



U.S. Department of Housing and Urban
Development

451 Seventh Street, SW
Washington, DC 20410
www.hud.gov

espanol.hud.gov

Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5

Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: *PR-CRP-000955 Puente Iluminado (puente Klumb Ave Gandara)*

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

Grant Recipient (if different than Responsible Entity): Municipality of San Juan

State/Local Identifier: PUERTO RICO

Preparer:

Plan. Laredo González
Gabriel Berriz y Asociados
eco.landscape.pr@gmail.com
(787) 637-3603

Certifying Officer Name and Title:

Aldo Rivera, Director, Permits and Environmental Compliance
Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance
Sally Z. Acevedo-Cosme - Permits and Environmental Compliance Specialist
Pedro de León Rodríguez - Permits and Environmental Compliance Specialist
Maria T. Torres-Bregón - Environmental Compliance Manager
Ivelisse Lorenzo Torres - Permits and Environmental Compliance Specialist
Santa Ramírez Lebrón - Permits and Environmental Compliance Specialist
Janette I. Cambrelen - Permits and Environmental Compliance Specialist

Limary Vélez Marrero - Permits and Environmental Compliance Specialist
Mónica Machuca Rios - Permits and Environmental Compliance Specialist
Abdul Feliciano-Plaza - Permits and Environmental Compliance Specialist

Javier Mercado-Barrera - Permits and Environmental Compliance Specialist
Priscilla Toro-Rivera – Permits and Environmental Compliance Specialist

Consultant (if applicable):

Direct Comments to:

PRDOH at environmentcdbg@vivienda.pr.gov

Project Location:

It crosses over the Gándara Ave., Río Piedras Ward, San Juan, P.R., Coordinates: Lat 18.401131°, Lon -66.050738°, Cadaster EXC-TMP-146-00 (see Location Map at Attachment A of this report.)

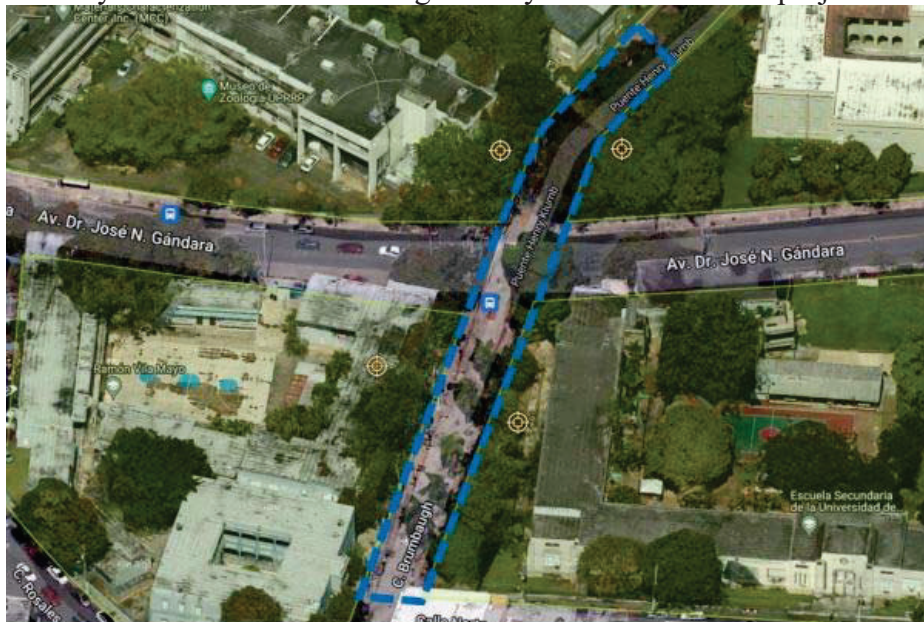
Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The Puente Henry Klumb, built in 1958, is a pedestrian connection between the University of Puerto Rico and the Río Piedras Ward of the city of San Juan. It crosses over the Gándara Ave. providing a walking path for students to reach services that Río Piedras offers. It was designed and bears the name of the icon architect Henry Klumb, who designed many of the UPR buildings that are still in use and represent an excellent example of Modernist architecture in Puerto Rico.

The bridge has been closed since 2017 (after María Hurricane) with a metal fence and gate in the UPR side and has deteriorated without any intervention or maintenance. The proposed scope of works covers near 9,650 square feet of surface improvements.

The Scope of Work (SOW) of this remodeling project covers the bridge and a small plaza at the end of the Brumbaugh street on the Río Piedras side and a small area inside the UPR grounds. Both landing areas of the bridge will be improved by our intervention without increasing their existing footprint.

Below you can see the area designated by the MASJ for the project:



Infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing site. Below some photos of the existing bridge conditions:



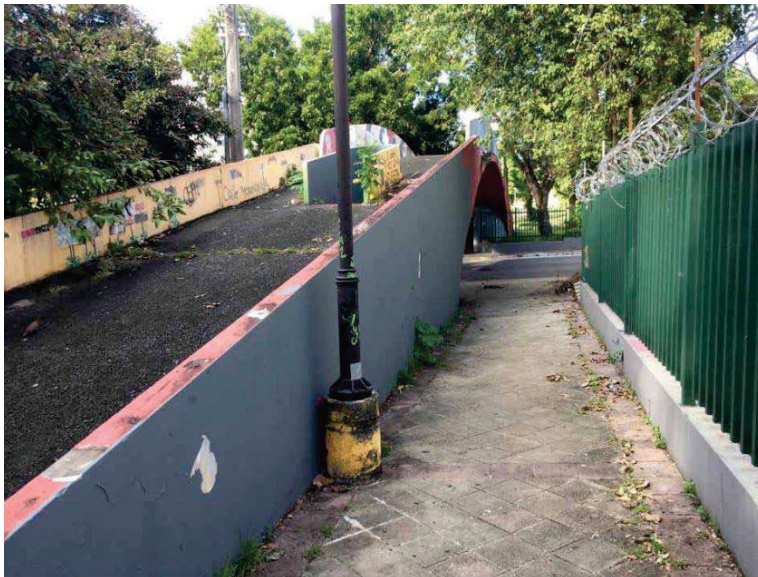
Bridge side view from Ave. Gándara looking East



Bridge crossing from Río Piedras side



Río Piedras side landing area



Sidewalks along the bridge from the Río Piedras side

The proposed improvements are as follows:

Restore and/or replace some of the existing features of the bridge and its landing areas. No invasive structural work will be required in the bridge according to our structural consultant. Only surface improvements to repair some cracks in the concrete guardrails will be performed. See demolition details in pages 4 and 5 (DS-1.0 & DS-1.1) of the construction drawing set (CD set).

All the pavement surfaces on the bridge, the landing areas will be demolished and renewed including the two stairs that connect the Ave. Gándara sidewalks to the bridge. See demolition details in pages 4 and 5 (DS-1.0 & DS-1.1) of the CD set. For new finishes see details in pages 7 and 8 (AS-1.1 & AS-1.2) of CD set.

On the bridge, special lighting design will be implemented to highlight it's features and provide good security to students and public walking by. For details see pages 27 and 28 (ES-103

&ES-104) of CD set. A new LUMA electrical meter will be installed to provide power for this lighting. To see the location go to page 25 (ES-101) of electrical drawings in CD set.

To comply with code requirement of 42" high handrails, new stainless-steel handrail will be added to the inside of the concrete handrails of the bridge. See details A and B in page 8 (AS-1.2) of the CD set.

Some urban furniture, and landscaping will be provided for the landing areas. The existing lighting poles will remain with new lighting lamps in the area near the UPR. For details see pages 24 and 25 (ES-004 & ES-101) of electrical drawings in CD set.

Some other new elements include Bollards, Benches, Bike Racks, trash cans, signage, cutting and pruning of trees, green areas, lighting, and pavements for both landing areas. For details see page 6 (AS-1.0) of the CD set.

A new ornamental metal gate will be installed to replace the existing one in the UPR's landing area. The gate has been placed inside the UPRs landing area to ensure the Universities security maintaining free access to the pedestrian bridge.

Below is a proposed rendered Site Plan for this project:



All the areas in this project have already been impacted. It is not proposed to expand the footprint of the improvement project outside of the existing footprint of the already impacted areas of the Bridge and its surroundings.

Ground disturbances activities:

1. New storm sewer trench drainStorm sewer pipe (connected to the existing catch basin at Ave. Gándara with dimensions of 36" W x 36" H x 17" LStorm sewer pipe trench 24" W x 24" H x 72" LSee details in Drawing Set AS-2.0
2. Electrical trench with electrical conduit placement with dimensions of 24" depth. See details in Electrical Drawings.
3. New lighting pole footings of 18" depth. See details in Drawing Set AS-1.4
4. New retaining wall footing of 30" depth/ See details in Drawing Set AS-1.2 and S-0.0

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5.

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001 B-18-DP-72-0001 B-19-DP-78-0002 B-18-DE-72-0001	Community Planning and Development (CPD) / Community Development Block Grant – Disaster Recovery (CDBG-DR)	\$11,938,162,230

Estimated Total HUD Funded Amount:

\$2,583,728.00 (two million five hundred eighty-three thousand seven hundred twenty-eight dollars and cero cents)

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:

\$2,583,728.00 (two million five hundred eighty-three thousand seven hundred twenty-eight dollars and cero cents)

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no Civil Airports within 2,500 feet of the location (17,494 feet to Luis Munoz Marin in San Juan). Additionally, the only Military Airport is the Luis Munoz Marin in San Juan is far beyond the 15,000 feet for compliance issues (17,494 feet). Therefore, this topic is in compliance with 24 CFR Part 51 Subpart D. See Information and Figures attached at Attachment I of this report.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	A USFWS Coastal Barrier Resources System Mapper Documentation Map is included showing that the project site is not included in nor affected by Coastal Barrier Resources System (CBRS) boundaries (27,441 feet to PR-87P). Therefore, this topic is in compliance with Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]. See Information and Figures attached at Attachment II of this report.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	A FEMA Flood Insurance Rate Map (FIRM 72000C0370J 11/18/2009) shows that the project is not located in a special Flood Hazard Area (Located in Zone X). Therefore, this topic is in compliance with Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]. See Information and/or Figures attached at Attachment III of this report.

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The project does include new construction but will not cause conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units.</p> <p>The Book US EPA (https://www3.epa.gov/airquality/greenbook/anc13.html) indicate that the project area is not in a status of NONATTAINMENT: Sulfur Dioxide (2010) Nonattainment Area Area/State/County Report</p> <p>Data is current as of May 31, 2023</p> <p>San Juan, PR (Nonattainment)</p> <p>San Juan Municipio (P) (<i>San Juan Antiguo Ward., Santurce Ward., Hato Rey Norte Ward., Gobernador Pinero Ward.</i>)</p> <p>Nevertheless, due to the closeness of the project to Nonattainment Areas, we are attaching the Puerto Rico Non-Attainment State Implementation Plan Sulfur Dioxide (SO₂) National Ambient Air Quality Standard that explain how bring into compliance with the 2010 1-Hour Sulfur Dioxide (SO₂) primary NAAQS the designated SO₂ non-attainment areas in Puerto Rico and the mitigation needed.</p> <p>The proposed project will not contribute to the emission of SO₂. Sulfur dioxide is primarily derived from fossil fuel combustion at power plants and other industrial facilities, both which will not be part of the proposed improvements.</p> <p>The project must also obtain a Construction Permit and a Unique Incidental Permit and comply with the required conditions regarding the control of fugitive dust, erosion control and storm water control. Therefore, this topic is in compliance with Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93. See Information and/or Figures attached at Attachment VI of this report.</p>

<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not inside and is not expected to affect the Puerto Rico coastal zone (PRCZ) (Project is located at 9,505feet from the PRCZ boundary). A map depicting the relation of the project to the Coastal Zone limits is included (PR Coastal Management Zone Limits from https://gis.pr.gov/Pages/default.aspx.) Therefore, this topic is in compliance with Coastal Zone Management Act, sections 307(c) & (d). See Information and/or Figures attached at Attachment V of this report.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>See RADON information attached at Attachment VI of this report. The NEPAAssist Tool (Accessed November 12 2024) did not identify the site as a hazardous waste (RCRA) facility or a toxic release facility. Several (27) RCRA facilities were identified within a 3,000 feet radius, one (1) (RCRA) facility was within a 500 feet radius. The US EPA-ECHO TOOL did not show RCRA Facilities with violations within the 3000 feet radius from the proposed project site. Available (22) facility detailed reports are included. A site visit to record the site's general conditions was performed on August 17, 2023, no evidence of hazardous manufacturing operations, other RECs or USTs was found on the site. The Puente Henry Klumb, built in 1958, is a pedestrian connection between the University of Puerto Rico and the Rio Piedras Ward of the city of San Juan.. An Asbestos Containing Materials (ACM) and Lead Based Paint (LBP) survey was conducted at the project site on December of 2022. No ACM we reported, but several locations yielded positive results for LBP. Before conducting any demolition work, the Grant Recipient must obtain a certification that project area is free of material containing LBP. Therefore, conditioned to the information above, according with the information provided by the Gran Recipient, this topic is in compliance with 24 CFR Part 50.3(i) & 58.5(i)(2). See Information and/or Figures attached at Attachment VI of this report.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The USFWS IpaC tool identified the potential presence of Chilabothrus inornatus (Puerto Rican Boa). If a Puerto Rican Boa is found in the project activity area, work shall cease until the Boa moves off on its own. If the Boa does not move off, the project manager shall contact the PRDNER and ask for them to relocate the Boa and report the sighting to the USFWS.</p>

		<p>The proposed activities are covered by the USFWS Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development of January 14 of 2013 (Attached) Criteria 1, 2, 3, and 7. The USFWS Self Certification Letter is attached</p> <p>(2023-08-15).The Nearest Critical Habitat is located at about 51,068 feet West. Therefore, this topic is in compliance with Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402. See Information and/or Figures attached at Attachment VII of this report.</p>
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed HUD-assisted project does not comprise the development of a hazardous facility. The proposed project will not increase residential densities in the area. According with this information this topic is in compliance with 24 CFR Part 51 Subpart C. See Information and/or Figures attached at Attachment VIII of this report.</p>
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed project is located in an already developed urban parcel. A USDA Farmland Classification Map identified the area as No Prime Farm Land. Therefore, this topic is in compliance with Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658. See Information and/or Figures attached at Attachment IX of this report.</p>
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed project does not occur within the FFRMS floodplain. No PFIRM is available. The Advisory Base Elevation Map (ABFE) is included (effective since April 13, 2018) . Therefore, this topic is in compliance with Executive Order 11988, particularly section 2(a); 24 CFR Part 55 as amended by EO13690. See Information and/or Figures attached at Attachment X of this report.</p>
Historic Preservation	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	<p>Please see below a summary of the assessment events in chronological order.</p>

National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800		Section 106 NHPA Effect Determination prepared : from October 10, 2023 to April 20, 2024, Archaeological Monitoring Plan (AMP) prepared March 27, 2024, No Adverse Effect (NAE) Concurrence requested to SHPO: May 9, 2024, No Concurrence Letter from SHPO: June 7, 2024, Reconsideration Request to SHPO: July 25, 2024, Additional information to SHPO: October 23, 2024, NAE Concurrence Letter from SHPO: November 3, 2024, Request of approval of the AMP: November 5, 2024, Amended Concurrence Letter and AMP approval: November 8, 2024. "An Archeological monitoring for the trench excavation work must be conducted" Therefore, considering the above information this topic is in compliance with National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800. See Information and/or Figures attached at Attachment XI of this report.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The proposed project does not include New Construction for Residential Use nor the Rehabilitation of an existing residential property. Noise may be generated by construction activities, but construction noise is not anticipated to impact the surrounding neighbourhood. No increase of the existing noise levels is expected during operation. Therefore, this topic is in compliance with Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B. See Information and/or Figures attached at Attachment XII of this report.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	There are no sole source aquifers in Puerto Rico (PR). An EPA map for Sole Source Aquifers and its lack in PR is provided. The nearest Sole Source Aquifer is located 0.96 thousand miles from Puerto Rico, in Florida, US. Therefore, this topic is in compliance with Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149. See Information and/or Figures attached at Attachment XIII of this report.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No wetlands were identified inside the project limits nor within 100' (at 2,219 feet). A USFWS National Wetland Inventory Map is attached. Therefore, this topic is in compliance with Executive Order 11990, particularly sections 2 and 5. See Information and/or Figures attached at Attachment XIV of this report.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	As per US Forest Service Geospatial Data Discovery, Puerto Rico's Designated National Wild and Scenic Rivers are located more 97,415 feet east-southeast of the proposed project site. Therefore, this topic is in compliance with Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c).

		See Information and/or Figures attached at Attachment XV of this report.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	On January 21, 2025, President Donald Trump issued the Executive Order titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

Field Inspection (Information and/or Figures attached at Attachment VI of this report.): A site visit to record the site's general conditions was performed on August 17, 2023 by Laredo Gonzalez.

Summary of Findings and Conclusions:

The proposed project is expected to improve pedestrian flow and safety. It will also revitalize a very important icon for the University of Puerto Rico, Rio Piedras Campus. This project should not have a significant environmental impact, if the best practices and techniques in design and construction methods are followed and implemented and the project comply with all the applicable regulations and laws.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarized below are all mitigation measures to be adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	The USFWS IpaC tool identified the potential presence of <i>Chilabothrus inornatus</i> (Puerto Rican Boa). If a Puerto Rican Boa is found in the project activity area, work shall cease until the Boa moves off on its own. If the Boa does not move off, the project manager shall contact the PR Department of Natural and Environmental Resources and ask for them to relocate the Boa and report the sighting to the USFWS. The supplied protocol to avoid/minimize impacts to the species or its habitat shall be implemented.
Contamination and Toxic Substances	The Asbestos and Lead Based Paint (LBP) Study performed, reported no presence of asbestos but some levels of LBP at specific locations. Before proceeding

Puente Henry Klumb,
Rio Piedras Ward,
San Juan, Puerto Rico.

Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	with any demolition work in LBP positive areas, the Grant Recipient must comply with the "Reglamento Núm 9098" of 16 of July of 2019 (particularly implement the requirements of Rule 136: Mitigation) and conduct the appropriate/required mitigation work and obtain a certification that the above mentioned structure(s) is free of LBP. Global Environmental Services LLC (Lead Based Paint Inspection report author) recommended the owner or representative of owner to hire a Company Certified in the Department of Natural and Environmental Resources (DNER) of Puerto Rico to mitigate and dispose positive areas with Lead Based Paint if is going to touch or demolish the aforementioned areas.
National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	On November 8, 2024, SHPO concurred that the archaeological monitoring plan is deemed acceptable. The following condition is imposed and shall be implemented: "Archeological monitoring for the trench excavation work".

Determination:

- ☐ This categorically excluded activity/project converts to Exempt, per 58.34(a)(12) because there are no circumstances which require compliance with any of the federal laws and authorities cited at §58.5. **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR
- ☒ This categorically excluded activity/project cannot convert to Exempt because there are circumstances which require compliance with one or more federal laws and authorities cited at §58.5. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain "Authority to Use Grant Funds"** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- ☐ This project is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature: Plan. Laredo Gonzalez, MP. Digitally signed by Plan. Laredo Gonzalez, MP. PPL Date: 21/Feb/2025

Name/Title/Organization: Plan Laredo Gonzalez (Gabriel Bériz y Asociados)

Responsible Entity Agency Official Signature:

I. Lorenzo Date: 2/21/25

Name/Title: I. Lorenzo, Permits and Environmental Compliance Specialist.

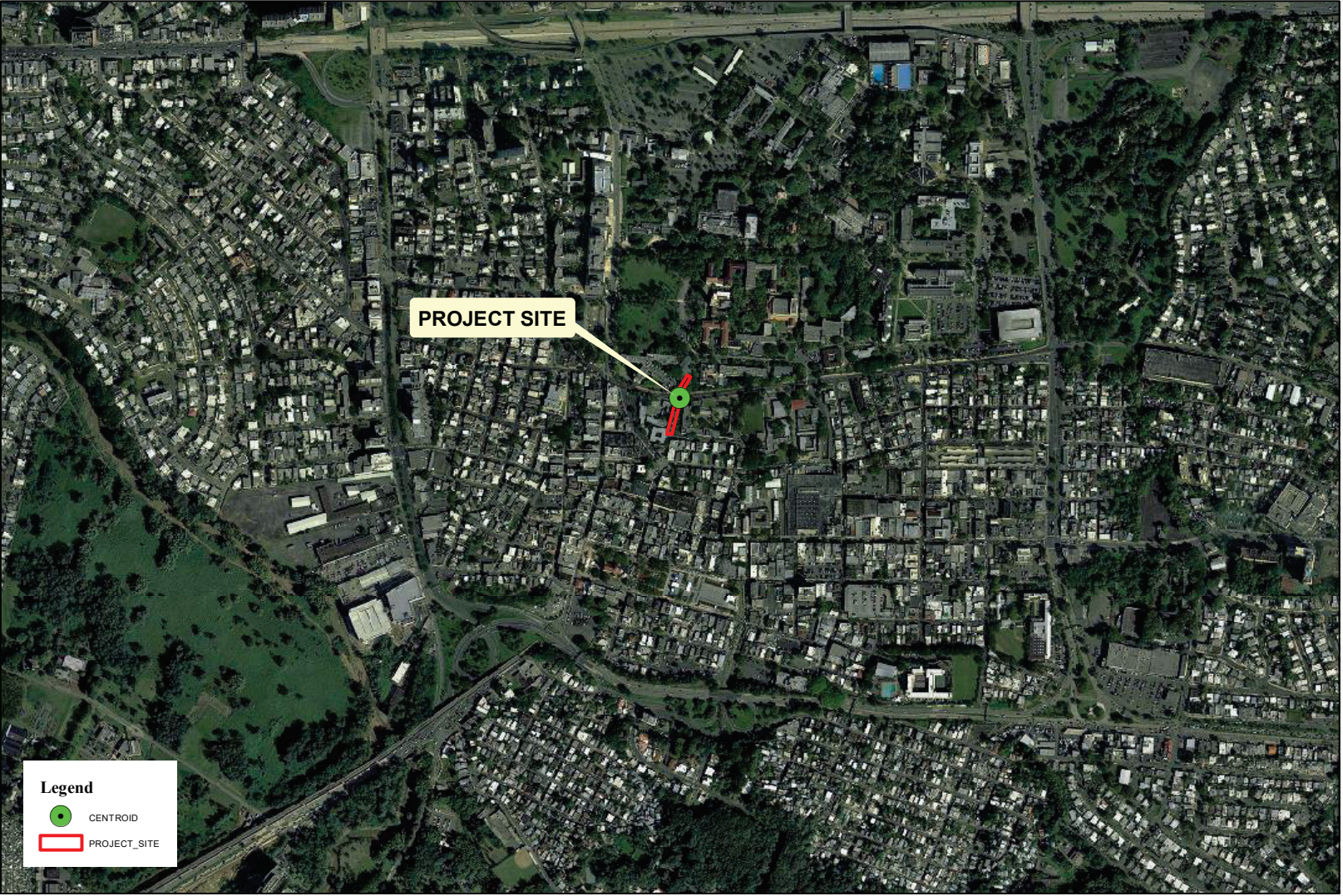
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

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Puente Henry Klumb,
Rio Piedras Ward,
San Juan, Puerto Rico.

Attachment A: Location Map



Puente Henry Klumb,
Rio Piedras Ward,
San Juan, Puerto Rico.

Attachment I: Airport Hazards 24 CFR Part 51 Subpart D



PR-CRP-000955 Puente Iluminado
(puente Klumb Ave Gandara)
CIVIL AIRPORT HAZARD
(Source: <https://www.fws.gov>,
Esri Imagery Basemap)

0 330 660 1,320 1,980 2,640 Meters

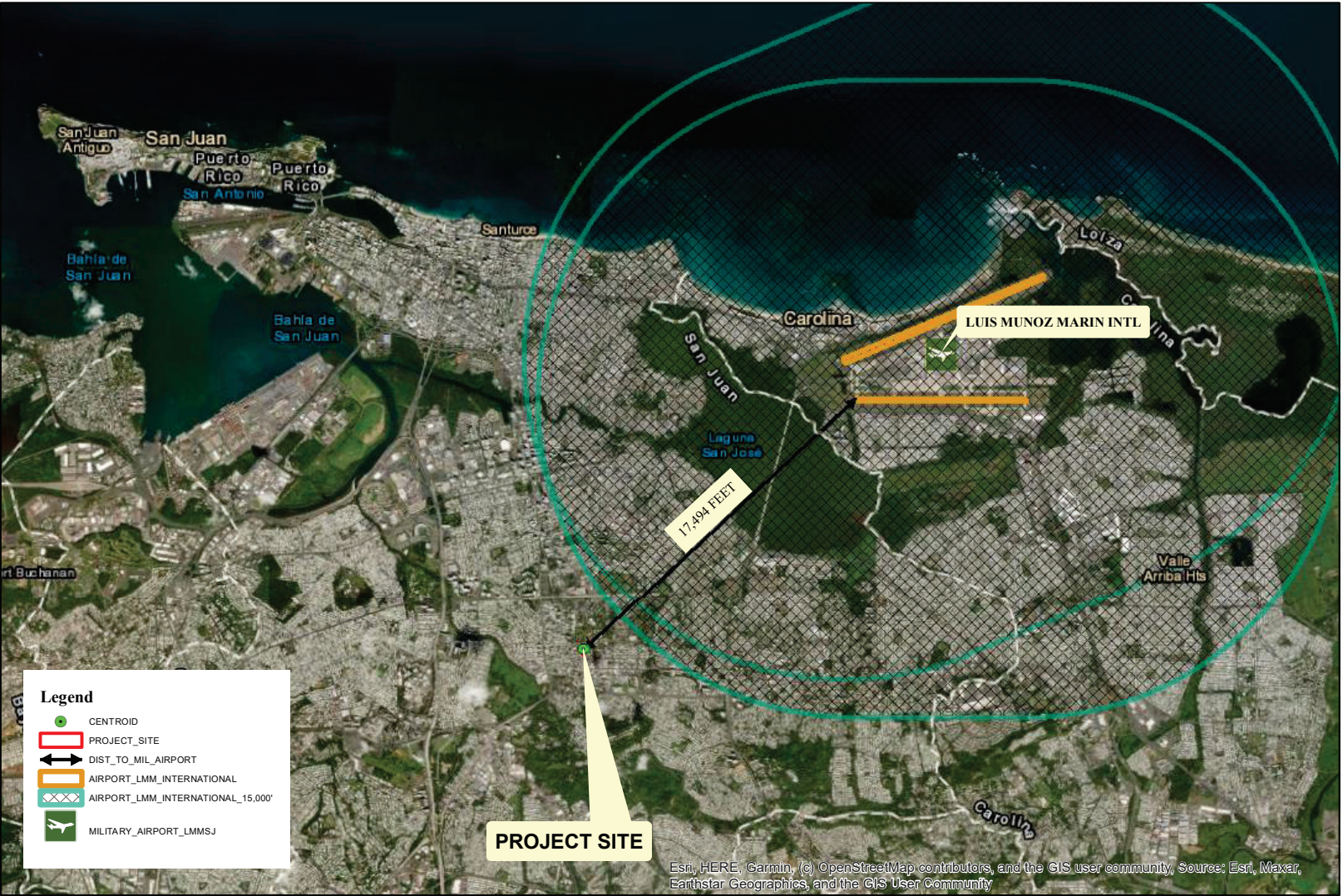
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GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R

Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200



PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)
MILITARY AIRPORT HAZARD
(Source: GIS.PR.GOV,
Esri Imagery Basemap)

0 330 660 1,320 1,980 2,640 Meters

1:70,000
GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R
Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200

Puente Henry Klumb,
Rio Piedras Ward,
San Juan, Puerto Rico.

**Attachment II: Coastal Barrier Resources Coastal Barrier
Resources Act, as amended by the Coastal Barrier Improvement
Act of 1990 [16 USC 3501]**



PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)
COASTAL BARRIERS SYSTEM
(Source: www.fws.gov/cbrs,
Esri Imagery Basemap)

0 330 660 1,320 1,980 2,640 Meters

1:70,000

GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R

Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200

Attachment III: Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]

The Figure at the following page was generated by a WEB TOOL. The information depicted in the figure is produced and represented by the web tool engine and it is shown as generated by the web tool. The information here relate to the subject project and is included here as requested by PRDOH to complement what is shown in the figure. The geographic coordinates included here identify the location of the project but may not be accurately represented by the web tool.



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(Puente Klumb Ave Gandara)**

OVER THE GÁNDARA AVE., RIO PIEDRAS WARD,
SAN JUAN, P.R

Coordinates:
Parcel ID: EXC-TMP-146-00 18.401131°, -66.050738°

FLOOD INSURANCE MAP: www.msc.fema.gov

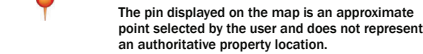
OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R.

Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200



SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **7/19/2023 at 3:24 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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**Attachment IV: Clean Air Clean Air Act, as amended, particularly
section 176(c) & (d); 40 CFR Parts 6, 51, 93**



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES

**Puerto Rico Non-Attainment State Implementation Plan
Sulfur Dioxide (SO₂) National Ambient Air Quality Standard**

Prepared by: Department of Natural and Environmental Resources
Air Quality Area

Objective: To bring into compliance with the 2010 1-Hour Sulfur Dioxide (SO₂) primary NAAQS the designated SO₂ non-attainment areas in Puerto Rico

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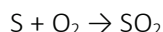
Acronyms

AQCRs:	Air Quality Control Regions
AQS:	Air Quality System
CAA:	Clean Air Act
DNER:	Department of Natural and Environmental Resources'
EPA:	Environmental Protection Agency
FIP:	Federal Implementation Plan
FR:	Federal Register
IRP:	Integrated Resource Plan
NAAQS:	National Ambient Air Quality Standards
NAA-SIP:	Non-Attainment Area-State Implementation Plan
NANSR:	Non-Attainment New Source Review
ppb:	parts per billion
PRDNER:	Puerto Rico Department of Natural and Environmental Resources
PREB	Puerto Rico Energy Board
PREPA:	Puerto Rico Electric Power Authority
PREPPA:	Puerto Rico Environmental Public Policy Act
PREQB:	Puerto Rico Environmental Quality Board
PTE:	Potential to Emit
RCAP:	Regulation for the Control of Atmospheric Pollution
SIP:	State Implementation Plan
SO ₂ :	Sulfur Dioxide
SO _x	other Sulfur Dioxide
tpy:	tons per year
ULSD:	Ultra Low Sulfur Diesel
ug/m ³ :	micrograms per cubic meter
USEPA:	Unites States Environmental Protection Agency

1.0 Overview

1.1 INTRODUCTION

Sulfur dioxide (SO₂) is a colorless, reactive air pollutant with a strong odor. The effects of this gas can be a threat to human health, animal health, and plant life. Short-term exposures to SO₂ can harm the human respiratory system and make breathing more difficult. Clinical Studies had demonstrated that people with asthma, particularly children, are more sensitive to the SO₂. The sulfur containing compounds in the material is oxidized in the presence of oxygen to form sulfur dioxide via the following chemical reaction:



High concentrations of SO₂ in the air generally lead to the formation of other sulfur oxides (SO_x) which can react with other compounds in the atmosphere to form small particles, increasing particulate matter concentration and ambient pollution. SO_x can also react with water to form acids.

The general population may be exposed to sulfur dioxide mainly by breathing air that contains it. In addition, one may also be exposed to sulfur dioxide by skin contact with it. Some health effects associated with exposure to SO₂ emissions are: (1) difficult breathing, (2) changes in ability to breathe, and (3) burning nose and throat (ATSDR, 1998). Sulfur dioxide irritates the skin and mucous membranes of the eyes, nose, throat, and lungs. High concentrations of SO₂ can cause inflammation and irritation of the respiratory system, especially during heavy physical activity. The resulting symptoms associated with SO₂ exposure can include: (1) pain when taking a deep breath, (2) coughing, (3) throat irritation, and (4) breathing difficulties. High concentrations of SO₂ can affect lung function, worsen asthma attacks, and worsen existing heart disease in sensitive groups. The gases containing SO₂ can also react with other chemicals in the air and change to a small particle that can get into the lungs and cause similar health effects (NPS, 2018).

Sulfur dioxide (SO₂) is one of six "criteria" pollutants scientists have identified as being particularly harmful to human health and the environment. For this reason, the Clean Air Act (CAA) requires the United States Environmental Protection Agency (USEPA or EPA) to set primary air quality standards at a level judged to be requisite to protect the public health with an adequate margin of safety. The CAA also required EPA to establish secondary standards to protect public welfare from any known or anticipated effects associated with the pollutant in the ambient air, including effects on crops, vegetation, wildlife, buildings and national monuments, and visibility. Sulfur dioxide is primarily derived from fossil fuel combustion at power plants and other industrial facilities. Other sources of SO₂ include industrial processes like extracting metal from ore and the burning of high sulfur fuels by locomotives, large ships, and non-road equipment.

1.2 NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS)

On June 22, 2010 (75 FR 35520) the Environmental Protection Agency strengthened the primary National Ambient Air Quality Standard (NAAQS) for sulfur dioxide (SO₂). Specifically, EPA replaced the annual and 24-hour primary standards with a new 1-hour SO₂ standard set at 75 parts per billion (ppb) or 196 ug/m³ as determined in accordance with Appendix T of Title 40 of Code of Federal Regulations (40 CFR), part 50. EPA significantly strengthened the primary standard based on health studies showing that people with asthma experience negative respiratory effects following very short exposure to SO₂ while breathing at elevated rates.

On August 21, 2015, the EPA issued the Data Requirements Rule for the 2010 1-Hour SO₂ Primary NAAQS (80 FR 51052). Under this rule, each air regulatory agency was required to submit a list to the EPA by January 15, 2016, that identified all sources within its jurisdiction that have SO₂ emissions that exceeded the 2,000 tons per year (tpy) annual threshold. The rule requires air quality characterization of the area associated with each listed source and provides two options to undertake this characterization: (1) the use of monitoring or (2) modeling the impacted Air Basin using approved EPA dispersion models.

On December 21, 2015, the Department of Natural and Environmental Resources (DNER), submitted to the EPA the list of sources with SO₂ emissions above the 2,000 ton per year statutory threshold. Table # 1 below presents the sources included in the notification provided by the DNER, as well as their SO₂ emissions, as reported.

Table # 1: Source with emission on or above 2,000 ton per year of SO₂. As reported to EPA on December 21, 2015.

Source	Municipality	SO ₂ Emission Rate (ton/year)	
		Allowable	Actual
PREPA Aguirre Power Plant	Salinas	30,038.09	9,264.11
PREPA South Coast Steam Power Plant ¹	Guayanilla	11,505.53	8,336.43
PREPA San Juan Power Plant	San Juan	7,787.05	4,903.39
PREPA Palo Seco Power Plant	Toa Baja	17,344.16	3,125.37

The EPA explained in the Data Requirements Rule (80 FR 51057) that the current ambient SO₂ monitoring network, overall, is not appropriately positioned / located, or of adequate size, for purposes of demonstrating compliance with the new standard, to characterize and measure the ambient air quality around many of the Island of Puerto Rico larger emitting SO₂ sources in operation today. The EPA stated that, because ambient SO₂ concentrations are not the result of complex chemical reactions (unlike ozone or PM_{2.5}), they can be modeled accurately using well understood air quality modeling tools, especially in areas where one or only a few sources exist. Air quality modeling and ambient monitoring are appropriate tools for characterizing ambient air quality for purposes of informing future decisions to implement the SO₂

¹ While PREPA South Coast was identified in Table 1 as a source with equal or greater than 2,000 tons per year of SO₂, the modeling analysis determined this source did not contribute to nonattainment, resulting in the area near and surrounding PREPA South Coast to be designated attainment.

NAAQS. Therefore, both options are available to the state to characterize the areas geared to demonstrate compliance with the new SO₂ 1-hour NAAQS promulgated.

If the air monitoring option was selected, the EPA required that the monitors being used to satisfy this rulemaking must be operational by January 1, 2017. It recognizes that the logistical and financial burdens of installing an ambient air monitoring station can vary in difficulty and the resources required. The EPA believes that any further delay in air quality characterization around sources identified as a result of this rulemaking will delay implementation of the standard and public health protection in areas where there may be a violation of the standard. The DNER made several attempts to relocate the SO₂ air monitoring network, but lack of infrastructure or adequate site characteristics limited the capability of the agency to relocate the existing monitors and its stations. In order to comply with regulatory requirements, on June 20, 2016, DNER notified EPA that the modeling option was going to be used to characterize peak 1-hour SO₂ concentrations. The document also enclosed the Dispersion Modeling Protocol required under 40 CFR 51.1203(d).

In March of 2017, the DNER submitted to EPA a 1-hour SO₂ modeling assessment and boundary recommendations for the designation of Puerto Rico area. DNER provided updated modeling between October and November 2017, in response to EPA comments on the March 2017 submission, which allowed EPA to finalize the SO₂ designation for Puerto Rico.

1.3 GEOGRAPHICAL DESCRIPTION

On January 9, 2018, EPA notified in the Federal Register (83 FR 1098) the designation of two (2) areas, comprised of several wards in different municipalities of Puerto Rico, as non-attainment for the new SO₂ NAAQS. This designation was based on EPA mathematical dispersion modeling, as provided by the regulation. According to the dispersion model's results, the Puerto Rico Electric Power Authority (PREPA) Plants located in the designated non-attainment areas were the only contributors of the NAAQS exceedances.

DNER's modeling assessment indicates the main SO₂ emitters in the non-attainment areas are: PREPA San Juan Power Plant and PREPA Palo Seco Power Plant in the San Juan Metro Area, and PREPA Aguirre Power Plant in Guayama-Salinas Area. Table # 2 presents the designated non-attainment areas for sulfur dioxide as defined in the Federal Register. Note that the areas are defined by municipalities and wards.

*Table #2: Designated **non-attainment areas** as defined in the Federal Register*

San Juan Metro Area	Guayama - Salinas Area
<ul style="list-style-type: none"> • Cataño Municipality (All) • Toa Baja Municipality (Partial) <ul style="list-style-type: none"> ○ Palo Seco Ward ○ Sabana Seca Ward • San Juan Municipality (Partial) • Guaynabo Municipality (Partial) • Bayamón Municipality (Partial) 	<ul style="list-style-type: none"> • Salinas Municipality (Partial) <ul style="list-style-type: none"> ○ Aguirre Ward ○ Lapa Ward



Figure 1: The striped area includes the non-attainment municipalities and wards. The map also presents the site location for PREPA San Juan and PREPA Palo Seco Power Plants



Figure 2: The striped area includes the non- attainment municipality and wards. The map also presents the site location for PREPA Aguirre Power Plant

2.0 CLEAN AIR ACT REQUIREMENTS

As required by the CAA, states, including the Government of Puerto Rico to must develop a Non-Attainment Area State Implementation Plan (NAA-SIP) that meets the requirements of Section 172(c) of the CAA. According to this Section the required components of the NAA-SIP are: (1) Attainment Demonstration, (2) Contingency Measures, (3) Emission Inventory, (4) Reasonable Further Progress, (5) Non-attainment New Sources Review, (6) Reasonably Available Control Measure and (7) Reasonable Available Control

Technology. As stated in Section 191(a) of the CAA the state should submit an NAA-SIP with a demonstration to reach attainment within 5 years of the designation.

3.0 EMISSIONS INVENTORY

Emissions inventory and source emission rate data serve as the foundation for modeling and other required analyses. Sulfur dioxide emissions come from anthropogenic sources such as fossil fuel combustion and biogenic sources such as volcanic activity. Anthropogenic emissions of SO₂ in Puerto Rico are mainly due to combustion of fossil fuels by external combustion boilers (~90 %), internal combustion engines (~1.6%) and transportation-related sources (~8.4%) based on 2014 EPA National Emission Inventory (USEPA, 2014), shown in Figure #3.

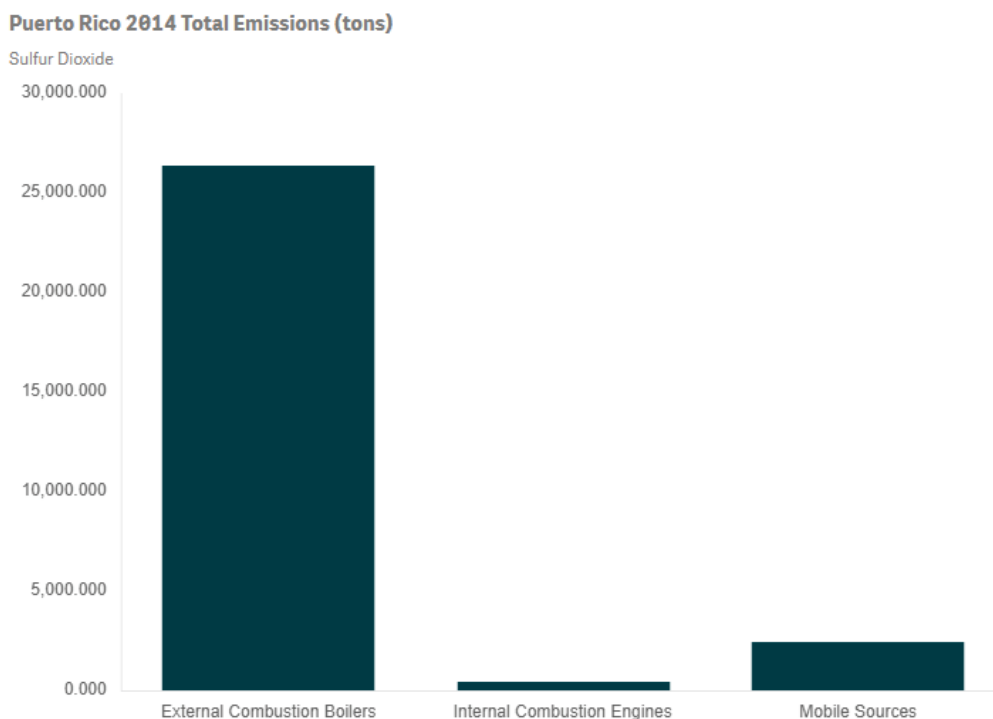


Figure #3: NEI 2014 SO₂ Emission based on process

The 2014 National Emission Inventory for SO₂ Non Attainment Areas for San Juan Area and Guayama-Salinas Area are shown as follows:

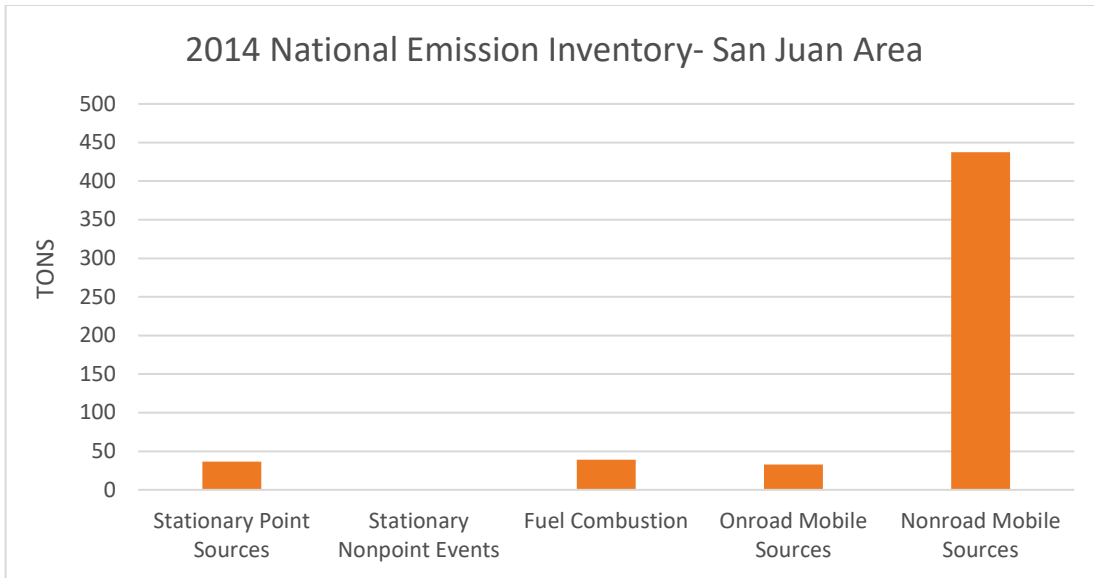


Figure #4: SO₂ Non Attainment Areas- San Juan

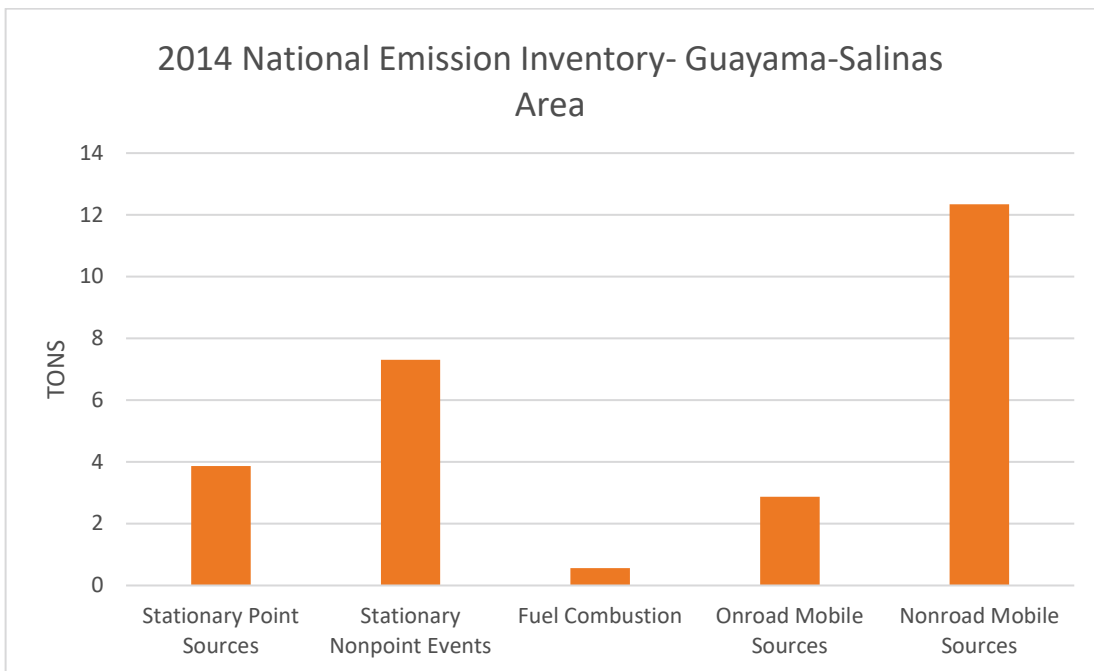


Figure #5: SO₂ Non Attainment Areas-Guayama

As required under Section 172(c)(3) of the CAA, the air regulatory agency should develop a comprehensive, accurate and current inventory of actual emission from all relevant sources of SO₂. Inventory should be consistent with data requirements codified in 40 CFR, part 51, Subpart A.

DNER prepared the projected emission inventory 2019-2030, for the 1- hour SO₂ non-attainment SIP, in the areas of San Juan Metro and Guayama-Salinas. The principal SO₂ emitters in each area are: PREPA San Juan and Palo Seco in San Juan, and PREPA Aguirre, in Guayama-Salinas. All of them are comprised primarily of external combustion boilers, combined cycle and internal combustion generation units.

The projected emission inventory includes five years of SO₂ allowable emissions, from 2019-2023. This inventory shows the required reductions in SO₂ potential emissions, that PREPA facilities should reach, to comply with the 1-hour SO₂ NAAQS. To satisfy the projected emission inventory requirement, the DNER prepared a document titled: *Puerto Rico 1-Hour SO₂ Non-Attainment Area State Implementation Plan: 2019-2023 Projected Emission Inventory*.

4.0 ATTAINMENT DEMONSTRATION

The two (2) nonattainment areas in Puerto Rico for the 1-hour SO₂ NAAQS are San Juan Metro and Guayama-Salinas. The San Juan Metro nonattainment area, includes the following municipalities and wards; within Cataño, (Palmas and Barrio Pueblo Wards), in Toa Baja (Palo Seco and Sabana Seca Wards), within Guaynabo (Pueblo Viejo Ward), in Bayamón (Juan Sánchez Ward) and in San Juan (San Juan Antiguo, Santurce, Hato Rey Norte and Gobernador Piñero Wards). The rest of the wards in each municipality were classified as attainment/unclassified.

The largest SO₂ sources in San Juan Metro area are, PREPA San Juan in San Juan municipality and PREPA Palo Seco in Toa Baja. Both sites are located within urban areas. In Guayama -Salinas area, the major SO₂ emissions comes from PREPA Aguirre, and this facility is located in Salinas municipality. The Guayama-Salinas area is classified as rural. See modeling protocol for additional information of the area characterization.

