.4138 square meters, equivalent to 8.4365 acres. The project borders the new Caridad del Cobre Avenue, which will serve as the access road to the proposed complex.

The project includes 138 apartment units, with two and three bedrooms ranging from 860 sq.ft. to 1,340 sq.ft. per unit, distributed across 5 buildings, each with 3 levels. Of the total 8.4365 acres, 4.05 acres will be permanently developed for these facilities, while the remaining 4.39 acres will be temporarily affected by construction activities such as grading, utility installation, drainage improvements, and landscaping, and will later become open spaces or green areas.

Additional building with gated complex that will include amenities such as a Community Center of approximately 6,510 sq.ft., which will house a community kitchen, gym, cistern, bike storage, administrative offices, and a designated area for mailboxes. The project also includes access to recreational and outdoor exercise spaces, playground areas complemented by two gazebos, a half basketball court, and recycling and trash zones. The project designates 156 parking spaces as required by the 2023 Joint Regulation for Permits for Construction Works and Land Use by the Puerto Rico Planning Board, in accordance with its R-I zoning.

The project complies with all applicable regulatory parameters under the 2023 Joint Regulation and the Building Code, without requiring variances.

INFRASTRUCTURE

The project will include potable water, sanitary and storm sewer systems, and electric power services. These services will be provided through connections to existing facilities in the area, in accordance with recommendations from the relevant agencies. These systems will be complemented by cisterns, electric generators, and solar panels, making the project a safe and resilient place.

PROJECT PURPOSE

The purpose of Apolonia Apartments is to benefit 138 Puerto Rican families with subsidized housing in a safe, resilient, and dignified environment that meets the contemporary needs of families with limited resources.

NEIGHBORHOOD AND INTEGRATION

The project's design considers the scale of its surroundings and harmonizes with the urbanized communities of Panorama, Alturas de Sans Souci, Bosque Sereno, etc. The estimated cost of the project is approximately $40,000,000.00, which will generate around 100 direct jobs and 50 indirect jobs during the construction period.

APPLICABLE REGULATIONS

- Territorial Plan Regulation of the Autonomous Municipality of Bayamón (Reglamento de Plan Territorial del Municipio Autónomo de Bayamón)
- 2023 Joint Regulation for Permits for Construction Works and Land Use by the Puerto Rico Planning Board (Reglamento Conjunto de Permisos para Obras de Construcción y Usos de Terreno 2023 de la Junta de Planificación de Puerto Rico)
- Planning Regulation No. 13 (Reglamento de Planificación Núm. 13) and National Flood Insurance Program (NFIP)
- International Building Code 2018
- International Fire Code 2018
- Puerto Rico Building Code 2018
- American with Disabilities Act
- American Society of Civil Engineer ASCE 24 & 7
- Puerto Rico Law 218-2008 Control and Prevention of the Lighting Pollution of Puerto Rico
- PR EQB 2014: Regulation to Control and Prevent Light Contamination

ANNEX:

- ANNEX 1: Table of Analysis of Required Parameters According to Zoning

ZONING REQUIREMENTS					
REFERENCE	Reglamento Conjunto 2023				
MUNICIPALITY	Bayamón				
PARAMETER	REQUIREMENTS	PROPOSED	REGULATION		VARIATION
			SEC.	PAG.	
Use Classification	R-I (Casa de Apartamento)	R-I (Casa de Apartamento)	6.1.3	362	NO
Lot Size	275 mc. min	34,145.3 m.c.	6.34	365	NO
Density	1 u.b.v. per 150mc. (227 u.b.v.)	138 u.v.b.	6.1.3.4	363	NO
Occupancy Area	50% max (17,072.6 mc)	15% 5,302mc	8.3	544	NO
Gross Floor Area	160% max (54,632.5 mc)	44% 15,255mc	8.1.4.3	545	NO
Height	2x road width (15 m máx.)	9.5 m.	6.1.3.4	363	NO
SETBACKS					
Front	3.00 m. min	3.00 m.	8.3	544	NO
Rear	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
Right	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
Left	3.00 m. min or 1/5	3.00 m.	8.3	544	NO
OTHER PARAMETERS					
Cornices and Overhangs	1.00 m max	1.00 m.	8.1.3.3	543	NO
Fences	2.00 m.	2.00 m.	8.3.2.1	553	NO
Distances Between Buildings	15.00 m min	15.00m	8.3	544	NO
PARKING					
USES					
Housing Units	138	138	8.5.3.1	564	NO
Visitor	10% additional (14 min)	14	8.5.3.1	564	NO
Loading and Unloading Area	4 for first 100	8	8.5.3.2	567	NO

- ANNEX 2: Table for Determination of Total Area.

DETERMINATION OF TOTAL AREA			
Area type	Area (SF)	Area (Acres)	Use-Based Classification
Gazebos	908.00	0.0208	Permanent
Recreational Area / Playground	7,702.00	0.1768	Permanent
Building Area	73,954.00	1.6978	Permanent
Court Area	2,975.00	0.0683	Permanent
Pavement, Sidewalk, Street	90,597.00	2.0798	Permanent
Active Green Areas	14,939.00	0.343	Permanent
Subtotal – Permanent Area	**191,075.00**	**4.3865**	**Developed**
Passive Green Area / Slopes	172,222.00	3.9537	Temporary
Retention Pond	4,197.00	0.3463	Temporary
Subtotal – Temporarily Affected	**176,419.00**	**4.3000**	**Temporary**
Total Site Area	367,494.00	8.6865	Total

APOLONIA APARTMENTS

Development Budget (Summary)

Developer: Puerto Rico MHDC LLC

Project: TC20-015

Sources of Funds:

Net Equity to Fund	22,836,341
HUD CDBG-DR Grant (Sponsor Loan)	79,574,349
DDF	0
GP Equity	100

Total Sources of Funds	102,410,790

Uses of Funds:		$ Amount
Land & Acq Fees	*GC Contract Amount*	1,300,000
Construction Hard Costs	*54,274,000*	54,015,453
FFE		150,000
Construction Contingency	*10.00%*	5,427,400
Architecture/ Engineer		4,236,850
Fees & Permits		600,000
Construction Management		300,000
Title, Recording		50,000
Title Insurance		350,000
Technical Studies NGBS Verifier		65,000
Landscape Architect / Interior Design		140,000
P&P Bonds		258,547
Inspection Fees		560,000
Organization		10,000
Legal		900,000
Construction Interest		5,858,050
Impact Fees		310,000
Environmental Reviews		25,000
Tax Credit Fees		330,000
Appraisal / Market Study		45,000
Feasibility / Rent Comp Studies		35,000
Cost Certification		20,000
Accounting		75,000
Credit Report & Searches		2,500
Syndication		65,000
Soft Cost Contingency		121,215
Construction Period Insurance		750,000
Section 3 / Community Engagament		100,000
Construction Loan Origination Fee		675,000
Issuer & Origination Fees PRHFA		328,125
Advisory Fee AAFAF		112,500
Consultant		1,617,630
Taxes		250,000
Trustee		4,000
Rent Up Expense		336,500
Additional Operating Reserve		10,162,460
Operating Reserve		505,000
Capitalized Replacement Reserve		41,400
Developer Fee		11,432,370
Closing Costs		845,790

		102,410,790
		==========