The other SO₂ sources in San Juan Metro area are: Bacardi, Edelcar and other minor sources, and Applied Energy System (AES) and other minor sources in Guayama-Salinas area. Previously modeling analysis showed that the SO₂ emissions contributions for these industries were insignificant. However, these minor sources emissions contributions will be addressed with the 1- hour SO₂ background concentration.

The attainment demonstration will be conducted by emission projections and dispersion modeling analysis. In addition to dispersion modeling, ambient air monitoring in the designated nonattainment areas will be used to measure current air quality and to compare the results of the SO₂ ground level concentration values predicted through the dispersion modeling analysis. This NAA-SIP developed by the DNER was prepared to establish the Government of Puerto Rico's strategy to reach compliance of the 2010 Sulfur Dioxide (SO₂) primary NAAQS.

In particular, the NAA-SIP that has been developed will use the modeling tools available through the EPA-approved modeling program and will be complemented with a new ambient monitoring network geared to compare actual ground-level concentrations of SO₂ within the two (2) designated Non-Attainment Areas. The locations where these new monitoring stations will be located (Six (6) units per Non-Attainment Area) are to be the same as the points of high SO₂ concentration calculated through the modeling exercise. DNER's goal is to compare the Model concentration predictions with the data secured from these new monitoring stations. All data to be secured will be fully validated through the EPA's Quality Assurance / Quality Control guidelines implemented at the DNER.

Modeling Methodology

The dispersion model used for the analysis is the AERMOD modeling system. This model is the USEPA recommendation in the Guideline on Air Quality Models² (GAQM), for the modeling of the 1-hour SO₂ NAAQS. The AERMOD model version used by PRDNER, is the latest available or the 21112. The AERMOD default modeling options are used in the analysis.

PRDNER attainment modeling scenario in each nonattainment area is based on the potential emissions or PTE rate, the PREPA new operating scenario using natural gas, and the proposed emission unit retirements, through the integration of renewable projects to the power grid. The modeling scenarios have the Natural Gas PTE certified emissions, that PREPA provided PRDNER. PREPA calculated the new emission rates for Natural Gas in all the emission units that will stay operating in their facilities. See modeling protocol for SO₂ emissions data.

The model for San Juan area, includes in the same modeling run, the allowable emissions of PREPA San Juan and PREPA Palo Seco, due to the proximity of each plant. The model for Guayama-Salinas area, only considers the allowable emissions for PREPA Aguirre. The contribution to the 1- hour SO₂ emissions from nearby sources in both nonattainment areas, is represented by the 1- hour SO₂ background concentration.

The AERMOD parameters used in the analysis were the default options, including building downwash for all PREPA plants. The emission units stack parameters data including the updated coordinates, was submitted and revised by PREPA. PREPA submitted PRDNER the height, width and length of the buildings in each facility, along with maps identifying the structures. PREPA also submitted the BPIP Prime output model data to be used in the 1- hour SO₂ attainment model in San Juan and Guayama-Salinas areas. PRDNER used this BPIP data for PREPA San Juan, Palo Seco and Aguirre.

PRDNER use a coarse and refined receptor grid for the modeling analysis. An additional receptor grid was used to determine fence line concentrations. The coarse grid is used to determine the maximum 1-hour SO₂ concentrations and the extension of the area of significant impact, or the area where the model predicts violations of the 1-hour SO₂ NAAQS. The refined grid is denser and covers the area where the previous model predicts the 1-hour SO₂ maximum concentration. See modeling protocol for additional information about the receptor grids.

The onsite meteorological data for the 1-hour SO₂ SIP model, was provided by PREPA and reprocessed by PRDNER. PREPA submitted PRDNER, meteorological data from PREPA San Juan, PREPA Palo Seco and PREPA Aguirre stations. The data from PREPA San Juan is from 2013 and in the case of PREPA Aguirre, the data is from years 2014-2016.

The SO₂ background concentration is a Tier 1 approach or based on a monitored design value. The design value is from the SO₂ monitor at Guayama, AQS-72-057-009. The concentration is 47 ug/m³ or 18 ppb, and this value will be added to the AERMOD model result, or the highest four highest (H4H).

Model Results

The model results for the LNG scenario demonstrate attainment with the 1- hour SO₂ NAAQS in both nonattainment areas. According to the model results the H4H concentration was below the NAAQS. The Table 1 shows the model results in each nonattainment areas.

²40CFR Part 51. Guideline on Air Quality Models. Environmental Protection Agency. January 2017.

Table1: 1-Hour Modeling Results for the SO₂ SIP

Facility	X (m)	Y (m)	H4H ($\mu\text{g}/\text{m}^3$)	Background ($\mu\text{g}/\text{m}^3$)	Design Concentration ($\mu\text{g}/\text{m}^3$)	NAAQS SO ₂ ($\mu\text{g}/\text{m}^3$)
PREPA San Juan	805500	2038922	11.97	47	58.97	196
PREPA Palo Seco	800950	2043422	13.44	47	60.44	196
PREPA San Juan/Palo Seco	800950	2043422	13.45	47	60.45	196
PREPA Aguirre	791000	1998000	21.77	47	68.77	196

The H4H in San Juan Metro area was 60.45 $\mu\text{g}/\text{m}^3$ and was registered to the northwest of PREPA Palo Seco. PREPA Palo Seco had the major contribution to this concentration. Refer to Figure 1. The Palo Seco boilers were the emission units with more contribution to the H4H design concentration.

In the Guayama-Salinas area the H4H was 68.77 $\mu\text{g}/\text{m}^3$ and was registered north of PREPA Aguirre. Refer to Figure 2. The major contribution to this concentration was from the boilers and the combined cycles HRSG.

Figure 1: San Juan Metro Area LNG Modeling Results

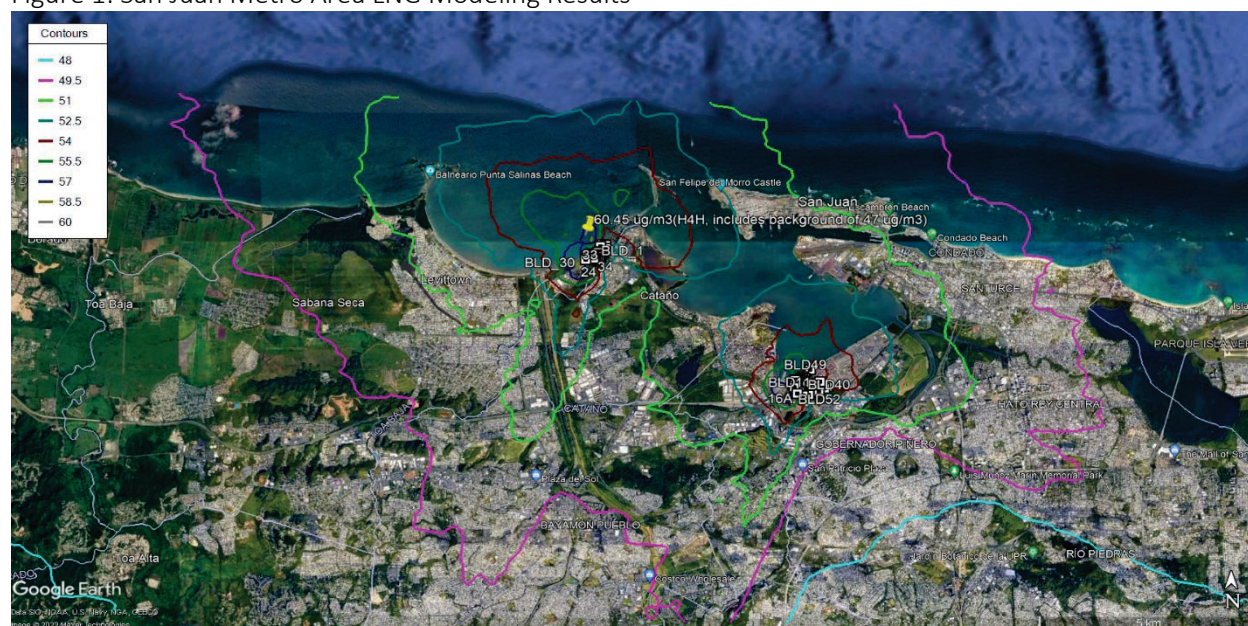


Figure 6: San Juan Metro Area LNG Modeling Results

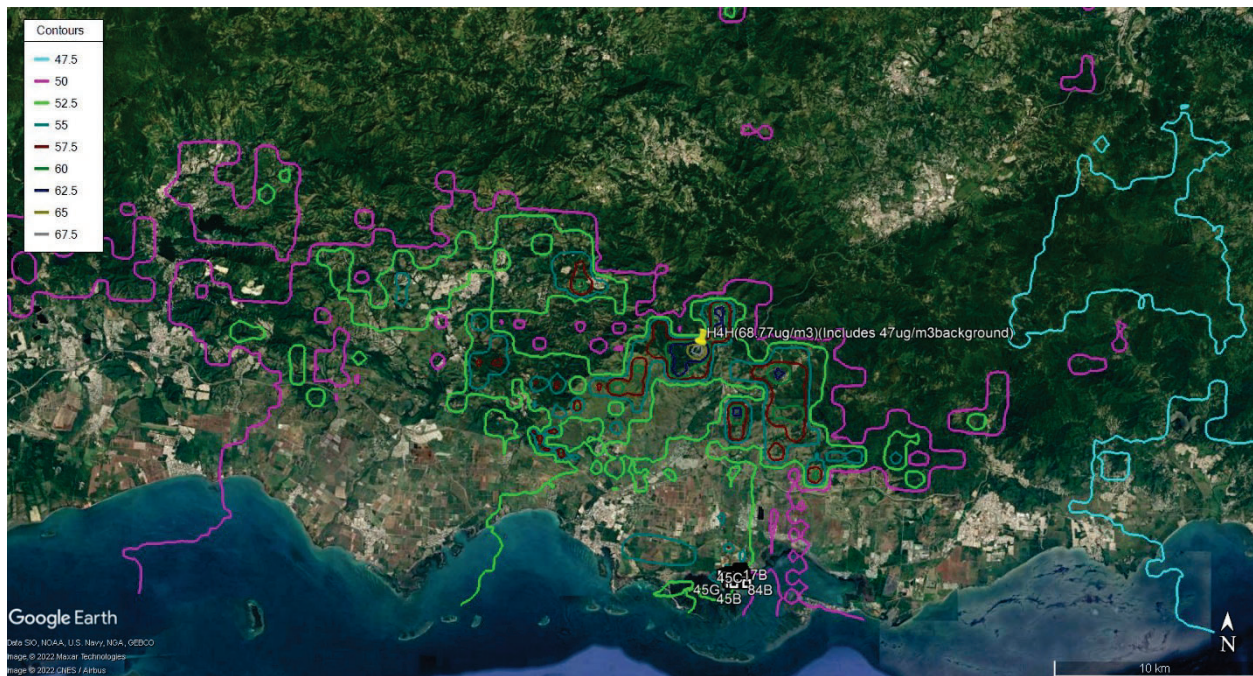


Figure 7: Guayama-Salinas Area LNG Modeling Results

5.0. NON-ATTAINMENT NEW SOURCE REVIEW 172 (c)(5)

Permits for new and modified major stationary sources.

The location or construction of any new major stationary source, or major modification, or significant source shall obtain a location approval from the DNER, prior to its construction in accordance with Rule 201 of Regulation for the Control of Atmospheric Pollution (RCAP). The DNER shall notify the public of the location approval application. An application for location approval shall include information about alternative sites, proposed facility size, production, processes, and environmental control techniques that demonstrate that the benefits of the proposed source significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification.

The requirements for location approval are included in Rule 201. Rule 201 requires that emission sources to be located within a designated non-attainment area will be regulated and limited by means of the replacement of existing fuels with new renewable energy projects and using natural gas in the Puerto Rico Electric Power Authority (PREPA) generation fleet. For emissions sources located in attainment areas, air pollutants emitted from the new major source, major modification, or significant source must be limited by means of the best available control technology (BACT).

Non Attainments provisions are included in Rule 210 for stationary sources locating in designated clean or unclassifiable areas which would cause or contribute to a violation of a national ambient air quality standard.

The provisions for Non-attainment SO₂ areas for San Juan and Guayama-Salinas are included in Rule 425. This rule contemplates control measures to reach attainment or improve air quality using different alternatives, such as, renewable energy sources, switching fuel to ultra low sulfur diesel and natural gas conversion.

6.0 REASONABLE FURTHER PROGRESS 172 (c)(2) CAA

This NAA-SIP had been developed under the basis of the integration of renewable energy sources, an aggressive fuel-switching program under which the PREPA power generation fleet located within the designated Non-Attainment Areas will be switching diesel fuel to Ultra Low Sulfur Diesel (ULSD) fuel (once all existing inventory of diesel fuel are exhausted) and from Bunker C fuel oil to natural gas, for achieving attainment at the PREPA Palo Seco, San Juan and Aguirre Power Plants.

On August 24, 2020, the Energy Bureau issued the IRP Final Order, with respect to the Integrated Resource Plan (“IRP”) of the PREPA.³ The Approved IRP includes a Modified Preferred Resource Plan (Action Plan) considering specific power generation capacity additions⁴ and retirements.⁵ In the Approved IRP, the Energy Bureau established a schedule for minimum quantities of renewable resources and battery energy storage resources and directed PREPA to submit a renewable resource and battery energy storage procurement plan. The Approved IRP included a program for six (6) tranches of procurement for renewable energy and battery storage resources from third parties,⁶ in support of, among other things, meeting Act 17-2019⁷ targets for renewable energy installations.⁸

The schedule of minimum quantities of renewables and battery storage additions is expected to be as follows:

Procurement Tranche	RFP Target Release Date	Solar PV or equivalent other energy, MW	4-hr. Battery Storage equivalent, MW
1	Dec-20	1000	500
2	April 2022	500	250

³ Final Resolution and Order on the Puerto Rico Electric Power Authority’s Integrated Resource Plan, *In re. Review of the Puerto Rico Electric Power Authority Integrated Resource Plan*, Case No. CEPR-AP-2018-0001, August 24, 2020 (“Approved IRP”).

⁴ *Id.*, ¶¶847-867, pp. 263-269.

⁵ *Id.*, ¶¶869-873, pp. 270-271.

⁶ *Id.*, ¶ 860, pp. 266-268.

⁷ Known as *Puerto Rico Energy Public Policy Act* (“Act 17-2019”).

⁸ Approved IRP, p. 266.

Procurement Tranche	RFP Target Release Date	Solar PV or equivalent other energy, MW	4-hr. Battery Storage equivalent, MW
3-4	September 2022	1000	500
5	March 2023	500	125
6	September 2023	750	125

As part of the SIP, DNER proposes an Interim Plan, to strengthen the existing SIP to improve air quality. The Interim Plan proposes fuel switching from diesel to ultra-low sulfur diesel ("ULSD") in certain units, starting in 2022, once existing inventory of diesel fuel is exhausted., as described below:

Interim Plan (Fuel Switching)

PREPA Facility	Generation Unit	Fuel Switching Date
Palo Seco	Power Block 1-1, 1-2	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 2-1	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 2-2	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 3-1	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 3-2	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 1	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 2	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 3	Upon exhaustion of existing diesel inventory
San Juan	HRSG 5&6	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-1HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-2HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-3HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-4HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-1HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-2HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-3HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-4HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine AGGT2-1, 2-2	Upon exhaustion of existing diesel inventory

Also, the Interim Plan considers the retirement of certain units as described below:

Interim Plan (Retirements)

PREPA Facility	Generation Unit	Unit Retirement Date
Palo Seco	Boiler 2	June 2023
Palo Seco	Power Block 2-2	June 2023
Palo Seco	Power Block 3-2	June 2023

This is contingent to renewable the effective integration of new renewable energy projects forecasted by the Energy Bureau. This action is required to maintain the power grid establiity for Puerto Rico and in compliance with the best management practices.

The DNER proposes a Final Plan to attain compliance with the SO₂ NAAQS. The Final Plan consists of the conversion of several units to be able to use natural gas as the primary fuel, as described below:

Final Plan (Gas Conversions)

PREPA Facility	Generation Unit	Conversion Date
Palo Seco	Boiler 1	July 1, 2030
Palo Seco	Boiler 3	July 1, 2029
Palo Seco	Boiler 4	July 1, 2028
Palo Seco	Power Block 1-1, 1-2	To be determined
Palo Seco	Power Block 2-1	To be determined
Palo Seco	Power Block 2-2	To be determined
Palo Seco	Power Block 3-1	To be determined
Palo Seco	Power Block 3-2	To be determined
Palo Seco	FT8 Mobile Pack 1	To be determined
Palo Seco	FT8 Mobile Pack 2	To be determined
Palo Seco	FT8 Mobile Pack 3	To be determined
San Juan	HRSB 5&6	July 1, 2022
San Juan	Boiler 7	January 31, 2024
San Juan	Boiler 8	January 31, 2026
San Juan	Boiler 9	January 31, 2028
San Juan	Boiler 10	January 31, 2030
Aguirre	AG1	July 1, 2028
Aguirre	AG2	July 1, 2030
Aguirre	Gas Turbine CC1-1HRSB	To be determined
Aguirre	Gas Turbine CC1-2HRSB	To be determined
Aguirre	Gas Turbine CC1-3HRSB	To be determined
Aguirre	Gas Turbine CC1-4HRSB	To be determined
Aguirre	Gas Turbine CC2-1HRSB	To be determined
Aguirre	Gas Turbine CC2-2HRSB	To be determined
Aguirre	Gas Turbine CC2-3HRSB	To be determined
Aguirre	Gas Turbine CC2-4HRSB	To be determined
Aguirre	Gas Turbine AGGT2-1, 2-2	To be determined

If required to meet its generation power commitments, PREPA would request a waiver to utilize an alternate fuel whenever there is a natural disaster or emergency or other extraordinary event under which the natural gas primary fuel is not available for an extended period. This will be done through the request of an Emergency Waiver before the DNER.

- a. The emergency waiver must be approved by PRDNER and EPA. PRDNER will submit the waiver request to USEPA OECA. The waiver must provide (1) evidence and justification for the emergency, (2) how long the waiver is needed, (3) projection for when the natural gas supply will be restored, (4) interim measures to reduce excess emissions. If EPA determines the waiver request is warranted, EPA will approve the temporary emergency waiver. If EPA

does not approve the waiver, EPA and PRDNER may use their discretion to determine noncompliance and/or issue a finding of failure to implement the SIP.

**7.0 REASONABLY AVAILABLE CONTROL MEASURE/ REASONABLY AVAILABLE CONTROL TECHNOLOGY 172
(c) (1) and (6) measures to be reasonably available and contribute to attainment as expeditiously as practicable**

Enforceable emission limitations and control measures

The DNER RCAP has rules to implement and enforce the NAAQS and other air quality standards. These rules include formal systematic procedures for construction and operation permits that will meet the federal requirements. As part of this SIP, the RCAP will be amended to include more specific rules (Rule 210 and 425) for non-attainment areas.

- (1) If attainment of SO₂ air quality standards in the Non-Attainment Areas are not achieved, DNER will undertake aggressive follow-up for compliance and enforcement at any source within the boundaries of San Juan Metro and Guayama-Salinas Non-Attainment Areas. This includes expedited procedures for establishing enforceable consent agreements pending the adoption of revised SIPs. Any source that is found in violation of any compliance plan approved by the Board or any requirement within such plan will be subject to sanctions specified in Rule 115.
- (2) In the event adoption of any additional control measures is necessary, it will be subject to DNER's administrative and legal process.
- (3) If a new measure/control is already promulgated and scheduled to be implemented at the federal or state level, and that measure/control is determined to be sufficient to address a violation of the SO₂ NAAQS, additional local measures may be unnecessary. Furthermore, DNER will submit to EPA an analysis to demonstrate the proposed measures are adequate to bring the area to attainment.
- (4) The DNER may require any owner or operator responsible for any source of sulfur dioxide emissions which may be contributing to air pollution to install, operate, and maintain monitoring devices; to maintain records; and file periodic reports.
 - a. Within three (3) months of the receipt of any order under Rule 425 of the RCAP, or within another time period that such order may specify, the owner or operator shall submit a plan to the DNER. Such plan shall include an air quality and meteorological measurement network consistent with the objective of obtaining an accurate assessment of the sulfur dioxide air quality and meteorology within the zone impacted by sulfur dioxide emissions from the source. The plan shall follow criteria guidelines furnished by the DNER for number of instruments; site location; monitoring methods; equipment performance specifications; equipment operation and maintenance; analytical and data reduction quality assurance; and data reporting. The DNER may issue additional orders to require that a previously submitted plan be clarified, updated, corrected, supplemented, or otherwise amended.

8.0 CONTINGENCY MEASURE

Identify sources of violation of the SO₂ NAAQS: DNER may declare an air pollution alert, warning or emergency, and will determine that such condition requires immediate action for the protection of the health of human beings. The DNER will order persons causing or contributing to the atmospheric pollution to reduce their emissions to eliminate such condition, or to immediately discontinue the emission of pollutants. In addition, the DNER also maintains air quality information in a form readily available to the public on the DNER Website (www.drna.pr.gov).

Compliance and enforcement: Article 9(a)(7) of Puerto Rico Environmental Public Policy Act (PREPPA) 416 of September 22, 2004, provides the Secretary of the DNER the authority to order persons causing or contributing to a condition which harms the environment and natural resources, or which poses an imminent danger for the public health and safety, to immediately diminish or discontinue their actions. Also, Article 9(a)(8) of PREPPA provides the authority to issue orders to do or forbear or to cease and desist so as to take the preventive or control measures that, in its judgment, are necessary to achieve the purposes of this Act and the regulations promulgated thereunder.

Upon notification by DNER that a nearby air monitor for the area has registered four validated ambient SO₂ concentrations in excess of the standard, or that a monitored SO₂ violation based on the design value occurred during calendar years 2022 and beyond, PREPA will, without any further action by DNER or EPA, undertake a full system audit of all emissions units subject to control under this plan. PREPA will submit a written system audit report to DNER within 30 days of the notification. The system audit report must detail the operating parameters of all emissions units for four 10-day periods up to and including the date upon which the reference monitor registered each exceedance, together with recommended provisional SO₂ emission control strategies for each affected unit and evidence that these control strategies have been deployed, as appropriate. Upon receipt of the system audit report, DNER will immediately begin a 30-day evaluation period to diagnose the cause of the monitored exceedance. This evaluation will be followed by a 30-day consultation period with PREPA to develop and implement operational changes necessary to prevent future monitored violations of the standard. These changes may include fuel switching to reduce or eliminate the use of sulfur containing fuels, physical or operational reduction of production capacity, or other changes as appropriate. If any new emission limits are necessary, they would be submitted to EPA as a SIP revision.

Establishment of a New Attainment Ambient Monitoring Networks (NAAMN): The 2010 SO₂ NAAQS attainment strategy in this SIP considers the development of a NAAMN in the Guayama-Salinas and the San Juan Metro non-attainment areas. The data gathered from the existing monitoring network allows the DNER to propose the development of a NAAMN to be installed at the designated non-attainment areas in Puerto Rico, geared to compare NAAQS compliance. It is recommended to install twelve (12) monitoring stations under the NAAMN, placing six (6) in each of the two non-attainment areas. The analysis developed to select the monitoring station locations will be based upon the areas predicted to have the maximum concentrations, predicted through the use of EPA-approved AERMOD⁹ Modeling Program. This is directed

⁹ AERMOD is a “steady-state plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain.” [Air Quality Dispersion Modeling - Preferred and Recommended Models | US EPA](#)

to address EPA's concerns, as well as to fully validate the Government of Puerto Rico's compliance with the Clean Air Act NAAQS requirements.

9.0 CONCLUSION

On January 9, 2018, the EPA's decision to designate areas of Puerto Rico as non-attainment areas for the 2010 SO₂ NAAQS was published in the Federal Register (83 FR. 1098). The non-attainment designations that took effect on April 9, 2018, correspond to the Air Quality Control Regions (AQCRs) covering: 1. Areas within the Municipalities of San Juan, Guaynabo, Toa Baja, and Bayamón, together with the entire Cataño Municipality on the north of the main island (San Juan Metro Area); 2. Sectors of the Guayama and Salinas Municipalities on the south of the main island. For areas designated as nonattainment, states must develop a State Implementation Plan that meets the requirements of Section 172(c) Clean Air Act (CAA). Paragraphs 172(c) and 172(a)(2) establish the requirements for the implementation of reasonably available control measures to achieve compliance as soon as practicable but no later than five years after the nonattainment designation. In response to the promulgation of the 2010 1-Hour SO₂ Primary National Ambient Air Quality Standard, this SIP is submitted, according to the requirements established in Sections 172(b) and (c) of the (CAA). With this plan, the DNER will meet all requirements to demonstrate attainment with the 2010 1-hour SO₂ NAAQS ambient air monitoring in the designated non-attainment San Juan Metro and Guayama-Salinas areas. This plan demonstrates that the implementation of the control measures at existing sources limit SO₂ emissions below the 2010 NAAQS for sulfur dioxide.

10.0 APPENDIX

- A. Puerto Rico 1-Hour So₂ Nonattainment Area State Implementation Plan-Modeling Protocol (Draft Final)
- B. Puerto Rico 1-Hour So₂ Nonattainment Area State Implementation Plan-2019-2023 Projected Emission Inventory (Draft)



You are here: EPA Home > Green Book > Sulfur Dioxide (2010) Nonattainment Area
Area/State/County Report

Sulfur Dioxide (2010) Nonattainment Area Area/State/County Report

Data is current as of June 30, 2023

Allegheny, PA (Nonattainment)
PENNSYLVANIA (Region III)
Allegheny County (P)

Alton Township, IL (Nonattainment)
ILLINOIS (Region V)
Madison County (P)

Anne Arundel County and Baltimore County, MD (Nonattainment)
MARYLAND (Region III)
Anne Arundel County (P)
Baltimore County (P)

Beaver, PA (Nonattainment)
PENNSYLVANIA (Region III)
Beaver County (P)

Detroit, MI (Nonattainment)
MICHIGAN (Region V)
Wayne County (P)

Evangeline Parish (Partial), LA (Nonattainment)
LOUISIANA (Region VI)
Evangeline Parish (P)

Freestone and Anderson Counties, TX (Nonattainment)
TEXAS (Region VI)
Anderson County (P)
Freestone County (P)

Giles County, VA (Nonattainment)
VIRGINIA (Region III)
Giles County (P)

Guayama-Salinas, PR (Nonattainment)
PUERTO RICO (Region II)
Salinas Municipio (P)
Aguirre Ward., Lapa Ward.

Hayden, AZ (Nonattainment)
ARIZONA (Region IX)
Gila County (P)
Pinal County (P)

Henderson-Webster Counties, KY (Nonattainment)
KENTUCKY (Region IV)

Henderson County (P)
Webster County (P)

Howard County, TX (Nonattainment)
TEXAS (Region VI)
Howard County (P)

Huntington, IN (Nonattainment)
INDIANA (Region V)
Huntington County (P)
Huntington Township

Hutchinson County, TX (Nonattainment)
TEXAS (Region VI)
Hutchinson County (P)

Indiana, PA (Nonattainment)
PENNSYLVANIA (Region III)
Armstrong County (P)
Indiana County

Miami, AZ (Nonattainment)
ARIZONA (Region IX)
Gila County (P)

Muscatine, IA (Nonattainment)
IOWA (Region VII)
Muscatine County (P)

Muskingum River, OH (Nonattainment)
OHIO (Region V)
Morgan County (P)
Center Township
Washington County (P)
Waterford Township

Navarro County, TX (Nonattainment)
TEXAS (Region VI)
Navarro County (P)

New Madrid County, MO (Nonattainment)
MISSOURI (Region VII)
New Madrid County (P)

Piti-Cabras, GU (Nonattainment)
GUAM (Region IX)
Guam (P)

Rusk and Panola Counties, TX (Nonattainment)
TEXAS (Region VI)
Panola County (P)
Rusk County (P)

San Juan, PR (Nonattainment)
PUERTO RICO (Region II)
Bayamon Municipio (P)
Juan Sanchez Ward.
Catano Municipio
Guaynabo Municipio (P)
Pueblo Viejo Ward.
San Juan Municipio (P)

*San Juan Antiguo Ward., Santurce Ward., Hato Rey Norte Ward.,
Gobernador Pinero Ward.*

Toa Baja Municipio (P)

Palo Seco Ward., Sabana Seca Ward.

St. Bernard Parish, LA (Nonattainment)

LOUISIANA (Region VI)

St. Bernard Parish

St. Clair, MI (Nonattainment)

MICHIGAN (Region V)

St. Clair County (P)

St. Lawrence County, NY (Nonattainment)

NEW YORK (Region II)

St. Lawrence County (P)

Sullivan County, TN (Nonattainment)

TENNESSEE (Region IV)

Sullivan County (P)

Titus County, TX (Nonattainment)

TEXAS (Region VI)

Titus County (P)

Warren, PA (Nonattainment)

PENNSYLVANIA (Region III)

Warren County (P)

Whatcom County, WA (Nonattainment)

WASHINGTON (Region X)

Whatcom County (P)

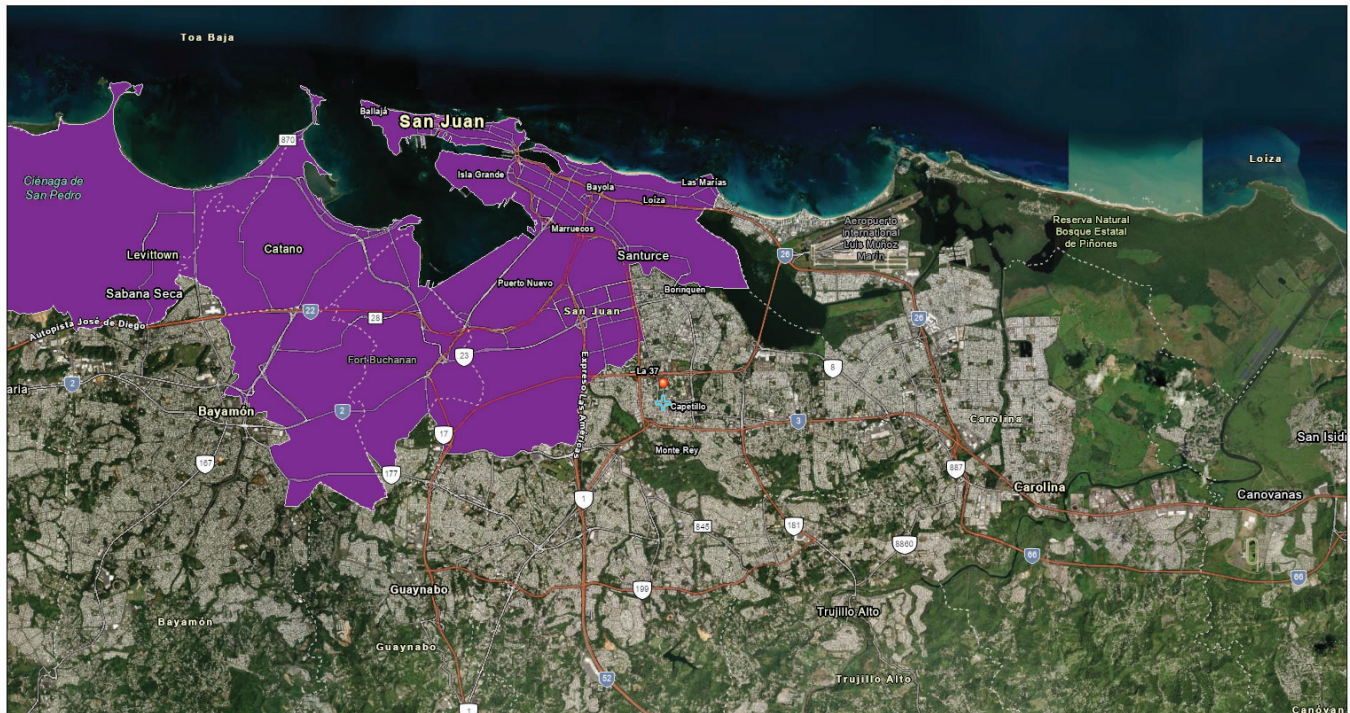
Discover.

Connect.

Ask.

Follow.

2023-06-30



January 23, 2025

Project Buffer

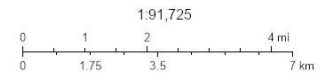
PUENTE HENRY KLUMB

Search Result (point)

SO2 1-hr (2010 standard)

Nonattainment

www.epa.gov/nepa/nepassist



Earthstar Geographics, Esri, TomTom, Garmin, FourSquare, SafeGraph, GeoTechnologies, Inc. (METI), NASA, USGS, NPS, USFWS, U.S. EPA Office of Air and Radiation (OAR) - Office of Air Quality Planning and Standards (OAQPS)

Project Location	18.40115,-66.050759
Within 100 feet of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 100 feet of a Federal Land?	no
Within 100 feet of an impaired stream?	no
Within 100 feet of an impaired waterbody?	yes
Within 100 feet of a waterbody?	no
Within 100 feet of a stream?	no
Within 100 feet of an NWI wetland?	Available Online
Within 100 feet of a Brownfields site?	no
Within 100 feet of a Superfund site?	no

Within 100 feet of a Toxic Release Inventory (TRI) site?	no
Within 100 feet of a water discharger (NPDES)?	no
Within 100 feet of a hazardous waste (RCRA) facility?	no
Within 100 feet of an air emission facility?	no
Within 100 feet of a school?	no
Within 100 feet of an airport?	no
Within 100 feet of a hospital?	no
Within 100 feet of a designated sole source aquifer?	no
Within 100 feet of a historic property on the National Register of Historic Places?	no
Within 100 feet of a Chemical Data Reporting (CDR) site?	no
Within 100 feet of a Land Cession Boundary?	no
Within 100 feet of a tribal area (lower 48 states)?	no
Within 100 feet of the service area of a mitigation or conservation bank?	no
Within 100 feet of the service area of an In-Lieu-Fee Program?	no
Within 100 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 100 feet of a Munitions Response Site?	no
Within 100 feet of an Essential Fish Habitat (EFH)?	yes
Within 100 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 100 feet of an EFH Area Protected from Fishing (EFHA)?	no
Within 100 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 100 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 100 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 1/23/2025 9:40:21 AM

**Attachment V: Coastal Zone Management Coastal Zone
Management Act, sections 307(c) & (d)**

**Attachment VI: Contamination and Toxic Substances 24 CFR
Part 50.3(i) & 58.5(i)(2)**



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Memorandum to File

Date: November 12, 2024

From: Plan. Laredo González
Preparer
CDBG-DR Program

Plan.
Laredo
Gonzalez
MP, PPL, ISF

Digitally signed by Plan.
Laredo Gonzalez MP, PPL, ISF
DN: cn=Plan. Laredo
Gonzalez MP, PPL, ISF,
o=OGPe, ou=01300-
ISF-00430,
email=lsfoigpe001@gmail.co
m, c=US
Date: 2025.01.23 10:50:20
-04'00'

Community Development Block Grant – Disaster Recovery Program
Puerto Rico Department of Housing

Application Number: *PR-CRP-000955*

Project: *Improvements Puente Henry Klumb* Puente Iluminado (puente Klumb Ave Gandara)

Re: **Justification for the Infeasibility and Impracticability of Radon Testing**

After reviewing Application Number *PR-CRP-000955* under the Community Development Block Grant – Disaster Recovery 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), and the information supplied by PRDOH (see below this paragraph), we have concluded 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. PRDOH indicated they 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 PRDOH 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.

NEPAssist Report PUENTE HENRY KLUMB (3,000 FEET RADIUS)

The Figure at the following page was generated by a WEB TOOL. The information depicted in the figure is produced and represented by the web tool engine and it is shown as generated by the web tool. The information here relate to the subject project and is included here as requested by PRDOH to complement what is shown in the figure. The geographic coordinates included here identify the location of the project but may not be accurately represented by the web tool.

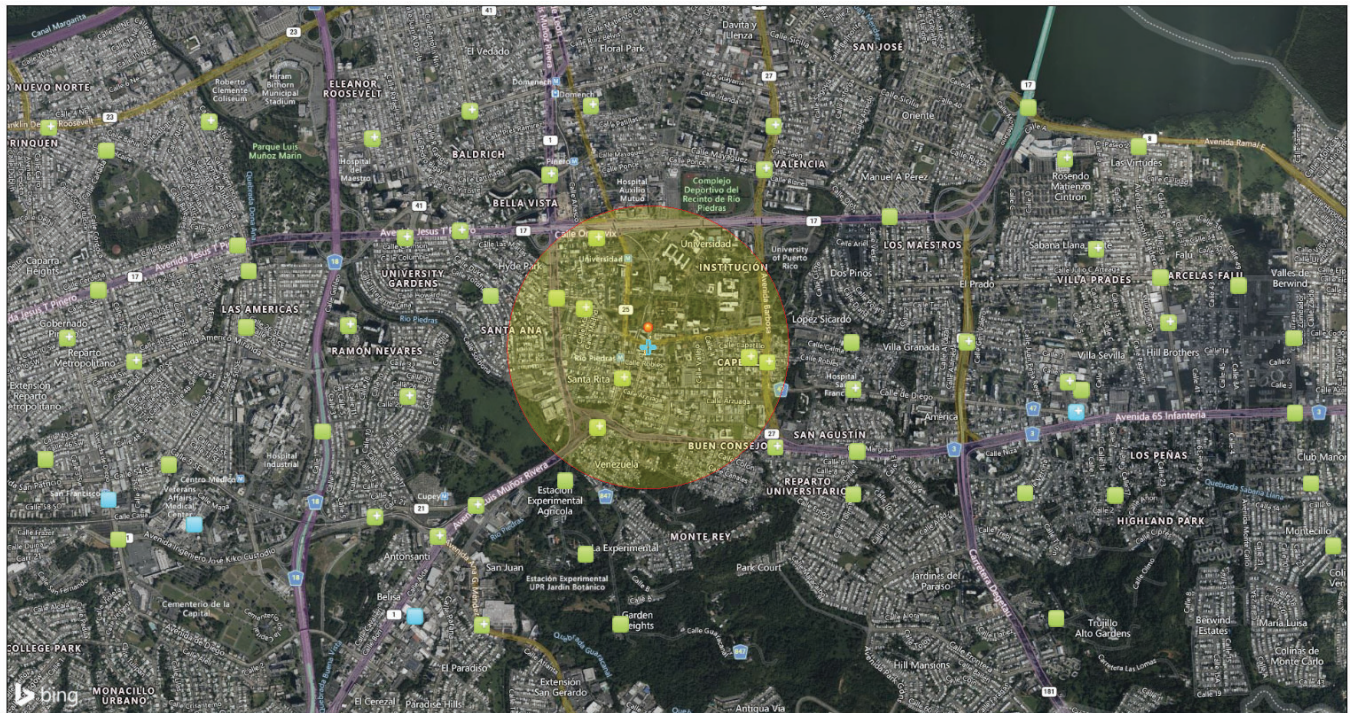


**PR-CRP-000955 Puente Iluminado
(Puente Klumb Ave Gandara)**

**OVER THE GÁNDARA AVE., RIO PIEDRAS WARD,
SAN JUAN, P.R**

Coordinates:
Parcel ID: EXC-TMP-146-00 18.401131°, -66.050738°

CONTAMINANTS AND TOXICS (www.epa.gov/nepa/nepassist)



November 12, 2024

Project Buffer (3,000 ft.) Toxic Releases (TRI) Hazardous Waste (RCRAInfo)
PUENTE HENRY KLUMB Toxic Releases (TRI) henry_klumb_bridge
Hazardous Waste (RCRAInfo)

1:22,931
0 0.28 0.55 1.1 mi
0 0.42 0.85 1.7 km

© 2024 Microsoft Corporation © 2024 Maxar © CNES
(2024) Distribution Airbus DS © 2024 TomTom

Project Location	18.400845,- 66.050708
Within 3000 feet of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
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Within 3000 feet of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no

Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	yes
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	no
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Chemical Data Reporting (CDR) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	yes
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	no
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

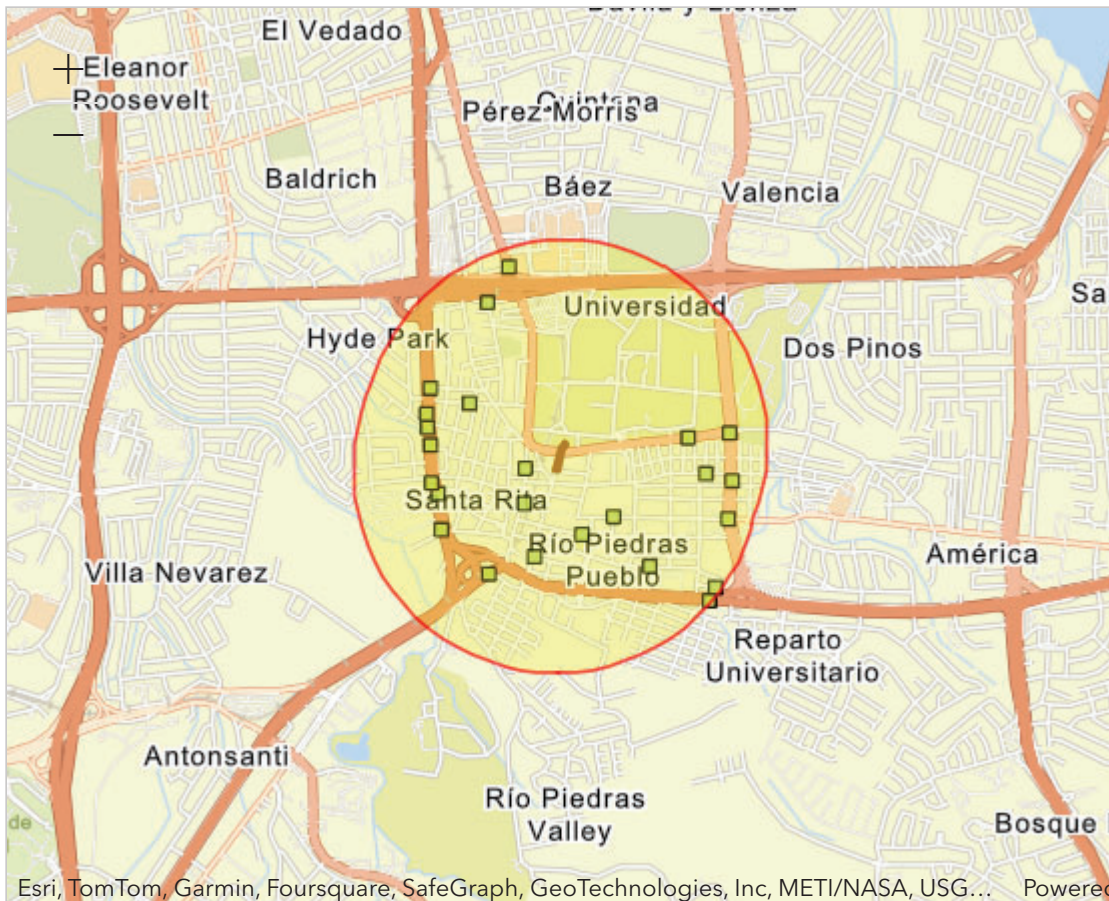
Created on: 11/12/2024 11:29:47 AM

NEPAssist Report PR-CRP-000955

Puente Iluminado (puente Klumb Ave
Gandara) (3,000 feet RADIUS) List of
RCRA facilities

(highlighted in yellow are facilities with no
detailed report available or are not identified in
the EPA-ECHO Tool)

CONTAMINANTS AND TOXICS (www.epa.gov/nepa/nepassist)



Report question: **Within 3000 feet of a Hazardous waste site? yes**

Modify question by entering a new buffer distance and unit for the selected study area:

Name

Distance

☐ US ARMY CORPS OF ENGINEERS (SAN JUAN,PR) ([https://enviro.epa.gov/envirofacts/rcrainfo/facility?](https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR8210808103)

2368.95 feet

handlerId=PR8210808103)

Registry ID: 110004888729

Primary Name: US ARMY CORPS OF ENGINEERS

Address: OROCOVIS ST FRONT BLDG W 5 7

City: SAN JUAN

County: SAN JUAN

State: PR

EPA Region: Region 02

ZIP Code: 00925 2209

Latitude: 18.40721

Longitude: -66.05388

Program_System Acronym: RCRAINFO

Program System ID: PR8210808103

FIPS Code: 72127

HUC Code:

Facility URL: <https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR8210808103>

Name	Distance
<input type="checkbox"/> GENERAL ELECTRIC INTL RIO PIEDRAS (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD090093931) Registry ID: 110004888881 Primary Name: GENERAL ELECTRIC INTL RIO PIEDRAS Address: 1086 MUNOZ RIVERA City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 5016 Latitude: 18.399872 Longitude: -66.056277 Program_System Acronym: RCRAINFO Program System ID: PRD090093931 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD090093931	1844.77 feet
<input type="checkbox"/> COLEGIO DE LA MILAGROSA (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000001339) Registry ID: 110004891831 Primary Name: COLEGIO DE LA MILAGROSA Address: 107 DE DIEGO City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 3303 Latitude: 18.398494 Longitude: -66.048478 Program_System Acronym: RCRAINFO Program System ID: PRR000001339 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000001339	1081.30 feet
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Name	Distance
<input type="checkbox"/> GOMEZ HERMANOS METRO INC (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000002386) Registry ID: 110004892153 Primary Name: GOMEZ HERMANOS METRO INC Address: AVE MUNOZ RIVERA 1088 City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 5016 Latitude: 18.397971 Longitude: -66.055856 Program_System Acronym: RCRAINFO Program System ID: PRR000002386 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000002386	1906.12 feet
<input type="checkbox"/> ESSO STANDARD OIL CO PR CO 014 (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000002469) Registry ID: 110004892180 Primary Name: ESSO STANDARD OIL CO PR CO 014 Address: AVE MUNOZ RIVERA 1004 City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 5018 Latitude: 18.402125 Longitude: -66.056455 Program_System Acronym: RCRAINFO Program System ID: PRR000002469 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000002469	1994.14 feet
<input type="checkbox"/> ESSO STANDARD OIL CO PR DO 200 (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008458) Registry ID: 110004893875 Primary Name: ESSO STANDARD OIL CO PR DO 200 Address: AVE BARBOSA 621 City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.4019 Longitude: -66.0435 Program_System Acronym: RCRAINFO Program System ID: PRR000008458 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008458	2438.04 feet

Name	Distance
<input type="checkbox"/> TREN URBANO (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008821)	442.43 feet
Registry ID: 110004894062 Primary Name: TREN URBANO Address: 1017 PONCE DE LEON City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.40046 Longitude: -66.05226 Program_System Acronym: RCRAINFO Program System ID: PRR000008821 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008821	
<input type="checkbox"/> CARIBBEAN PETROLEUM LP SS GULF 024 (RIO PIEDRAS,PR)	1885.05 feet
(https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008961) Registry ID: 110004894133 Primary Name: CARIBBEAN PETROLEUM LP SS GULF 024 Address: MUNOZ RIVERA AVE 1007 City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00926 Latitude: 18.40141 Longitude: -66.05632 Program_System Acronym: RCRAINFO Program System ID: PRR000008961 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008961	
<input type="checkbox"/> VENEZUELA SS (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000009548)	1825.42 feet
Registry ID: 110004894400 Primary Name: VENEZUELA SS Address: 1203 PONCE DE LEON AVE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00926 Latitude: 18.39617 Longitude: -66.05382 Program_System Acronym: RCRAINFO Program System ID: PRR000009548 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000009548	

Name	Distance
<input type="checkbox"/> LUMA SAN JUAN REGION (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000009928) Registry ID: 110004894552 Primary Name: LUMA SAN JUAN REGION Address: CARR 47 KM 0 5 CALLE DE DIEGO City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00926 Latitude: 18.399032 Longitude: -66.052302 Program_System Acronym: RCRAINFO Program System ID: PRR000009928 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000009928	676.31 feet
<input type="checkbox"/> OFICINA CENTRAL FARMACIA EL AMAL (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000013359) Registry ID: 110004895917 Primary Name: OFICINA CENTRAL FARMACIA EL AMAL Address: 1086A MUNOZ RIVERA AVE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.399872 Longitude: -66.056277 Program_System Acronym: RCRAINFO Program System ID: PRR000013359 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000013359	1844.77 feet
<input type="checkbox"/> FARMACIA EL AMAL 27 (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000013888) Registry ID: 110006537756 Primary Name: FARMACIA EL AMAL 27 Address: 79 ARZUAGA ST City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.39777 Longitude: -66.04983 Program_System Acronym: RCRAINFO Program System ID: PRR000013888 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000013888	1020.68 feet

Name	Distance
<input type="checkbox"/> COLEGIO SAN JOSE (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987375086) Registry ID: 110007811653 Primary Name: COLEGIO SAN JOSE Address: CALLE AMEZQUITA ESQUINA PAZ City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.396483 Longitude: -66.046923 Program_System Acronym: RCRAINFO Program System ID: PRD987375086 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987375086	1974.61 feet
<input type="checkbox"/> CMS DR JAVIER JAVIER ANTON (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987381563) Registry ID: 110007813143 Primary Name: CMS DR JAVIER JAVIER ANTON Address: 1 PINERO ST COR VALLEJO ST City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00928 Latitude: 18.39687 Longitude: -66.051867 Program_System Acronym: RCRAINFO Program System ID: PRD987381563 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987381563	1319.96 feet
<input type="checkbox"/> PRASA SJ1A SAGRADO CORAZON FACILITY (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012567) Registry ID: 110007822785 Primary Name: PRASA SJ1A SAGRADO CORAZON FACILITY Address: SAN JOSE ST VILLA PALMERAS City: SAN JUAN County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.39562 Longitude: -66.04411 Program_System Acronym: RCRAINFO Program System ID: PRR000012567 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012567	2917.63 feet

Name	Distance
<input type="checkbox"/> CARIBBEAN PETROLEUM LP SS GULF 005 (RIO PIEDRAS,PR) https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008573 Registry ID: 110009437742 Primary Name: CARIBBEAN PETROLEUM LP SS GULF 005 Address: CARR 3 KM 5 1 AVE 65TH INF City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00981 Latitude: 18.395076 Longitude: -66.044362 Program_System Acronym: RCRAINFO Program System ID: PRR000008573 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000008573	2972.33 feet
<input type="checkbox"/> RAGA OFFSET (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008010944) Registry ID: 110013359944 Primary Name: RAGA OFFSET Address: 251 ROBELS ST City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.40025 Longitude: -66.044516 Program_System Acronym: RCRAINFO Program System ID: PRN008010944 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008010944	2126.79 feet
<input type="checkbox"/> VIDYS CAFE RESTAURANT (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000016246) Registry ID: 110015322836 Primary Name: VIDYS CAFE RESTAURANT Address: 104 UNIVERSIDAD AVE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00925 Latitude: 18.40311 Longitude: -66.05465 Program_System Acronym: RCRAINFO Program System ID: PRR000016246 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000016246	1515.25 feet

Name	Distance
<input type="checkbox"/> ESSO STANDARD OIL CO PR 3P 198 (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000017582) Registry ID: 110021015202 Primary Name: ESSO STANDARD OIL CO PR 3P 198 Address: 1072 DE DIEGO ESQ BARBOSA City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00928 Latitude: 18.398403 Longitude: -66.043562 Program_System Acronym: RCRAINFO Program System ID: PRR000017582 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000017582	2637.22 feet
<input type="checkbox"/> LOS GEMELOS AUTO SALES (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008015232) Registry ID: 110024444911 Primary Name: LOS GEMELOS AUTO SALES Address: 1055 BARBOSA AVE City: SAN JUAN County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00923 Latitude: 18.39996 Longitude: -66.04339 Program_System Acronym: RCRAINFO Program System ID: PRN008015232 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008015232	2530.58 feet
<input type="checkbox"/> QUEST DIAGNOSTICS INC (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008016230) Registry ID: 110031344276 Primary Name: QUEST DIAGNOSTICS INC Address: 881 MUNOZ RIVERA AVE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 Latitude: 18.403725 Longitude: -66.056332 Program_System Acronym: RCRAINFO Program System ID: PRN008016230 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008016230	2137.49 feet

Name	Distance
<input type="checkbox"/> HATO REY HEMATOLOGY ONCOLOGY GROUP (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008019408) Registry ID: 110037441792 Primary Name: HATO REY HEMATOLOGY ONCOLOGY GROUP Address: 735 PONCE DE LEON AVE City: SAN JUAN County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00917 Latitude: 18.40866 Longitude: -66.05296 Program_System Acronym: RCRAINFO Program System ID: PRN008019408 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008019408	2728.77 feet
<input type="checkbox"/> SMILE COLLISION CENTER (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008027419) Registry ID: 110063077316 Primary Name: SMILE COLLISION CENTER Address: 1088 MUNOZ RIVERA AVE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 Latitude: 18.402678 Longitude: -66.056493 Program_System Acronym: RCRAINFO Program System ID: PRN008027419 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRN008027419	2060.58 feet
<input type="checkbox"/> SMILE COLLISION CENTER (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025288) Registry ID: 110063077316 Primary Name: SMILE COLLISION CENTER Address: 1088 MUNOZ RIVERA AVE City: SAN JUAN County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 Latitude: 18.402678 Longitude: -66.056493 Program_System Acronym: RCRAINFO Program System ID: PRR000025288 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025288	2060.58 feet

Name	Distance
<input type="checkbox"/> ESCUELA SUPERIOR RAMON VILA MAYO (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025106) Registry ID: 110064658623 Primary Name: ESCUELA SUPERIOR RAMON VILA MAYO Address: AVE GANDARA ESQUINA CALLE City: RIO PIEDRAS County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00936 Latitude: 18.401706 Longitude: -66.045275 Program_System Acronym: RCRAINFO Program System ID: PRR000025106 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025106	1819.69 feet
<input type="checkbox"/> AUTOCENTRO NISSAN (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025668) Registry ID: 110067418486 Primary Name: AUTOCENTRO NISSAN Address: 1086 MUNOZ RIVERA AVE City: SAN JUAN County: SAN JUAN State: PR EPA Region: Region 02 ZIP Code: 00927 Latitude: 18.402678 Longitude: -66.056493 Program_System Acronym: RCRAINFO Program System ID: PRR000025668 FIPS Code: 72127 HUC Code: Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000025668	2060.58 feet



Detailed Facility Report

Facility Summary

AUTOCENTRO NISSAN

**1086 MUNOZ RIVERA AVE, SAN JUAN, PR
00927**

FRS (Facility Registry Service) ID: 110067418486

EPA Region: 02

Latitude: 18.402678

Longitude: -66.056493

Locational Data Source: RCRAINFO

Industries: Motor Vehicle and Parts Dealers

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000025668)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110067418486					N	18.402678	-66.056493
RCRAInfo	RCRA	PRR000025668	VSQG	Active (H)			N	18.402678	-66.056493

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110067418486	AUTOCENTRO NISSAN	1086 MUNOZ RIVERA AVE, SAN JUAN, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRR000025668	AUTOCENTRO NISSAN	1086 MUNOZ RIVERA AVE, SAN JUAN, PR 00927	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000025668	441110	New Car Dealers

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000025668	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000025668)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

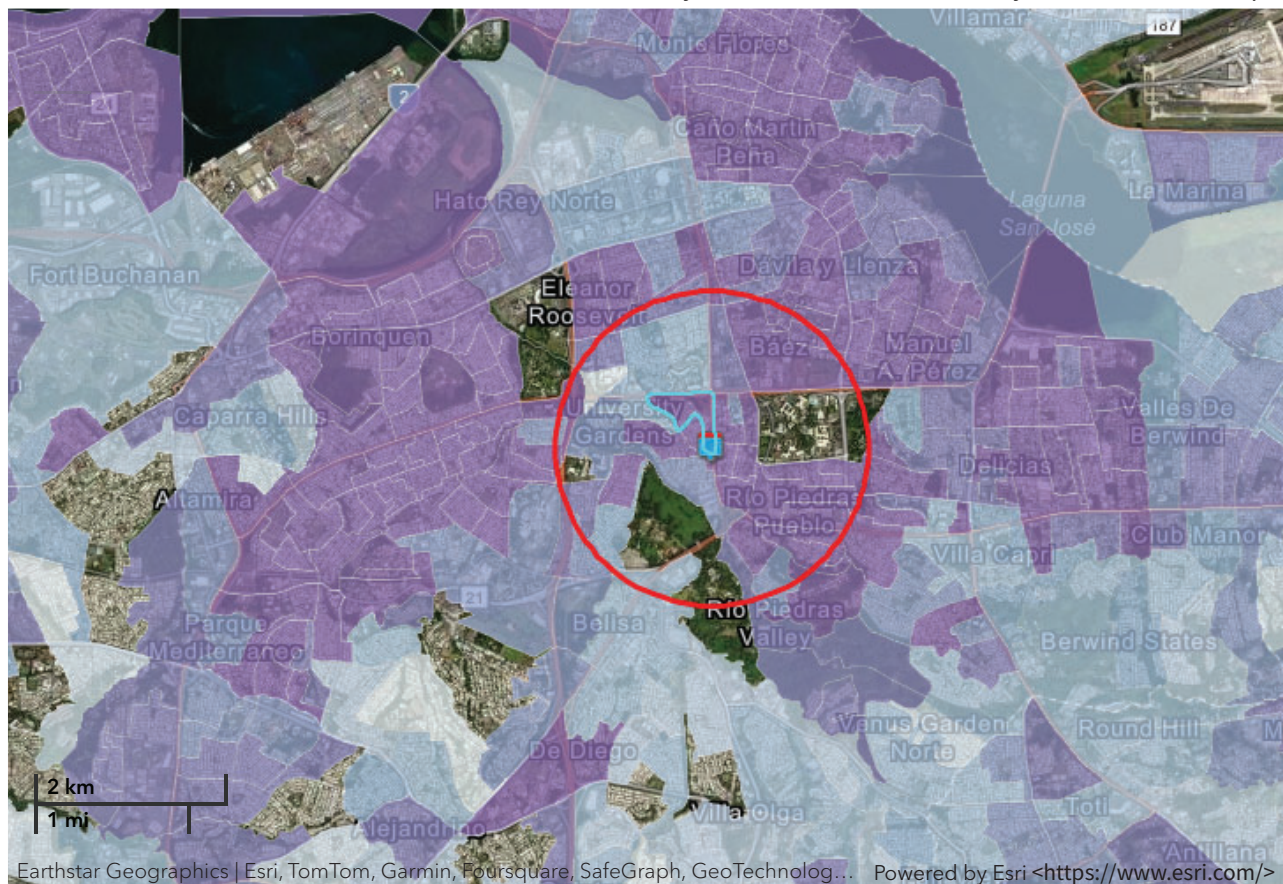
Census Block Group ID: 721270067023	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	81	85	96	74	84	99
Air Toxics Cancer Risk	50	34	56	27	0	95
Air Toxics Respiratory Hazard Index	31	32	42	29	38	94
Toxic Releases to Air	88	92	99	32	40	65
Traffic Proximity	98	99	99	74	78	99
Lead Paint	98	97	99	68	72	99
Risk Management Plan (RMP) Facility Proximity	97	98	99	70	78	97

Census Block Group ID: 721270067023	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	94	96	99	65	74	97
Superfund Proximity	86	90	98	25	27	43
Underground Storage Tanks (UST)	95	94	99	69	67	99
Wastewater Discharge	98	99	99	70	79	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	25,144
Population Density	8,067/sq.mi.
Housing Units in Area	17,404
Percent People of Color	99%
Households in Area	11,757
Households on Public Assistance	299
Persons With Low Income	14,591
Percent With Low Income	61%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	807 (3%)
Minors 17 years and younger	2,773 (11%)
Adults 18 years and older	22,369 (89%)
Seniors 65 years and older	6,733 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,068 (56%)
African-American	0 (0%)
Hispanic-Origin	24,843 (99%)
Asian	74 (0%)
Hawaiian/Pacific Islander	27 (0%)
American Indian	95 (0%)
Other/Multiracial	4,556 (18%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,244 (11.63%)
9th through 12th Grade	908 (4.7%)
High School Diploma	2,932 (15.19%)
Some College/2-year	1,402 (7.26%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	9,822 (50.89%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.402678
Center Longitude	-66.056493
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,364 (37.13%)
\$15,000 - \$25,000	1,724 (14.67%)
\$25,000 - \$50,000	2,870 (24.42%)
\$50,000 - \$75,000	1,080 (9.19%)
Greater than \$75,000	1,714 (14.58%)



Detailed Facility Report

Facility Summary

CARIBBEAN DATA GROUP

**1129 MUNOZ RIVERA AVE, RIO PIEDRAS, PR
00925**

FRS (Facility Registry Service) ID: 110004891886

EPA Region: 02

Latitude: 18.399432

Longitude: -66.056004

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000001545)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004891886					N	18.399432	-66.056004
RCRAInfo	RCRA	PRR000001545	Other	Inactive ()			N	18.399432	-66.056004

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004891886	CARIBBEAN DATA GROUP	1129 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000001545	CARIBBEAN DATA GROUP	1129 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00925-2789	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000001545	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000001545)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

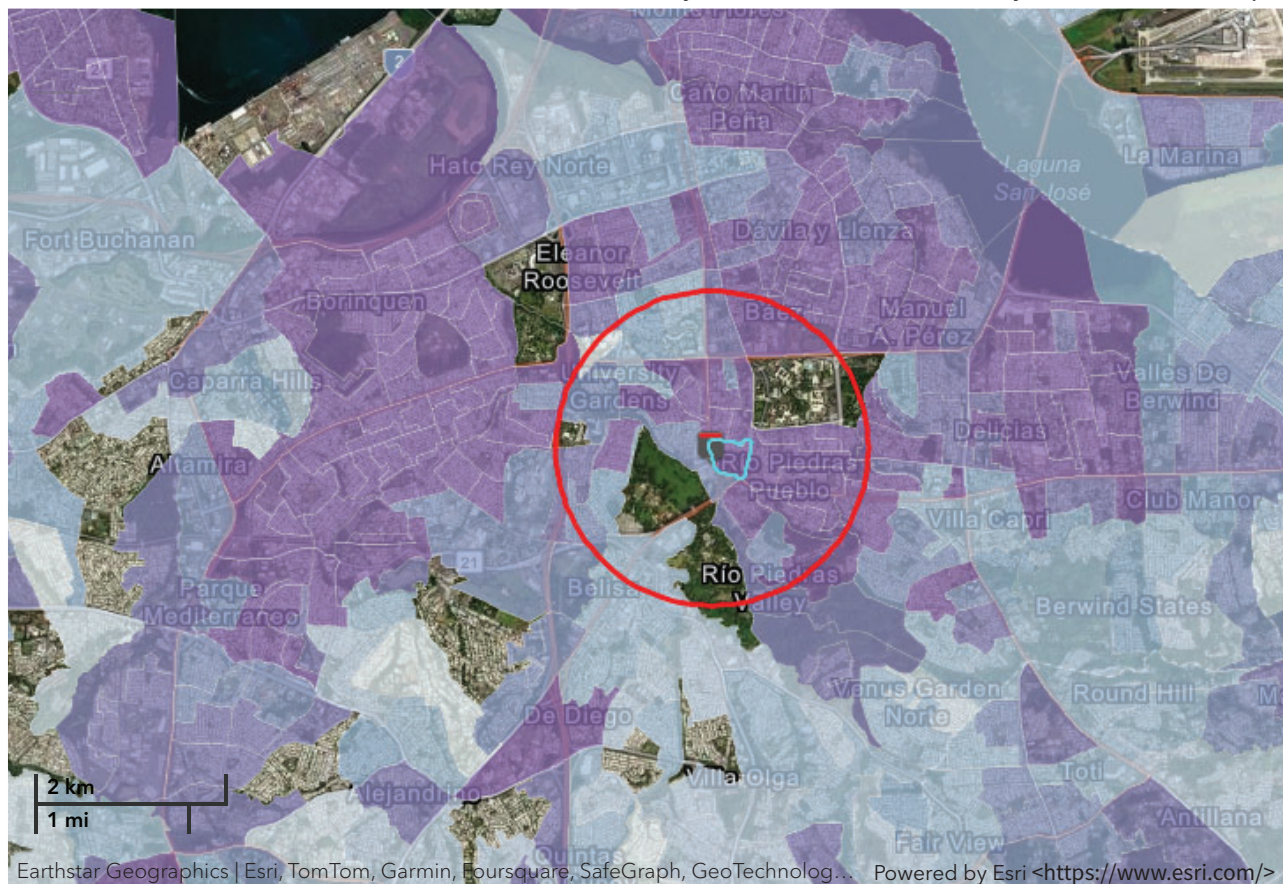
Census Block Group ID: 721270087003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	7	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	89	85	96	89	83	99
Air Toxics Cancer Risk	52	51	56	47	35	95
Air Toxics Respiratory Hazard Index	33	32	42	48	37	94
Toxic Releases to Air	94	92	99	43	39	65
Traffic Proximity	99	99	99	87	78	99
Lead Paint	99	98	99	85	73	99
Risk Management Plan (RMP) Facility Proximity	99	98	99	83	77	96

Census Block Group ID: 721270087003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	97	96	99	79	72	97
Superfund Proximity	92	90	98	30	27	43
Underground Storage Tanks (UST)	0	91	99	0	64	99
Wastewater Discharge	99	99	99	85	77	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	22,199
Population Density	7,125/sq.mi.
Housing Units in Area	15,242
Percent People of Color	99%
Households in Area	10,144
Households on Public Assistance	228
Persons With Low Income	12,894
Percent With Low Income	61%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.399432
Center Longitude	-66.056004
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	3,612 (35.62%)
\$15,000 - \$25,000	1,513 (14.92%)
\$25,000 - \$50,000	2,650 (26.13%)
\$50,000 - \$75,000	899 (8.87%)
Greater than \$75,000	1,466 (14.46%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	674 (3%)
Minors 17 years and younger	2,389 (11%)
Adults 18 years and older	19,807 (89%)
Seniors 65 years and older	5,861 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	12,410 (56%)
African-American	0 (0%)
Hispanic-Origin	21,921 (99%)
Asian	77 (0%)
Hawaiian/Pacific Islander	1 (0%)
American Indian	91 (0%)
Other/Multiracial	4,069 (18%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,003 (11.81%)
9th through 12th Grade	878 (5.17%)
High School Diploma	2,452 (14.45%)
Some College/2-year	1,226 (7.23%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	8,629 (50.86%)



Detailed Facility Report

Facility Summary

CARIBBEAN PETROLEUM LP SS GULF 024

**1007 MUNOZ RIVERA AVE, RIO PIEDRAS, PR
00926**

FRS (Facility Registry Service) ID: 110004894133

EPA Region: 02

Latitude: 18.40141

Longitude: -66.05632

Locational Data Source: ICIS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	10/18/2000
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000008961)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004894133					N	18.40141	-66.05632
ICIS		2600016591					N	18.40141	-66.05632
RCRAInfo	RCRA	PRR000008961	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004894133	CARIBBEAN PETROLEUM LP SS GULF 024	1007 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00926	San Juan Municipio
ICIS		2600016591	GULF #24	AVE. MUNOZ RIVERA, #1007, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000008961	CARIBBEAN PETROLEUM LP SS GULF 024	MUNOZ RIVERA AVE 1007, RIO PIEDRAS, PR 00926	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000008961	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000008961)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

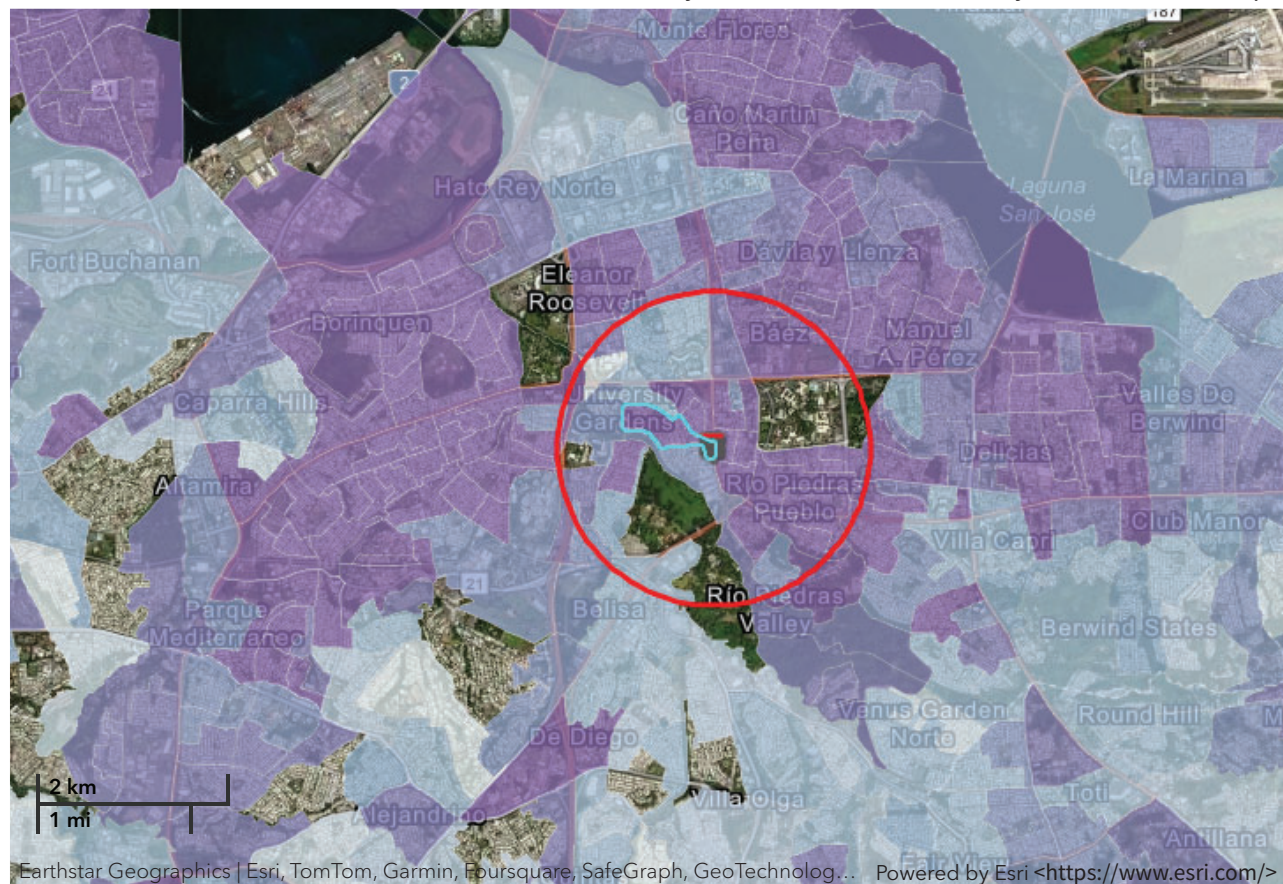
Census Block Group ID: 721270086012	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	7	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	84	85	96	80	83	99
Air Toxics Cancer Risk	51	34	56	31	0	95
Air Toxics Respiratory Hazard Index	31	32	42	32	37	94
Toxic Releases to Air	90	92	99	35	39	65

Census Block Group ID: 721270086012	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	97	99	99	67	78	99
Lead Paint	93	98	99	63	72	99
Risk Management Plan (RMP) Facility Proximity	98	98	99	75	77	97
Hazardous Waste Proximity	95	96	99	69	73	97
Superfund Proximity	88	90	98	28	27	43
Underground Storage Tanks (UST)	96	93	99	71	65	99
Wastewater Discharge	99	99	99	74	78	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S.

Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	24,132
Population Density	7,744/sq.mi.
Housing Units in Area	16,512
Percent People of Color	99%
Households in Area	11,117
Households on Public Assistance	267
Persons With Low Income	13,878
Percent With Low Income	60%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	777 (3%)
Minors 17 years and younger	2,648 (11%)
Adults 18 years and older	21,486 (89%)
Seniors 65 years and older	6,424 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	13,586 (56%)
African-American	0 (0%)
Hispanic-Origin	23,843 (99%)
Asian	79 (0%)
Hawaiian/Pacific Islander	13 (0%)
American Indian	94 (0%)
Other/Multiracial	4,300 (18%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,177 (11.76%)
9th through 12th Grade	905 (4.89%)
High School Diploma	2,694 (14.56%)
Some College/2-year	1,327 (7.17%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	9,465 (51.15%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40141
Center Longitude	-66.05632
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,001 (35.98%)
\$15,000 - \$25,000	1,619 (14.56%)
\$25,000 - \$50,000	2,817 (25.33%)
\$50,000 - \$75,000	1,016 (9.14%)
Greater than \$75,000	1,667 (14.99%)



Detailed Facility Report

Facility Summary

CMS DR JAVIER JAVIER ANTON

**#1 PINERO ST COR VALLEJO ST, RIO
PIEDRAS, PR 00928**

FRS (Facility Registry Service) ID: 110007813143

EPA Region: 02

Latitude: 18.39687

Longitude: -66.051867

Locational Data Source: RCRAINFO

Industries: Executive, Legislative, and Other General
Government Support

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	12/08/2005
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRD987381563)

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):

No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007813143					N	18.39687	-66.051867
RCRAInfo	RCRA	PRD987381563	VSQG	Active (H)			N	18.39687	-66.051867

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007813143	CMS DR JAVIER JAVIER ANTON	#1 PINERO ST COR VALLEJO ST, RIO PIEDRAS, PR 00928	San Juan Municipio
RCRAInfo	RCRA	PRD987381563	CMS DR JAVIER JAVIER ANTON	#1 PINERO ST COR VALLEJO ST, RIO PIEDRAS, PR 00928	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRD987381563	92119	Other General Government Support

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987381563	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD987381563)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	--------------	-----------	----------------	----------	-------------	-----------	--------------------	----------------------	-------------------------	--------------------------	-------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

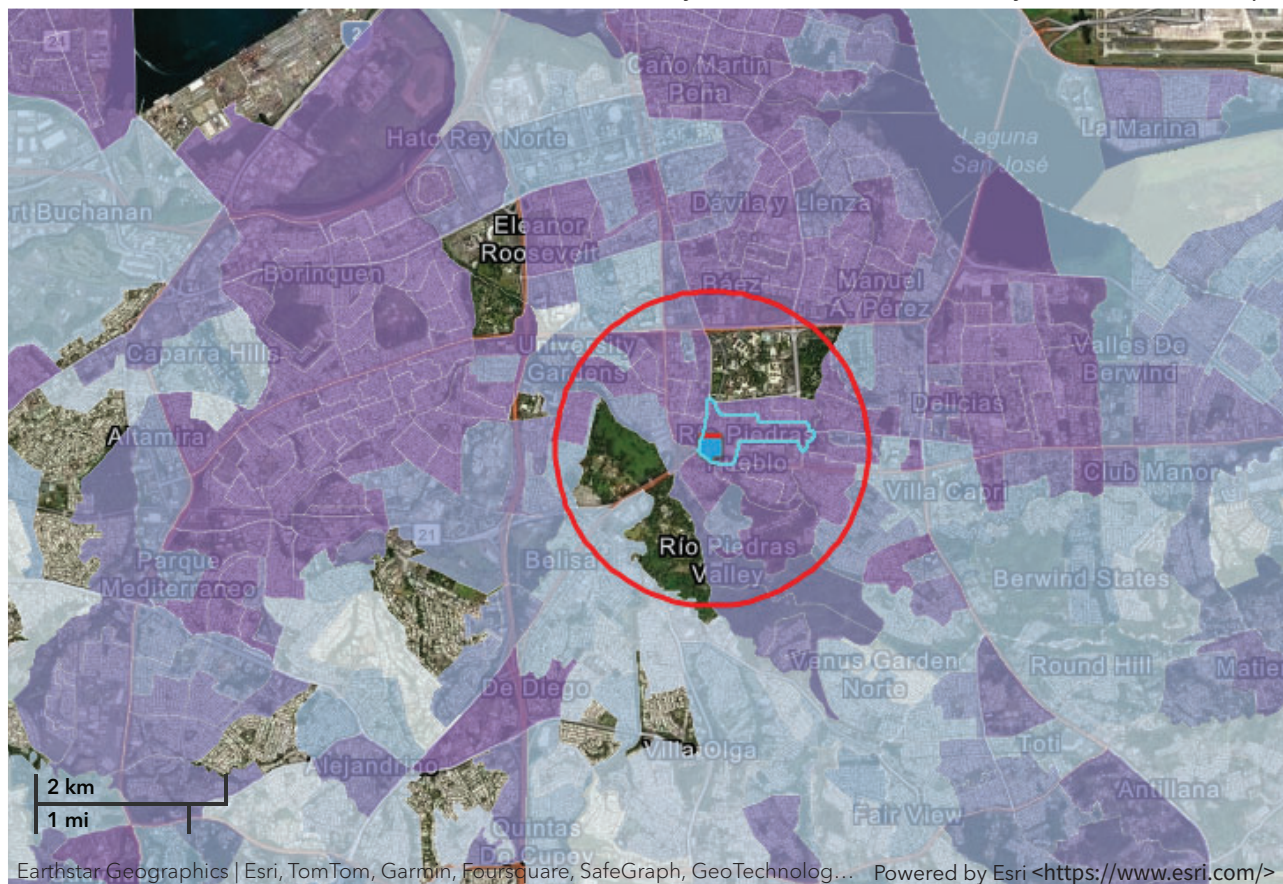
Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	5	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	📍 91	88	📍 96	📍 94	📍 90	📍 99
Air Toxics Cancer Risk	53	34	56	65	0	📍 95
Air Toxics Respiratory Hazard Index	36	34	42	66	53	📍 94
Toxic Releases to Air	📍 96	📍 95	📍 99	50	45	65
Traffic Proximity	📍 99	📍 99	📍 99	📍 93	86	📍 99
Lead Paint	📍 99	📍 99	📍 99	📍 93	82	📍 99
Risk Management Plan (RMP) Facility Proximity	📍 99	📍 99	📍 99	86	82	📍 96

Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	98	97	99	85	81	97
Superfund Proximity	95	93	98	31	29	39
Underground Storage Tanks (UST)	99	96	99	92	71	99
Wastewater Discharge	99	99	99	90	86	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	20,481
Population Density	6,574/sq.mi.
Housing Units in Area	14,263
Percent People of Color	99%
Households in Area	9,253
Households on Public Assistance	291
Persons With Low Income	13,620
Percent With Low Income	70%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.39687
Center Longitude	-66.051867
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	3,853 (41.67%)
\$15,000 - \$25,000	1,500 (16.22%)
\$25,000 - \$50,000	2,370 (25.63%)
\$50,000 - \$75,000	665 (7.19%)
Greater than \$75,000	859 (9.29%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	506 (2%)
Minors 17 years and younger	2,360 (12%)
Adults 18 years and older	18,119 (88%)
Seniors 65 years and older	5,307 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	10,697 (52%)
African-American	0 (0%)
Hispanic-Origin	20,187 (99%)
Asian	70 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	95 (0%)
Other/Multiracial	4,154 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,245 (14.64%)
9th through 12th Grade	1,017 (6.63%)
High School Diploma	2,580 (16.83%)
Some College/2-year	1,309 (8.54%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,266 (40.86%)



Detailed Facility Report

Facility Summary

COLEGIO SAN JOSE

**CALLE AMEZQUITA ESQUINA PAZ, RIO
PIEDRAS, PR 00925**

FRS (Facility Registry Service) ID: 110007811653

EPA Region: 02

Latitude: 18.396483

Longitude: -66.046923

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	10/17/1997
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRD987375086)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007811653					N	18.396483	-66.046923
RCRAInfo	RCRA	PRD987375086	Other	Inactive ()			N	18.396483	-66.046923

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007811653	COLEGIO SAN JOSE	CALLE AMEZQUITA ESQUINA PAZ, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRD987375086	COLEGIO SAN JOSE	CALLE AMEZQUITA ESQUINA PAZ, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987375086	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD987375086)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

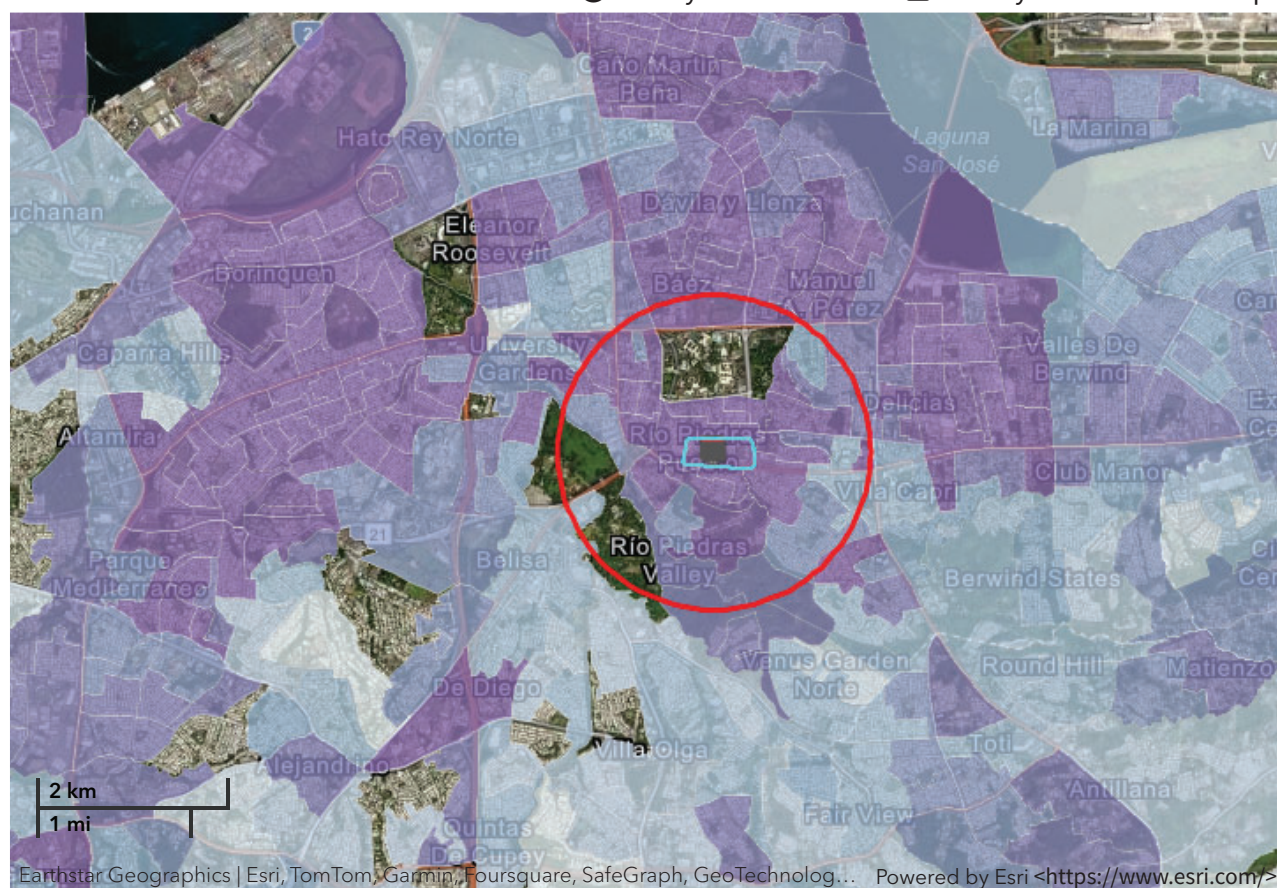
Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	9	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	96	88	96	99	90	99
Air Toxics Cancer Risk	56	52	56	95	53	95
Air Toxics Respiratory Hazard Index	42	34	42	94	54	94
Toxic Releases to Air	99	95	99	64	47	65
Traffic Proximity	99	99	99	99	86	99
Lead Paint	99	99	99	99	83	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	96	82	96

Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	97	80	97
Superfund Proximity	98	93	98	39	28	39
Underground Storage Tanks (UST)	99	94	99	99	66	99
Wastewater Discharge	99	99	99	98	86	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	23,087
Population Density	7,406/sq.mi.
Housing Units in Area	15,225
Percent People of Color	99%
Households in Area	10,119
Households on Public Assistance	314
Persons With Low Income	15,495
Percent With Low Income	71%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.396483
Center Longitude	-66.046923
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,128 (40.79%)
\$15,000 - \$25,000	1,668 (16.48%)
\$25,000 - \$50,000	2,620 (25.89%)
\$50,000 - \$75,000	749 (7.4%)
Greater than \$75,000	956 (9.45%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	626 (3%)
Minors 17 years and younger	2,824 (12%)
Adults 18 years and older	20,258 (88%)
Seniors 65 years and older	6,045 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	12,197 (53%)
African-American	0 (0%)
Hispanic-Origin	22,763 (99%)
Asian	62 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	86 (0%)
Other/Multiracial	4,531 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,522 (14.61%)
9th through 12th Grade	1,183 (6.85%)
High School Diploma	3,120 (18.07%)
Some College/2-year	1,681 (9.73%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,527 (37.8%)



Detailed Facility Report

Facility Summary

ESCUELA SUPERIOR RAMON VILA MAYO

**AVE GANDARA ESQUINA CALLE, RIO
PIEDRAS, PR 00936**

FRS (Facility Registry Service) ID: 110064658623

EPA Region: 02

Latitude: 18.401706

Longitude: -66.045275

Locational Data Source: RCRAINFO

Industries: Educational Services

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active

Other, (PRR000025106)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110064658623					N	18.401706	-66.045275
RCRAInfo	RCRA	PRR000025106	Other	Active (H)			N	18.401706	-66.045275

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110064658623	ESCUELA SUPERIOR RAMON VILA MAYO	AVE GANDARA ESQUINA CALLE, RIO PIEDRAS, PR 00936	San Juan Municipio
RCRAInfo	RCRA	PRR000025106	ESCUELA SUPERIOR RAMON VILA MAYO	AVE GANDARA ESQUINA CALLE, RIO PIEDRAS, PR 00936	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000025106	611110	Elementary and Secondary Schools

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000025106	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000025106)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

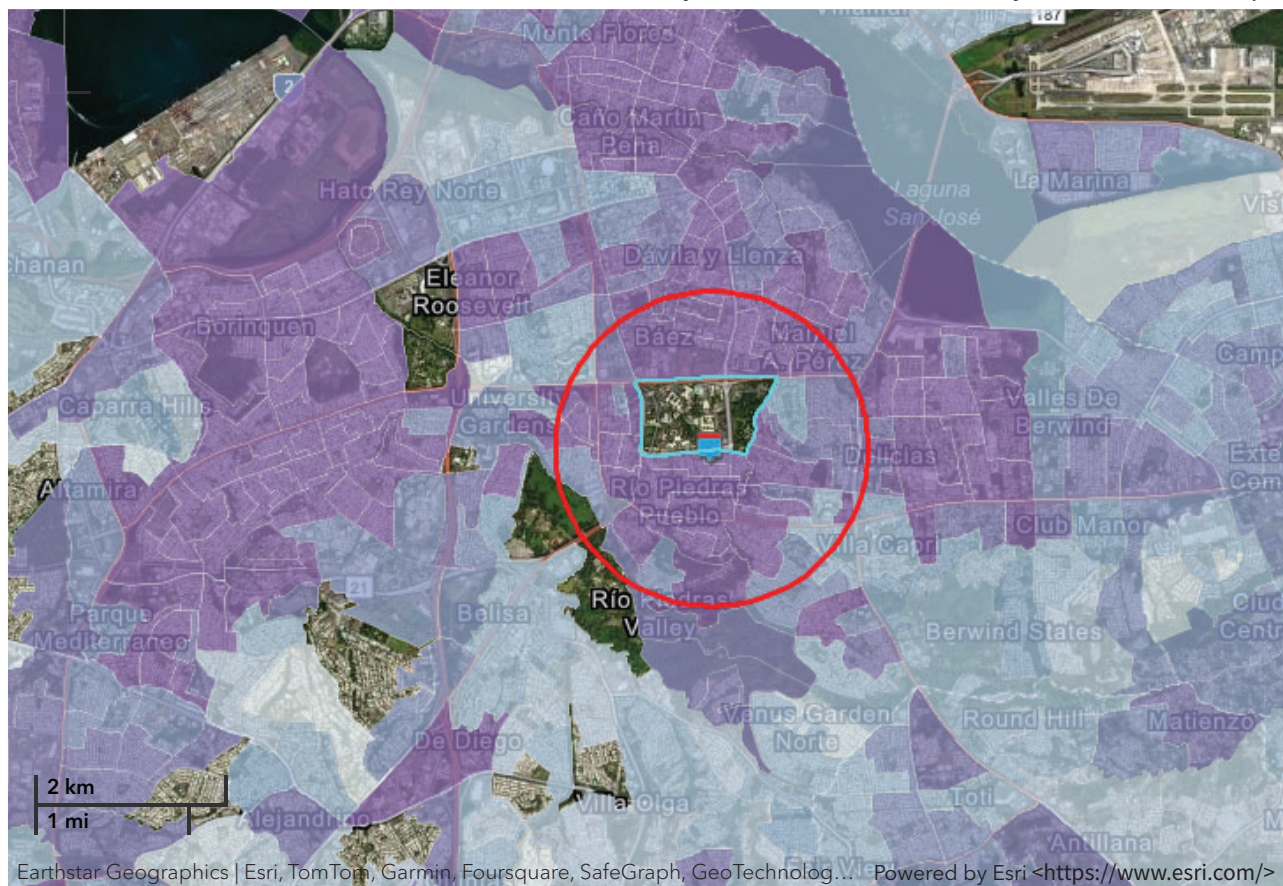
Census Block Group ID: 721270058004	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	0	8	9	0	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	21	89	<div><div></div></div> 96	13	<div><div></div></div> 93	<div><div></div></div> 99
Air Toxics Cancer Risk	10	35	56	0	0	<div><div></div></div> 95
Air Toxics Respiratory Hazard Index	6	35	42	0	61	<div><div></div></div> 94
Toxic Releases to Air	30	<div><div></div></div> 96	<div><div></div></div> 99	7	50	71
Traffic Proximity	51	<div><div></div></div> 99	<div><div></div></div> 99	15	87	<div><div></div></div> 99
Lead Paint	51	<div><div></div></div> 99	<div><div></div></div> 99	20	85	<div><div></div></div> 99
Risk Management Plan (RMP) Facility Proximity	47	<div><div></div></div> 99	<div><div></div></div> 99	11	85	<div><div></div></div> 97
Hazardous Waste Proximity	38	<div><div></div></div> 98	<div><div></div></div> 99	11	82	<div><div></div></div> 97
Superfund Proximity	25	<div><div></div></div> 94	<div><div></div></div> 98	4	29	39

Census Block Group ID: 721270058004	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Underground Storage Tanks (UST)	48	97	99	0	71	99
Wastewater Discharge	51	99	99	12	89	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	30,621
Population Density	9,821/sq.mi.
Housing Units in Area	19,830
Percent People of Color	99%
Households in Area	13,604
Households on Public Assistance	499
Persons With Low Income	22,050
Percent With Low Income	75%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.401706
Center Longitude	-66.045275
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	6,218 (45.71%)
\$15,000 - \$25,000	2,050 (15.07%)
\$25,000 - \$50,000	3,422 (25.16%)
\$50,000 - \$75,000	938 (6.9%)
Greater than \$75,000	975 (7.17%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	947 (3%)
Minors 17 years and younger	4,367 (14%)
Adults 18 years and older	26,254 (86%)
Seniors 65 years and older	7,472 (24%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	15,136 (49%)
African-American	0 (0%)
Hispanic-Origin	30,254 (99%)
Asian	56 (0%)
Hawaiian/Pacific Islander	22 (0%)
American Indian	101 (0%)
Other/Multiracial	7,165 (23%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	3,026 (13.49%)
9th through 12th Grade	1,487 (6.63%)
High School Diploma	4,582 (20.43%)
Some College/2-year	2,106 (9.39%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	8,066 (35.96%)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-014

**AVE MUNOZ RIVERA 1004, RIO PIEDRAS, PR
00927**

FRS (Facility Registry Service) ID: 110004892180

EPA Region: 02

Latitude: 18.402125

Longitude: -66.056455

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/03/1996
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000002469)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004892180					N	18.402125	-66.056455
RCRAInfo	RCRA	PRR000002469	Other	Inactive ()			N	18.402125	-66.056455

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892180	ESSO STANDARD OIL CO - PR CO-014	AVE MUNOZ RIVERA 1004, RIO PIEDRAS, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRR000002469	ESSO STANDARD OIL CO - PR CO-014	AVE MUNOZ RIVERA 1004, RIO PIEDRAS, PR 00927-5018	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000002469	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000002469)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

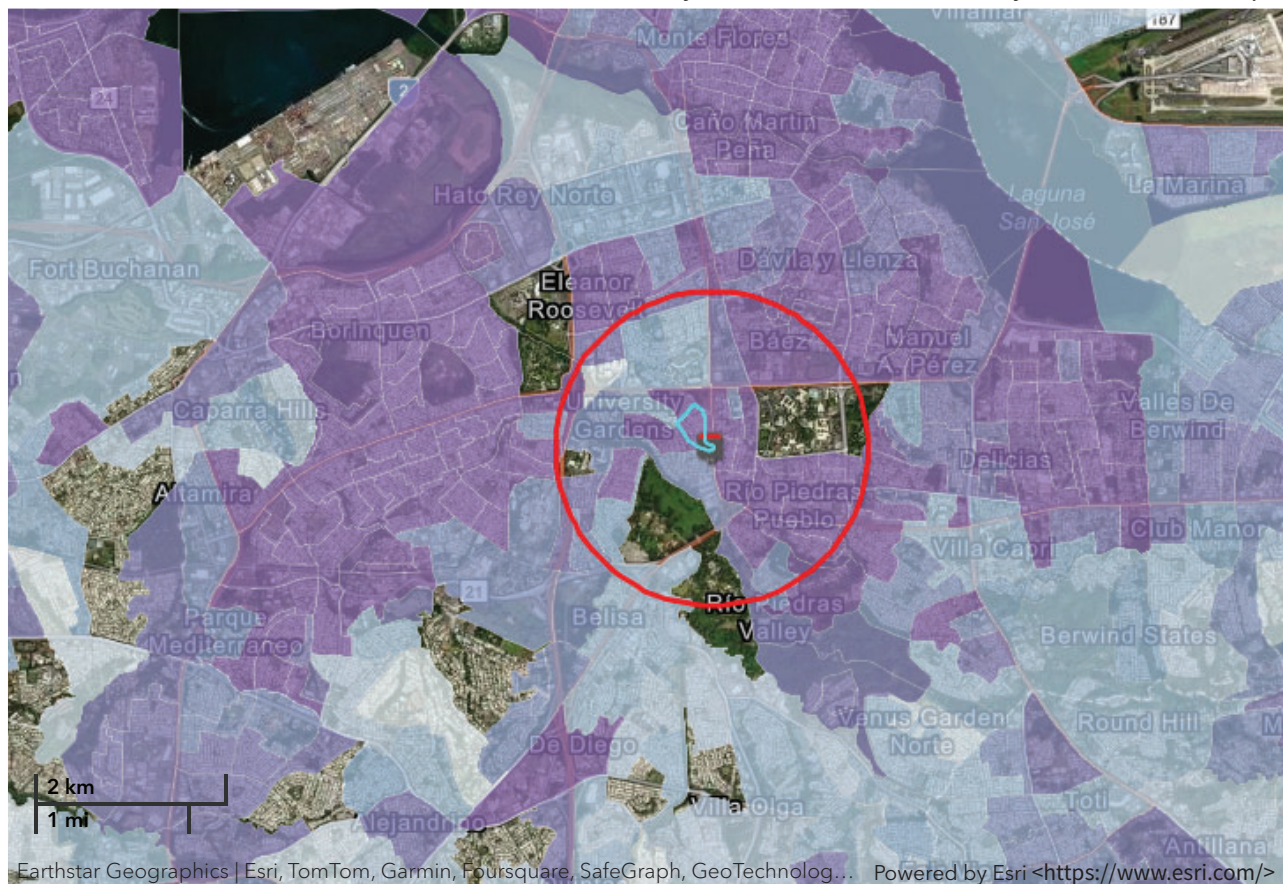
Census Block Group ID: 721270067021	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	5	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	77	85	96	65	83	99
Air Toxics Cancer Risk	49	34	56	23	0	95
Air Toxics Respiratory Hazard Index	29	32	42	25	37	94
Toxic Releases to Air	84	92	99	28	39	65
Traffic Proximity	96	99	99	63	78	99
Lead Paint	82	97	99	48	71	99
Risk Management Plan (RMP) Facility Proximity	95	98	99	61	77	97

Census Block Group ID: 721270067021	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	91	96	99	57	73	97
Superfund Proximity	82	90	98	23	27	43
Underground Storage Tanks (UST)	94	93	99	67	65	99
Wastewater Discharge	97	99	99	61	78	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	24,670
Population Density	7,916/sq.mi.
Housing Units in Area	17,003
Percent People of Color	99%
Households in Area	11,474
Households on Public Assistance	286
Persons With Low Income	14,235
Percent With Low Income	60%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	790 (3%)
Minors 17 years and younger	2,704 (11%)
Adults 18 years and older	21,965 (89%)
Seniors 65 years and older	6,608 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	13,853 (56%)
African-American	0 (0%)
Hispanic-Origin	24,374 (99%)
Asian	77 (0%)
Hawaiian/Pacific Islander	22 (0%)
American Indian	95 (0%)
Other/Multiracial	4,410 (18%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,217 (11.7%)
9th through 12th Grade	907 (4.79%)
High School Diploma	2,820 (14.88%)
Some College/2-year	1,373 (7.25%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	9,665 (51.01%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.402125
Center Longitude	-66.056455
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,207 (36.66%)
\$15,000 - \$25,000	1,673 (14.58%)
\$25,000 - \$50,000	2,846 (24.8%)
\$50,000 - \$75,000	1,056 (9.2%)
Greater than \$75,000	1,695 (14.77%)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO PR 3P-198

**1072 DE DIEGO ESQ BARBOSA, RIO PIEDRAS,
PR 00928**

FRS (Facility Registry Service) ID: 110021015202

EPA Region: 02

Latitude: 18.398403

Longitude: -66.043562

Locational Data Source: RCRAINFO

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000017582)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110021015202					N	18.398403	-66.043562
RCRAInfo	RCRA	PRR000017582	VSQG	Active (H)			N	18.398403	-66.043562

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110021015202	ESSO STANDARD OIL CO PR 3P-198	1072 DE DIEGO ESQ BARBOSA, RIO PIEDRAS, PR 00928	San Juan Municipio
RCRAInfo	RCRA	PRR000017582	ESSO STANDARD OIL CO PR 3P-198	1072 DE DIEGO ESQ BARBOSA, RIO PIEDRAS, PR 00928	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000017582	44719	Other Gasoline Stations

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000017582	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000017582)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

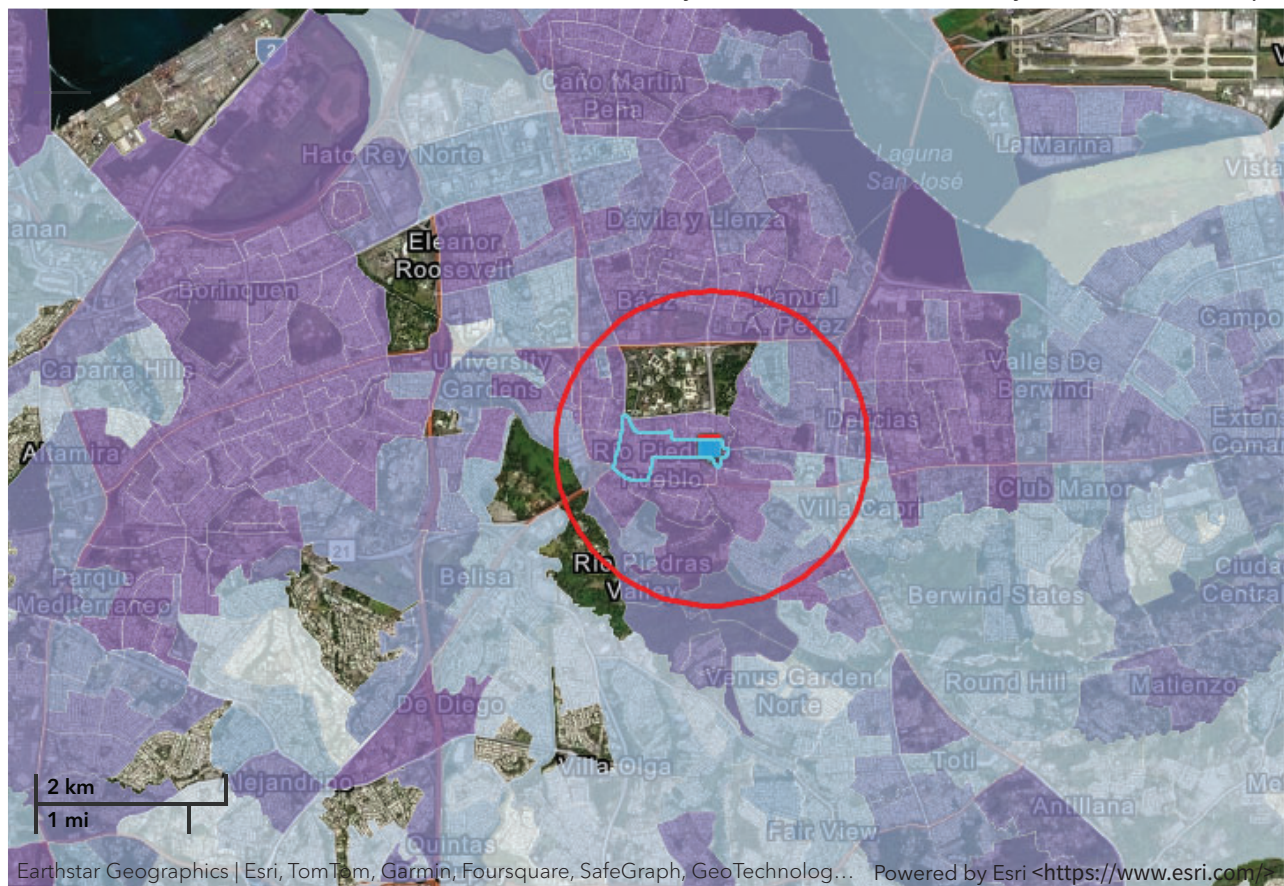
Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	5	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	📍 91	88	📍 96	📍 94	📍 91	📍 99
Air Toxics Cancer Risk	53	35	56	65	0	📍 95
Air Toxics Respiratory Hazard Index	36	34	42	66	57	📍 94
Toxic Releases to Air	📍 96	📍 96	📍 99	50	49	71
Traffic Proximity	📍 99	📍 99	📍 99	📍 93	87	📍 99
Lead Paint	📍 99	📍 99	📍 99	📍 93	82	📍 99
Risk Management Plan (RMP) Facility Proximity	📍 99	📍 99	📍 99	86	83	📍 97

Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	98	97	99	85	78	97
Superfund Proximity	95	93	98	31	27	39
Underground Storage Tanks (UST)	99	91	99	92	64	99
Wastewater Discharge	99	99	99	90	88	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	28,539
Population Density	9,149/sq.mi.
Housing Units in Area	17,987
Percent People of Color	99%
Households in Area	12,316
Households on Public Assistance	421
Persons With Low Income	19,819
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.398403
Center Longitude	-66.043562
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	5,280 (42.86%)
\$15,000 - \$25,000	1,959 (15.9%)
\$25,000 - \$50,000	3,082 (25.02%)
\$50,000 - \$75,000	944 (7.66%)
Greater than \$75,000	1,053 (8.55%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	834 (3%)
Minors 17 years and younger	4,165 (15%)
Adults 18 years and older	24,374 (85%)
Seniors 65 years and older	7,176 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,831 (52%)
African-American	0 (0%)
Hispanic-Origin	28,189 (99%)
Asian	56 (0%)
Hawaiian/Pacific Islander	6 (0%)
American Indian	86 (0%)
Other/Multiracial	5,828 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,789 (13.33%)
9th through 12th Grade	1,443 (6.9%)
High School Diploma	4,136 (19.78%)
Some College/2-year	2,233 (10.68%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,547 (36.08%)



Detailed Facility Report

Facility Summary

FARMACIA EL AMAL #27

79 ARZUAGA ST, RIO PIEDRAS, PR 00925

FRS (Facility Registry Service) ID: 110006537756

EPA Region: 02

Latitude: 18.39777

Longitude: -66.04983

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000013888)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006537756					N	18.39777	-66.04983
RCRAInfo	RCRA	PRR000013888	VSQG	Active (H)			N	18.397873	-66.050256

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006537756	FARMACIA EL AMAL #27	79 ARZUAGA ST, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000013888	FARMACIA EL AMAL #27	79 ARZUAGA ST, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000013888	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000013888)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

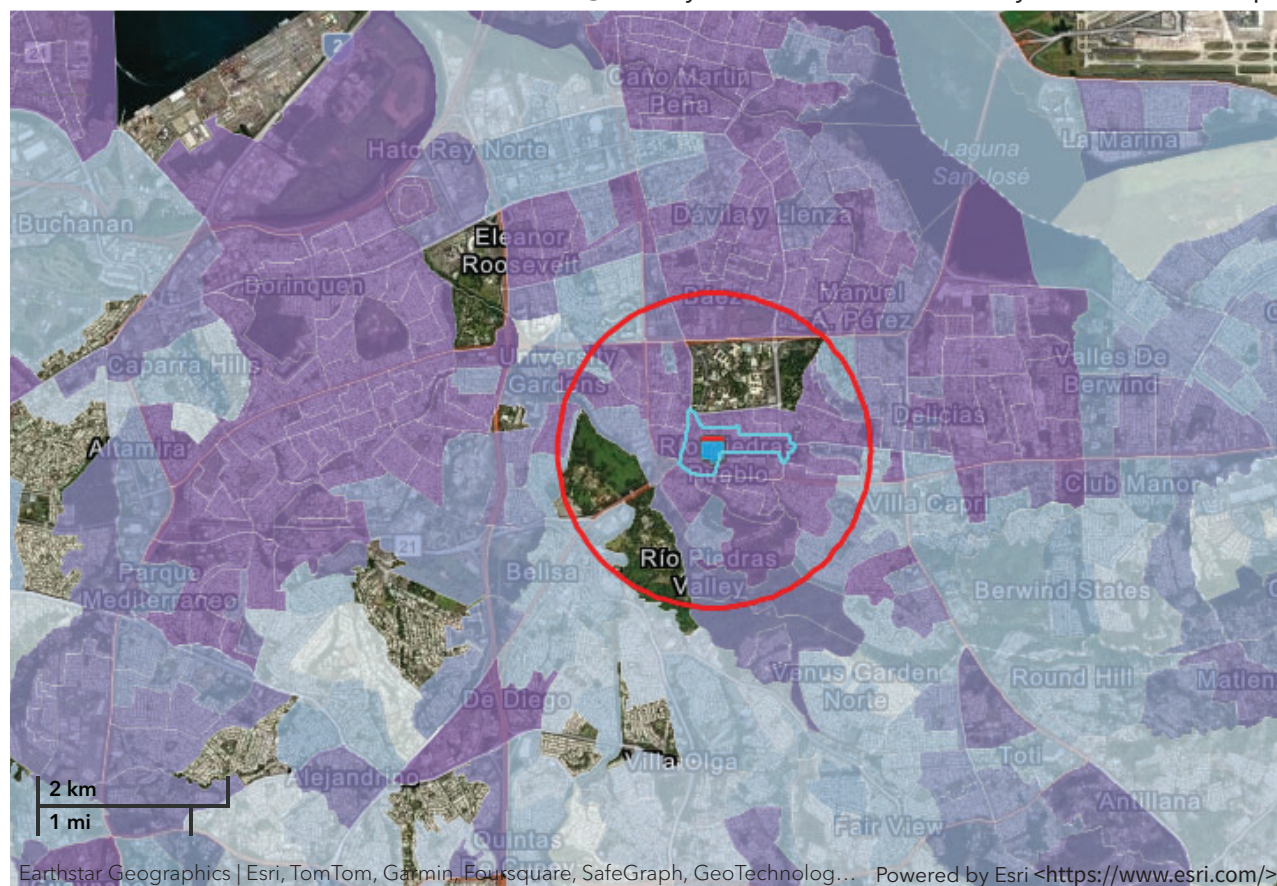
Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	5	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	91	89	96	94	91	99
Air Toxics Cancer Risk	53	35	56	65	0	95
Air Toxics Respiratory Hazard Index	36	34	42	66	57	94
Toxic Releases to Air	96	95	99	50	47	65
Traffic Proximity	99	99	99	93	87	99
Lead Paint	99	99	99	93	85	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	86	84	96

Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	98	97	99	85	82	97
Superfund Proximity	95	93	98	31	29	39
Underground Storage Tanks (UST)	99	96	99	92	71	99
Wastewater Discharge	99	99	99	90	88	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	21,776	Children 5 years and younger	504 (2%)
Population Density	6,989/sq.mi.	Minors 17 years and younger	2,506 (12%)
Housing Units in Area	14,917	Adults 18 years and older	19,271 (89%)
Percent People of Color	99%	Seniors 65 years and older	5,681 (26%)
Households in Area	9,754		
Households on Public Assistance	327	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	14,497	White	11,470 (53%)
Percent With Low Income	70%	African-American	0 (0%)
		Hispanic-Origin	21,464 (99%)
		Asian	68 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	100 (0%)
		Other/Multiracial	4,415 (20%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	2,414 (14.74%)
Center Latitude	18.39777	9th through 12th Grade	1,104 (6.74%)
Center Longitude	-66.04983	High School Diploma	2,823 (17.24%)
Land Area	100%	Some College/2-year	1,442 (8.81%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,542 (39.95%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	4,023 (41.23%)		
\$15,000 - \$25,000	1,581 (16.2%)		
\$25,000 - \$50,000	2,515 (25.78%)		
\$50,000 - \$75,000	720 (7.38%)		
Greater than \$75,000	918 (9.41%)		



Detailed Facility Report

Facility Summary

GOMEZ HERMANOS METRO INC

**AVE MUNOZ RIVERA #1088, RIO PIEDRAS,
PR 00927**

FRS (Facility Registry Service) ID: 110004892153

EPA Region: 02

Latitude: 18.397971

Longitude: -66.055856

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000002386)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004892153					N	18.397971	-66.055856
RCRAInfo	RCRA	PRR000002386	VSQG	Active (H)			N	18.397971	-66.055856

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892153	GOMEZ HERMANOS METRO INC	AVE MUNOZ RIVERA #1088, RIO PIEDRAS, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRR000002386	GOMEZ HERMANOS METRO INC	AVE MUNOZ RIVERA #1088, RIO PIEDRAS, PR 00927-5016	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000002386	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000002386)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 8/10/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000002386	Hazardous Waste	2,523	2,088	1,986	583
PRR000002386	Acute Hazardous Waste	0	0	0	0
PRR000002386	Pharmaceutical Hazardous Waste	0	0	0	0

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721270086013	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	82	86	96	75	85	99
Air Toxics Cancer Risk	50	34	56	28	0	95
Air Toxics Respiratory Hazard Index	31	32	42	29	40	94
Toxic Releases to Air	88	93	99	32	41	65
Traffic Proximity	94	99	99	52	81	99
Lead Paint	91	98	99	59	76	99
Risk Management Plan (RMP) Facility Proximity	97	99	99	71	78	96
Hazardous Waste Proximity	94	96	99	65	76	97
Superfund Proximity	86	91	98	25	28	39
Underground Storage Tanks (UST)	96	92	99	72	64	99
Wastewater Discharge	98	99	99	69	80	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group

2 km
1 mi

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	20,486
Population Density	6,577/sq.mi.
Housing Units in Area	14,316
Percent People of Color	99%
Households in Area	9,409
Households on Public Assistance	220
Persons With Low Income	12,364
Percent With Low Income	63%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.397971
Center Longitude	-66.055856
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	3,514 (37.35%)
\$15,000 - \$25,000	1,460 (15.52%)
\$25,000 - \$50,000	2,446 (26%)
\$50,000 - \$75,000	799 (8.49%)
Greater than \$75,000	1,190 (12.65%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	553 (3%)
Minors 17 years and younger	2,145 (10%)
Adults 18 years and older	18,341 (90%)
Seniors 65 years and older	5,427 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	11,205 (55%)
African-American	0 (0%)
Hispanic-Origin	20,218 (99%)
Asian	60 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	90 (0%)
Other/Multiracial	3,901 (19%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,892 (12.1%)
9th through 12th Grade	846 (5.41%)
High School Diploma	2,367 (15.14%)
Some College/2-year	1,178 (7.54%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,664 (49.03%)



Detailed Facility Report

Facility Summary

HATO REY HEMATOLOGY ONCOLOGY GROUP

735 PONCE DE LEON AVE, SAN JUAN, PR 00917

FRS (Facility Registry Service) ID: 110037441792

EPA Region: 02

Latitude: 18.40866

Longitude: -66.05296

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRN008019408)

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):

No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110037441792					N	18.40866	-66.05296
RCRAInfo	RCRA	PRN008019408	Other	Inactive ()			N	18.409064	-66.053075

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110037441792	HATO REY HEMATOLOGY ONCOLOGY GROUP	735 PONCE DE LEON AVE, SAN JUAN, PR 00917	San Juan Municipio
RCRAInfo	RCRA	PRN008019408	HATO REY HEMATOLOGY ONCOLOGY GROUP	735 PONCE DE LEON AVE, SAN JUAN, PR 00917	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008019408	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008019408)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	--------------	-----------	----------------	----------	-------------	-----------	--------------------	----------------------	-------------------------	--------------------------	-------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
-------	--------------	--------------------	----------------------	-----------------	-----------------------	--------------------	----------------	----------------------	----------------	-----------

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

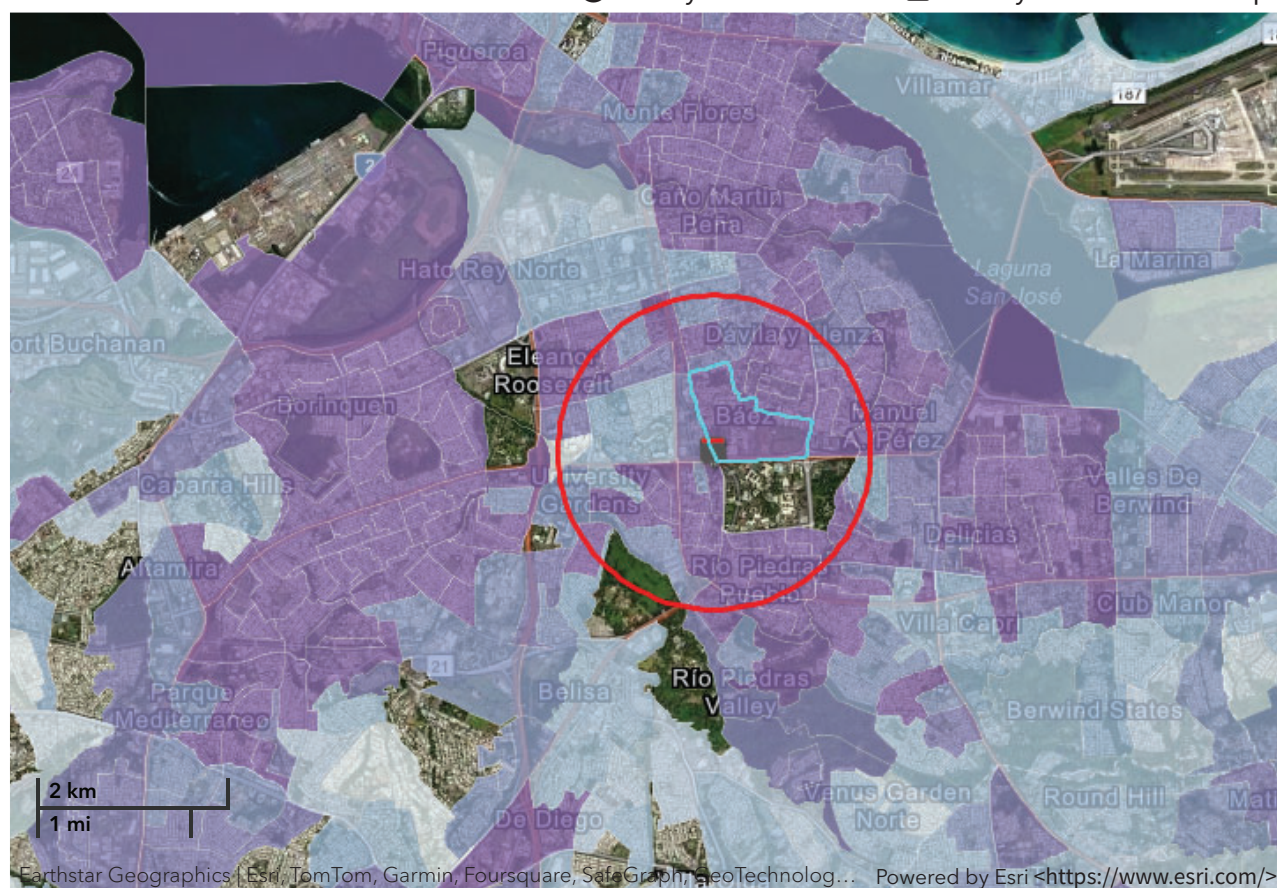
Census Block Group ID: 721270061021	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	1	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	90	86	96	91	86	99
Air Toxics Cancer Risk	52	34	56	53	0	95
Air Toxics Respiratory Hazard Index	34	33	42	55	43	94
Toxic Releases to Air	95	93	99	46	43	65
Traffic Proximity	99	99	99	82	78	99
Lead Paint	98	98	99	82	76	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	85	81	97

Census Block Group ID: 721270061021	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	98	97	99	87	78	97
Superfund Proximity	93	91	98	30	28	39
Underground Storage Tanks (UST)	99	98	99	89	78	99
Wastewater Discharge	99	99	99	89	83	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	29,038
Population Density	9,307/sq.mi.
Housing Units in Area	20,026
Percent People of Color	99%
Households in Area	13,371
Households on Public Assistance	320
Persons With Low Income	18,384
Percent With Low Income	66%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40866
Center Longitude	-66.05296
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	5,420 (40.53%)
\$15,000 - \$25,000	2,061 (15.41%)
\$25,000 - \$50,000	2,986 (22.33%)
\$50,000 - \$75,000	1,231 (9.21%)
Greater than \$75,000	1,675 (12.53%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	888 (3%)
Minors 17 years and younger	3,551 (12%)
Adults 18 years and older	25,494 (88%)
Seniors 65 years and older	7,381 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	15,658 (54%)
African-American	0 (0%)
Hispanic-Origin	28,688 (99%)
Asian	50 (0%)
Hawaiian/Pacific Islander	35 (0%)
American Indian	84 (0%)
Other/Multiracial	6,189 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,583 (11.78%)
9th through 12th Grade	1,079 (4.92%)
High School Diploma	3,895 (17.77%)
Some College/2-year	1,656 (7.55%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	10,141 (46.25%)



Detailed Facility Report

Facility Summary

LOS GEMELOS AUTO SALES

1055 BARBOSA AVE, SAN JUAN, PR 00923

FRS (Facility Registry Service) ID: 110024444911

EPA Region: 02

Latitude: 18.39996

Longitude: -66.04339

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRN008015232)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110024444911					N	18.39996	-66.04339
RCRAInfo	RCRA	PRN008015232	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110024444911	LOS GEMELOS AUTO SALES	1055 BARBOSA AVE, SAN JUAN, PR 00923	San Juan Municipio
RCRAInfo	RCRA	PRN008015232	LOS GEMELOS AUTO SALES	1055 BARBOSA AVE, SAN JUAN, PR 00923	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008015232	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008015232)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

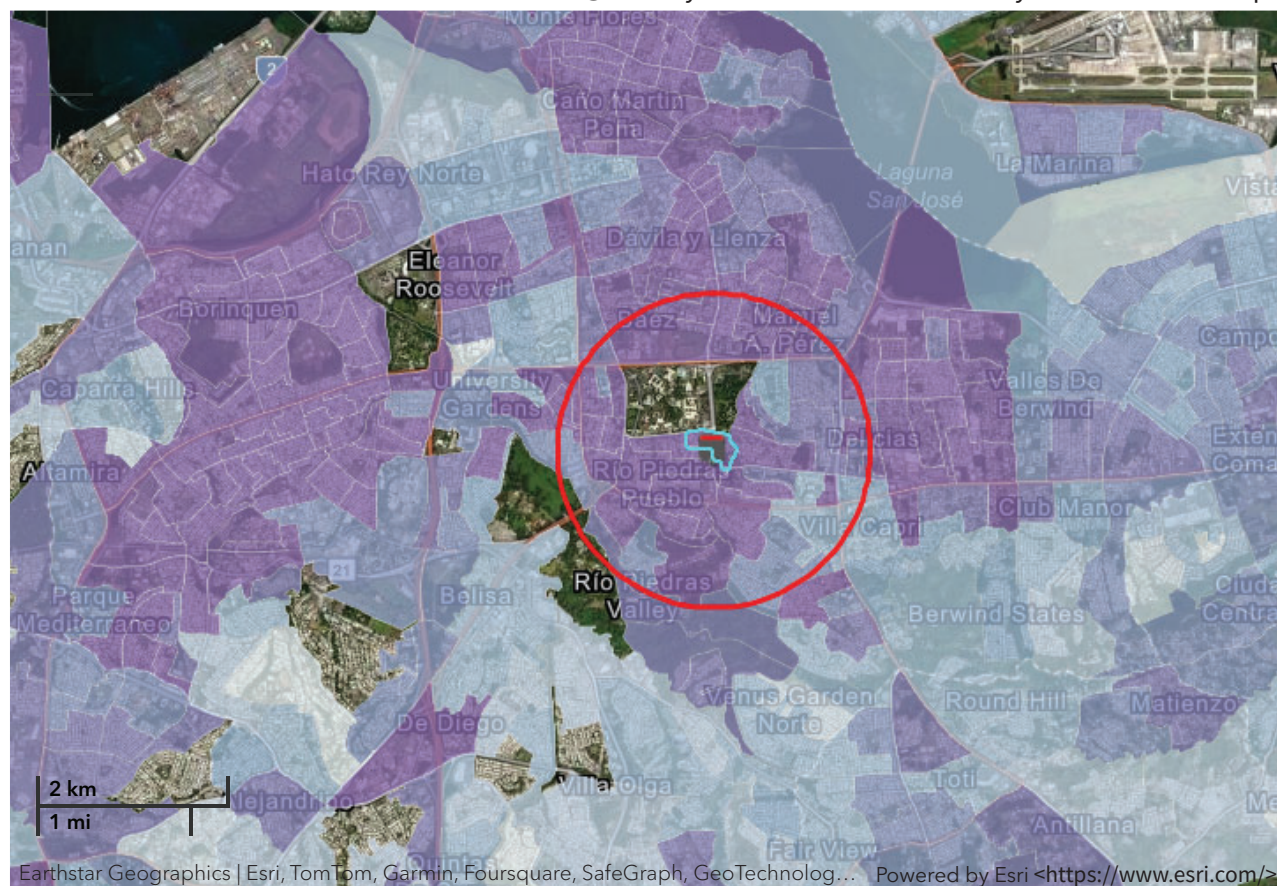
Census Block Group ID: 721270089001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	9	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	📍 96	88	📍 96	📍 99	📍 92	📍 99
Air Toxics Cancer Risk	55	53	56	📍 91	59	📍 95
Air Toxics Respiratory Hazard Index	40	35	42	📍 91	60	📍 94
Toxic Releases to Air	📍 99	📍 96	📍 99	63	50	71
Traffic Proximity	📍 99	📍 99	📍 99	📍 99	88	📍 99
Lead Paint	📍 99	📍 99	📍 99	📍 98	82	📍 99
Risk Management Plan (RMP) Facility Proximity	📍 99	📍 99	📍 99	📍 93	84	📍 97

Census Block Group ID: 721270089001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	95	79	97
Superfund Proximity	97	93	98	35	28	39
Underground Storage Tanks (UST)	99	93	99	98	64	99
Wastewater Discharge	99	99	99	97	89	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	30,454
Population Density	9,770/sq.mi.
Housing Units in Area	19,138
Percent People of Color	99%
Households in Area	13,246
Households on Public Assistance	500
Persons With Low Income	21,695
Percent With Low Income	74%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	978 (3%)
Minors 17 years and younger	4,655 (15%)
Adults 18 years and older	25,801 (85%)
Seniors 65 years and older	7,486 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	15,458 (51%)
African-American	0 (0%)
Hispanic-Origin	30,096 (99%)
Asian	56 (0%)
Hawaiian/Pacific Islander	18 (0%)
American Indian	92 (0%)
Other/Multiracial	6,621 (22%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	5,991 (45.22%)
\$15,000 - \$25,000	2,056 (15.52%)
\$25,000 - \$50,000	3,236 (24.42%)
\$50,000 - \$75,000	953 (7.19%)
Greater than \$75,000	1,013 (7.65%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,971 (13.44%)
9th through 12th Grade	1,532 (6.93%)
High School Diploma	4,506 (20.38%)
Some College/2-year	2,316 (10.48%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,764 (35.12%)



Detailed Facility Report

Facility Summary

OFICINA CENTRAL FARMACIA EL AMAL

**1086A MUNOZ RIVERA AVE, RIO PIEDRAS,
PR 00925**

FRS (Facility Registry Service) ID: 110004895917

EPA Region: 02

Latitude: 18.399872

Longitude: -66.056277

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000013359)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004895917					N	18.399872	-66.056277
RCRAInfo	RCRA	PRR000013359	VSQG	Active (H)			N	18.399872	-66.056277

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004895917	OFICINA CENTRAL FARMACIA EL AMAL	1086A MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000013359	OFICINA CENTRAL FARMACIA EL AMAL	1086A MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000013359	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000013359)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

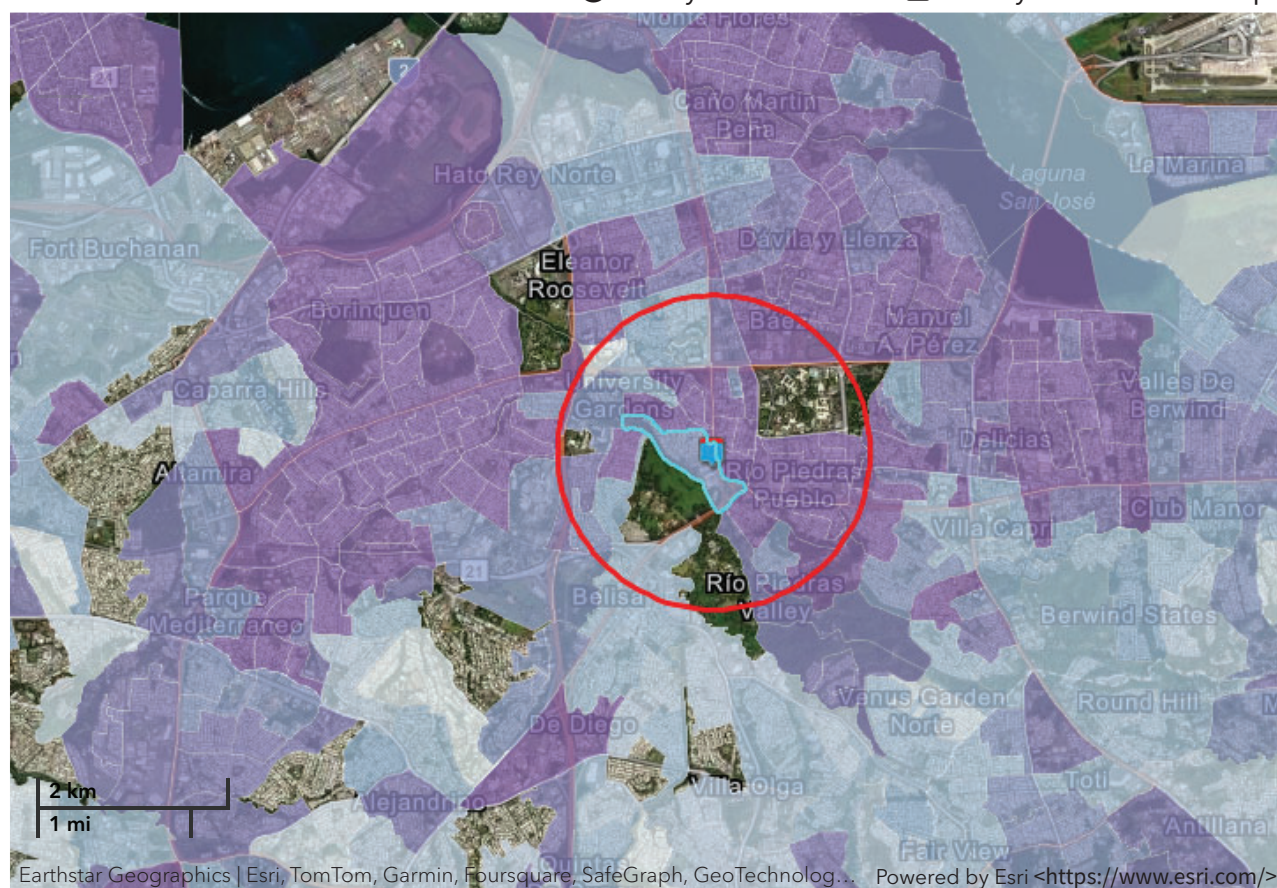
Census Block Group ID: 721270086013	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	82	85	96	75	83	99
Air Toxics Cancer Risk	50	34	56	28	0	95
Air Toxics Respiratory Hazard Index	31	32	42	29	36	94
Toxic Releases to Air	88	92	99	32	39	65
Traffic Proximity	94	99	99	52	78	99
Lead Paint	91	98	99	59	73	99
Risk Management Plan (RMP) Facility Proximity	97	98	99	71	76	96

Census Block Group ID: 721270086013	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	94	96	99	65	72	97
Superfund Proximity	86	90	98	25	27	43
Underground Storage Tanks (UST)	96	91	99	72	64	99
Wastewater Discharge	98	99	99	69	77	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	22,738
Population Density	7,298/sq.mi.
Housing Units in Area	15,558
Percent People of Color	99%
Households in Area	10,400
Households on Public Assistance	233
Persons With Low Income	13,073
Percent With Low Income	60%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	702 (3%)
Minors 17 years and younger	2,463 (11%)
Adults 18 years and older	20,275 (89%)
Seniors 65 years and older	5,999 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	12,787 (56%)
African-American	0 (0%)
Hispanic-Origin	22,454 (99%)
Asian	81 (0%)
Hawaiian/Pacific Islander	2 (0%)
American Indian	91 (0%)
Other/Multiracial	4,101 (18%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	3,672 (35.31%)
\$15,000 - \$25,000	1,535 (14.76%)
\$25,000 - \$50,000	2,705 (26.01%)
\$50,000 - \$75,000	936 (9%)
Greater than \$75,000	1,552 (14.92%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,032 (11.68%)
9th through 12th Grade	882 (5.07%)
High School Diploma	2,496 (14.35%)
Some College/2-year	1,244 (7.15%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	8,933 (51.35%)



Detailed Facility Report

Facility Summary

PRASA - SJ1A SAGRADO CORAZON FACILITY

**SAN JOSE ST VILLA PALMERAS, SAN JUAN,
PR 00925**

FRS (Facility Registry Service) ID: 110007822785

EPA Region: 02

Latitude: 18.39562

Longitude: -66.04411

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000012567)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007822785					N	18.39562	-66.04411
RCRAInfo	RCRA	PRR000012567	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007822785	PRASA - SJ1A SAGRADO CORAZON FACILITY	SAN JOSE ST VILLA PALMERAS, SAN JUAN, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000012567	PRASA - SJ1A SAGRADO CORAZON FACILITY	SAN JOSE ST VILLA PALMERAS, SAN JUAN, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000012567	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000012567)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

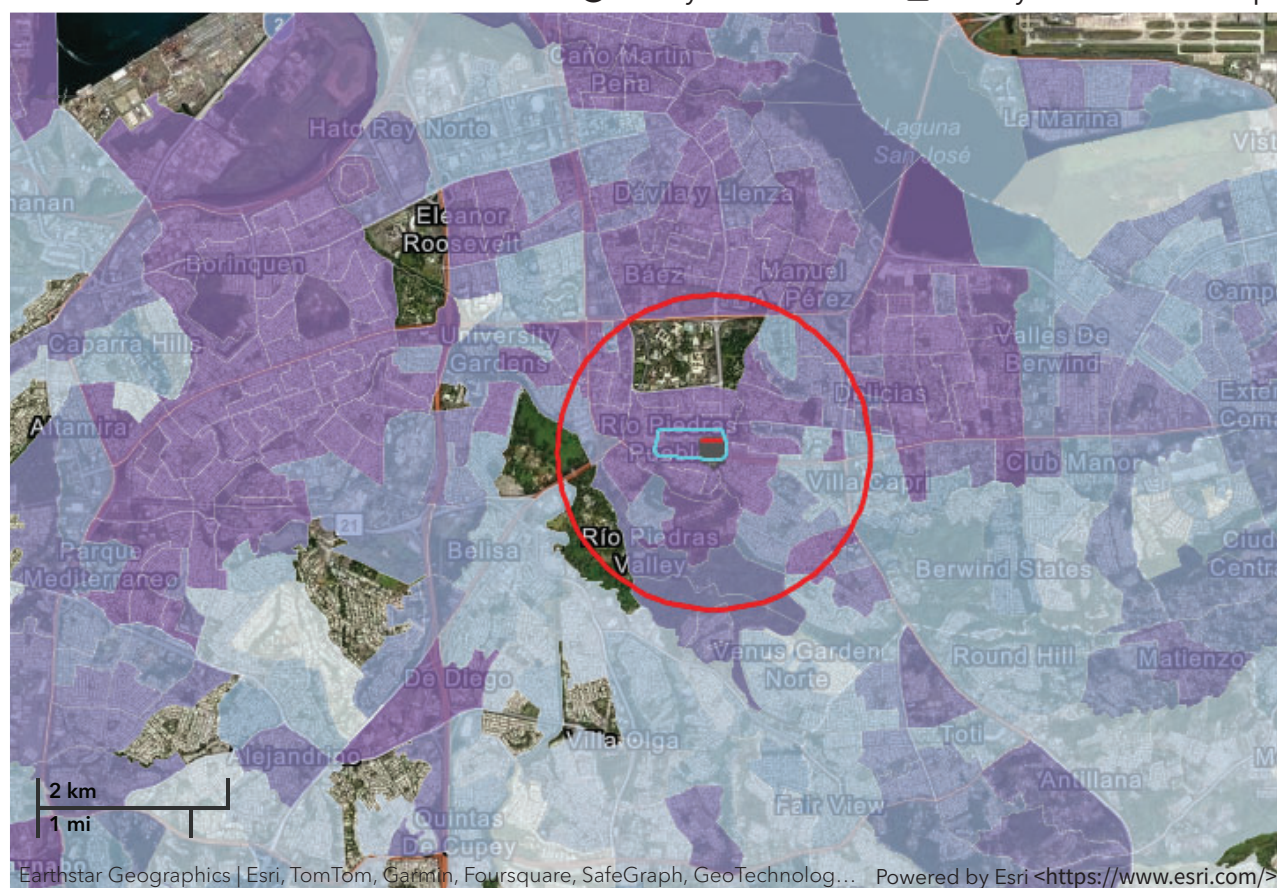
Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	9	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	96	87	96	99	90	99
Air Toxics Cancer Risk	56	52	56	95	53	95
Air Toxics Respiratory Hazard Index	42	34	42	94	54	94
Toxic Releases to Air	99	95	99	64	48	71
Traffic Proximity	99	99	99	99	85	99
Lead Paint	99	99	99	99	82	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	96	81	97

Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	97	78	97
Superfund Proximity	98	92	98	39	26	39
Underground Storage Tanks (UST)	99	90	99	99	63	99
Wastewater Discharge	99	99	99	98	86	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	24,883
Population Density	7,978/sq.mi.
Housing Units in Area	15,907
Percent People of Color	99%
Households in Area	10,703
Households on Public Assistance	313
Persons With Low Income	16,822
Percent With Low Income	71%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.39562
Center Longitude	-66.04411
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,302 (40.21%)
\$15,000 - \$25,000	1,738 (16.24%)
\$25,000 - \$50,000	2,732 (25.53%)
\$50,000 - \$75,000	891 (8.33%)
Greater than \$75,000	1,037 (9.69%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	760 (3%)
Minors 17 years and younger	3,321 (13%)
Adults 18 years and older	21,560 (87%)
Seniors 65 years and older	6,633 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	13,145 (53%)
African-American	0 (0%)
Hispanic-Origin	24,580 (99%)
Asian	58 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	74 (0%)
Other/Multiracial	4,711 (19%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,596 (13.98%)
9th through 12th Grade	1,292 (6.96%)
High School Diploma	3,519 (18.96%)
Some College/2-year	2,013 (10.84%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,690 (36.04%)



Detailed Facility Report

Facility Summary

PREPA SAN JUAN REGION

**PR-47 KM 0.5 CALLE DE DIEGO, RIO
PIEDRAS, PR 00926**

FRS (Facility Registry Service) ID: 110004894552

EPA Region: 02

Latitude: 18.399032

Longitude: -66.052302

Locational Data Source: FRS

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	09/20/1999
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000009928)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004894552					N	18.399032	-66.052302
RCRAInfo	RCRA	PRR000009928	Other	Inactive ()			N	18.398368	-66.045243

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004894552	PREPA SAN JUAN REGION	PR-47 KM 0.5 CALLE DE DIEGO, RIO PIEDRAS, PR 00926	San Juan Municipio
RCRAInfo	RCRA	PRR000009928	LUMA - SAN JUAN REGION	CARR 47 KM 0.5 CALLE DE DIEGO, RIO PIEDRAS, PR 00926	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000009928	22112	Electric Power Transmission, Control, and Distribution

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000009928	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000009928)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
No data records returned															

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
-------	--------------	--------------------	----------------------	-----------------	-----------------------	--------------------	----------------	----------------------	----------------	-----------

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

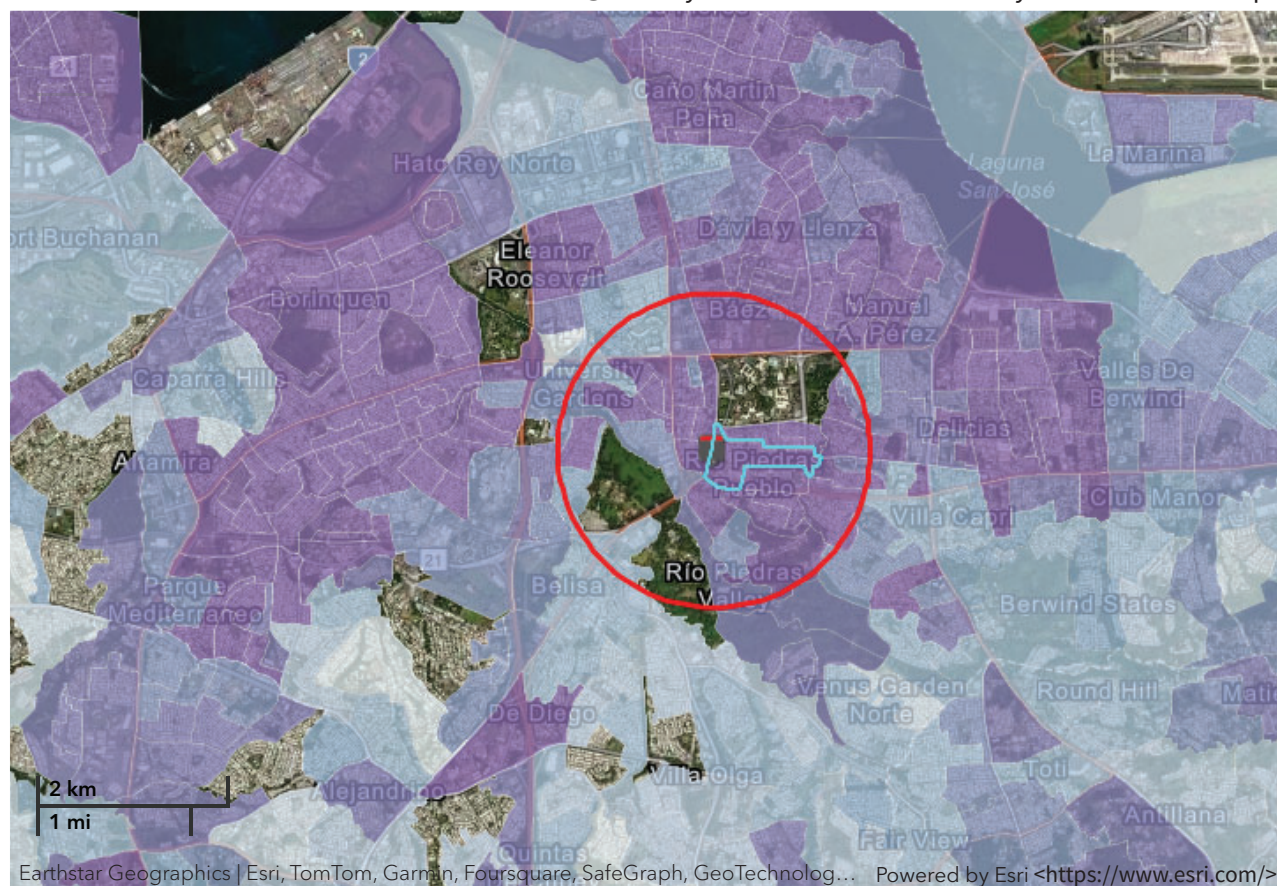
Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	5	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	91	88	96	94	89	99
Air Toxics Cancer Risk	53	34	56	65	0	95
Air Toxics Respiratory Hazard Index	36	34	42	66	50	94
Toxic Releases to Air	96	95	99	50	45	65

Census Block Group ID: 721270089003	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	99	99	99	93	84	99
Lead Paint	99	99	99	93	81	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	86	82	96
Hazardous Waste Proximity	98	97	99	85	80	97
Superfund Proximity	95	92	98	31	28	39
Underground Storage Tanks (UST)	99	96	99	92	71	99
Wastewater Discharge	99	99	99	90	85	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S.

Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	21,892
Population Density	7,026/sq.mi.
Housing Units in Area	15,239
Percent People of Color	99%
Households in Area	9,932
Households on Public Assistance	309
Persons With Low Income	14,298
Percent With Low Income	69%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	550 (3%)
Minors 17 years and younger	2,471 (11%)
Adults 18 years and older	19,423 (89%)
Seniors 65 years and older	5,713 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	11,626 (53%)
African-American	0 (0%)
Hispanic-Origin	21,594 (99%)
Asian	59 (0%)
Hawaiian/Pacific Islander	3 (0%)
American Indian	96 (0%)
Other/Multiracial	4,390 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,322 (14.03%)
9th through 12th Grade	1,032 (6.23%)
High School Diploma	2,694 (16.28%)
Some College/2-year	1,338 (8.08%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,099 (42.89%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.399032
Center Longitude	-66.052302
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,023 (40.5%)
\$15,000 - \$25,000	1,585 (15.96%)
\$25,000 - \$50,000	2,570 (25.87%)
\$50,000 - \$75,000	767 (7.72%)
Greater than \$75,000	989 (9.96%)



Detailed Facility Report

Facility Summary

QUEST DIAGNOSTICS INC

**881 MUNOZ RIVERA AVE, RIO PIEDRAS, PR
00927**

FRS (Facility Registry Service) ID: 110031344276

EPA Region: 02

Latitude: 18.403725

Longitude: -66.056332

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	05/31/2006
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRN008016230)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031344276					N	18.403725	-66.056332
RCRAInfo	RCRA	PRN008016230	Other	Inactive ()			N	18.403725	-66.056332

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031344276	QUEST DIAGNOSTICS INC	881 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRN008016230	QUEST DIAGNOSTICS INC	881 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00927	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008016230	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008016230)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

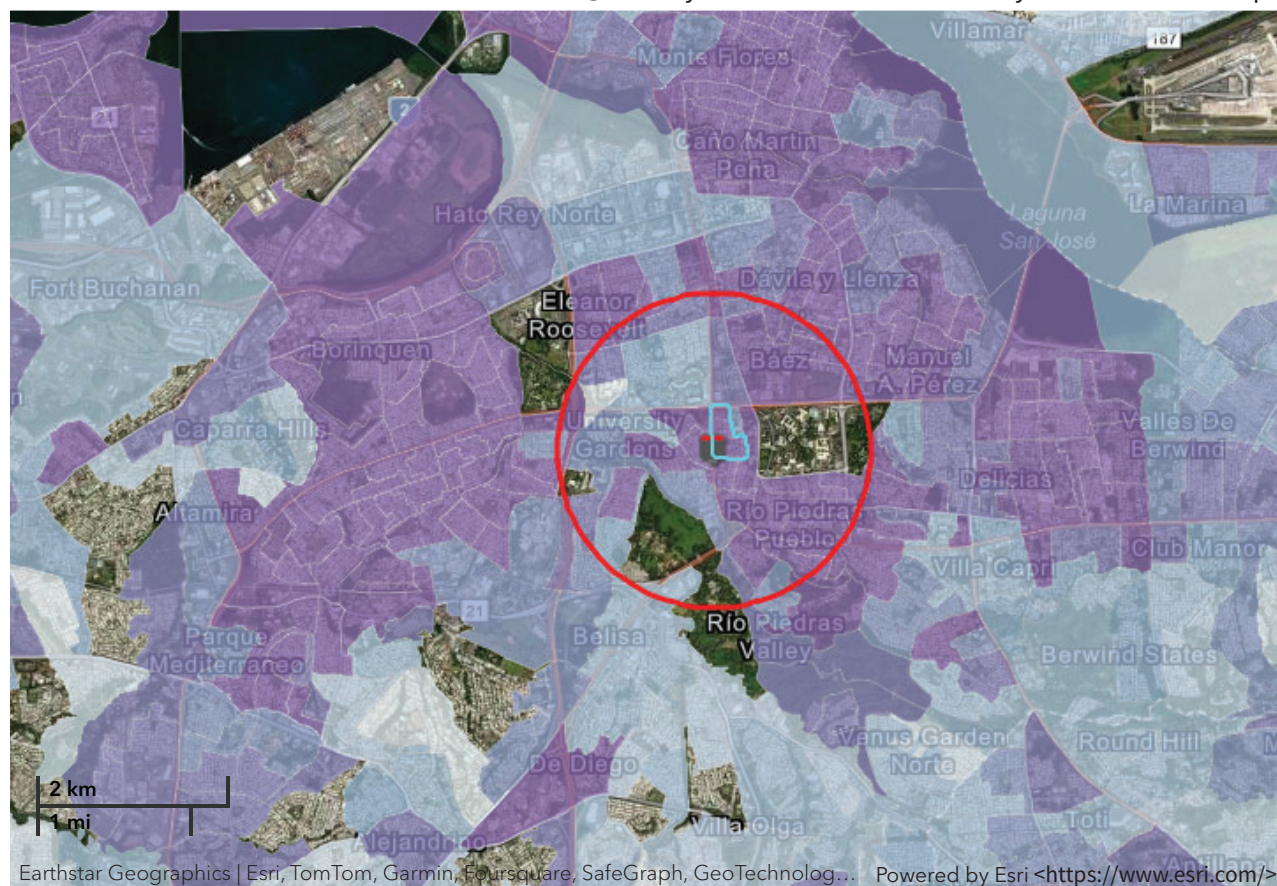
Census Block Group ID: 721270066002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	6	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	94	86	96	96	84	99
Air Toxics Cancer Risk	54	34	56	75	0	95
Air Toxics Respiratory Hazard Index	37	32	42	75	39	94
Toxic Releases to Air	97	92	99	50	41	65
Traffic Proximity	99	99	99	97	78	99
Lead Paint	98	97	99	86	73	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	92	79	97

Census Block Group ID: 721270066002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	96	99	93	76	97
Superfund Proximity	96	90	98	37	28	43
Underground Storage Tanks (UST)	99	96	99	94	68	99
Wastewater Discharge	99	99	99	95	79	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	26,179
Population Density	8,398/sq.mi.
Housing Units in Area	18,167
Percent People of Color	99%
Households in Area	12,278
Households on Public Assistance	318
Persons With Low Income	15,480
Percent With Low Income	62%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	867 (3%)
Minors 17 years and younger	2,965 (11%)
Adults 18 years and older	23,218 (89%)
Seniors 65 years and older	6,922 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,485 (55%)
African-American	0 (0%)
Hispanic-Origin	25,864 (99%)
Asian	70 (0%)
Hawaiian/Pacific Islander	34 (0%)
American Indian	94 (0%)
Other/Multiracial	4,996 (19%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,292 (11.48%)
9th through 12th Grade	931 (4.66%)
High School Diploma	3,188 (15.97%)
Some College/2-year	1,437 (7.2%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	10,041 (50.31%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.403725
Center Longitude	-66.056332
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,666 (38%)
\$15,000 - \$25,000	1,826 (14.87%)
\$25,000 - \$50,000	2,929 (23.85%)
\$50,000 - \$75,000	1,115 (9.08%)
Greater than \$75,000	1,743 (14.19%)



Detailed Facility Report

Facility Summary

RAGA OFFSET

251 ROBELS ST, RIO PIEDRAS, PR 00925

FRS (Facility Registry Service) ID: 110013359944

EPA Region: 02

Latitude: 18.40025

Longitude: -66.044516

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRN008010944)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110013359944					N	18.40025	-66.044516
RCRAInfo	RCRA	PRN008010944	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110013359944	RAGA OFFSET	251 ROBELS ST, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRN008010944	RAGA OFFSET	251 ROBELS ST, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008010944	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008010944)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

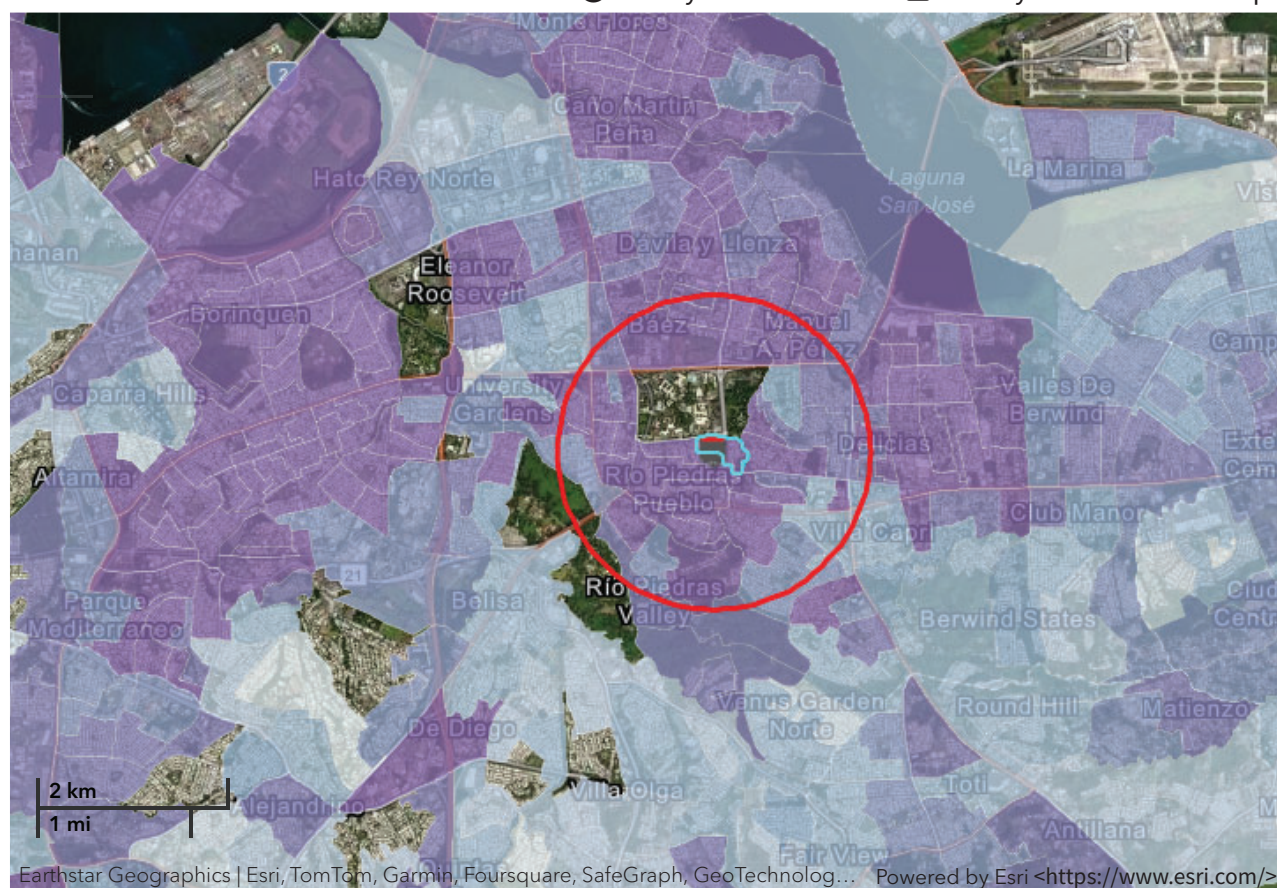
Census Block Group ID: 721270089001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	9	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	📍 96	88	📍 96	📍 99	📍 92	📍 99
Air Toxics Cancer Risk	55	53	56	📍 91	57	📍 95
Air Toxics Respiratory Hazard Index	40	35	42	📍 91	58	📍 94
Toxic Releases to Air	📍 99	📍 96	📍 99	63	49	71
Traffic Proximity	📍 99	📍 99	📍 99	📍 99	87	📍 99
Lead Paint	📍 99	📍 99	📍 99	📍 98	83	📍 99
Risk Management Plan (RMP) Facility Proximity	📍 99	📍 99	📍 99	📍 93	84	📍 97

Census Block Group ID: 721270089001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	95	80	97
Superfund Proximity	97	93	98	35	28	39
Underground Storage Tanks (UST)	99	93	99	98	65	99
Wastewater Discharge	99	99	99	97	88	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	29,612
Population Density	9,495/sq.mi.
Housing Units in Area	18,896
Percent People of Color	99%
Households in Area	12,997
Households on Public Assistance	492
Persons With Low Income	21,078
Percent With Low Income	74%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	928 (3%)
Minors 17 years and younger	4,323 (15%)
Adults 18 years and older	25,289 (85%)
Seniors 65 years and older	7,286 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,923 (50%)
African-American	0 (0%)
Hispanic-Origin	29,253 (99%)
Asian	56 (0%)
Hawaiian/Pacific Islander	20 (0%)
American Indian	97 (0%)
Other/Multiracial	6,568 (22%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,928 (13.55%)
9th through 12th Grade	1,466 (6.78%)
High School Diploma	4,394 (20.33%)
Some College/2-year	2,168 (10.03%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,685 (35.56%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40025
Center Longitude	-66.044516
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	5,904 (45.42%)
\$15,000 - \$25,000	2,010 (15.46%)
\$25,000 - \$50,000	3,205 (24.65%)
\$50,000 - \$75,000	903 (6.95%)
Greater than \$75,000	978 (7.52%)



Detailed Facility Report

Facility Summary

PRASA - SJ1A SAGRADO CORAZON FACILITY

**SAN JOSE ST VILLA PALMERAS, SAN JUAN,
PR 00925**

FRS (Facility Registry Service) ID: 110007822785

EPA Region: 02

Latitude: 18.39562

Longitude: -66.04411

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000012567)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007822785					N	18.39562	-66.04411
RCRAInfo	RCRA	PRR000012567	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007822785	PRASA - SJ1A SAGRADO CORAZON FACILITY	SAN JOSE ST VILLA PALMERAS, SAN JUAN, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000012567	PRASA - SJ1A SAGRADO CORAZON FACILITY	SAN JOSE ST VILLA PALMERAS, SAN JUAN, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000012567	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000012567)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

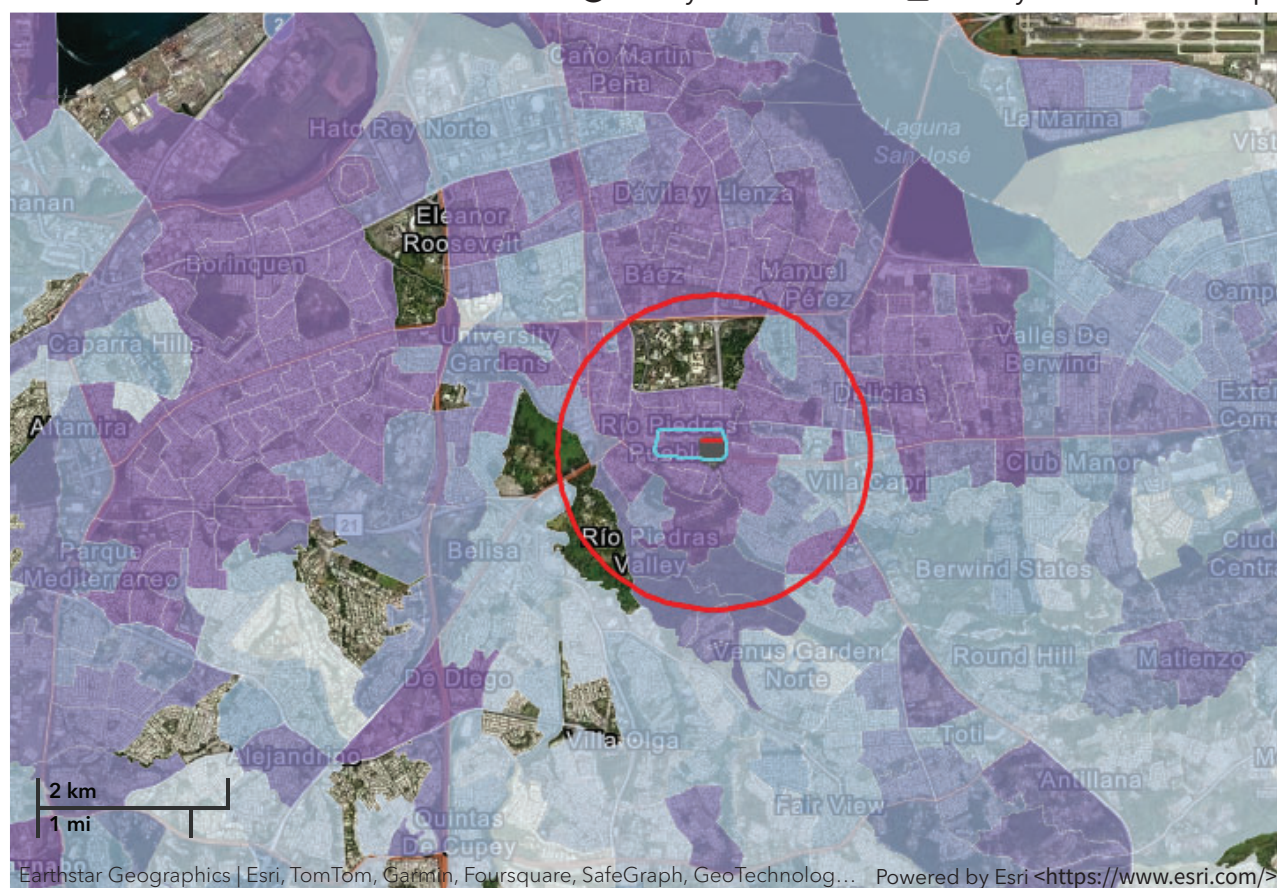
Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	9	1	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	96	87	96	99	90	99
Air Toxics Cancer Risk	56	52	56	95	53	95
Air Toxics Respiratory Hazard Index	42	34	42	94	54	94
Toxic Releases to Air	99	95	99	64	48	71
Traffic Proximity	99	99	99	99	85	99
Lead Paint	99	99	99	99	82	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	96	81	97

Census Block Group ID: 721270093002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	97	78	97
Superfund Proximity	98	92	98	39	26	39
Underground Storage Tanks (UST)	99	90	99	99	63	99
Wastewater Discharge	99	99	99	98	86	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	24,883
Population Density	7,978/sq.mi.
Housing Units in Area	15,907
Percent People of Color	99%
Households in Area	10,703
Households on Public Assistance	313
Persons With Low Income	16,822
Percent With Low Income	71%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	760 (3%)
Minors 17 years and younger	3,321 (13%)
Adults 18 years and older	21,560 (87%)
Seniors 65 years and older	6,633 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	13,145 (53%)
African-American	0 (0%)
Hispanic-Origin	24,580 (99%)
Asian	58 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	74 (0%)
Other/Multiracial	4,711 (19%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,596 (13.98%)
9th through 12th Grade	1,292 (6.96%)
High School Diploma	3,519 (18.96%)
Some College/2-year	2,013 (10.84%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,690 (36.04%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.39562
Center Longitude	-66.04411
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,302 (40.21%)
\$15,000 - \$25,000	1,738 (16.24%)
\$25,000 - \$50,000	2,732 (25.53%)
\$50,000 - \$75,000	891 (8.33%)
Greater than \$75,000	1,037 (9.69%)



Detailed Facility Report

Facility Summary

SMILE COLLISION CENTER

**1088 MUNOZ RIVERA AVE, SAN JUAN, PR
00927**

FRS (Facility Registry Service) ID: 110063077316

EPA Region: 02

Latitude: 18.402678

Longitude: -66.056493

Locational Data Source: RCRAINFO

Industries: Repair and Maintenance

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	12/04/2014
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRN008027419), Active SQG, (PRR000025288)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

[Go To Enforcement/Compliance Details](#)

[Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>](https://epa.gov/resources/echo-data/known-data-problems)

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110063077316					N	18.402678	-66.056493
RCRAInfo	RCRA	PRN008027419	VSQG	Active (H)			N	18.402678	-66.056493
RCRAInfo	RCRA	PRR000025288	SQG	Active (H)			N	18.402678	-66.056493

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110063077316	SMILE COLLISION CENTER	1088 MUNOZ RIVERA AVE, SAN JUAN, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRN008027419	SMILE COLLISION CENTER	1088 MUNOZ RIVERA AVE, RIO PIEDRAS, PR 00927	San Juan Municipio
RCRAInfo	RCRA	PRR000025288	SMILE COLLISION CENTER	1088 MUNOZ RIVERA AVE, SAN JUAN, PR 00927	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000025288	811121	Automotive Body, Paint, and Interior Repair and Maintenance

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

RCRA (Hazardous Waste (Resource Conservation and Recovery Act) Compliance Pipeline (Compliance Monitoring >> Violations >> Enforcement Actions) (10 Years)

This table shows how violations relate to compliance monitoring (CM) activities and enforcement. Currently available for RCRA only. Full CM history available below.

Compliance Monitoring				Violations				Enforcement Actions			
Source ID	Compliance Monitoring Type	Compliance Monitoring Agency	Compliance Monitoring Date	Violation Type	Violation Agency	Violation Determined Date	Return to Compliance Date	Enforcement Type	Enforcement Action Date	Penalty Assessed	Comp Action Cost
PRN008027419	Compliance Evaluation Inspection	State	12/04/2014	262.C: Generators - Pre-transport	PR	01/27/2015	03/29/2016	Final 3008(A) Compliance Order	02/24/2016	\$3,500	--
				262.C: Generators - Pre-transport	PR	01/27/2015	03/29/2016	Initial 3008(A) Compliance	10/09/2015	--	--
								Written Informal	05/01/2015	--	--

Entries in italics are not counted as compliance monitoring strategy activities. For programs without compliance monitoring strategies, entries in italics are not counted as on-site activities within EPA's Annual Results.

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008027419	No	11/09/2024	0	11/08/2024
RCRA	PRR000025288	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008027419)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												
RCRA (Source ID: PRR000025288)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 8/10/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000025288	Hazardous Waste	874	1,014	1,135	878

Source ID	Waste Description	2021	2022	2023	2024
PRR000025288	Acute Hazardous Waste	0	0	0	0
PRR000025288	Pharmaceutical Hazardous Waste	0	0	0	0

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

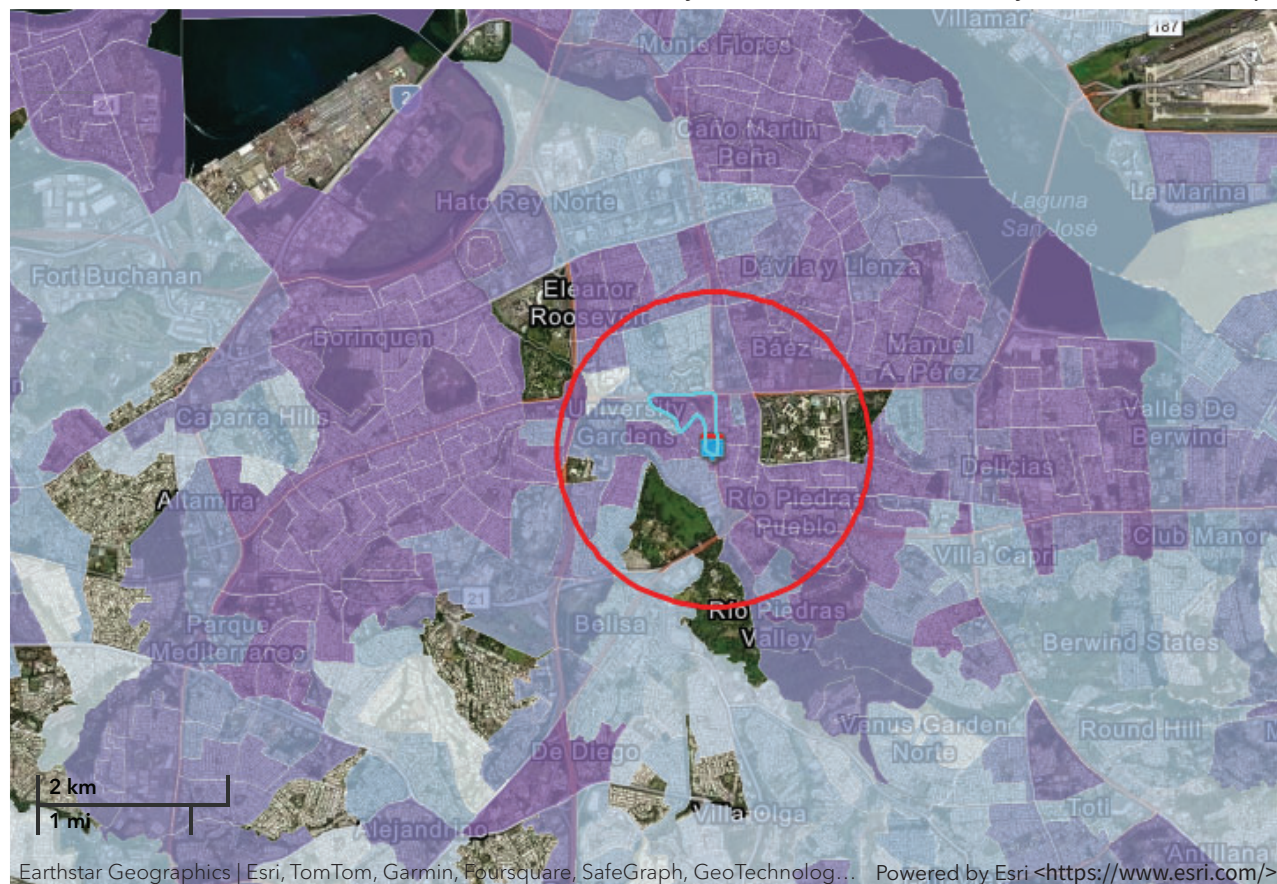
Download Data

Census Block Group ID: 721270067023	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	81	85	<div>96</div>	74	84	<div>99</div>
Air Toxics Cancer Risk	50	34	56	27	0	<div>95</div>
Air Toxics Respiratory Hazard Index	31	32	42	29	38	<div>94</div>
Toxic Releases to Air	88	<div>92</div>	<div>99</div>	32	40	65
Traffic Proximity	<div>98</div>	<div>99</div>	<div>99</div>	74	78	<div>99</div>
Lead Paint	<div>98</div>	<div>97</div>	<div>99</div>	68	72	<div>99</div>
Risk Management Plan (RMP) Facility Proximity	<div>97</div>	<div>98</div>	<div>99</div>	70	78	<div>97</div>
Hazardous Waste Proximity	<div>94</div>	<div>96</div>	<div>99</div>	65	74	<div>97</div>
Superfund Proximity	86	<div>90</div>	<div>98</div>	25	27	43
Underground Storage Tanks (UST)	<div>95</div>	<div>94</div>	<div>99</div>	69	67	<div>99</div>
Wastewater Discharge	<div>98</div>	<div>99</div>	<div>99</div>	70	79	<div>98</div>

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))

Total Persons	25,144
Population Density	8,067/sq.mi.
Housing Units in Area	17,404
Percent People of Color	99%

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	807 (3%)
Minors 17 years and younger	2,773 (11%)
Adults 18 years and older	22,369 (89%)
Seniors 65 years and older	6,733 (27%)

General Statistics (ACS (American Community Survey))	
Households in Area	11,757
Households on Public Assistance	299
Persons With Low Income	14,591
Percent With Low Income	61%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.402678
Center Longitude	-66.056493
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,364 (37.13%)
\$15,000 - \$25,000	1,724 (14.67%)
\$25,000 - \$50,000	2,870 (24.42%)
\$50,000 - \$75,000	1,080 (9.19%)
Greater than \$75,000	1,714 (14.58%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,068 (56%)
African-American	0 (0%)
Hispanic-Origin	24,843 (99%)
Asian	74 (0%)
Hawaiian/Pacific Islander	27 (0%)
American Indian	95 (0%)
Other/Multiracial	4,556 (18%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,244 (11.63%)
9th through 12th Grade	908 (4.7%)
High School Diploma	2,932 (15.19%)
Some College/2-year	1,402 (7.26%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	9,822 (50.89%)



Detailed Facility Report

Facility Summary

TREN URBANO

**1017 PONCE DE LEON, RIO PIEDRAS, PR
00925**

FRS (Facility Registry Service) ID: 110004894062

EPA Region: 02

Latitude: 18.40046

Longitude: -66.05226

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PRR000008821)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004894062					N	18.40046	-66.05226
RCRAInfo	RCRA	PRR000008821	Other	Inactive ()			N	18.400521	-66.052235

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004894062	TREN URBANO	1017 PONCE DE LEON, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000008821	TREN URBANO	1017 PONCE DE LEON, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000008821	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000008821)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
-------	--------------	--------------------	----------------------	-----------------	-----------------------	--------------------	----------------	----------------------	----------------	-----------

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

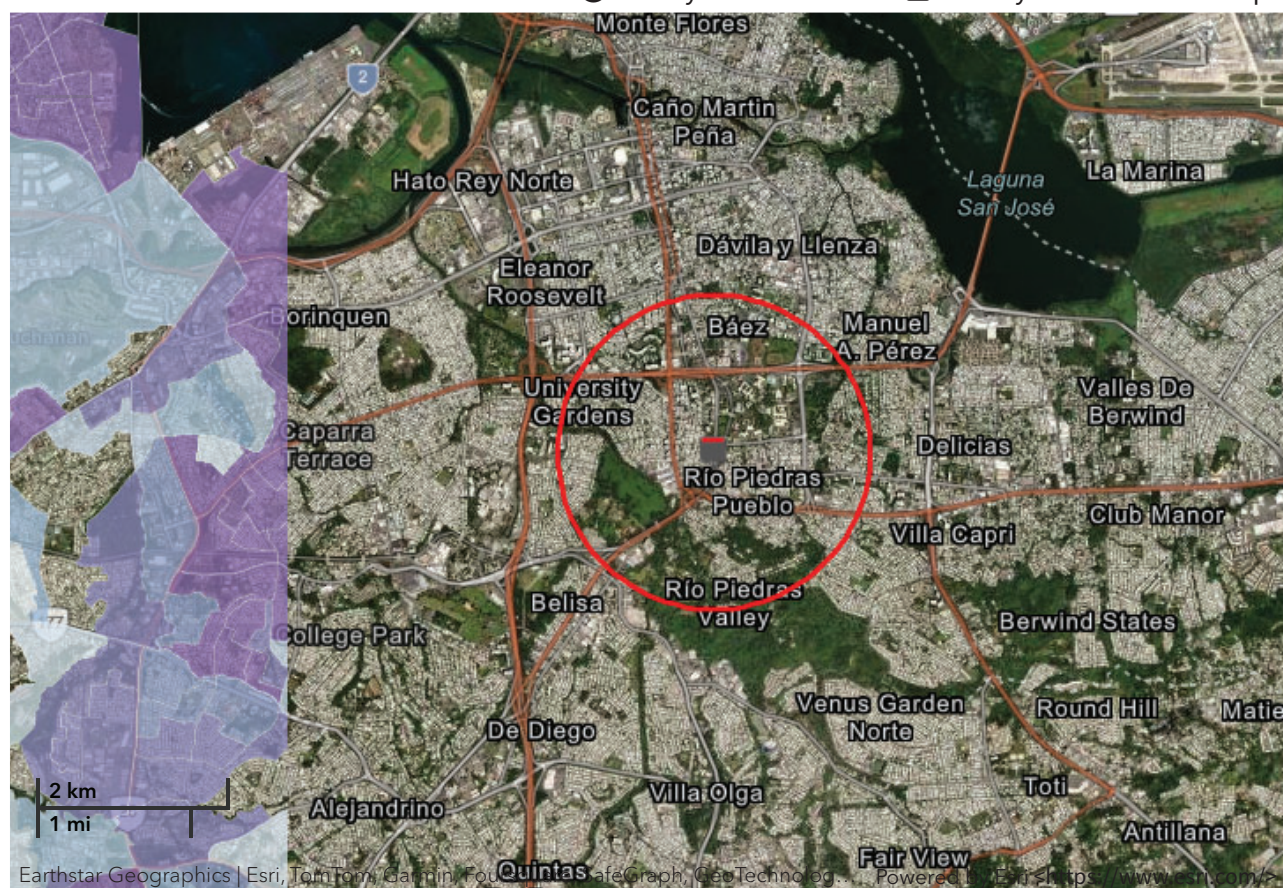
Census Block Group ID: 721270087001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	8	8	9	5	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	93	88	96	95	89	99
Air Toxics Cancer Risk	53	52	56	69	49	95
Air Toxics Respiratory Hazard Index	36	34	42	70	50	94
Toxic Releases to Air	97	94	99	50	45	65
Traffic Proximity	99	99	99	91	84	99
Lead Paint	99	99	99	94	80	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	92	82	97

Census Block Group ID: 721270087001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	89	80	97
Superfund Proximity	95	92	98	35	28	39
Underground Storage Tanks (UST)	0	97	99	0	72	99
Wastewater Discharge	99	99	99	93	85	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	23,351
Population Density	7,493/sq.mi.
Housing Units in Area	16,172
Percent People of Color	99%
Households in Area	10,645
Households on Public Assistance	357
Persons With Low Income	15,310
Percent With Low Income	69%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	663 (3%)
Minors 17 years and younger	2,690 (12%)
Adults 18 years and older	20,660 (88%)
Seniors 65 years and older	6,128 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	12,384 (53%)
African-American	0 (0%)
Hispanic-Origin	23,046 (99%)
Asian	53 (0%)
Hawaiian/Pacific Islander	14 (0%)
American Indian	99 (0%)
Other/Multiracial	4,698 (20%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,433 (41.66%)
\$15,000 - \$25,000	1,647 (15.48%)
\$25,000 - \$50,000	2,672 (25.11%)
\$50,000 - \$75,000	816 (7.67%)
Greater than \$75,000	1,072 (10.08%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,450 (13.86%)
9th through 12th Grade	1,080 (6.11%)
High School Diploma	2,929 (16.57%)
Some College/2-year	1,422 (8.04%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	7,569 (42.82%)



Detailed Facility Report

Facility Summary

US ARMY CORPS OF ENGINEERS

OROCOVIS ST FRONT BLDG W 5 7, SAN JUAN, PR 00925

FRS (Facility Registry Service) ID: 110004888729

EPA Region: 02

Latitude: 18.40721

Longitude: -66.05388

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	10/28/1995
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive

Other, (PR8210808103)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004888729					N	18.40721	-66.05388
RCRAInfo	RCRA	PR8210808103	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004888729	US ARMY CORPS OF ENGINEERS	OROCOVIS ST FRONT BLDG W 5 7, SAN JUAN, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PR8210808103	US ARMY CORPS OF ENGINEERS	OROCOVIS ST FRONT BLDG W 5 7, SAN JUAN, PR 00925-2209	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PR8210808103	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PR8210808103)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

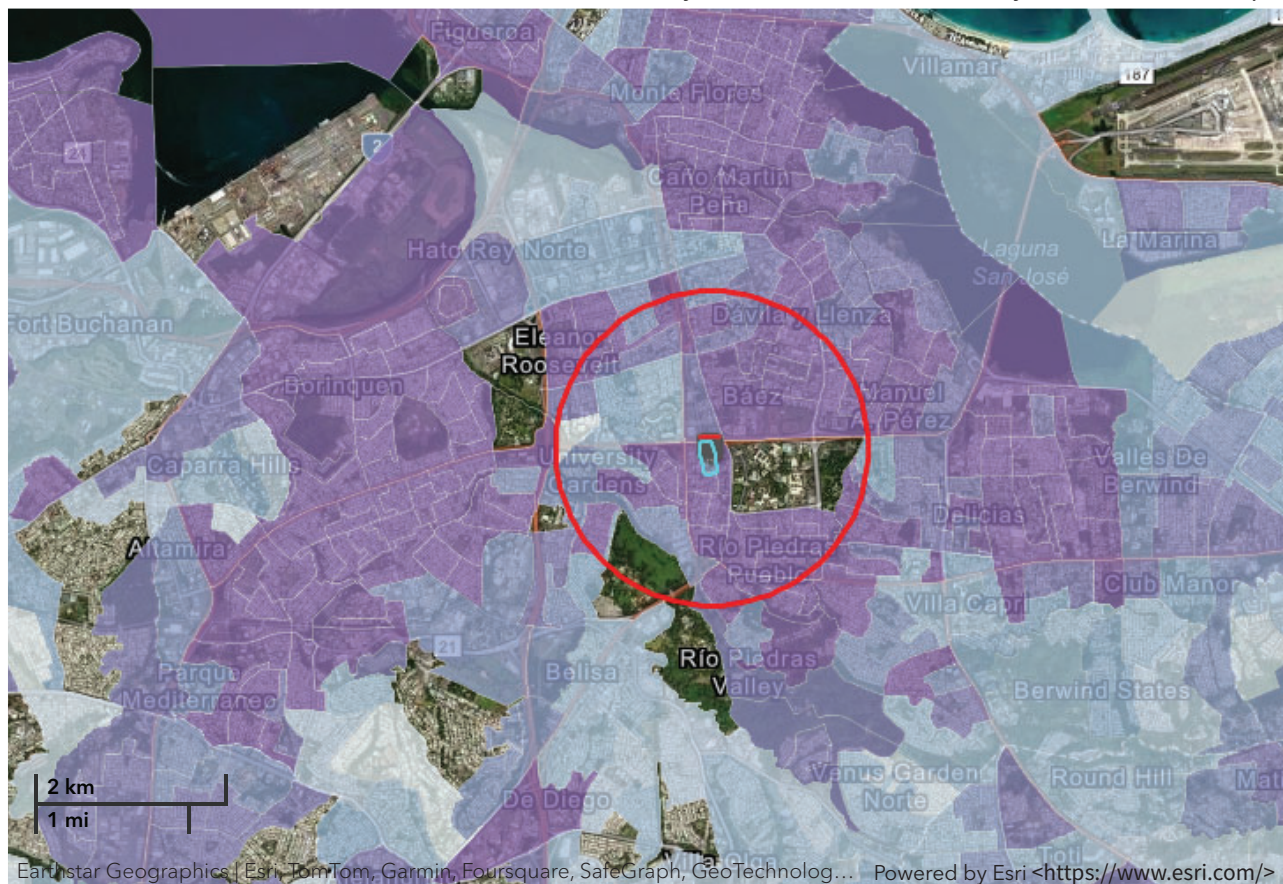
Census Block Group ID: 721270066001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	4	8	9	0	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	79	86	96	68	87	99
Air Toxics Cancer Risk	49	34	56	24	0	95
Air Toxics Respiratory Hazard Index	30	33	42	26	43	94
Toxic Releases to Air	86	93	99	32	43	65
Traffic Proximity	97	99	99	70	80	99
Lead Paint	65	98	99	29	76	99
Risk Management Plan (RMP) Facility Proximity	96	99	99	62	81	97

Census Block Group ID: 721270066001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	92	97	99	60	79	97
Superfund Proximity	83	91	98	22	28	43
Underground Storage Tanks (UST)	0	98	99	0	76	99
Wastewater Discharge	98	99	99	64	83	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	28,653
Population Density	9,186/sq.mi.
Housing Units in Area	19,936
Percent People of Color	99%
Households in Area	13,311
Households on Public Assistance	320
Persons With Low Income	17,782
Percent With Low Income	65%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	949 (3%)
Minors 17 years and younger	3,451 (12%)
Adults 18 years and older	25,199 (88%)
Seniors 65 years and older	7,426 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	15,551 (54%)
African-American	0 (0%)
Hispanic-Origin	28,299 (99%)
Asian	62 (0%)
Hawaiian/Pacific Islander	38 (0%)
American Indian	89 (0%)
Other/Multiracial	5,986 (21%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	5,285 (39.72%)
\$15,000 - \$25,000	2,032 (15.27%)
\$25,000 - \$50,000	3,028 (22.75%)
\$50,000 - \$75,000	1,200 (9.02%)
Greater than \$75,000	1,762 (13.24%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,534 (11.71%)
9th through 12th Grade	1,087 (5.02%)
High School Diploma	3,725 (17.21%)
Some College/2-year	1,578 (7.29%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	10,270 (47.45%)



Detailed Facility Report

Facility Summary

VIDYS CAFE & RESTAURANT

**104 UNIVERSIDAD AVE, RIO PIEDRAS, PR
00925**

FRS (Facility Registry Service) ID: 110015322836

EPA Region: 02

Latitude: 18.40311

Longitude: -66.05465

Locational Data Source: FRS

Industries: Food Services and Drinking Places

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active
VSQG, (PRR000016246)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110015322836					N	18.40311	-66.05465
RCRAInfo	RCRA	PRR000016246	VSQG	Active (H)			N	18.403122	-66.0549

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110015322836	VIDYS CAFE & RESTAURANT	104 UNIVERSIDAD AVE, RIO PIEDRAS, PR 00925	San Juan Municipio
RCRAInfo	RCRA	PRR000016246	VIDYS CAFE & RESTAURANT	104 UNIVERSIDAD AVE, RIO PIEDRAS, PR 00925	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000016246	72211	Full-Service Restaurants

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000016246	No	11/09/2024	0	11/08/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000016246)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released

or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

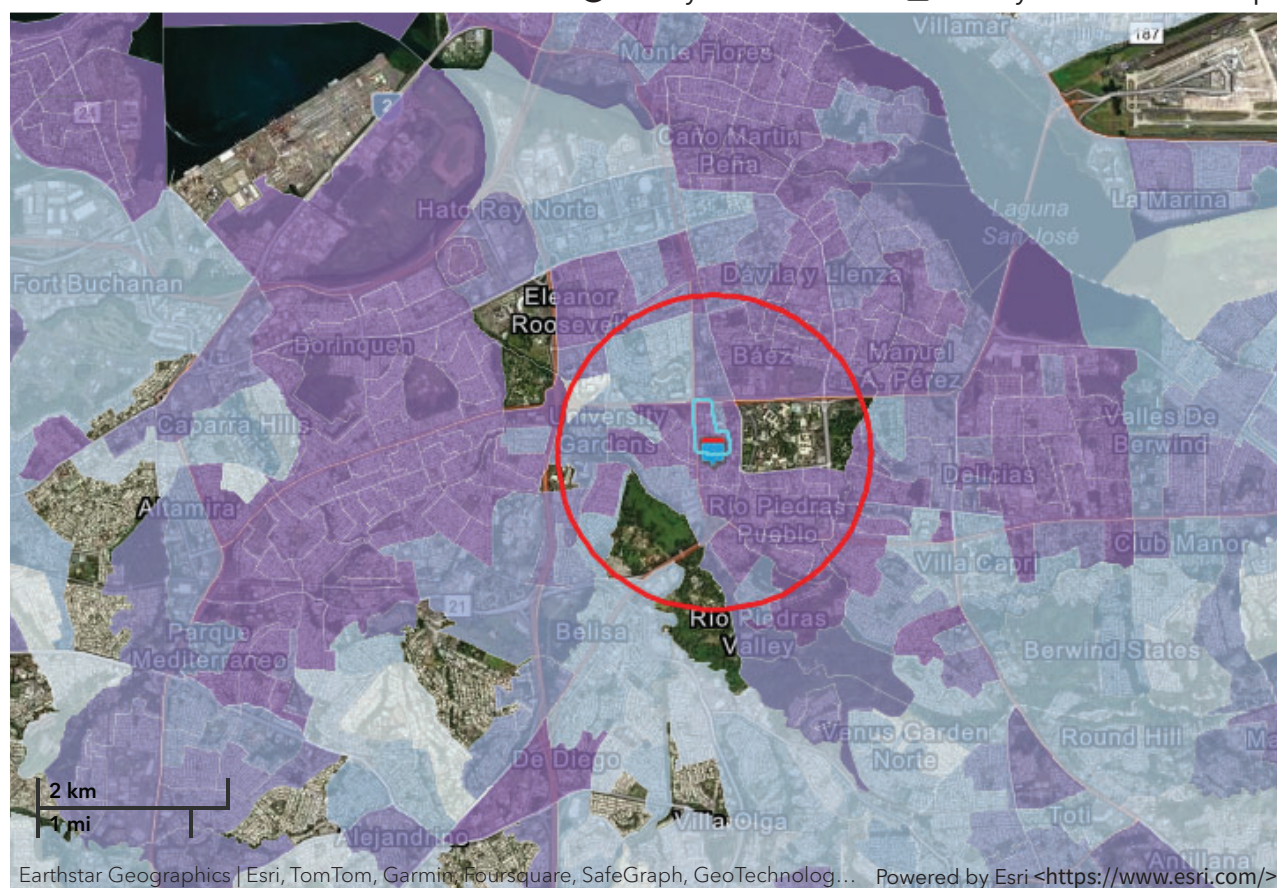
Census Block Group ID: 721270066002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	8	9	6	0	9
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	94	86	96	96	86	99
Air Toxics Cancer Risk	54	34	56	75	0	95
Air Toxics Respiratory Hazard Index	37	33	42	75	43	94
Toxic Releases to Air	97	93	99	50	42	65
Traffic Proximity	99	99	99	97	80	99
Lead Paint	98	98	99	86	76	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	92	80	97

Census Block Group ID: 721270066002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Hazardous Waste Proximity	99	97	99	93	77	97
Superfund Proximity	96	91	98	37	28	43
Underground Storage Tanks (UST)	99	96	99	94	70	99
Wastewater Discharge	99	99	99	95	82	98

Map Display Based on: ☒ US ☐ State

Display Map Layer

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	26,559
Population Density	8,520/sq.mi.
Housing Units in Area	18,153
Percent People of Color	99%
Households in Area	12,148
Households on Public Assistance	314
Persons With Low Income	16,350
Percent With Low Income	64%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	930 (4%)
Minors 17 years and younger	3,159 (12%)
Adults 18 years and older	23,401 (88%)
Seniors 65 years and older	6,889 (26%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	14,462 (54%)
African-American	0 (0%)
Hispanic-Origin	26,215 (99%)
Asian	68 (0%)
Hawaiian/Pacific Islander	24 (0%)
American Indian	94 (0%)
Other/Multiracial	5,347 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	2,435 (12.14%)
9th through 12th Grade	1,066 (5.32%)
High School Diploma	3,266 (16.29%)
Some College/2-year	1,453 (7.25%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	9,573 (47.74%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40311
Center Longitude	-66.05465
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	4,716 (38.83%)
\$15,000 - \$25,000	1,833 (15.09%)
\$25,000 - \$50,000	2,948 (24.28%)
\$50,000 - \$75,000	1,023 (8.42%)
Greater than \$75,000	1,624 (13.37%)

Field Visit Report PUENTE HENRY KLUMB

Field Visit Checklist & Site Evaluation							
Project Name:	PR-CRP-000955 Puente Iluminado (puente Klumb Ave Gandara)			Latitude:	18.401131°		
First Name:	LAREDO	Last Name:	GONZALEZ	Longitude:	-66.050738°		
Street Address:	Gándara Ave., Río Piedras Ward			Apt/Suite:	----		
City:	San Juan			State:	PR	Zip:	----
Date of Visit:	August 17, 2023			Field Visit Conducted By:	LAREDO GONZALEZ		
EXISTING ENVIRONMENTAL CONDITIONS ON & AROUND SITE							
Levee/Flood Control Structures (Levees, T-walls, pumping stations, etc.)							
	Site Specific			Area			
Observations	NO			N/A			
Toxic Chemicals & Radioactive Materials							
Petroleum or Chemical Storage							
	Site Specific			Area			
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	NO			N/A			
If yes, are they in use?	N/A			N/A			
Are there any out-of-service underground fuel tanks?	NO			N/A			
Is there any evidence that any AST on the property are leaking?	NO			N/A			
Polychlorinated Biphenyls (PCB):							
	Site Specific			Area			
Is there any evidence or indication of leaking electrical equipment (transformer - ground or pole mounted, capacitor, or hydraulic equipment) present on site?	NO			N/A			
Hazardous Operations							
	Site Specific			Area			
Is there any evidence of manufacturing operations utilizing or producing hazardous substances at or in close proximity to the site?	NO			N/A			
Is there any evidence or indication that past operations located on or in close proximity to the property used hazardous substances or radiological materials that may have been released into the environment?	NO			N/A			
Notes/Observations: The Henry Klumb Bridge was built in 1958. It is a pedestrian connection between the University of Puerto Rico and the Río Piedras Ward of the City of San Juan. It crosses over the Gándara Ave. providing a walking path for students to reach services that Río Piedras offers. Two stairs, at each side of the avenue, provide access from the walkway to the bridge. The concrete pavement on the bridge is deteriorated and cracked near some corners. Stairs pavement is painted (No ASTM ESA Phase I study was supplied to the preparer. The observations above are only descriptive and should not be used in lieu of a formal ASTM ESA Phase I study)							

Photograph 1-2 South view





Photograph 3 Southeast View



Photograph 4-5 South Stair



Photograph 6 top view



Photograph 7-8 North Access and stair





Photograph 9 Under the Bridge North-South view



Asbestos and Lead Based Paint reports



**CERTIFICACION DE NO PRESENCIA DE ASBESTO
EN ESTRUCTURAS A DEMOLERSE**
(Deberá completarse en letra de molde o impresa)

NUM. PERMISO: _____

Yo, Angel M. Rivera, mayor de edad, casado, y vecino de Guayama
(Nombre) (Estado Civil) (Municipio)

Dirección Postal RR8 Box 1995 PMB 313 Bayamón, PR 00956
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 607 - 8965 Oficina (787) 994 - 2203 Ext. _____
Fax () -

Certifico que:

Puente Henry Klumb & Area Placita Sur en
Avenida Dr. Jose N. Gandara & Calle Braumbaugh
en Río Piedras San Juan, PR

1. La estructura localizada en _____, la cual será objeto de una demolición se encuentra libre de asbesto.
2. La información antes indicada es cierta y correcta.
3. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
4. Para que así conste, firmo la presente certificación en Bayamón de Puerto Rico,
(Municipio)
hoy día 23 de diciembre de 2022

Angel M. Rivera

ASB-0722-0259-SI

Firma y Sello del Profesional o
Firma del Inspector de Asbesto registrado por la JCA (Original)

Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.



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Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/ Indoor Air Quality

DNER & EPA Permits and Certifications

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ASB-0722-0259-SI

Número de Registro

25-jun-2023

Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Ángel M. Rivera Guido

Inspector

A trabajar en la remoción de asbesto en
Puerto Rico. Esta persona **NO** es un
empleado del DRNA.

Firma Autorizada - Departamento
Recursos Naturales y Ambientales



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Asbestos Containing Materials Inspection



SAMPLING CONDUCTED AT:
Henry Klumb Bridge and South Square
Located at Dr. Jose N. Gandara Avenue
& Braumbaugh Street Rio Piedras
in San Juan, PR



GES Project # -2022-222

DECEMBER 2022



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December 30, 2022

Arch. Istra Hernandez
President
Hernandez Bauza PSC Architects
PO Box 361090 San Juan, PR 00936-1090

Affair: Asbestos Containing Materials Inspection in Henry Klumb Bridge & South Square located at Dr. Jose N. Gandara & Braumbaugh Street Rio Piedras in San Juan, PR

Dear Arch. Hernandez:

Global Environmental Services LLC (GES) was contracted to perform a Asbestos Containing Materials Inspection at reference project. The inspection was contracted for the evaluation this structure.

Asbestos Containing Building Material (ACBM) is defined as any material which contains more that 1% percent Asbestos.

The ACM Inspection was conducted on December 23, 2022 by Mr. Angel M. Rivera, Department of Natural and Environmental Resources of Puerto Rico (DNER) certified Asbestos Inspector # ASB-0722-0259-SI with enough experience.

During the inspection, inspector **NO suspected Asbestos Containing Materials**. The asbestos inspection work will be performed by Asbestos Hazards Emergency Response Act (AHERA) accredited asbestos inspectors under the PR Environmental Quality Board accreditation program. The inspection will be conducted in accordance with EPA's "Guidance for Controlling Asbestos Containing Materials in Buildings (EPA 560/5-85/024)". Asbestos Containing Materials Inspection and bulk sampling procedures to be implemented was based on the guidelines established by the ASTM E2356-14 Standard Practice for Comprehensive Building Asbestos Survey. Samples were analyzed by PLM using dispersion staining techniques in accordance with US EPA Method: 600/M4-82-020 of Dec. 1982 and 600/R-93/116 of July 93.

Global Environmental Services LLC **certifies this project area asbestos free.**



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The Asbestos Containing Materials inspection was performed based on DNER/ NESHAP regulations and protocol according to the following scenario:

- a. The structure is divided into several functional spaces.
- b. Physical and hazard assessment of suspected asbestos containing materials was performed.
- c. Samples were collected according to homogenous areas.(Does not apply).
- d. Samples sent to NVLAP Accredited Laboratory. (Does not apply).
- e. Samples were analyzed by PLM method, in accordance to EPA recommended procedures. (Does not apply).

Thank you for the opportunity, any questions, please call 787-994-2203 and 787-607-8965 or email globalespr@gmail.com.

Cordially;

Mr. Angel O. Ortega, JS
Environmental Consultant
President

Mr. Angel M. Rivera
Asbestos Inspector-ASB-0722-0259-SI



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Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/ Indoor Air Quality

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APPENDIX I

**CERTIFICATIONS GRANTED BY THE
DEPARTMENT OF NATURAL AND
ENVIRONMENTAL RESOURCES
OF PUERTO RICO**



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ASBESTOS INSPECTOR CERTIFICATION

	TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO
	Esta tarjeta autoriza a:
	<u>Ángel M. Rivera Guido</u> Inspector
	A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.
ASB-0722-0259-SI Número de Registro	 Firma Autorizada - Departamento Recursos Naturales y Ambientales
25-jun-2023 Fecha de vencimiento	



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APPENDIX II

LAYOUT AREA & SITE AREAS



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SITE AREA



COORDINATES TO GET TO THE PROJECT:

18.4011107, -66.0507321



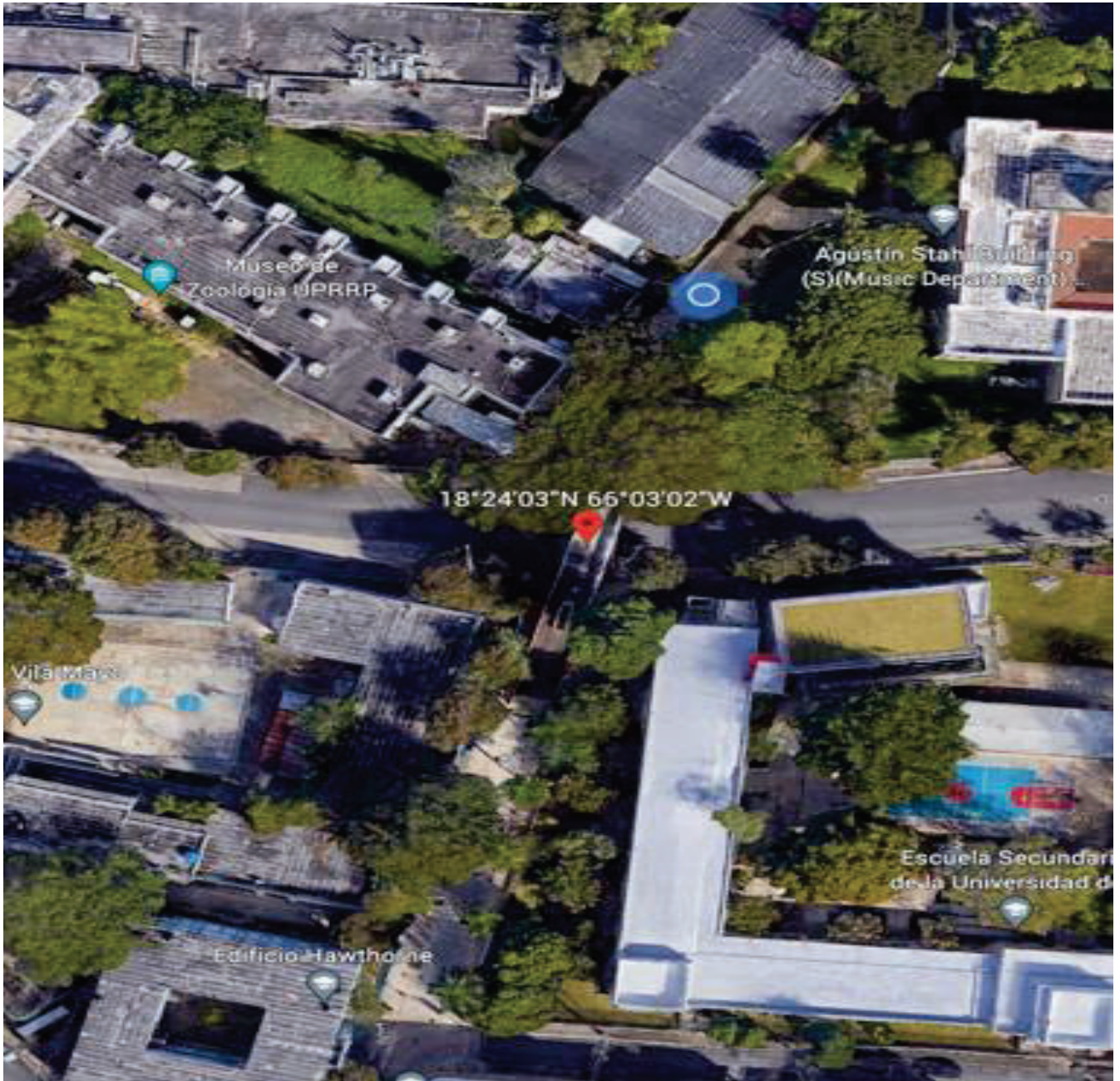
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SITE AREA





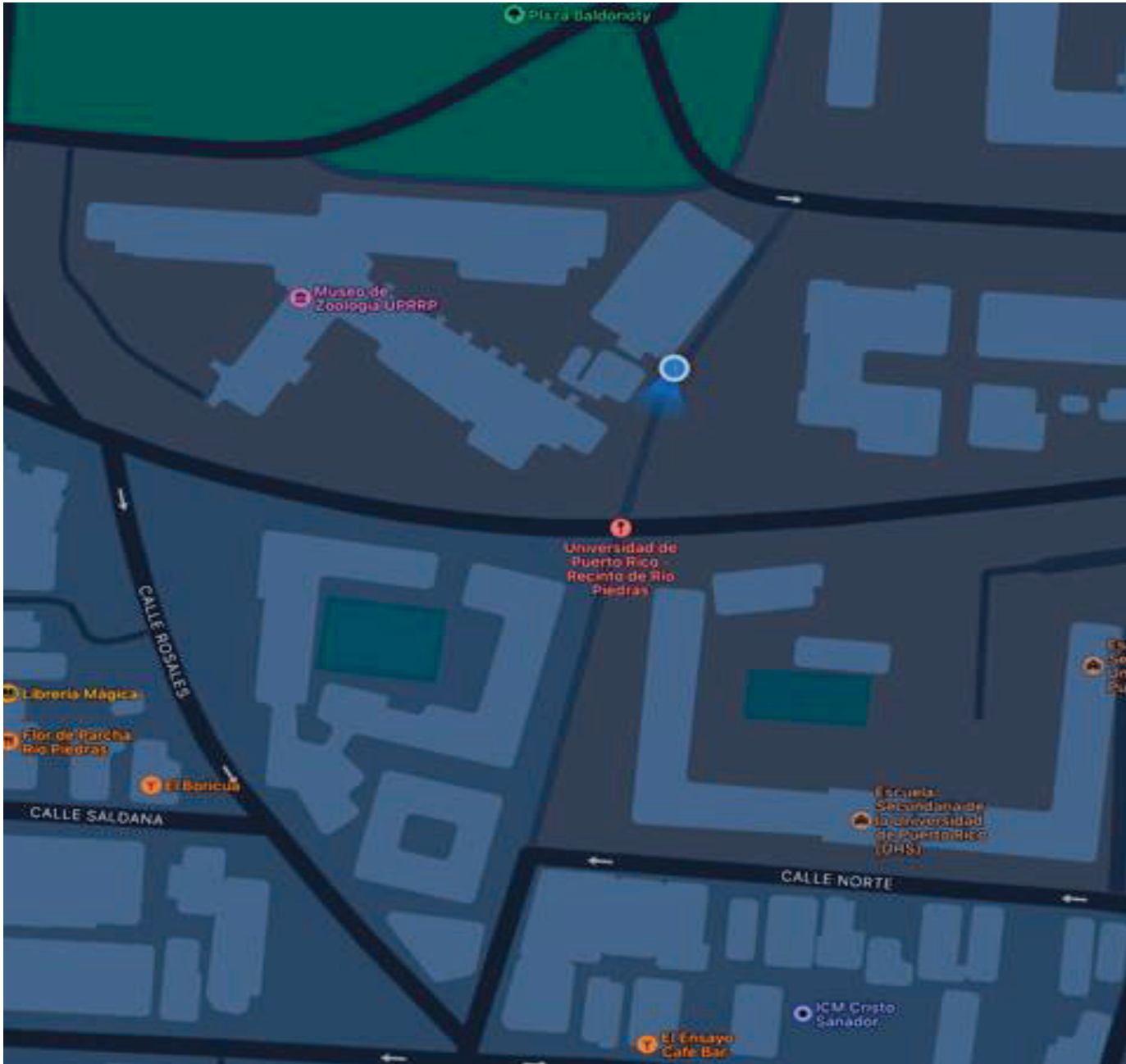
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SITE AREA





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AERIAL VIEW





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APPENDIX III

CONCLUSION

After evaluating the above mentioned project, our company Global Environmental Services LLC certifies Asbestos free for the Henry Klumb Bridge & South Square area (Project area) in Dr. Jose N. Gandara Avenue & Braumbaugh Street Rio Piedras in San Juan PR of December 23, 2022.



GLOBAL ENVIRONMENTAL SERVICES LLC

*Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
DNER Permits/ EPA Permits & Certifications*

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Lead Based Paint Inspection



SAMPLING CONDUCTED AT:
Henry Klumb Bridge and South Square
Located at Dr. Jose N. Gandara Avenue
& Braumbaugh Street Rio Piedras
in San Juan, PR



GES Project # -2022-222

DECEMBER 2022



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December 30, 2022

Arch. Istra Hernandez
President
Hernandez Bauza PSC Architects
PO Box 361090 San Juan, PR 00936-1090

Affair: Lead Based Paint Inspection in Henry Klumb Bridge & South Square located at Dr. Jose N. Gandara & Braumbaugh Street Rio Piedras in San Juan, PR

Dear Arch. Hernandez:

Global Environmental Services LLC (GES) was contracted to perform a Lead Based Paint Inspection at reference project. The Lead Paint Standard is in Addendum I of the Report. Site area and Functional Spaces in Addendum III of the report.

The Inspection performance with Thermo Fisher Scientific XRF Niton Model Xlp 300A Serial Number #101094 was conducted using H.U.D. Standard for Lead Based Paint as defined by Title X of Housing and Community Department Act of 1992 (unless HUD and EPA have lowered the standard) & Guidelines for the Evaluation and Control of Lead Based Paint in Housing of 1997, revised in 2012 and PREQB Lead Based Paint Abatement Controls Regulation.

The Lead Based Paint Inspection was conducted on December 23, 2022 by Mr. Angel M. Rivera, Department of Natural and Environmental Resources of Puerto Rico (DNER) certified Lead Based Paint Inspector # LBPI-33222-379 with enough experience.

The project consisted of evaluation in all components in Bridge and South Square located in San Juan, PR. During the evaluation **we found positive components with Lead Based Paint** in said project.

TABLE 1.0 - SUMMARY OF COMPONENTS WITH LEAD BASED PAINT				
FUNCTIONAL SPACE	COMPONENT	SIDE	SUBSTRATE	SQ. FT. APPROX./ Units
South Square Area	Planter Walls	A,B,C	Concrete	90 sq. ft. approx.

Negative Definition= If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm² it is considered negative.

Positive Definition= If the concentration measured by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm² it is considered **Positive**.



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TABLE- LEAD REGULATORY LEVELS	
	<i>EPA & DNER Levels</i>
LEAD BASED PAINT	1.0mg/cm² or 0.5% by weight (or 5,000 ppm)

Lead Based Paint Inspection Guidelines used during the inspection.

SOP: Stardand Operation Procedure :

LEFT SIDE	B	RIGHT SIDE
A		C
	D	
ENTRANCE AREA OR DOOR AREA		

Thank you for the opportunity, any questions, please call 787-994-2203 and 787-607-8965 or email globalespr@gmail.com.

Cordially;

Mr. Angel O. Ortega, JS
Environmental Consultant
President

Mr. Angel M. Rivera
Lead Based Paint Inspector LBPI-33222-379



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ADDENDUM I

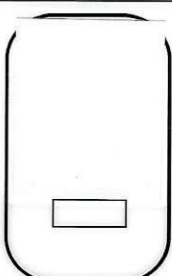
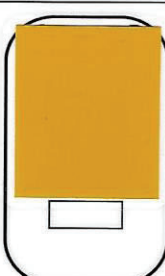




THE LEAD PAINT STANDARD



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ThermoFisher SCIENTIFIC		Lead Paint Standard	Surface Lead mg/cm ² PN 500-934
<div>< 0.01 ± ----- SRM 2570</div>		<div>3.58 ± 0.39 SRM 2571</div>	
<div>XRF Calibration Check Units 1.04 ± 0.06 SRM 2573 For a 20 sec sample, the reading should be: 0.8 to 1.2 mg/cm²</div>		<div>1.53 ± 0.09 SRM 2572</div>	
<div>0.71 ± 0.08 SRM 2574</div>		<div>0.31 ± 0.02 SRM 2575</div>	

Americas Thermo Scientific 2 Radcliff Road Tewksbury, MA 01876 USA Tel USA: 800-875-1578 Tel: +1 978-670-7460 Fax: +1 978-670-7430 niton@thermofisher.com	Europe and Africa Thermo Scientific Joseph-Dollinger-Bogen 9 80807 Munich Germany Office: +49 89 3681 380 Fax: +49 89 3681 3830 niton.eur@thermofisher.com	Asia and the Middle East Thermo Scientific Unit 23, 5/F, Corporation Park, 11 On Lai Street, Siu Lek Yuen, Shatin, NT, Hong Kong. Office: +852 2869 6669 Fax: +852 2567 4447 niton.asia@thermofisher.com
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ADDENDUM II

*PERFORMANCE CHARACTERISTIC SHEET (PCS)-
XRF NITON XLP SERIE #300A*



Niton XLp 300, 9/24/2004, ed. 1

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0



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RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) **PHONES:** 787-994-2203 / 787-607-8965

Niton XLp 300, 9/24/2004, ed. 1

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.



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Niton XLp 300, 9/24/2004, ed. 1

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) [PHONES: 787-994-2203](tel:787-994-2203) / [787-607-8965](tel:787-607-8965)

ADDENDUM III

SITE AREA & FUNCTIONAL SPACES



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

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SITE AREA



COORDINATES TO GET TO THE PROJECT:

18.4011107, -66.0507321

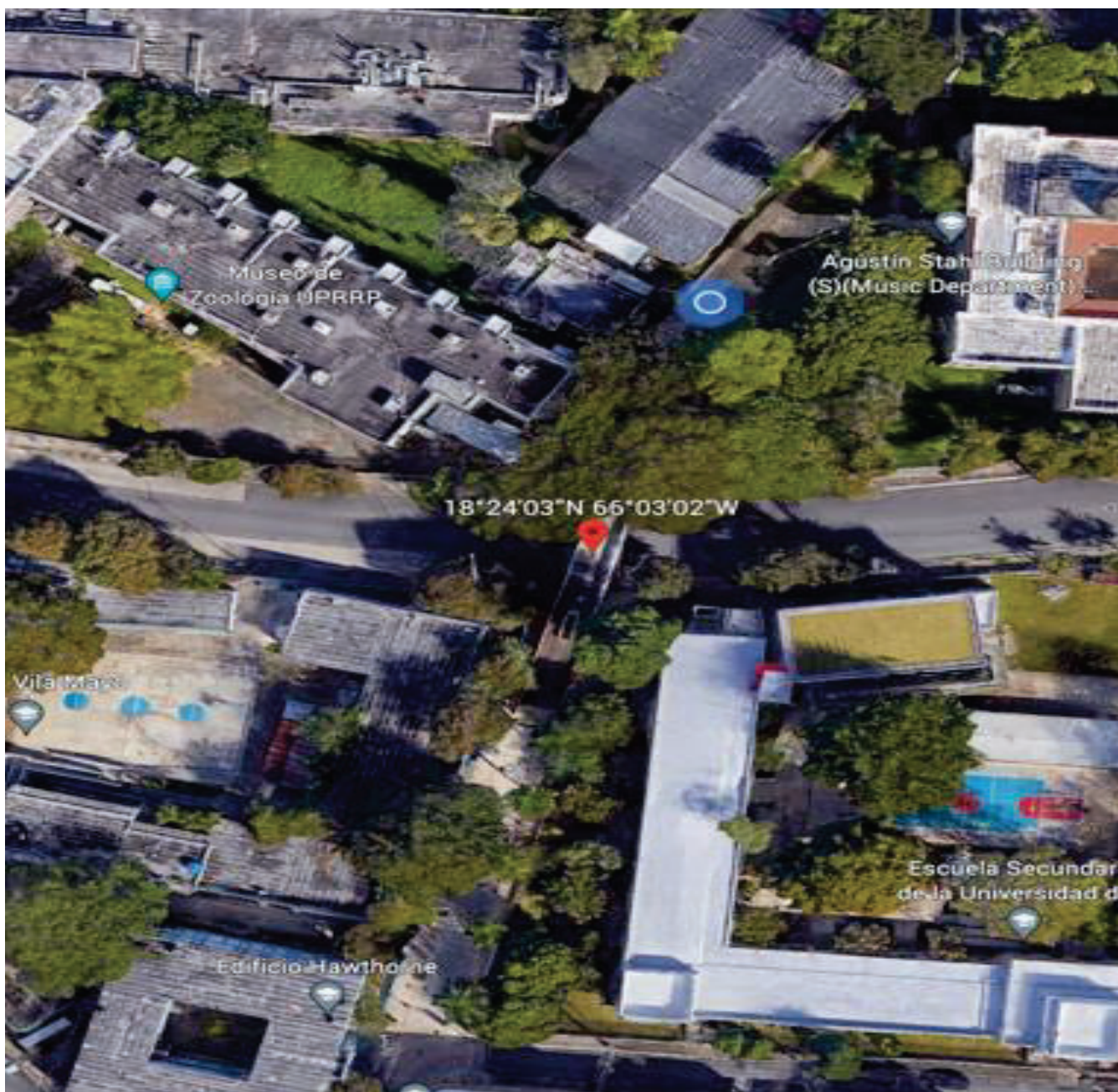


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SITE AREA



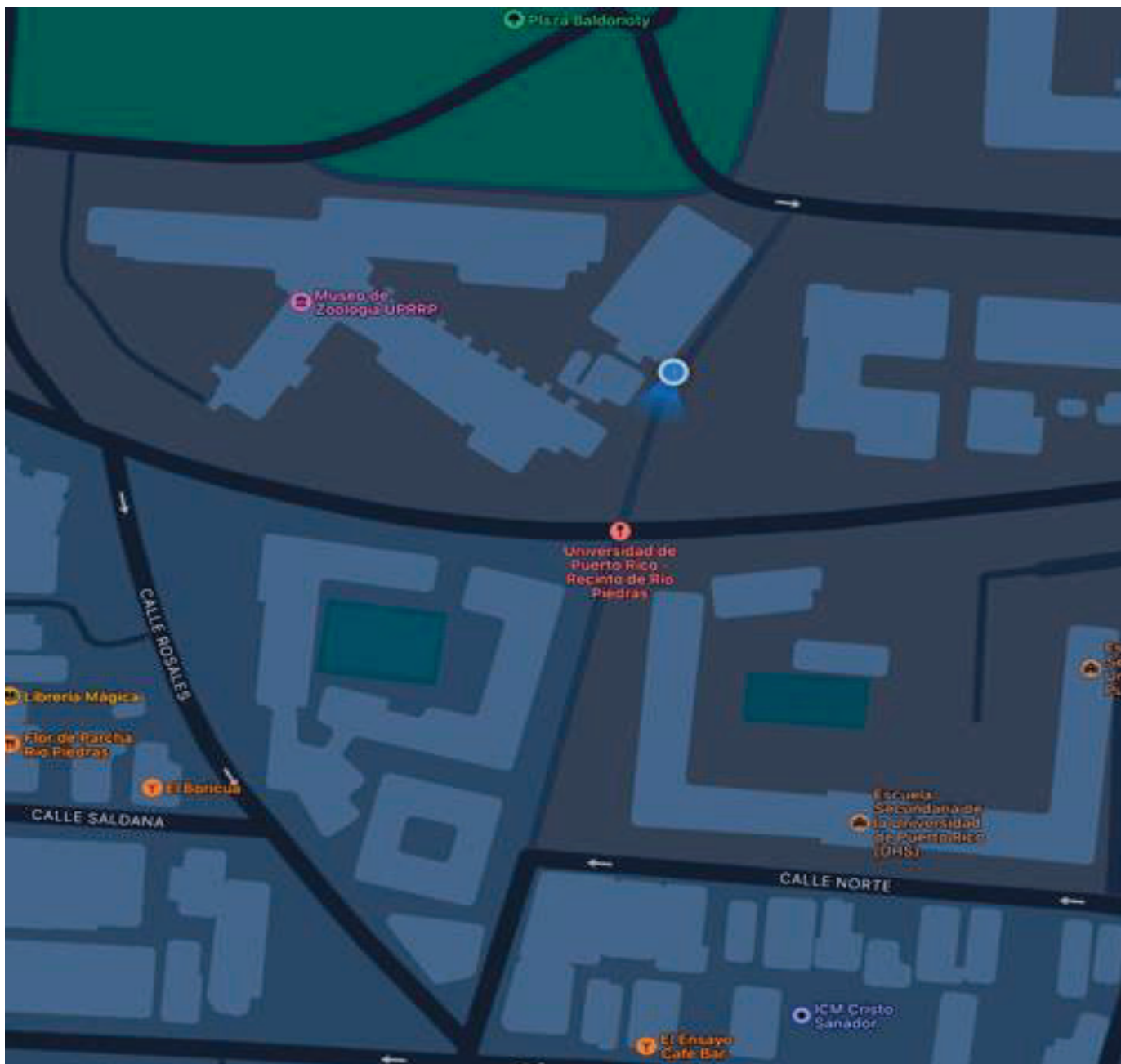


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SITE AREA





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AERIAL VIEW



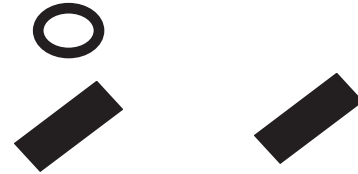
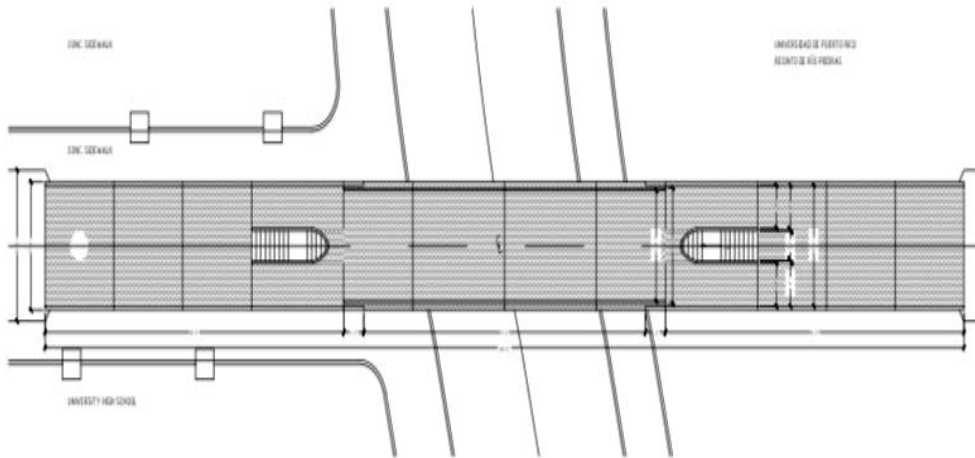


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LAYOUT AND FUNCTIONAL SPACES



NOT TO SCALE



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

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ADDENDUM IV

*CERTIFICATIONS GRANTED BY THE DEPARTMENT OF
NATURAL AND ENVIRONMENTAL RESOURCES OF
PUERTO RICO*




GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) [PHONES: 787-994-2203 / 787-607-8965](tel:787-994-2203)

GLOBAL ENVIRONMENTAL SERVICES LLC COMPANY LEAD CERTIFICATION

 **GOBIERNO DE PUERTO RICO**
Departamento de Recursos Naturales y Ambientales



Este certificado es otorgado a:

Global Environmental Services, LLC

Por haber cumplido con los requisitos establecidos en el Capítulo VI, Regla 127 del Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo. Se le otorga esta certificación como Firma para llevar a cabo actividades relacionadas a Mitigación de Pintura con base de plomo en la jurisdicción de Puerto Rico.

Número de Certificado
LBPF-33621-050

Fecha de emisión: Enero 9, 2022
Fecha de Expiración: Enero 8, 2023

 
José Roque Juliá
Jefe
División Desperdicios Tóxicos



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

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MR. ANGEL M. RIVERA - LEAD BASED PAINT INSPECTOR CERTIFICATION





GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

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ADDENDUM V

LBP TESTING COMBINATIONS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) **PHONES:** 787-994-2203 / 787-607-8965

GES 2022- 222	XRF Serial Number: 101094	Project: Henry Klumb Bridge & South Square Rio Piedras in SJ, PR	Client: Hernandez Bauza PSC Arch.	LBP Inspector: Mr. Angel M. Rivera	Date: December 23, 2022	Page 21/29	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos/ Neg.	Approx. Sq. ft./Ln. Ft.
1	Calibrate				1.0		
2	Calibrate				0.9		
3	Calibrate				0.9		
4	Bridge	Upper Wall	A	Concrete	0.00	Neg.	
5	Bridge	Upper Wall	A	Concrete	0.01	Neg.	
6	Bridge	Upper Wall	A	Concrete	0.00	Neg.	
7	Bridge	Upper Wall	C	Concrete	0.03	Neg.	
8	Bridge	Upper Wall	C	Concrete	0.01	Neg.	
9	Bridge	Upper Wall	C	Concrete	0.04	Neg.	
10	Bridge	Gate	D	Metal	0.02	Neg.	
11	Bridge	Gate	D	Metal	0.02	Neg.	
12	Bridge	Fence	A	Metal	0.05	Neg.	
13	Bridge	Fence	C	Metal	0.04	Neg.	
14	Bridge	Exterior Wall	A	Concrete	0.01	Neg.	
15	Bridge	Exterior Wall	A	Concrete	0.01	Neg.	
16	Bridge	Exterior Wall	A	Concrete	0.01	Neg.	
17	Bridge	Exterior Wall	C	Concrete	0.01	Neg.	
18	Bridge	Exterior Wall	C	Concrete	0.01	Neg.	
19	Bridge	Exterior Wall	C	Concrete	0.00	Neg.	
20	Bridge	Under Wall	Under	Concrete	0.01	Neg.	
21	Bridge	Under Wall	Under	Concrete	0.01	Neg.	
22	Bridge	Under Column	A	Concrete	0.01	Neg.	
23	Bridge	Under Column	C	Concrete	0.01	Neg.	
24	Bridge	Under Column	A	Concrete	0.01	Neg.	
25	Bridge	Under Column	C	Concrete	0.00	Neg.	



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 **EM@IL:** globalespr@gmail.com **PHONES:** 787-994-2203 / 787-607-8965

GES 2022- 222	XRF Serial Number: 101094	Project: Henry Klumb Bridge & South Square Rio Piedras in SJ, PR	Client: Hernandez Bauza PSC Arch.	LBP Inspector: Mr. Angel M. Rivera	Date: December 23, 2022	Page 22/29	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
26	Bridge	Wall	Center	Concrete	0.00	Neg.	
27	Bridge	Wall	Center	Concrete	0.01	Neg.	
28	Bridge	Wall	Center	Concrete	0.02	Neg.	
29	Bridge to Ground Floor Stair	Step	Center	Concrete	0.01	Neg.	
30	Bridge to Ground Floor Stair	Riser	Center	Concrete	0.00	Neg.	
31	Bridge to Ground Floor Stair	Floor	Center	Concrete	0.01	Neg.	
32	Bridge to Ground Floor Stair	Wall	Center/A	Concrete	0.01	Neg.	
33	Bridge to Ground Floor Stair	Wall	Center/B	Concrete	0.01	Neg.	
34	Bridge to Ground Floor Stair	Wall	Center/C	Concrete	0.00	Neg.	
35	Bridge to Ground Floor Stair	Step	Center	Concrete	0.02	Neg.	
36	Bridge to Ground Floor Stair	Riser	Center	Concrete	0.01	Neg.	
37	Bridge to Ground Floor Stair	Floor	Center	Concrete	0.02	Neg.	
38	Bridge to Ground Floor Stair	Wall	Center/A	Concrete	0.04	Neg.	
39	Bridge to Ground Floor Stair	Wall	Center/B	Concrete	0.01	Neg.	
40	Bridge to Ground Floor Stair	Wall	Center/C	Concrete	0.01	Neg.	
41	Bridge	Under Grille	Under	Metal	0.01	Neg.	
42	Bridge	Under Grille	Under	Metal	0.01	Neg.	
43	South Square Area	Bench	A	Concrete	0.3	Neg.	
44	South Square Area	Bench	A	Concrete	0.2	Neg.	
45	South Square Area	Bench	A	Concrete	0.3	Neg.	
46	South Square Area	Bench	A	Concrete	0.2	Neg.	
47	South Square Area	Planter Wall	A	Concrete	2.2	Pos.	90 sq. ft. approx.
48	South Square Area	Planter Wall	B	Concrete	2.1	Pos.	
49	South Square Area	Planter Wall	C	Concrete	2.4	Pos.	
50	Calibrate				1.0		
51	Calibrate				1.0		
51	Calibrate				1.1		



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ADDENDUM VI

TABLE SUMMARY OF COMPONENTS WITH LEAD BASED PAINT



TABLE SUMMARY OF COMPONENTS WITH LEAD BASED PAINT

FUNCTIONAL SPACE	COMPONENT	SIDE	SUBSTRATE	SQ. FT. APPROX./ Units
South Square Area	Planter Walls	A,B,C	Concrete	90 sq. ft. approx.



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ADDENDUM VII

PHOTOGRAPHS OF POSITIVE COMPONENTS WITH LEAD BASED PAINT



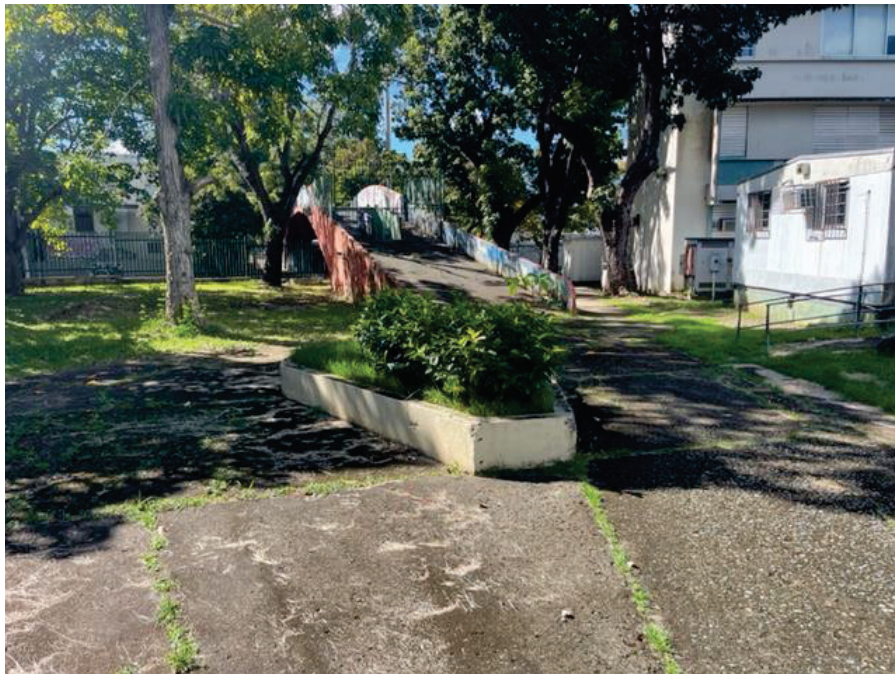
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South Square Area- Concrete Planter Walls with Lead Based Paint





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ADDENDUM VIII

*WHERE THE POSITIVE COMPONENTS AREA FOUND
WITH LEAD BASED PAINT*

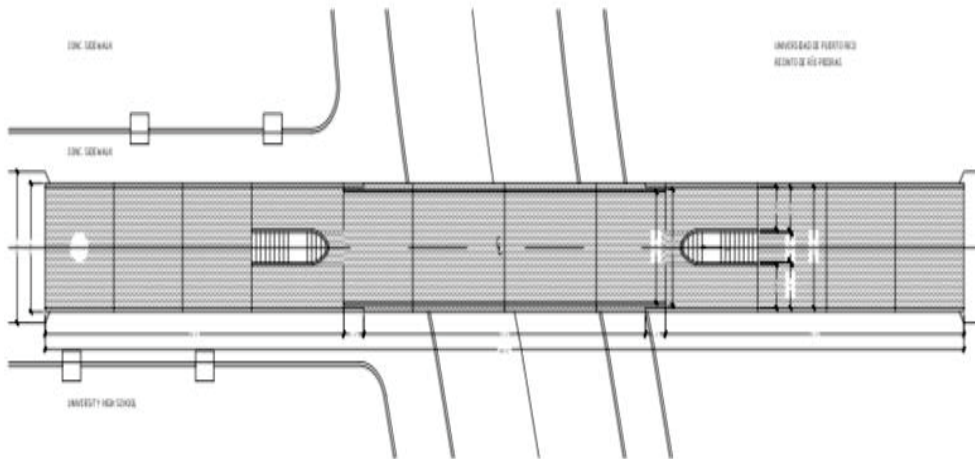


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LBP POSITIVE RESULTS LOCATIONS



NOT TO SCALE

Page 28/29



= CONCRETE PLANTER WALLS WITH LBP



ADDENDUM VI

CONCLUSION

Global Environmental Services LLC recommends the owner or representative of owner to hire a Company Certified in the Department of Natural and Environmental Resources (DNER) of Puerto Rico to mitigate and dispose positive areas with Lead Based Paint if is going to touch or demolish the aforementioned areas.

**Attachment VII: Endangered Species Endangered Species Act of
1973, particularly section 7; 50 CFR Part 402**



PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)
USFWS CRITICAL HABITAT MAP
(Source: <https://www.fws.gov>,
Esri Imagery Basemap)

0 475 950 1,900 2,850 3,800 Meters
1:100,000
GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R
Parcel ID: EXC-TMP-146-00

Coordinates:
18.401076, -66.050739
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200



Based on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is modified this office should be contacted concerning the need for the initiation of consultation under section 7 of Endangered Species Act of 1973.

July 12, 2023

Reviewer DAMARIS ROMAN RUIZ Digitally signed by DAMARIS ROMAN RUIZ
Date: 2023.08.15 09:18:03 -04'00'

EDWIN MUNIZ Digitally signed by EDWIN MUNIZ
Date: 2023.08.15 16:24:17 -04'00'
Caribbean ES Field Supervisor

Mr. Edwin Muñiz
Field Supervisor
Fish and Wildlife Service
Caribbean Ecological Services Field Office
PO Box 491
Boqueron, PR 00622

RE: Self-Certification under Blanket Clearance Letter for federally sponsored projects, Housing and Urban Development, for PR-CRP-000955 Improvements Puente Henry Klumb

Dear Mr. Muniz:

We submit for your review the enclosed Self-Certification to fulfill requirements related with the Blanket Clearance Letter dated January 14, 2013. This information is submitted to comply with Section 7 of the Endangered Species Act (ESA). The project is a CDBG-DR funded project; allocated by HUD to PRDOH as the grantee of the funds and the Municipality of San Juan as the subrecipient of the funds.

The Scope of Work (SOW) of this project is the improvement to the existing pedestrian bridge designed by Henry Klumb, the Paseo Braumbauh and a small Plaza in the UPR landing area of the bridge. We will be repairing existing concrete surface, pavements, proposing new ones, landscaping and include new lighting to the area. Please refer to enclosed maps and project description for details.

Should you require any additional information, please contact me at eco.landscape.pr@gmail.com or at the following phone number **(787) 637-3603**.

Cordially,

Plan. Laredo González, MP, PPL
Gabriel Berriz y Asociados
eco.landscape.pr@gmail.com
(787) 637-3603

Self-Certification

Endangered Species Act Certification

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Municipality of San Juan, Puerto Rico, certifies that the following project PR-CRP-000955 Improvements Puente Henry Klumb, San Juan, funded by HUD and located at Lat 18.401076, Long -66.050739, Cadaster **EXC-TMP-146-00**, complies with:

Check	Project Criteria
x	1. Street resurfacing.
x	2. Construction of gutters and sidewalks along exiting roads.
x	3. Reconstruction or emergency repairs of existing buildings, facilities and homes
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation
	6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach
x	7. Activities within existing Right of Ways (ROWS) of roads, bridges and highways when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
	9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
	10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
	11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.



Milagros Murphy

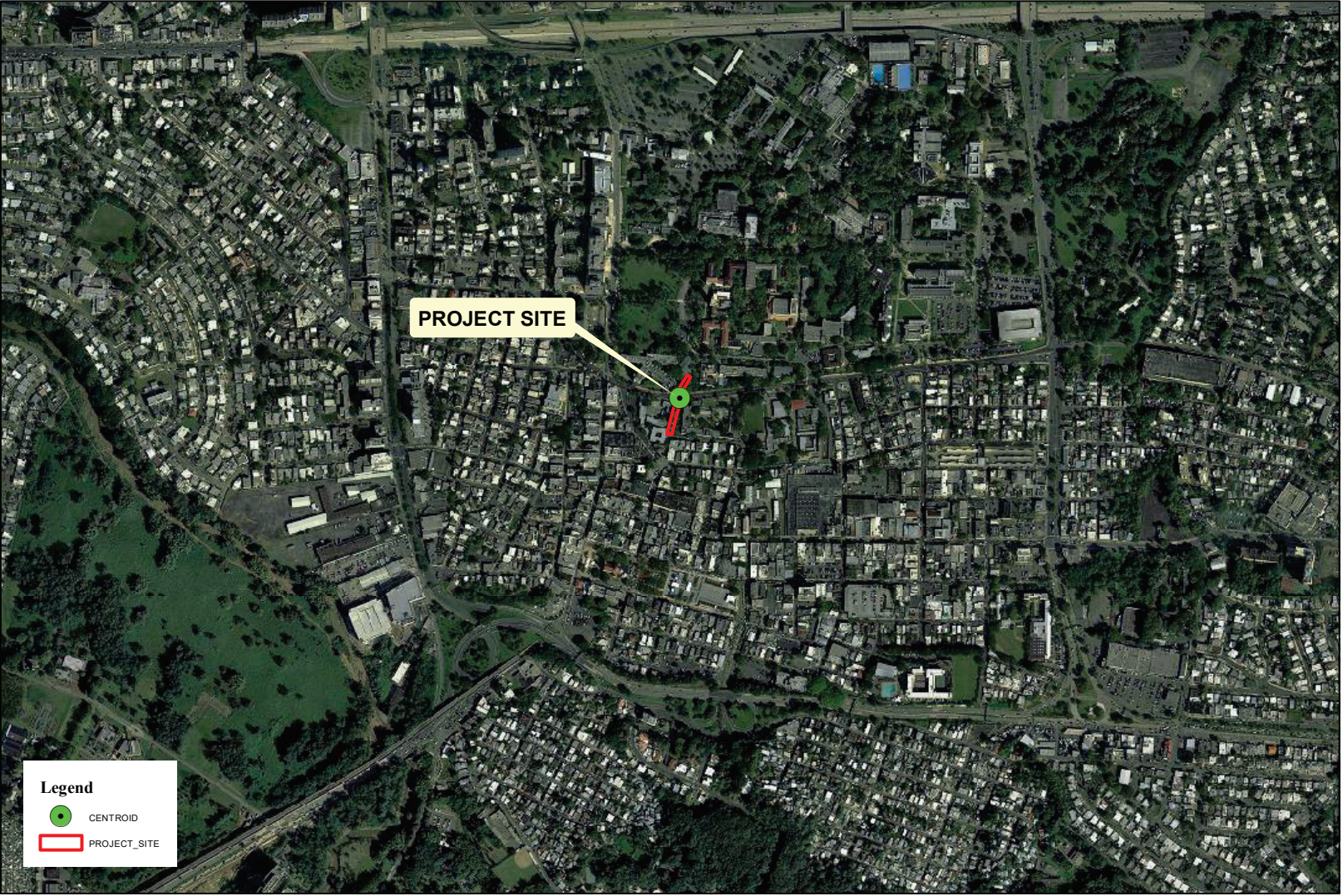
Executive Officer & POC Address: PO Box 70179 San Juan, PR 00936-8179

Telephone and Ext / email: 787-480-3891 mmurphy@sanjuan.pr

8/4/2023

Date

Location Map and Project description



**PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)
LOCATION MAP
(Source: GIS.PR.GOV,
Esri Imagery Basemap)**

0 45 90 180 270 360 Meters
1:10,000
GBA- APR/2024
Plan. Laredo González

**OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R**

Parcel ID: EXC-TMP-146-00

**Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200**



HERNANDEZ-BAUZA, PSC, ARCHITECTS, PO BOX 361090 SAN JUAN, PR 00936-1090 TEL 787-751-7241, 758-9142

PROJECT SUMMARY & BASIS FOR DESIGN

Project: IMPROVEMENTS TO PUENTE HENRY KLUMB, PR-CRP-000955

Location: Ave. Gándara, Río Piedras, San Juan, PR

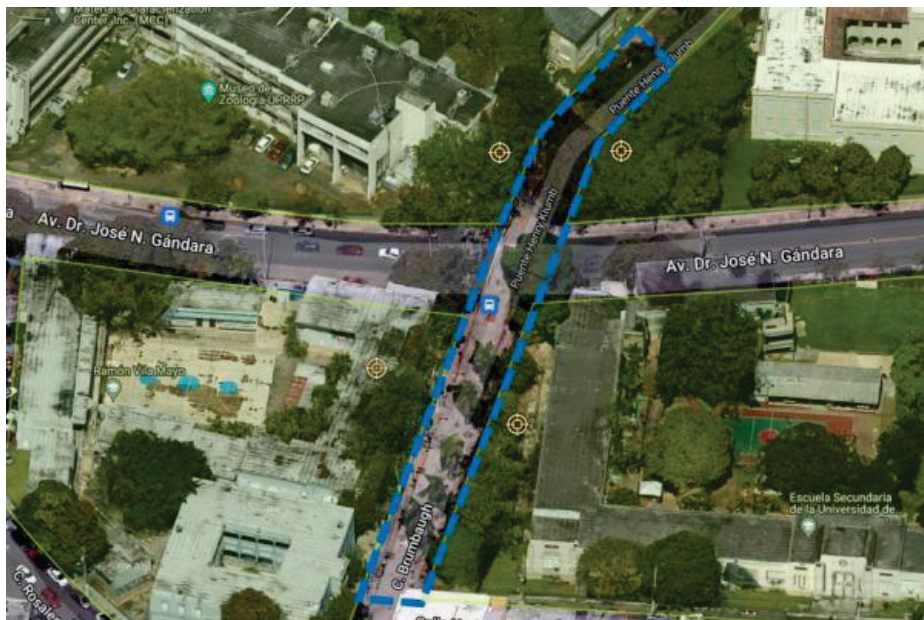
Owner: Autonomous Municipality of San Juan (MASJ) will be assuming ownership

The Autonomous Municipality of San Juan (MASJ) issued an RFP for the improvements to the Puente Henry Klumb, and our Firm was selected to design this project. The Puente Henry Klumb is a pedestrian connection between the University of Puerto Rico and the Río Piedras Ward of the city of San Juan. It crosses over the Gándara Ave. providing a walking path for students to reach services that Río Piedras offers. It was designed and bears the name of the icon architect Henry Klumb, who designed many of the UPR buildings that are still in use and represent an excellent example of Modernist architecture in Puerto Rico.

The bridge has been closed since 2017 (María Hurricane) with a metal fence in the UPR side and has deteriorated without any intervention or maintenance. At present no Government Agency or the UPR claims ownership of the bridge and at present the Autonomous Municipality of San Juan is doing the legal arrangements to assume it's ownership.

The Scope of Work (SOW) of this remodeling project covers the bridge and a small plaza at the end of the Braumbaugh street on the Río Piedras side and a small area inside the UPR grounds. Both landing areas of the bridge will be improved by our intervention without increasing their existing footprint.

Below you can see the area designated by the MASJ for the project:



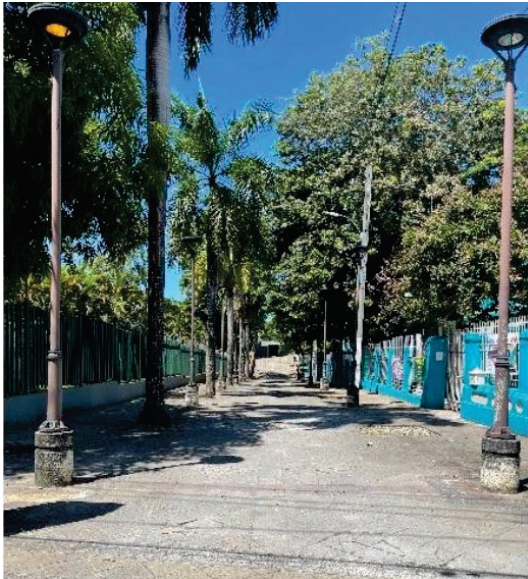
Infrastructure systems of water, sanitary sewer, electricity and storm sewer are present in the existing site. Below some photos of the existing bridge conditions:



Bridge sideview from Ave. Gándara looking East



Bridge crossing from Río Piedras side



Río Piedras side landing area



Sidewalks along the bridge from the Río Piedras side

The proposed improvements are:

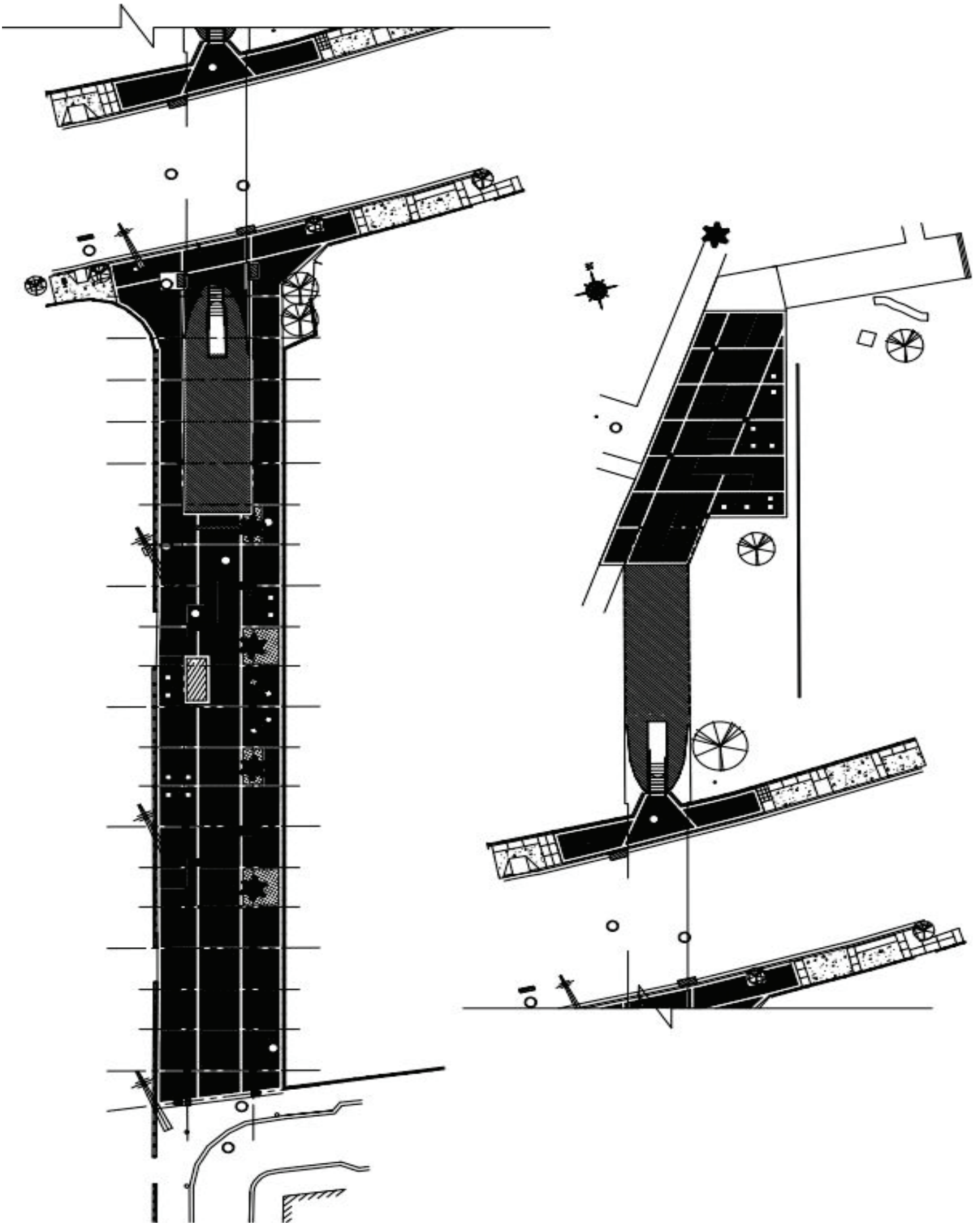
Restore and/or replace some of the existing features of the bridge and it's landing areas. No invasive structural work will be required in the bridge according to our structural consultant. Only surface improvements to repair some cracks in the concrete handrails will be performed. All the pavement surfaces on the bridge, the two sidewalk areas under the bridge and the landing areas will be replaced including the two stairs that connect the Ave. Gándara sidewalks to the bridge.

On the bridge, special lighting design will be implemented to highlight it's features and provide good security to students and public walking by. To comply with code requirement of 42" high handrails, new stainless-steel handrail will be added to the inside of the concrete handrails of the bridge. Some urban furniture, and landscaping will be provided for the landing areas. The existing lighting poles will remain with new lighting lamps in the area near the UPR.

Some other new elements include:

Benches, Bike Racks, trash cans, signage, cutting and pruning of trees, new green areas and new pavements for both landing areas.

Below is a proposed Schematic Site Plan for this project:



All the areas in this project have already been impacted. **It is not proposed to expand the footprint of the improvement project outside of the existing footprint of already impacted areas of the Bridge and its surroundings.**

We understand that this remodeling project qualifies for a Determination of Environmental Compliance by Categorical Exclusion since its execution does not present a significant environmental impact and complies with the following actions:

II. List of Actions:

D) Demolition or reconstruction and/or expansion actions:

13. Remodeling and reconstruction of existing structures.

E) Actions of installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

21. Replacement, rehabilitation, restoration or improvement of infrastructure works within the same footprint, such as, but not limited to: streets, roads, sidewalks, curbs, lateral slopes, bridges, culverts, rails and docks;

F) Mitigation actions, decoration, cutting and pruning of trees:

22. Maintenance work, cleaning, decoration, cutting and pruning of trees;

23. Paving, repaving or scarifying work;

III. Compliance Requirements for the action or work to obtain a Determination of Environmental Compliance by Categorical Exclusion:

A) General Requirements: **The following requirements will be applicable to all actions listed in Part II of this Administrative Order.**

1. It will not discharge pollutants to bodies of water that require the application of a new federal discharge permit under the program known as the National Permit Discharge Elimination System (NPDES), or a modification to the existing one.

2. The proposed action will not generate air pollutant emissions that exceed ten (10) tons per year of each criteria air pollutant or zero point twenty-five (0.25) tons of any hazardous air pollutant (HAP) or one (1) ton of any combination of pollutants dangerous atmosphere. Once these emission limits have been reached through one or several requests submitted through this Administrative Order, in a period of Five (5) years after said limits have been reached, a new request for categorical exclusion may not be submitted to add or modify additional sources that involve increasing the emission limits of an existing source.

3. The proposed action will not be fragmented or segmented into different stages in order to evade the requirements of an environmental document.

4. In the event that the proposed action is affected by the use or award of federal funds that require an evaluation process similar to that of NEPA (NEPA-Like Process), the proponent must ensure that it has complied with the requirements of the regulation of environmental documents of the DNER.

5. The action complies with the levels of noise and emission of artificial light, as established by the respective regulations promulgated by the DNER or any applicable legislation.
6. No activity shall be carried out within a body of water, unless it is a maintenance dredging, mitigation, investigation, measurement, monitoring or environmental remediation work.
7. The proposed action locates in an area where there are no infrastructure problems related to electricity, drinking water, storm sewer services and road capacity for access. The services for the disposal of used water must be provided through a connection to the sanitary system of the Authority of Aqueducts and Sewers, or by an alternative method such as holding tanks on the ground, or any other wastewater disposal system that is duly authorized by permission from the DNER or any other applicable agency.
8. The proposed action must comply with each of the specific requirements that are applicable to it.

D. Requirements for the Actions of demolition or reconstruction, remodeling and/or expansion:

1. In addition to compliance with the requirements established in Part III, Section A, Subsections 1 to 8, the action will only be approved through Categorical Exclusion if it complies with the following:
 - a) The reconstruction and/or remodeling must be carried out within the footprint of the existing structure, as long as the structure is not designated or included by the Institute of Puerto Rican Culture, the State Historic Preservation Office, or the Planning Board as a of historical or cultural value, and that is not listed on the National Register of Historic Places;
 - b) The proposed expansion will not imply the intensification of uses, nor will uses be added to those previously authorized by the use permit or location consultation;
 - c) The proposed expansion may not exceed twenty-five percent (25%) of the footprint area of the existing structure, up to a maximum limit of five thousand (5,000) square feet, and may not be located in:
 - i. Special areas at risk of landslides or tidal waves, including the maritime-terrestrial zone;
 - ii. Areas designated as Superfund Sites, and/or where the Department of Natural and Environmental Resources or other state or federal government agencies have determined that there is a degree of contamination that exceeds that allowed by current regulations;
 - iii. Ecologically sensitive or protected areas, as established by the Department of Natural and Environmental Resources, the Planning Board or any state or federal agency with jurisdiction;
 - iv. Areas where there are unique species of fauna or flora or that are in danger of extinction;
 - v. Areas that may ecologically affect natural or artificial systems either directly or indirectly;

vi. Areas that do not have infrastructure for the supply of drinking water, disposal of sanitary water, electricity or road capacity for the adequate management of motor vehicle traffic. This requirement is waived for single-family residences and agricultural projects in rural areas, where infrastructure or services of this nature are limited.

vii. Areas that constitute known or potential mineral deposits;

viii. Areas where there are archaeological sites or deposits of cultural value, as determined by the Institute of Puerto Rican Culture, the National Registry of Historic Places, and/or the State Office of Historic Preservation, as applicable;

ix. Areas of steep topography in hydrographic basins where sources of drinking water supply may be affected.

d) The demolition does not entail the use of explosives;

e) The structure to be demolished:

i. must be free of asbestos and lead;

ii. is not designated or listed by the Institute of Puerto Rican Culture, the State Historic Preservation Office, or the Planning Board as a structure of historic or cultural value, and is not listed on the National Register of Historic Places;

E. Requirements Actions for installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

1. In addition to compliance with the requirements established in Part III, Subsection A, Subsections 1 to 8, an action will only be approved through Categorical Exclusion if it complies with the following:

a) The installation of equipment, machinery or infrastructure works will be allowed in areas of existing easements or in previously built or impacted areas, with the exception of environmental monitoring or sampling equipment that is not subject to this restriction;

Submitted By:

Istra Hernández Cabán, RA, AIA
License #7399

Date: November 15, 2022

Other supporting Documents



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Caribbean Ecological Services

Field Office

P.O. Box 491

Boqueron, PR 00622

JAN 14 2013

In Reply Refer To:
FWS/R4/CESFO/BKT/HUD

Mr. Efrain Maldonado
Field Office Director
U.S. Department of Housing and Urban Development
235 Federico Costa Street, Suite 200
San Juan, Puerto Rico 00918

Re: Blanket Clearance Letter for Federally
sponsored projects, Housing and Urban
Development

Dear Mr. Maldonado:

The U.S. Fish and Wildlife Service (USFWS) is one of two lead Federal Agencies responsible for the protection and conservation of Federal Trust Resources, including threatened or endangered species listed under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) (ESA). In the U.S. Caribbean, the USFWS has jurisdiction over terrestrial plants and animals, the Antillean manatee and sea turtles when nesting. The National Marine Fisheries Service has jurisdiction over marine species, except for the manatee. The ESA directs all Federal agencies to participate in conserving these species. Specially, section 7 of the ESA requires Federal agencies to consult with the USFWS to ensure that actions they fund authorize, permit, or otherwise carry out will not jeopardize the continued existence of any listed species or adversely modify designated critical habitat. The USFWS issued regulations in 1986 detailing the consultation process. As part of this consultation process, the USFWS review development projects to assist Federal agencies on the compliance of the ESA.

The U.S. Department of Housing and Urban Development (HUD) typically allocate grant funds for rural and urban development projects. Obligations under the ESA, as well as the National Environmental Policy Act (NEPA), require HUD to perform consultation and an environmental impact review prior to the project's authorization. Primarily, these projects involve repair or reconstruction of existing facilities associated with developed land.

In order to expedite the consultation process, the Caribbean Ecological Services Field Office has developed this Blanket Clearance Letter (BCL) to cover for activities and projects that typically result in no adverse effects to federally-listed species under our jurisdiction. If projects comply with the project criteria discussed below, no further consultation with the USFWS is needed.

Project Criteria

1. Street resurfacing.
2. Construction of gutters and sidewalks along existing roads.
3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
4. Rehabilitation of existing occupied single family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
5. Demolition of dilapidated single family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
6. Rebuilding of demolished single family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low income families and/or facilities that have been affected by weather conditions.

Determination:

Based on the nature of the projects described above and habitat characteristics described on project criteria, we have determined that the actions and type of projects described above may be conducted within this BCL without adversely affecting federally-listed

species under our jurisdiction. Thus, consultation under Section 7 of the Endangered Species Act is not required.

In all situations, HUD, and the municipalities are expected to implement Best Management Practices, where applicable, to ensure that impacts from erosion and stream sedimentation are appropriately minimized.

The Service encourages your agency to enhance the conservation of our trust resources (i.e.; listed species, wetlands, aquatic habitats, migratory birds and marine mammals). We therefore, provide the following recommendations that have proven to help in this way.

Water Crossing Structures:

1. Use of bottomless culverts or single span bridges instead of traditional box or RCP culverts or any other water crossing structure that impacts the stream bottom, particularly in streams which support native fish. The use of bottomless culverts or a short span bridge would provide a more stable crossing and would not alter the stream habitat. However, if bottomless structures or bridges are not feasible due to cost or engineering constraints, we recommend the following criteria be used to maintain good habitat in the streams:
 - a. The stream should not be widened to fit the bridge since this can lead to sedimentation during low flows and possible bank erosion during high flows. Rather, the bridge should be designed to fit the stream channel at the point of crossing. Culverts should be sized to carry natural bank full flow. Additional flow can be captured by culverts placed at a higher elevation so as not to impact bank full flows.
 - b. Bridge abutments, wing walls or any other structures should not intrude into the active stream channel.
 - c. All culvert footings must be countersunk into the stream channel at both the invert and outlet ends at a minimum of 10% of the culvert height. This will align the water crossing structure with the slope of the stream.
 - d. Waterways must not be blocked as to impede the free movement of water and fish. Materials moved during construction, such as grubbing, earth fills, and earth cut materials must not be piled where they can fall back into the stream and block the drainage courses.
 - e. Appropriate erosion and/or sedimentation control measures are to be undertaken to protect water quality until riverbanks are re-vegetated. It has been our experience that appropriate erosion and/or sedimentation control measures are not implemented properly by project contractors. In order to function properly, silt fences need to be buried 6" (proper depth is marked by a line on the silt fence) and supported at regular intervals by wood stakes. For that reason we are recommending that

the enclosed drawing of proper silt fence installation is included in all final project construction plans.

- f. Upon completion of a water crossing construction, any temporary fill, must be removed from the construction area and disposed in a landfill.

Limitations:

Actions that do not meet the above project criteria, such as actions requiring placement of fill, disturbance, or modification to land outside of an existing access road or ROW; actions that occur on vacant property harboring a wetland and/or forest vegetation; actions requiring excavation, clearing of native vegetation, or alteration of storm water drainage patterns; or actions that require lighting which can be directly or indirectly seen from a beach, must be individually coordinated through the Caribbean Ecological Services Field Office and will be evaluated on a case by case basis.

The Service reserves the right to revoke or modify this BCL if:

1. New information reveals that the categories of work covered in this BCL may affect listed or designated critical habitat in a manner, or to an extent, not previously considered.
2. The categories of work included in this BCL are subsequently modified to include activities not considered in this review.
3. New species are listed or critical habitat designated that may be affected.

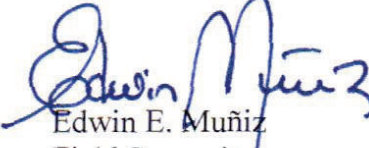
It is our mission to work with others, to conserve, protect and enhance fish wildlife and plants and their habitats for the continuing benefit of our people.

To obtain additional information on threatened and endangered species, you may visit our website <http://www.fws.gov/caribbean/ES> where you will also find the Map of the Species by Municipality and the Map of Critical Habitat. The USFWS has also developed a web based tool called IPac. Please visit <http://www.ecos.fws.gov/ipac> and familiarize yourself with the features we offer. We encourage you to begin your project planning process by requesting an **Official Species List** for your individual project that will include all species that may occur in the vicinity of the action area and includes a map of the action area. The site will also identify designated critical habitat, or other natural resources of concern that may be affected by your proposed project. At this time, best management practices or conservation measures are not available at the site but we expect the site to continue growing in its offering.

These maps provide information on the species/habitat relations within a municipality and could provide the applicants an insight if the proposed action is covered under this BCL or may affect a species, thus requiring individual review.

If you have any additional question regarding this BCL, please do not hesitate to contact Marelisa Rivera, Deputy Field Supervisor, at 787-851-7297 extension 206.

Sincerely yours,



Edwin E. Muñiz
Field Supervisor

Enclosures (Fact Sheets)

cc: OCAM, San Juan
Office of Federal Funds, 78 Municipalities of Puerto Rico
AAA
PRFAA
DNER



U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.
2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.
3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.
4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.
5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.
6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.
8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.
9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.
10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.
11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.
12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

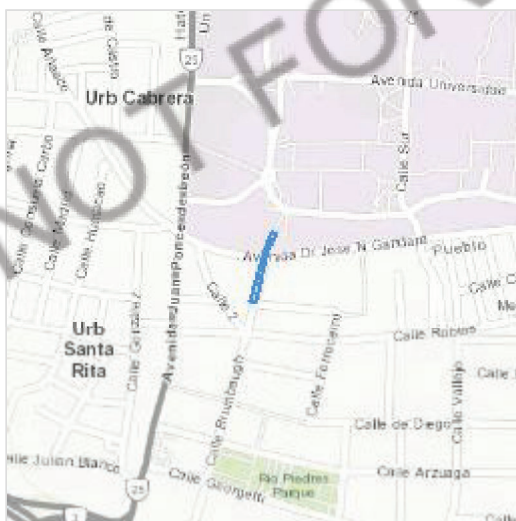
If you have any questions regarding the above conservation measures, please contact the Service:

- Marelisa Rivera, Deputy Field Supervisor
 - Email: maRELISA_rivera@fws.gov
 - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
 - Email: jose_cruz-burgos@fws.gov
 - Office phone (786) 244-0081 or mobile (305) 304-1386

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.

San Juan County, Puerto Rico



Caribbean Ecological Services Field Office

☎ (787) 834-1600

 (787) 851-7440

✉ CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Office Park I

State Road #2 Km 156.5, Suite 303}

Mayaguez, PR 00680

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 species¹ 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 Fisheries²).

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. IPaC only shows species that are regulated by USFWS (see FAQ).

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
Puerto Rican Boa <i>Chilabothrus inornatus</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6628	Endangered

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.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

There are no documented cases of eagles being present at this location. However, if you believe eagles may be using your site, please reach out to the local Fish and Wildlife Service office.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence 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). To see a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs of bald and golden eagles 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 [Rapid Avian Information Locator \(RAIL\) Tool](#).

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. Please contact your local Fish and Wildlife Service Field Office if you have questions.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

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 <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

The [data](#) in this location indicates there are no migratory [birds of conservation concern](#) expected to occur in this area.

There may be migratory birds in your project area, but we don't have any survey data available to provide further direction. For additional information, please refer to the links above for recommendations to minimize impacts to migratory birds or contact your local FWS office.

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](#) 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 list of migratory birds that potentially occur 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 [Rapid Avian Information Locator \(RAIL\) 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 to 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 or migrating in my 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 query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. 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 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.

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 (NWI)

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](#)

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does not replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

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 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 tubicid 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

Attachment VIII: Explosive and Flammable Hazards 24 CFR Part 51 Subpart C

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

→ 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

→ 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.

Worksheet Summary

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

The proposed HUD-assisted project does not comprise the development of a hazardous facility. The proposed project will not increase residential densities in the area. According with this information this topic is in compliance with HUD regulations.

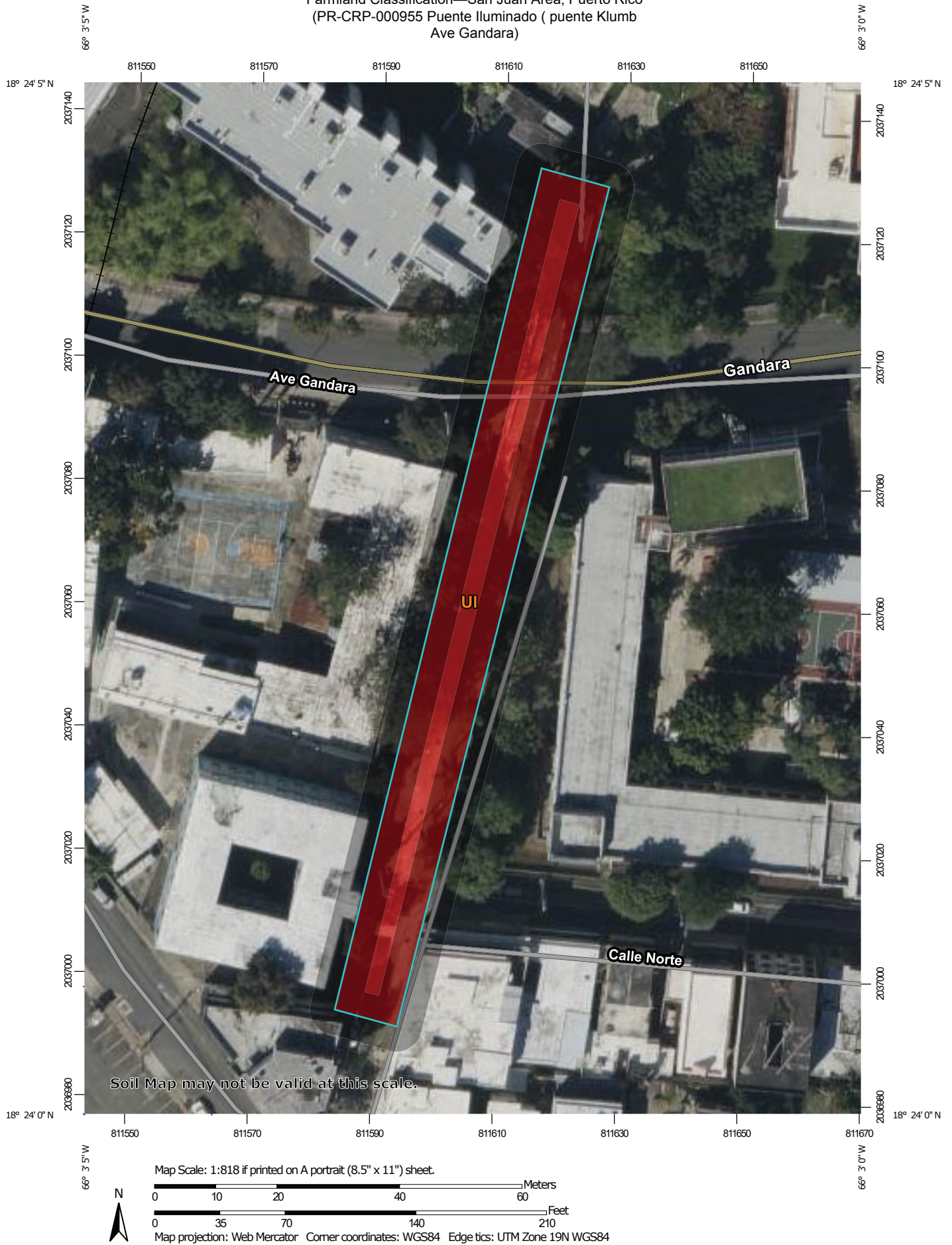
Are formal compliance steps or mitigation required?

☐ Yes

☒ No

**Attachment IX: Farmland Protection Policy Act of 1981,
particularly sections 1504(b) and 1541; 7 CFR Part 658**


Farmland Classification—San Juan Area, Puerto Rico
(PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)



Farmland Classification—San Juan Area, Puerto Rico
(PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara))









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 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

Farmland Classification—San Juan Area, Puerto Rico
(PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara))

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		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 reclaimed of excess salts and sodium		Farmland of unique importance		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		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season	Soil Rating Points			
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and 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		Not prime farmland		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if thawed		All areas are prime farmland		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season		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 thawed		Prime farmland if drained		Farmland of statewide importance
	Farmland of statewide importance, if irrigated				Farmland of local importance		Prime farmland if irrigated		Farmland of statewide importance, if drained
					Farmland of local importance, if irrigated		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
							Prime farmland if irrigated and drained		Farmland of statewide importance, if irrigated
							Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		

Farmland Classification—San Juan Area, Puerto Rico
(PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara))

	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 reclaimed of excess salts and sodium		Farmland of unique importance
	Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Not rated or not available
	Farmland of statewide importance, if irrigated and 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	Water Features	
	Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer				Streams and Canals
	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 warm enough	Transportation	
			Farmland of statewide importance, if thawed		Rails
			Farmland of local importance		Interstate Highways
			Farmland of local importance, if irrigated		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 17, Sep 13, 2023

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
UI	Urban land	Not prime farmland	0.4	100.0%
Totals for Area of Interest			0.4	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

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Attachment X: Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55 and EO 13690

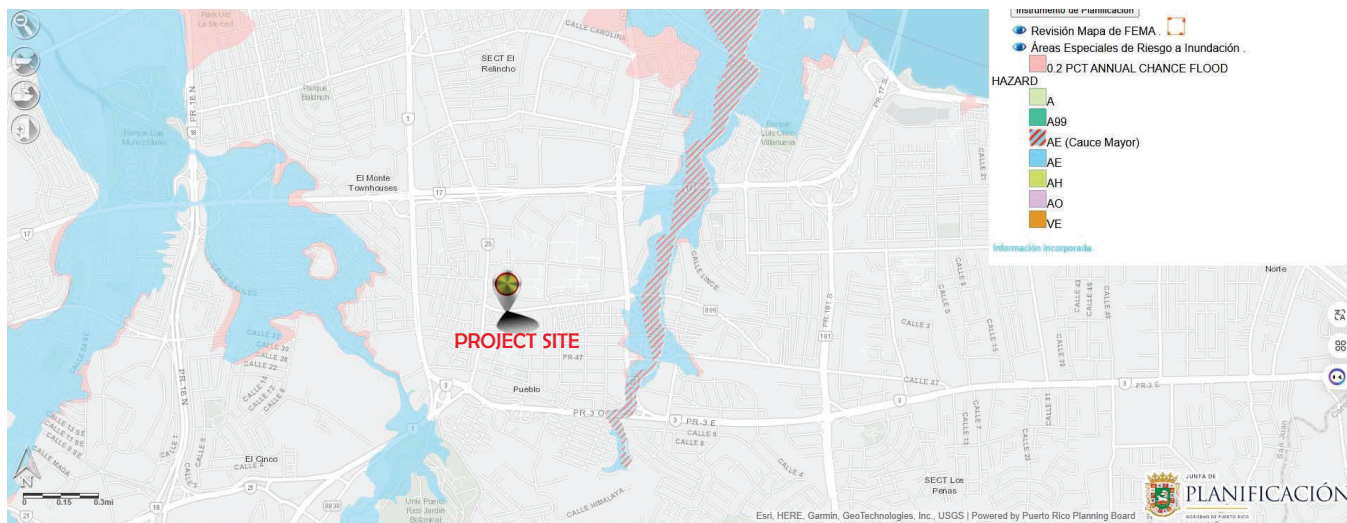
The Figure at the following page was generated by a WEB TOOL. The information depicted in the figure is produced and represented by the web tool engine and it is shown as generated by the web tool. The information here relate to the subject project and is included here as requested by PRDOH to complement what is shown in the figure. The geographic coordinates included here identify the location of the project but may not be accurately represented by the web tool.



**PR-CRP-000955 Puente Iluminado
(Puente Klumb Ave Gandara)**

OVER THE GÁNDARA AVE., RIO PIEDRAS WARD,
SAN JUAN, P.R

Coordinates:
Parcel ID: EXC-TMP-146-00 18.401131°, -66.050738°



**Attachment XI: Historic Preservation National Historic
Preservation Act of 1966, particularly sections 106 and 110; 36
CFR Part 800**



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio-Cancela | carubio@prshpo.pr.gov

Friday, November 8, 2024

Lauren Bair Poche

Historic Preservation Senior Manager
HORNE Puerto Rico
10000 Perkins Rowe, Suite 610 Bldg G
Baton Rouge, LA 70810

SHPO-CF-10-23-24-03 PR-CRP-000955 PUENTE ILUMINADO (PUENTE KLUMB, AVE. GÁNDARA), SAN JUAN, PUERTO RICO

Dear Ms. Poche,

Reference is made to your electronic communication dated November 5, 2024 regarding the above referenced project.

We would like to clarify that by inadvertent omission our letter of concurrence with your finding of "no adverse effect" the condition initially presented by the Agency was not included. The SHPO would like to reiterate its concurrence with said finding and believes the proposed condition ("Archaeological monitoring for the trench excavation areas because the excavation work on the landing areas and utility improvements could reveal ancient foundational remains from the beginnings of the ancient town of Río Piedras, today linked to San Juan.") is adequate. In addition, the archaeological monitoring plan that was submitted for our review and comments on May 9, 2024 has been evaluated and deemed acceptable.

If you have any questions or comments regarding this matter or require our further assistance, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/ODJR/SG



Re: Evaluación Completada Proyecto OECH - SHPO-CF-10-23-24-03

From Lauren Poche <Lauren.Poche@horne.com>

Date Tue 11/5/2024 3:36 PM

To notifications PRSHPO <notifications@prshpo.pr.gov>; PRSHPO Submissions <submissions@prshpo.pr.gov>

Cc Gloria Ortiz <gmortiz@prshpo.pr.gov>; Santiago Gala <sgala@prshpo.pr.gov>; Kristin Sanders <Kristin.Sanders@horne.com>

Good afternoon,

Thank you for your response for the undertaking for PR-CRP-000955, we greatly appreciate it. We would like to clarify one thing however, just to be on the safe side.

In the original submission uploaded to the portal on May 9, 2024, PRDOH proposed that the undertaking would have no adverse effect to historic properties, conditioned to archaeological monitoring and included a monitoring plan with the Effect Determination Form. We wanted to verify if your office feels that the proposed archaeological monitoring should be included as a condition, and if so, if the plan submitted on May 9th was deemed acceptable.

As always, thank you and we look forward to your response!

Best,
Lauren

Lauren Bair Poche, M.A.

EHP Senior Manager - Architectural Historian, Government Services | [HORNE](#)

D: 225.341.6171 M: 225.405.7676

[horne.com](#) [LinkedIn](#) [Twitter](#) [Insights](#)

From: notifications PRSHPO <notifications@prshpo.pr.gov>

Sent: Sunday, November 3, 2024 10:40 AM

To: Lauren Poche <Lauren.Poche@horne.com>

Subject: Evaluación Completada Proyecto OECH - SHPO-CF-10-23-24-03

This Message Is From an External Sender

This message came from outside your organization.

[Report Suspicious](#)



OFICINA ESTATAL DE
CONSERVACIÓN HISTÓRICA
OFICINA DEL GOBERNADOR

STATE HISTORIC
PRESERVATION OFFICE
OFFICE OF THE GOVERNOR



Evaluación completada

El proyecto **SHPO-CF-10-23-24-03** ha sido evaluado. Puede descargar la carta de determinación al presionar el ícono del sobre en la sección Mis Proyectos de SHPO Online. Si este proyecto cuenta con documentación adicional, la encontrará adjunta en este correo.

Resumen:

Núm. de referencia: **SHPO-CF-10-23-24-03**

Nombre del proyecto: PR-CRP-000955 (San Juan), Puente Iluminado (Puente Klumb Ave Gandara)

Descripción del proyecto:

This submission entails additional information on the bridge topping and results of concrete core samples.

Costo: \$1,451,500.42

Municipio: San Juan

Fecha de envío para evaluación / Fecha de sometimiento: 23 Oct 2024

Fecha límite para evaluación: 22 Nov 2024

Para cualquier consulta o estatus de la evaluación visite el portal: www.oechpr.com



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Sunday, November 3, 2024

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-10-23-24-03 PR-CRP-000955 (San Juan), Puente Iluminado (Puente Klumb Ave Gandara)

Dear Ms. Poche,

We acknowledge the receipt of your letter dated October 23, 2024 regarding the above reference project which clarifies our concern related to the structural integrity of the existing concrete slab and topping and how the proposed rehabilitation could prevent future deterioration of the materials of which it is built.

After a review of all the submitted documentation - including a geotechnical assessment, the PRSHPO agrees with your finding that the proposed project will have no adverse effect upon historic properties.

Please note that should the Agency discover any historic properties including archaeological findings 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/ SG



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

October 23, 2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

SHPO-CF-05-09-24-02, PR-CRP-000955: Puente Iluminado (Puente Klumb Ave Gandara) Project, San Juan, Puerto Rico – Additional Information

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing, we thank you for conducting a site visit to the Puente Klumb on August 29, 2024. During this visit, SHPO personnel emphasized the necessity of an in-depth study to determine and document the concrete topping's depth across the bridge surface. This assessment is crucial to ensure that any proposed interventions preserve the historical integrity of this significant structure.

A licensed geotechnical engineer conducted a series of five concrete core samples, detailed in the attached letter. The findings indicate that the concrete topping has varying depths across different sections of the bridge.

To address the current conditions, the Subrecipient's design team propose scarifying the existing topping to a uniform depth. This process will not affect the integrity of the original concrete slab. An epoxy adhesive coating will then be applied between the existing slab and the new aggregate topping to ensure a solid adhesion. Finally, a protective concrete sealer will be added to safeguard both the aggregate surface and the concrete slab from further deterioration.

Scarification of the Existing Concrete Floor Topping

The current concrete floor topping is in a state of significant deterioration, with visible cracks and sections where the topping has broken off (see attached figure 1-8). Additionally, newer concrete material has been applied in certain areas, covering the original surface (see figures 9-12). These cracks allow water infiltration, potentially leading to corrosion of the underlying materials. As such, prompt attention is required to prevent further damage and to maintain the historical and structural integrity of this bridge.

As always, we appreciate your cooperation and look forward to continuing our collaborative efforts on this project.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager
LBP/KPS

Attachments

Damaged topping exposed aggregate concrete floor surface.



Figure 1



Figure 2

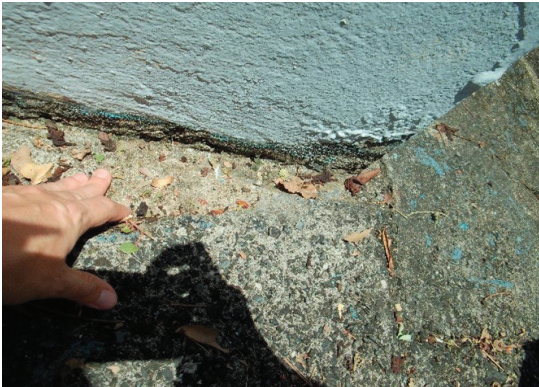


Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

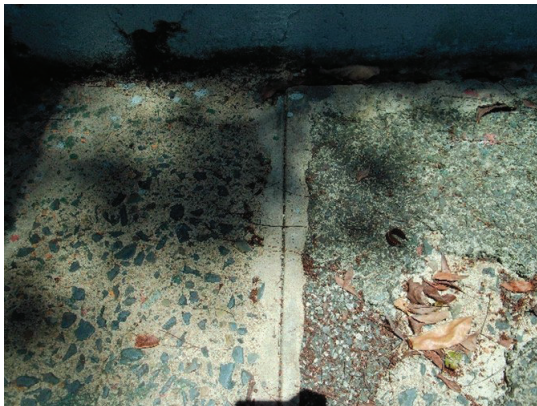


Figure 11

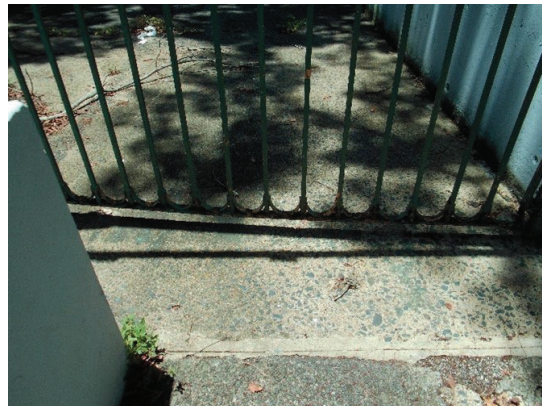


Figure 12



Geotechnical Engineering Services, PSC

September 27, 2024

Arch. Istra Hernández Cabán, CAAPPR, AIA
HERNÁNDEZ-BAUZA, PSC ARCHITECTS
P.O. Box 361090
San Juan, Puerto Rico 00936-1090
istraher@gmail.com

Reference: Results of Concrete Cores at Henry Klumb Bridge,
Río Piedras, Puerto Rico

Architect Hernández,

On Friday, September 20, 2024, we retrieved five (5) shallow cores at the concrete surface of the Henry Klumb Bridge, located at Dr. José N. Gándara Avenue, in Río Piedras, Puerto Rico. The purpose of the cores, was to determine thickness of concrete topping (if any) over the rigid pavement. **Table # 1**, present a summary of our findings. **Figure 1**, present a site plan with the location of the cores. Following figure 1, photos of each core are also presented.

TABLE # 1

Core #	Core Length (inches)	Thickness of Topping (inches)
1	3	Less than 1/8
2	3.5	Between 1.25 to 2.0
3	2.25	1
4	3	1
5	2.75	Less than 1/8

Respectfully submitted,

Aniel Grillasca Rodriguez, P.E., M.E.C.E.

agr\244301



Cores at Henry Klumb Bridge - Río Piedras

September 27, 2024

Page 2

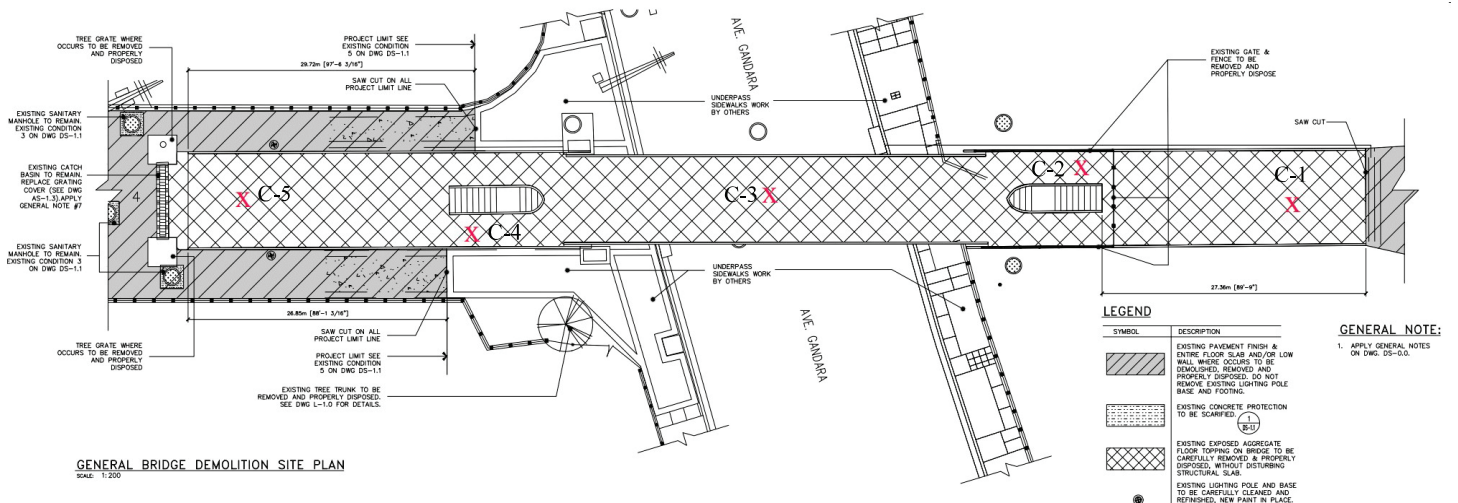
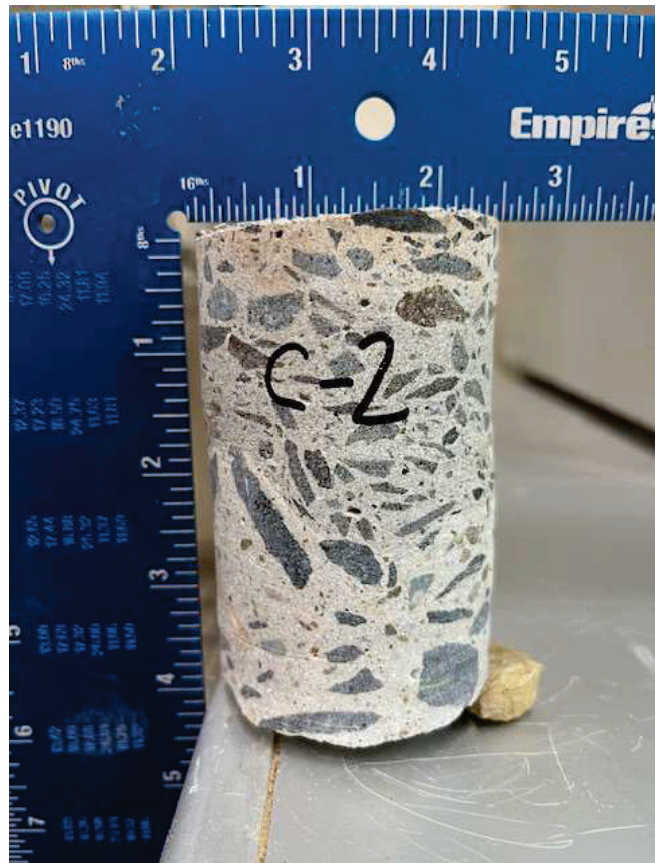
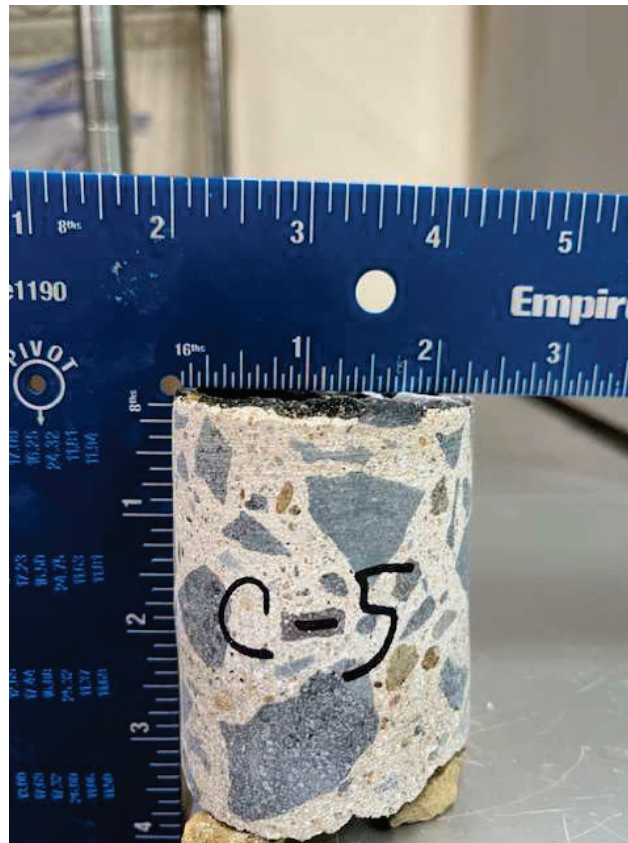
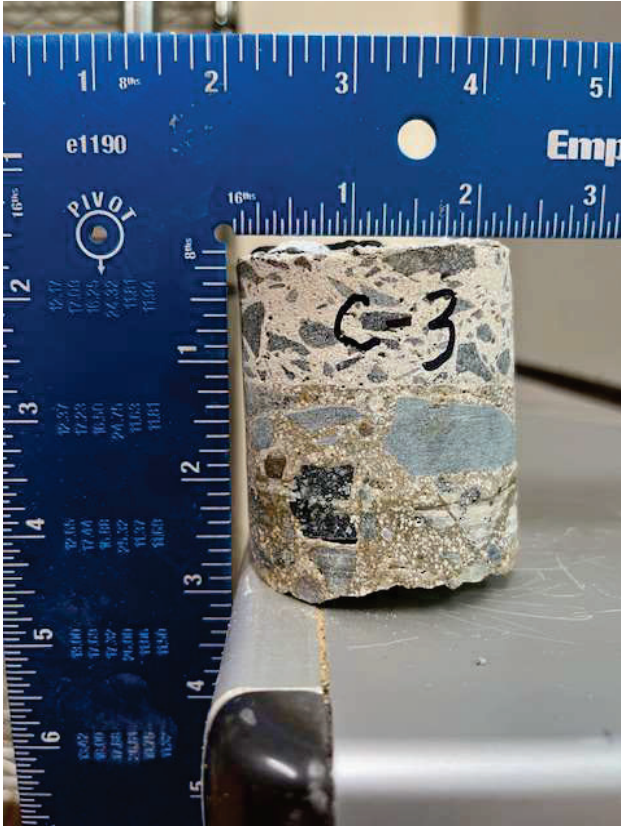


FIGURE 1





July 25, 2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

**SHPO-CF-05-09-24-02, PR-CRP-000955: Puente Iluminado (Puente Klumb Ave Gandara) Project,
San Juan, Puerto Rico – Site Visit Request**

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing, thank you for your letter dated June 7, 2024, in which you conveyed the SHPO's concerns regarding the potential adverse impacts of the proposed project design, particularly concerning the use of mosaic art and the removal of the existing concrete floor covering in certain sections of the Henry Klumb Bridge in Rio Piedras.

Recently the Subrecipient's design team and Plexos Group's SOIs met. During this meeting, they discussed your highlighted concerns, and the design team presented their proposals to address the two observations raised. For your consideration, I am including the details of the course of action proposed to avoid any potential adverse effect:

Installation of mosaic wall art on the structure's abutments

- In a meeting held on 6/13, designer team confirmed that the mosaic art component will be eliminated on the 100% construction drawing that still are under development.
- The adverse effect will be avoided by not installing the mosaic art. Instead, the proposed action will be to properly clean and paint the wall surface as it was before.

Removal and disposal of the existing concrete floor topping

The concrete floor topping shows substantial deterioration. There are cracks around the walkable surface, and parts of the existing topping have broken off (refer to images 1-8). In addition, the surface near the

landings was subsequently intervened with new concrete material (refer to images 9-12) that covers the original surface.

Cracks in the surface can allow water to infiltrate, leading to further damage through corrosion of underlying materials. Moreover, the current informal use and site conditions, create a hygiene and salubrity issue, that we understand will be validated in a site visit with all stakeholders.

As always, we appreciate your cooperation and look forward to continuing our collaborative efforts on this project.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Damaged topping exposed aggregate concrete floor surface. Existing depth varies from 2-3".



Figure 1



Figure 2

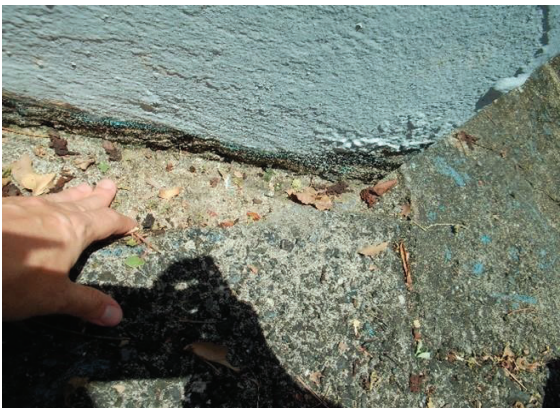


Figure 3

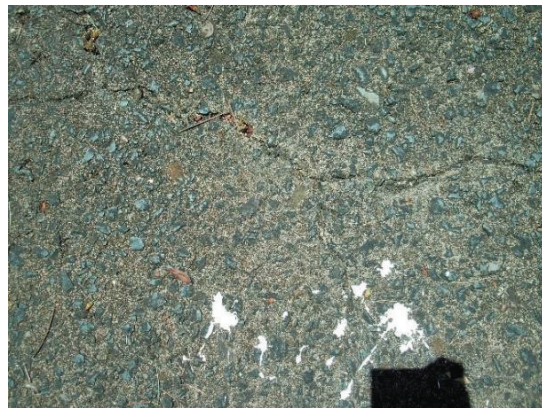


Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Friday, June 7, 2024

Lauren B Poche

269 Avenida Ponce de Leon, San Juan, PR, 00917

SHPO-CF-05-09-24-02 PR-CRP-000955 (San Juan), Puente Iluminado (Puente Klumb Ave Gandara)

Dear Ms. Poche,

The SHPO 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. 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.

After a thorough review of the submitted documentation, we believe that the installation of mosaic wall art on the structure's abutments and the "careful" removal and disposal of the existing concrete floor topping could have the potential to cause adverse effects upon this historic properties per §800.5 (a) (2) (i) "Physical destruction of or damage to all or part of the property"; (ii) "Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation and provision of handicapped access, that is not consistent with the Secretary's Standards for the Treatment of Historic Properties (36 CFR part 68) and applicable guidelines"; and (iv) "Change of the character of the property's use or of physical features within the property's setting that contribute to its historic significance."

As such, the SHPO cannot concur with a finding of "no adverse effect" conditioned at this moment. The Agency official will need to consult further with the SHPO to develop and evaluate alternatives or modifications to the undertaking that could avoid, minimize or mitigate adverse effects on historic properties, as per 36 CFR § 800.6.

If you have any questions or comments regarding this matter or require our further assistance, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ SG



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

May 9, 2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Section 106 NHPA Effect Determination Submittal for PR-CRP-000955: Puente Iluminado (Puente Klumb Ave Gandara) Project, San Juan, Puerto Rico – *No Adverse Effect, Conditioned*

Dear Architect Rubio Cancela,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) 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 (PRDOH) 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 PRDOH and the subrecipient, the Municipality of San Juan, HORNE is submitting documentation for the Puente Iluminado (Puente Klumb Ave Gandara) Project which is located within the National Register of Historic Places-eligible Río Piedras Traditional Urban Center. The municipality is proposing the rehabilitation and repair of the 1958 Henry Klumb Bridge in Río Piedras. The undertaking includes repairs to the concrete handrails, installation of stainless steel handrails inside the concrete handrails to meet code requirements, new light luminaries, new urban furniture and landscaping in the landing areas, and replacement of paved surfaces on the bridge itself, sidewalk areas under the bridge, rest areas, and stairs. The full scope of the project is described in detail within the submitted documentation, which includes mapping, photographs, and 90% design plans.

Based on the provided documentation, the Program requests a concurrence with a determination that no adverse effect to historic properties affected is appropriate for this undertaking, conditioned to archaeological monitoring for the trench excavations associated with the utilizes. An archaeological monitoring plan has been prepared and included with the submission for review and comment as to its appropriateness for implementation in this undertaking.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.


Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Autonomous Municipality of San Juan	
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955

Project Location: Ave. Gándara, Int. Brumbaugh Street, Río Piedras, San Juan, Puerto Rico	
Project Coordinates: 18.401131°, -66.050738°	
TPID (Número de Catastro): EXC-TMP-146-00	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction	
Construction Date (AH est.): 1958	Property Size (acres): 0.301

SOI-Qualified Architect/Architectural Historian: Zuleyka Hernández Miranda (Reviewed by SOI Sara Aponte)
Date Reviewed: July 23, 2023
SOI-Qualified Archaeologist: Maritza Torres Martínez (Reviewed by SOI Imandra Martínez)
Date Reviewed: 10/10/2023, 12/11/2023, 3/7/2024, 3/22/24, 4/20/24


In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties.

Project Description (Undertaking)

The proposed project will restore and/or replace some of the existing features of the bridge and its landing areas. Improvements will be made to repair some cracks in the concrete handrails. All pavement surfaces on the bridge, the two sidewalk areas under the bridge, and rest areas, including the two stairs that connect the Gándara Ave., sidewalks to the bridge, will be replaced. On the bridge, a special lighting design will be implemented to highlight its features and provide safety to students and the walking public. See Figures 1 and 2.

To meet the code requirement for 42" high handrails, new stainless-steel handrails will be added to the inside of the bridge's concrete handrails. Urban furniture and landscaping will be provided for the landing areas. The existing lighting poles will be maintained with new lights in the area near the UPR. Demolition, debris removal and reconstruction will be the land disturbance activities. The luminaires will be replaced with an intervention of approximately 2'X6". Some other new items include benches, bicycle racks, trash cans, signage, tree cutting and pruning, new green areas, and new pavements for both landing areas.

In the two landing areas, Brumbaugh Street Plaza and UPR Plaza there will be demolition and new foundation work. In these landing areas all concrete and paver surfaces will be removed for the placement of a new concrete slab and paver surface. This requires excavating an

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO GOBIERNO DE PUERTO RICO
Subrecipient: Autonomous Municipality of San Juan	
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955

additional 8 inches of all ground area to then place an 8inch compacted aggregate base for the new concrete and paver surface. These areas also include some elements that require foundations. These include bollards, signage, lighting poles and a new gate in the UPR Plaza.

According to the Municipality of San Juan's Request for Proposals (RFP) Project Description and the Architect's Scope of Work, we quote:

“The Puente Henry Klumb, built in 1958, is a pedestrian connection between the University of Puerto Rico (UPR) and the Río Piedras Ward of San Juan. It crosses over Gándara Ave., providing a walking path for students to reach Río Piedras's services. It was designed and bears the name of the icon architect Henry Klumb, who designed many of the UPR buildings that are still in use and represent an excellent example of Modernist architecture in Puerto Rico.


The bridge has been closed since 2017 (after María Hurricane) with a metal fence and gate on the UPR side and has deteriorated without any intervention or maintenance. The proposed scope of works covers nearly 9,650 square feet or 897 square meters of surface improvements.

- Demolition, clearing, and reconstruction of both landings at the Puente Klumb
- Grubbing of areas destined for lighting, approximately 2' x 8".

(Please refer to 90% Construction Drawing, pages: DS-1.0, AS-1.3)

Ground disturbance of proposed project.

In the pedestrian bridge, no demolition nor ground disturbance is proposed. In the two landing areas, Brumbaugh Street Plaza and UPR Plaza there will be demolition and new foundation work. In these landing areas all concrete and paver surfaces will be removed for the placement of a new concrete slab and paver surface. This requires removing an additional 8 inches of all ground area to then place an 8-inch compacted aggregate base for the new concrete and paver surface. These areas also include some elements that require foundations. These include bollards, signage, lighting poles and a new gate in the UPR Plaza. An estimate excavation of 24 inch by 24 inch by 30-inch depth for the new foundations of the above-mentioned elements. At the UPR Plaza landing, a new storm sewer trench drain, and storm sewer pipe will be connected to the existing catch basin at Ave. Gandara. An excavation is required for the trench drain of 36 inches wide by 36 inches height by 17 feet long. The excavation of the storm sewer pipe requires a trench of 24 inch wide by 24-inch height by 72 feet long. For all electrical works an excavation trench is required for electrical conduit placement of 8 inches wide by 24 inches deep. New lighting poles foundations require a 24 x 24 x 24-inch excavation.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
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Area of Potential Effects


As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is 0.7 acre (2759.55 square meters). The Direct APE consists of the bridge and sidewalks along both sides of the bridge, eastward to the University High School building's west side boundary and westward to the Ramon Vila Mayo school boundary. To the north, it extends 50 meters from José N. Gándara Avenue to the end of the bridge, landing on the UPR campus grounds. To the south, it extends 54 meters from José N. Gándara Avenue to Brumbaugh Street (See Figure 1)

The Indirect APE is the viewshed of the proposed project. It extends 73 meters from Brumbaugh Street towards the university grounds. To the south, it extends 76 meters from José N. Gándara Avenue towards North Street. It extends 44.74 meters east from the east wall of the bridge and 42.51 meters from the west wall to the west. The project location is observed across José N. Gándara Avenue when traveling along Brumbaugh Street towards the project location and/or from the UPR Campus' grounds towards the project location.

The viewshed is composed of a variety of different buildings from different styles, uses and times. Buildings located on the University side are institutional or educational, ranging from the 1910's to 1960's. Some architectural styles are Spanish Revival for the earlier buildings and tropical modernism for the later. To the south side, the educational buildings of Ramon Vila Mayo from 1940's are neoclassical styles.

The Klumb Bridge stands near the west start of Avenida Gándara in Río Piedras. German architect, Henry Klumb, designed it in 1957 as a pedestrian connector between the Río Piedras campus of the University of Puerto Rico and the Río Piedras neighborhood located south of Avenida Gándara, which is the road limit shared by both areas. The bridge's landing on the UPR site lies merely .03 miles from the UPR Quadrangle, which has been NRHP Registered since 1984. Likewise, the landing on the Río Piedras side is between the University High School and the Ramón Vila Mayo School.

In 1995, Marcial E. Ocasio, Ph.D. along with the *Consejo de Seguridad Vecinal de Río Piedras Pueblo*, the Puerto Rico State Historic Preservation Office, the Municipality of San Juan, and the University of Puerto Rico, prepared an Inventory of the Historical and Architectural Resources of Río Piedras from 1823-1951. According to the Quadrangle nomination and the Inventory of Río

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
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Piedras, some properties contribute to the district, and others do not. The area that we have delimited as APE is confined to the facades of the buildings containing the bridge, which are NRHP eligible. The area that comprises the APE is equivalently confined to 1,220 square meters.


Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area has been studied in relation to its known archeological resources and the potential for archaeological deposits within a .25-mile radius in reference to direct and indirect APE. To the North, we can see the structures of the University of Puerto Rico, Museum, adjoining lots, to the South the Ramón Vila Mayo School and the Secondary School of the University of Puerto Rico. To the East and West, José Gándara Avenue. See Figures 1-3.

o Historic Context

Before the bridge, student access to the study buildings of the University of Puerto Rico was very dangerous, crossing Gándara Avenue. The transportation only reached the public square of Rio Piedras and they had to walk approximately 400 meters to the university buildings with the danger of crossing Gándara Avenue. In 1944, Henry Klumb moved to Puerto Rico with his wife and son to direct the Committee for the Design of Public Works of Puerto Rico. During the following years he was in charge of establishing the master plans for the University of Puerto Rico, including the construction of several iconic structures (facades, access stairs) such as residences, libraries, agricultural research centers, and academic buildings, as well as the bridge of access on Gándara Avenue, to the buildings with classrooms, today known as Henry Klumb, which solved the problem of safe access for students and employees to the university buildings. Before the bridge the railroad passed through Gandara Avenue. For location purposes, see aerial photography of 1931, 1936 and 1962 (Figure 24 and 25).

Rio Piedras was an ancient municipality (eligible as a District to the NRHP), today is a neighborhood of San Juan, it has played an important role in the development of transportation, education, and commerce in the country. In 1647, there was already a hermitage (a wooden ranch) dedicated to Nuestra Señora del Pilar in the area called El Roble. Its jurisdiction included the ranches of Cangrejos Arriba, Cangrejo Abajo, Quebrada, Sabana Llana, San Antón, Guadalcanal, Doña Aldonza and the entire banks of the Piedras River. In 1714, the town of Río Piedras was founded around this hermitage. According to Ocasio, Rio Piedras existed based on the demographics of the time considering that San Juan was 12 miles away. In 1759, in a memoir addressed to the king of Spain, López de Haro wrote that Rio Piedras was commanded


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
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by a “comandante de guerra” with 46 soldiers, who had a priest or clergyman, like the other towns. He added that Río Piedras exceeds 110 years. It had no physical structure or urban area until the first 25 years of the 19th century. Its physical support was the church. To have an idea of its extension, in 1645 it included Cangrejos Alto and Bajo, Quebrada, Sabana Llana, San Antón, Guadalcanal, Doña Aldonza and the entire banks of the Piedras River with two “haciendas.” [Ref. Ocasio, pp.10-13]. Figures 16 and 17.

España Street was later Borinquen Street and today Brumbaugh Street. In our APE we can observe the Brumbaugh intersection with Gándara Avenue, before “Calle del Ferrocarril.” After 1775, a few decades later, its layout was apparently progressively defined, as the developing delimitations of this town are documented. It is surrounded by the “Quebrada de los Muertos”, “Quebrada Juan Méndez” and “Río Piedras.” The jurisdiction of this territory was broad, but it lacked an urban area until the beginning of the 19th century. [Ref. Toro, p. 360-361; Sepúlveda, I, pp.151-154; Ocasio, p.10-13]. Figures 16, 17 and 24.

In reference to historical development, at the beginning of the 18th century, a wooden church, a parish house, and a prison were built as part of the public works of the new town. General Ralph Abercromby's invasion of San Juan in 1797 threatened the town. A camp of volunteer soldiers was established, and the military spaces (including Río Piedras) were made up of civil urban militias that were part of the defense of Governor Ramón de Castro. One of the English outposts managed to enter the El Roble site, the locals, including prisoners, managed to confront the intruders and continued their attacks. The advance of the Río Piedras militia by its commander hindered General Abercromby's attack (Castillo Manrubia, pp.29-4 y López Reyes, 75, 81, 87, 89).

In 1823, the urban area of Río Piedras was limited to these three buildings. That same year, the town hall or municipal council meeting in “La Convalecencia” or the summer home of the governors, approved the reconstruction of the deteriorated church (in 1824 its construction in masonry and bricks began), the construction of a new prison, a butcher shop and a slaughterhouse in addition to the founding of the town hall. The neighborhood is scattered. In 1828, the territory is divided into four parts: Robles, Cupey, Caimito and Monacillos. In 1878, an authorization was granted to Don Pablo Ubarri to establish a steam tram in Santurce, between San Juan and Río Piedras. P.R Railway Light & Power Co. Acquired the tramway. The railroad passed through the new Gandara Avenue, before Ferrocarril Street. According to Luis Pumarada O'Neil, construction of the ring railway began on October 15, 1888 with the participation of Puerto Rican engineers Tulio Larrinaga and Antonio Ruiz Quiñones. By 1898, the French-owned firm that owned the franchise, the Puerto Rico Railway Company, had inaugurated 270 unconnected kilometers that spanned from Carolina to Camuy via San Juan

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO GOBIERNO DE PUERTO RICO
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and Rio Piedras, from Aguadilla to Hormigueros, and from Ponce to Yauco. [Toro, p. 360-361; Sepúlveda, I, pp.151-154; Ocasio, p.11, 13]. See Figures, 15-16.

Picó, Iglesias and Sánchez describe the route of the old neighborhood: At the entrance of the Old Río Piedras, at km. 11, Hm. 6.1 and follows State Highway No. 1 (25), Muñoz Rivera Street in a southwest direction, until it joins State Highway No. 3 (47). Continue this street in a southeast and then northeast direction, until you reach its intersection with Vallejo Street, continue this street in a northerly direction (general), until the intersection with the American Railroad Company of Puerto Rico track. Continue along the railroad track (or street) in a general southwest direction, until you reach the level crossing at km. 11 Hm. 6.1 of State Highway no. 1, Muñoz Rivera Street, starting point of this description (p.21).

As per Sepúlveda, modernist architects like Henry Klumb, designed many of the structures, homes or institutional buildings and built on the spaces or military bases. It is an almost unexplored field where thousands of families lived. In these closed spaces, shops, airports, trams and practically autonomous town were also built. This information is of interest to historical archaeology to research the depths of the cultural and historical subsoil. From 1877 and 1880 we should not talk about the development of Rio Piedras without the tram. The closest thing is to see the old photo, shows the tram in 1899. Vol. 2, p. 161. Figure 19. We can observe the intersection of the Gándara avenue and Brumbaught street, from its planning in 1880. See figures of sketch, cartography, and aerial photos (Figure 16, 17, 20, 21, 24 and 25).

Potential for Intact Deposits

Previous archaeological studies reviewed within a quarter-mile radius (See table 2), show that three studies yielded positive results. The first and closest to the direct APE is the Phase 2 study for the Plaza Universitaria parking lot, conducted by Ethel Schlafer (2002) 0.16 miles northwest. The researcher detected historical artifacts. The second study, a Phase 1A documentary research without excavations, was carried out by Adalberto Maurás (2006) in the Museum's Art House, 0.20 miles north. The researcher determined that the area has historical potential and therefore reported a positive result, recommending Phase 1B with subsoil tests that were never completed. The third study, also a Phase 1A documentary research without excavations, was carried out by Antonio Daubón in 2014 for the floor repairs of the Nuestra Señora del Pilar Church, located 0.22 miles southwest. The researcher reported positive results regarding archaeological potential and recommended monitoring within the church. No subsequent study was ever conducted.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO GOVERNMENT OF COMMONWEALTH
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The Henry Klumb Bridge, built in 1958, is surrounded by historic properties as it connects the Río Piedras Campus of the University of Puerto Rico to the Río Piedras Traditional Urban Center, spanning over the Dr. José N. Gándara Avenue. To the north, historic university buildings such as the Agustín Stahl Building (Music Department), built between 1931 and 1946; Facundo Bueso Building (Annex of Faculty of Natural Sciences), built in 1949; and the Antonio S. Pedreira Building (Faculty of Humanities), built in 1937. To the south, we can find the Hawthorne School, built in 1901; the Ramón Vilá Mayo School, built about half a decade later; and the University High School (UHS), built in 1929.

Archaeological material deposits from the 19th and 20th centuries associated with the urban development of Río Piedras, such as structural remains, building footprints, construction materials, public infrastructure, and isolated artifacts, among others, may be exposed by ground-disturbing activities. Line B, the railroad segment from the Martín Peña Station to the Río Piedras Station, traversed through what is now Dr. José N. Gándara Avenue, connecting the town of Carolina with the capital city of San Juan. It was built in 1899 to connect Río Piedras with the coastal town of Humacao, though the railroad line only reached Carolina and was eventually discontinued in 1950. Ground-disturbing activities within the direct APE could also uncover historic material remnants of the railroad industry.

Land use and transformation of the APE:

We find an old photo of the use of the train documented by Mr. Frank G. Carpenter when he visited the island, he went to Río Piedras in the summer of 1899 and published it in “Our Islands and Their People” (Figure 19). The first homes of the El Roble (old town), including the military spaces of the old town, were transformed into more residences and businesses, as the town grew in transition towards the founding of the town. This included the arrival of the tram, new roads and later roads and buildings that we see today. In this way the first civil authorities and other urban organization or development arrived. The town of El Roble was an obligatory stop for anyone who needed to stock up on meat, vegetables, animals, and other essential items for the residents of the surrounding neighborhoods and town. See Figures 12-13.

The expansion of Brumbaugh Street, Obispado Street, Vallejo Street and what would later be known as Ferrocarril Street, today Gándara Street, occurred at the beginning of the 20th century. The creation of a railroad between the town of Río Piedras and the agricultural lands that were eventually acquired for the creation of the UPR spurred urban growth north of Río Piedras. All streets in the Capetillo neighborhood intersect with Robles Street, running north to the then railroad track. This is evidence that the neighborhood is already part of a planned modern expansion of the urban center of Río Piedras (Figures 12-13).

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In 1925, the Department of the Interior drew a map of the University of Río Piedras site between the Baldorioty Building and the Central Highway where we can see the railroad line that runs east of the university grounds from north to south, and the existence of Brumbaugh Street is also evident. This street continued north into the university grounds. The previous impacts are also reflected in the improvements and maintenance of the road, in the infrastructure below the surface, and new constructions on the perimeter that involve planting trees, sidewalks, registers and new elements such as lighting poles (Figure 20).

References:

1. Castillo, Marubia. La defensa de Puerto Rico en 1797. Revista de Historia Naval, 1991.
2. Cruz Monclova, Lidio. 1962. Historia de Puerto Rico. Primera parte. Edit. UPR.
3. De Hostos, Adolfo. 1966. Historia de San Juan: Ciudad Murada (1521-1898). Instituto de Cultura Puertorriqueña.
4. Gaztambide Arrillaga, Carlos. Historia de Río Piedras. Río Piedras: Edición del autor, 1985.
5. Gulik de Torres, Natalia. La arquitectura de Henry Klum en Puerto Rico. Periódico El Adoquín, 2006. En <https://eladointimes.com/2020/10/16/la-arquitectura-de-henry-klumb-en-puerto-rico/> {acceso Oct-12-2023}.
6. Lopez Reyes, José E. Geografo. Asedio Británico de San Juan de Puerto Rico en 1797. 2017. Calameo.com books.
7. Ocasio Meléndez, Marcial E. Río Piedras (Ciudad universitaria): Notas para su historia. San Juan: Comité Historia de los Pueblos y Oficina Estatal de Preservación Histórica, 1985.
8. Pumarada O'Neill, Luis. Article titled "The Old Railroad and Its Remnants," published in the January-June 1991 issue of Heritage, the newsletter of the State Historic Preservation Office (today the State Historic Preservation Office).
9. Saez, Florencio Jr. Río Piedras: estampas de mi pueblo. San Juan: Editorial Palma Real, 1996. Grupo Editorial EPR
10. Toro Sugrañes, José A. 1995. Historia de los pueblos de Puerto Rico. Ed. Edil.
11. Wheeler, Joseph, Our Islands and Their People, Ed. Thomson. Vol. 1. 1899.
12. Oficina Estatal de Conservación Histórica (SHPO-PR) Consulta.



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Table 1: Historic properties: Archaeological sites


Site Name Lat. Long.	SHPO ID # Reference	ICP ID # Code Number	Distance to proposed Project mi=miles mts=meters	Description Historic/Prehistori c	NRHP National Register of Historic Properties
1. Plaza Universitaria Lat 18.404498 Long -66.052291		SJ-77	0.24 mi NW	Archaeological site Historic materials	No data
2. Torre y Cuadrángulo de la Universidad de Puerto Rico Lat: 18.40273434, Lon: -66.05001360	SJ0200037	SJ-32	0.11 mi NE	Historic	NRHP
3. Iglesia Siglo XIX de Rio Piedras Lat: 18.39764612 Lon: -66.05094625		SJ-48	0.22 mi SW	Historic	No data

Table 2 Previous Archaeological Investigations:


Author/ Researcher	Year	Phase/Title	SHPO/ICP Code Num.	Results	Distance/ Direction
1. Maritza Torres Martínez Lat: 18.39903010, Lon: -66.05074227	2016	Fase IA Proyecto De Diego Village, LLC	ICP/CAT-SJ-C -16-19-04	Negative	0.12 mi S
2. Antonio Daubón Vidal Lat: 18.39764612, Lon: -66.05094625	2014	Fase IA Restauración piso Iglesia Nuestra Señora del Pilar, pueblo.	ICP/CAT-SJ-C -14-19-01	Positive Documented without materials. The Researcher recommended archaeological monitoring.	0.22 mi SW

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3. Marisol J. Meléndez Maíz Lat: 18.40133582, Lon: -66.05236642	1999	Fase IA Edificio de Hospedería de Estudiantes: Solar en la Esquina de la Ave. Ponce de León y Calle Amalia Marín	ICP/CAT-SJ-C-99-08-04	Negative	0.10 mi W
4. Antonio Daubón Vidal Lat: 18.40101266, Lon: -66.05316792	1994	Fase IB Desarrollo Santa Rita, S.E	ICP/CAT-SJ-C-94-04-07	Negative	0.15 mi W
5. Adalberto Maurás Casillas Lat: 18.4025305555 Lon: 66.050402777	2006	Fase IA Casa de Arte MHAA-UPR	ICP/CAT-SJ-C-06-13-01	Positive Historic potential Documented without materials. The Researcher recommended Phase 1B	0.20 mi N
6. EthelSchlafer Lat: 18.40373919, Lon: -66.05290799	2002	Fase II Plaza Universitaria Estacionamiento	ICP/CAT-SJ-C-02-10-06	Positive Historic materials We found no evidence from another subsequent study or recommendations for further studies.	0.16 mi NW
7. Eduardo Questell Rodríguez Point A: Lat: 18.40341666 Lon: -66.05337777 Point B: Lat: 18.4043583 Lon: -66.05059444	1992	Fase IA Urban Train for San Juan, Metropolitan Area, (Fase 1)	ICP/CAT-BA-92-04-05	Negative The Researcher recommended a Phase 1B	0.15 mi SW

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Analysis	The archaeological potential:
	<p>The historic structure called “Torre y Cuadrángulo de la Universidad de Puerto Rico”, listed in the National Register of Historic Places (NRHP), is located at 0.11 mi NE of the Henry Klumb Bridge project, whose remote separation helps its protection and conservation. It will not be affected by the bridge improvement work. On the other hand, the areas to be intervened with heavy machinery have been very exposed to urban development, but their depths still have integrity for future discoveries. It has good archaeological potential, leaving open the possibility of future discoveries.</p> <p>According to previous research, the APE is in a historical urban context, whose development dates to the eighteenth century. In the historical context of the island, we can find artifacts such as ceramics, glass, and metal, among others, related to the lifestyles of past societies. However, the main potential is later archaeological strata, which find elements from the area's development between the 19th and 20th centuries. Particular attention should be paid to the route of the historic railroad tracks along Gándara Avenue. The area is susceptible to artifacts related to commerce, the railroad industry, or infrastructural elements of archaeological value. In addition, the project is surrounded by early 20th-century buildings. Historical elements, such as sewers, structural remains, building footings, canals, and others, as well as construction materials related to the manufacture of these buildings, remains of tools, or elements related to construction modes, may be found in the subsoil.</p>
Year	
2002	Archaeological studies (Phase 2 archaeological excavation) reviewed within a 1/4-mile radius show three studies with positive results. The first and closest to the bridge is that of <u>Ethel Schlafer (2002)</u> , Code# [ICP/CAT-SJ-C-02-10-06] with 0.16 mi NW. The site is located within the Plaza Universitaria Parking Lot. The researcher found archaeological artifacts from the historical period. We understand that the proposed project does not intervene in this location, so it will not be affected by the work planned for the bridge and its immediate surroundings.
2006	The second study Code # [ICP/CAT-SJ-C-06-13-01] was carried out by Adalberto Maurás (2006 documentary research without excavations). Based on his analysis, Maurás determined that the area has historic potential and therefore reported it with a positive result, based on his analysis. This Phase 1A evaluation was carried out in the Museum's Art House, located at 0.20 mi N. It recommended Phase 1B to carry out subsoil tests, but we did not find a subsequent study.
2014	The third and last study found with positive results was Code #ICP/CAT-SJ-C-14-19-01, carried out by Antonio Daubón in 2014. He carried out a documentary analysis he reported positive results for the archaeological potential and recommended archaeological monitoring within the Church.

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	No subsequent study conducted in the church was found. <u>Comment:</u> The special circumstances that refer to the positive results in two of the studies analyzed, where the house museum and the church, with their historical physical characteristics, but no excavations were carried out outside these locations. The only one that reported positive results for historical materials from an archaeological excavation was from Ethel Schlafer, in the Plaza Universitaria parking lot, at 0.16 mi NW. The Henry Klumb Bridge Improvement Project will not impact this considerable distance and setback from the proposed work.	
Integrity:	We have also considered the excavation works described (Analysis) (Soil Disturbance of the Proposed Project). Although disturbed by urban development in recent years, the areas where excavation will take place for lighting and other utility improvements still retain their historic potential. We cannot change the fact that the area is an ancient historical setting where an ancient town, Río Piedras, was once founded. Based on the analysis, we understand that there is archaeological potential in the areas will excavate during the project's construction.	

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting. The Secretary of Interior's Professional Qualification Standards (36 CFR Part 61) shows that the project area borders the limits of the Quadrangle of the National Register of Historic Places (NRHP) listed Quadrangle of the University of Puerto Rico and eligible properties in the Río Piedras ward. The project borders the limits of the Quadrangle.

The Henry Klumb pedestrian bridge is located after the west start of Avenida Gándara in Río Piedras. It was designed by the late German architect Henry Klumb and was built in 1958. It's an example of modern architecture exemplary of Klumb. The modern-tropical language; the playful, organic and functional character, devoid of ornamentation superfluous; Continuous fluidity and other characteristics of his design are present on the concrete bridge structure. It connects the University of Río Piedras' campus, the University High School, and the commercial urban center of Río Piedras. Its design is perpendicular to the direction of Avenida Gándara, which is why it connects the southwest of the university campus with the northwest of the town of Río Piedras. (Please refer to Attachment 1). For years, it joined both communities. Eventually, it was closed mostly due to criminality.

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The bridge has remained intact, without previous reconstructions. Currently, it is in an abandonment condition. The bridge maintains its integrity. The Henry Klumb Bridge has not been modified over time, only maintenance, but the historic structure will not be negatively affected by the new improvements.

The following is a summary of properties included or eligible to the NRHP Registered Nominations regarding this project. The Puerto Rico State Historic Preservation Office keeps these nominations, which can be accessed online.

University of Puerto Rico Tower and Quadrangle c. 1935-1939


Lat. 18.402732, Lon -66.049459 located 210 meters (NE) from project site.

The UPR College of Humanities, through George Delacre, Ph D prepared a National Register Nomination for the Tower and Quadrangle of the University of Puerto Rico, which was approved in 1984. Likewise, Marcial Ocasio, Ph D, the PRSHPO, the Municipality of San Juan, and the University of Puerto Rico prepared a Properties Inventory located in the Río Piedras Ward. The following information and consequent analysis are based on the above-mentioned sources as well as historical Architectural Plans located in *the Archivo de Arquitectura y Construcción de la Universidad de Puerto Rico*, and on other consulted sources (*San Juan Historia Ilustrada de su Desarrollo Urbano, 1508-1898* by Plan. Aníbal Sepúlveda, amongst others. Consequently, the lack of maintenance started to take a toll. Graffiti still covers its walls, even though re-painting jobs have been done.

Río Piedras was founded in 1714 (eligible as a District to the NRHP); nonetheless, it was incorporated into the Municipality of San Juan in 1951, even though Río Piedras was larger than the original Municipality of San Juan terrain extension. As a result of the North American invasion in 1898, education at the beginning of the XX century was influenced by the United States and required Puerto Rican teachers to learn English. Funds were allocated for constructing a new school (Escuela Normal) built-in part of what is, since the 1930s, the University of Puerto Rico Quadrangle. (NRHP registered in 1984).

The properties within the UPR Quadrangle are (these are listed on page 21 of the NRHP nomination):

- The Tower, 1937
- Antonio S. Pedreira, 1937
- Sebastián González García, 1944
- Luis Palés Matos and Julia de Burgos Amphitheater, 1953
- Agustín Stahl, 1931-46, which is adjacent to the east of the Klumb Bridge landing.
- Julio García Díaz, 1937, adjacent to the east of the Agustín Stahl

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- Theater, 1935-40
- Eugenio María de Hostos (1935-40)
- Registrar's Office, 1935
- Felipe Janer, 1927
- Jaber B Annex, 1936

(Please refer to Attachment 2)

Even though all these buildings have undergone many interior interventions, their exteriors are much the same as when they were built almost 100 years ago. Architect Rafael Carmoega designed the Tower, which bears Plateresque ornamentation, unlike the newer structures, which are sober in decoration, while still reflecting the character of this unique and pioneer educational complex in Puerto Rico.


The University of Puerto Rico's Quadrangle is a transitional space between Río Piedras and the university. Its program provides for gathering a myriad of students, visitors, and community members from various walks of life and interests. Some come to study, others to gather and entertain themselves, and others do both. Behind the concrete walls and portals, is a patio that connects each building and serves as the lobby for the campus. Numerous old trees and luscious vegetation shelter the visitors from the sun and provide calmness in the center of a campus full of activity.

The construction of the Escuela Normal (c.1902) and the University of Puerto Rico Quadrangle led to many professors, students, and workers relocating to Río Piedras, which was still a town on its own. Eventually, Río Piedras housed many stores, commerce, student's rental apartments, medical offices, and service dependencies such as Public Transportation, a Fire Station and a Police Station. All this development led to the construction of new buildings in the 30s, 40s and 50s. Notwithstanding that, some properties stood the passage of time and still stand more than 100 years after being built. One of these cases is Casa Vigil (NRHP registered on 07/23/2018).

- **Casa Vigil**, c.1898

Lat.18.399978, Lon. -66.049690 located 170 meters (SE) from the project site.

It was built c. 1898 by members of the Vigil family. It was built of concrete, and wood and has a zinc roof. The porch is in brick, and wood and has a cast iron balustrade. Even though it was erected during the North American invasion of Puerto Rico, which brought a new mentality towards modernization and, with it, new materials and construction methods, Casa Vigil stood through the test of time and is still an example of the "typical" Casa Criolla, amongst all the other properties that actually stand in the Río Piedras Traditional Urban Center.

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- **Edificio Comunidad de Orgullo Gay de Puerto Rico**, c. 1920s-30s Lat. 18.400556, Lon 66.051900, located 140 meters (SW) from project site.

Bearing a Spanish/Mediterranean Architectural Style, the Edificio Comunidad de Orgullo Gay de Puerto Rico was built circa 1920-1930s. During those decades, the Río Piedras town started to welcome people who were looking for jobs oriented towards education and service, making Río Piedras the pioneer university town. These promoted mixed uses as commercial/residential.


As mentioned in the nomination, the property maintains characteristic elements of the style: "arches, porches or balconies, cast concrete ornamentation, ornate hydraulic tiles, , terracotta tiles." By 1937, the structure was the property of Vicente Suárez, who was in the liquor business.

Likewise, it contributed to the social history of Puerto Rico, due to its revolutionary and just approach towards education and acceptance of the LGBTQIA+ Community.

○ **Henry Klumb - Architect**

German-born architect Henry Klumb was a master of using simple, abstract forms to create elegant interactions of light and shadow in his works created in Puerto Rico during his time working for the Committee for Public Works Design. Originally moving to the Island for short-term employment in 1944, Klumb ended up establishing himself as one of San Juan's most important designers and remained in Puerto Rico until his death in 1984. He enrolled at the Staatliche Bauschule (School of Architecture) and graduated with honors in 1926. He then immigrated to the United States, crossing the ocean to become an apprentice to Frank Lloyd Wright in Wisconsin. He was one of the American architect's first students, prior to the inaugural class of the Taliesin Fellowship (which would become the Taliesin School of Architecture).

After having been a student and employee of Master Wright for five years, Henry Klumb decided it was time for a change of scenery. He moved to Washington D.C. where he became a capital city planner. After another time, he moved to Los Angeles, where he was also a metropolitan region planner and established several exhibitions on indigenous crafts in the southwestern United States and California. Finally, in 1944, Henry Klumb moved to Puerto Rico in February with his wife Else Schmidt and son Peter upon the recommendation of his colleague, Governor Rexford Tugwell to head the Committee for the Design of Public Works of Puerto Rico. As a designer of accessible architecture and public infrastructure throughout the Island, the German architect was charged with establishing master plans for the University of Puerto Rico as one of its crucial components of infrastructural advancement in the postwar conditions in which Puerto Rico found itself. As the principal architect of the development of the University of Puerto Rico in Río Piedras and in Mayagüez, Henry Klumb spent twenty years establishing a formal design for both campuses, including the construction of several iconic structures such as

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residences, libraries, agricultural research centers, and academic buildings.

The José M. Lázaro Library, the Student Center; in addition to the Museum of History, Anthropology, and Art, Faculties of Business Administration and Social Sciences; and the Law School are some of the best examples of Henry Klumb's commitment; of rigorously repeating abstract shapes to create complex geometries. Their sunshades, typically modular cement or metal panels created this interstitial zone blurring the line between the exterior and interior experience. The permeable facades of these buildings cover all major transit points; including not only hallways, but several staircases to emphasize this connection to the outdoors. Upon entering these buildings, one can immediately feel the fusion of European modernism and tropical architecture. These interior designs, with staircases and monumental meeting areas, give way to a conducive environment.

Henry Klumb also ran a private firm; where he designed notable projects such as the San Ignacio de Loyola churches; in addition to the Church of Carmen, San Martín de Porres; as well as several residential homes concentrated in the metropolitan area. It is always remembered for the indelible marks; that he left at the University of Puerto Rico. The architect made a commitment to these singular modules, and using these humble repeating motifs, he was able to create institutional buildings that had a feeling of warmth, reception and sophistication. These impressive works are imbued with a sense of place inherent to the open façade elements; which provide shade and privacy while allowing light winds to flow through the hallways. They have a judgment of human and natural scale that allows these buildings to feel accessible and intimate; as well as creating a delicate fusion of modern and tropical architecture.

Author: Natalia Gulick de Torres.

The author is a researcher in Ibero-American architecture under the Institute of European Studies and the architecture of the Antilles through the Archivos del Caribe collective. As a writer for El Adoquín Times, Natalia compiles stories of the cultural impact of architecture and urbanism in Puerto Rico.

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Determination

The following historic properties have been identified within 0.25-mile radius from APE:

The Henry Klumb Bridge is located over Gándara Avenue, it connects the University of Puerto Rico and the Río Piedras Traditional Urban Center. Both areas integrate various Architectural Styles and are filled with history defining Puerto Rican culture. The quadrangle is already listed on the National Register of Historic Places.

Nonetheless, the project limits to improving pavement, lighting, and code compliance measures. Even so, the closest NRHP-registered properties identified within the APE and the Indirect APE (0.25-mile radius):

NRHP-registered properties:

- University of Puerto Rico Tower and Quadrangle c. 1935-1939
 - Lat. 18.402732, Lon -66.049459 (NE)
- Casa Vigil, c.1898
 - Lat.18.399978, Lon. -66.049690 (SE)
- Edificio Comunidad de Orgullo Gay de Puerto Rico, c. 1920s-30s
 - Lat. 18.400556, Lon -66.051900 (SW)

Eligible properties:

Northwest (UPR)

- Facundo Bueso Building, c. 1949, 18.401702, -66.051382 6 meters from project site
Architect Henry Klumb
Modernist Style building dedicated to Science Laboratories (See ATTACHMENT 1)

Southwest (Río Piedras)


- Ramón Vila Mayo School, c. 1940, 18.400863, -66.051258, 3 meters from project site
- Río Piedras Traditional Urban Center, ca. 1714, 18.397872, -66.051663, 372 m from project site

Northeast (UPR)

- Agustín Stahl c. 1931-1946, 18.401519, -66.050148
Within the Tower and University of Puerto Rico Quadrangle 28 meters from project site

Southeast

- University High School, c.1929, 18.400740, -66.050207 3 meters from project site

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Based on the results of our identification efforts, the Program has determined that there are historic properties that compose the APE.

- **Direct Effect:**


Direct Effect refers to the direct impact on a historic property or site; even though the Henry Klumb's Bridge is an eligible historic property to the NRHP, its intervention will concentrate on pavement and lighting, as well as making it code-compliant by removing the existing handrail and installing a new 42" handrail. (Please refer to drawings A-1.0 for details of 90% Construction Drawings Set). The rehabilitation of the Henry Klumb Bridge will not directly affect any historic building presented within the Direct APE. However, archaeological structures or materials in these vicinities may be impacted by the ground disturbance generated by the project activities.

- **Indirect Effect:**

The project will have no indirect or visual effect on the identified historic properties or eligible properties or districts that surround the APE (Historic properties of the Río Piedras Campus of the University of Puerto Rico to the north and the Río Piedras Traditional Urban Center to the south). No modifications shall be made to the bridge that would affect visual views from Gándara Street or Brumbaugh Street towards the project location and/or from the UPR Campus grounds towards. The rehabilitation, will not affect the site's character, setting, or atmosphere and will not interfere with the property's significant historic features. On the contrary, the bridge, it will be repaired and conditioned to provide a secure environment. Likewise, lighting installation will promote security and highlight the bridge itself. The improvements of sidewalks, ramps, and pavements do not affect the character, physical characteristics, historical association, or criteria determined by the DOI to include eligible properties to the NRHP. The proposed project will comply with the Secretary of the Interior Rehabilitation Standards, specifically number 9.

"New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment."

Based on the provided information, the Program has determined that the proposed undertaking will have no adverse effect on historic properties, conditioned to archaeological monitoring the trenching activities due to the work being in the landing areas where there is a higher potential for archaeological deposits. An archaeological monitoring plan has been prepared and included for review and comment.

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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:

The project will fully comply with SOI's Standard number 9: Consequently, per Standard 9 under the Secretary of the Interior Standards for Rehabilitation:

"New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment."

Condition: Archaeological monitoring for the trench excavation areas because the excavation work on the landing areas and utility improvements could reveal ancient foundational remains from the beginnings of the ancient town of Río Piedras, today linked to San Juan. An archaeological monitoring plan has been prepared and included for review and comment.

- ☐ Adverse Effect

This Section is to be Completed by SHPO Staff Only

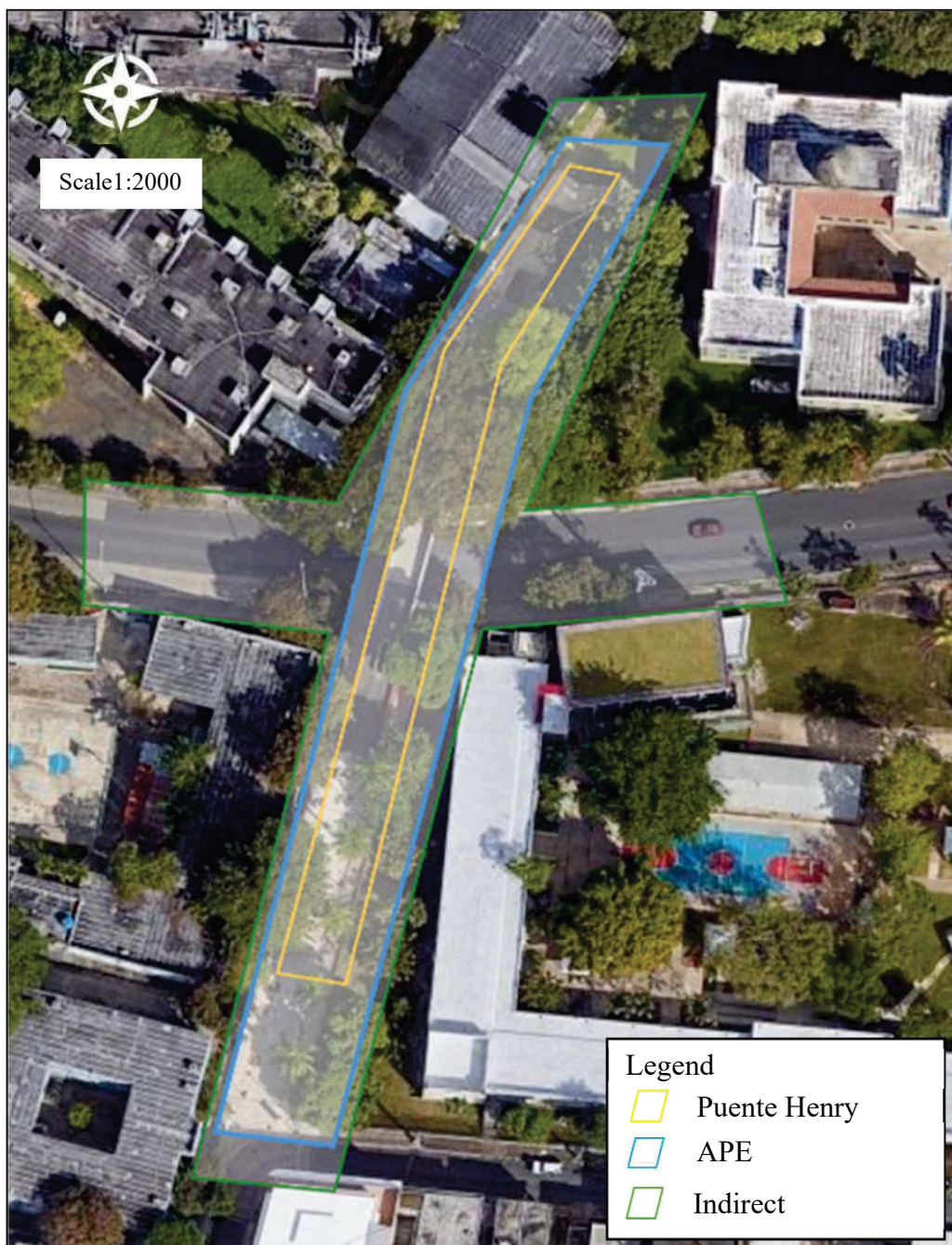
The Puerto Rico State Historic Preservation Office has reviewed the above information and:	
<input type="checkbox"/> Concurs with the information provided. <input type="checkbox"/> Does not concur with the information provided.	
Comments: 	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

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Figure 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial)

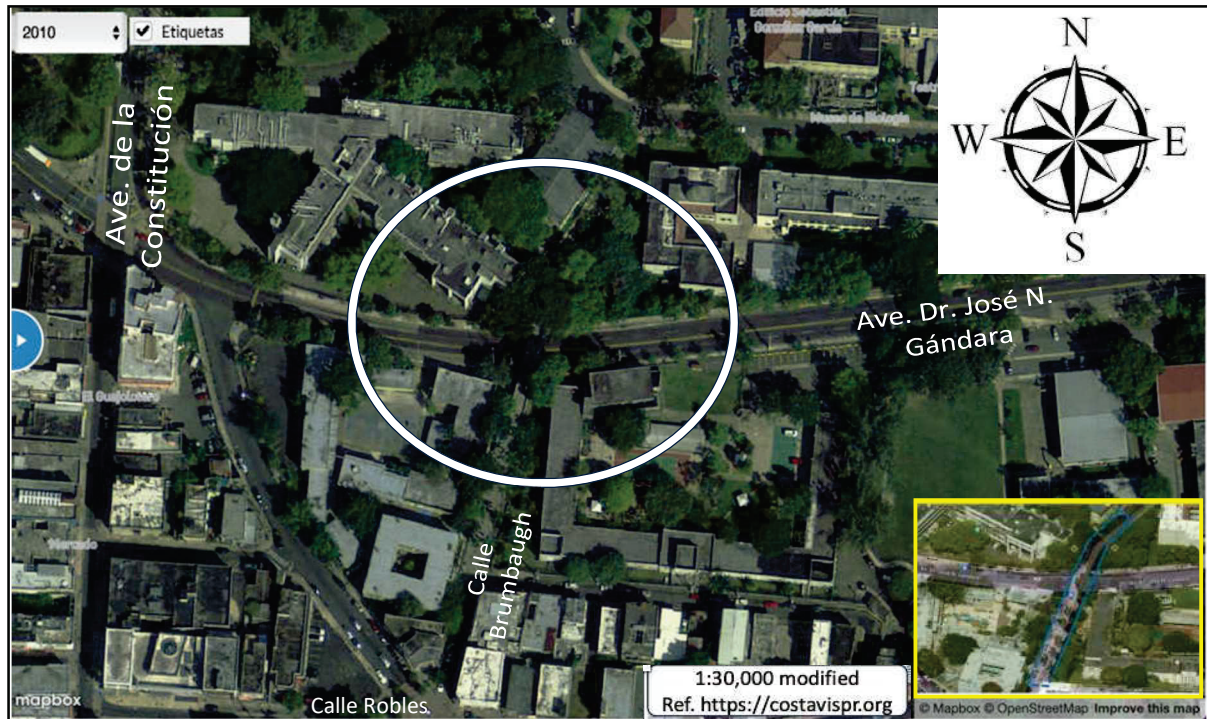


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Figure 2: Project (Parcel) Location - Aerial Map of 2020




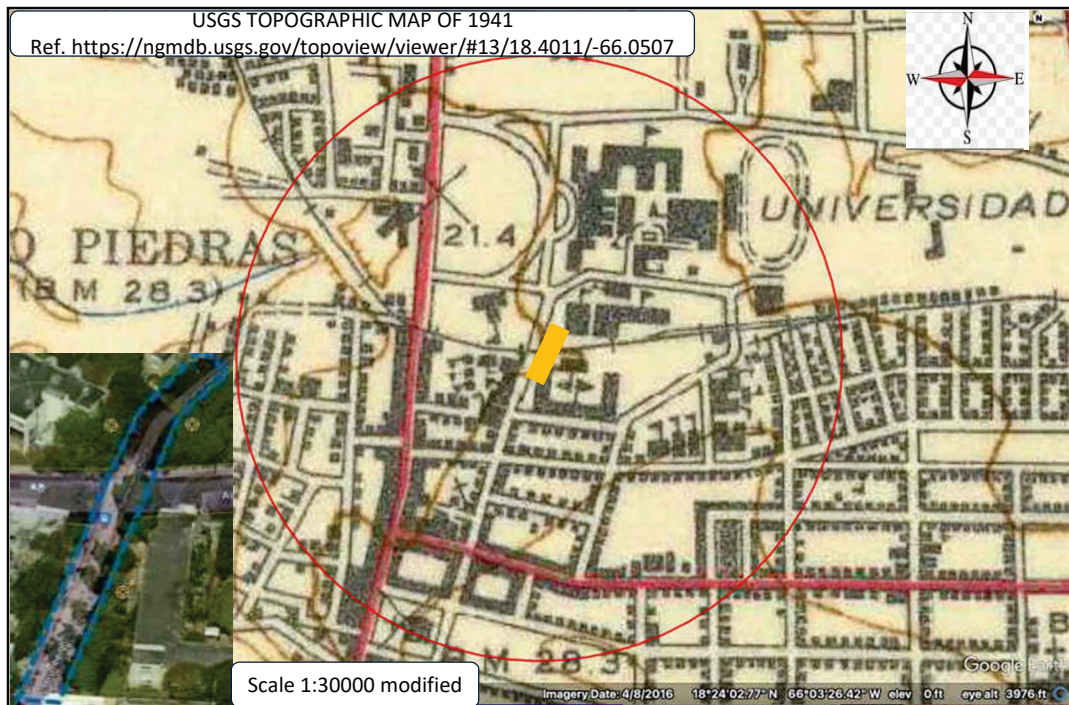
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Figure 3: Project (Parcel) Location - USGS Topographic Map of 1941

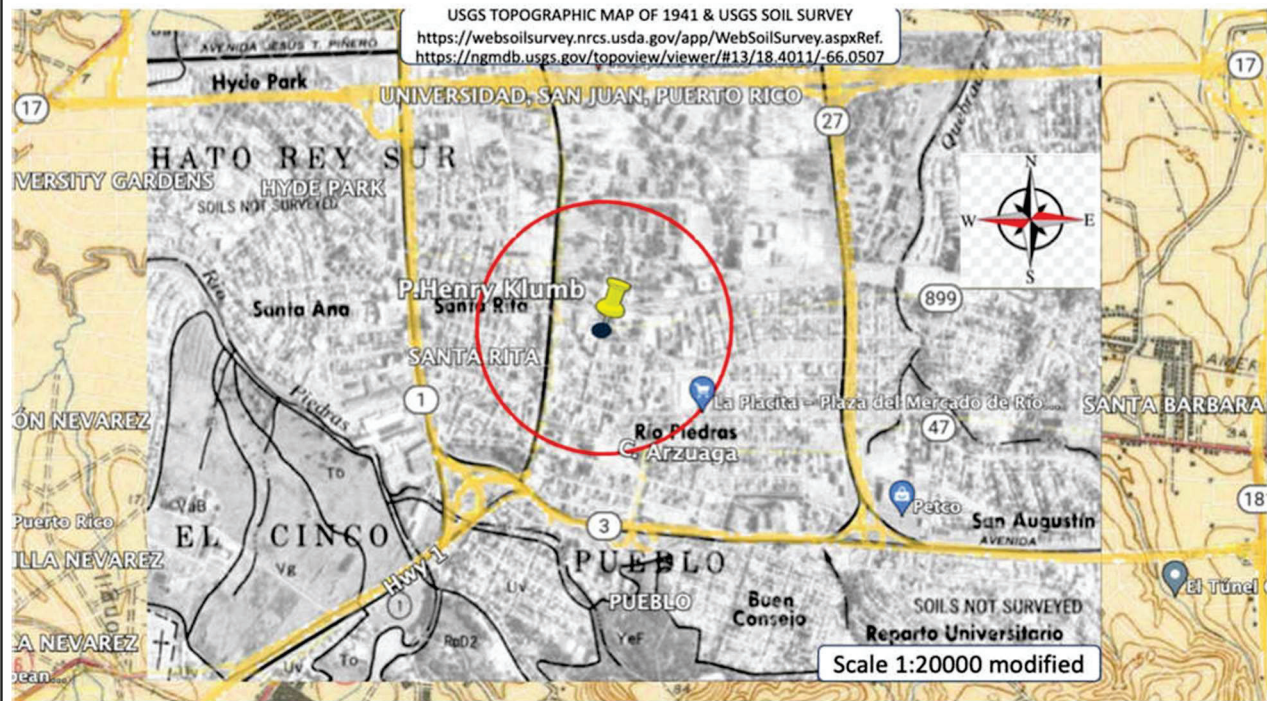


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 4: Project (Parcel) Location – Soils Map



Not surveyed soils

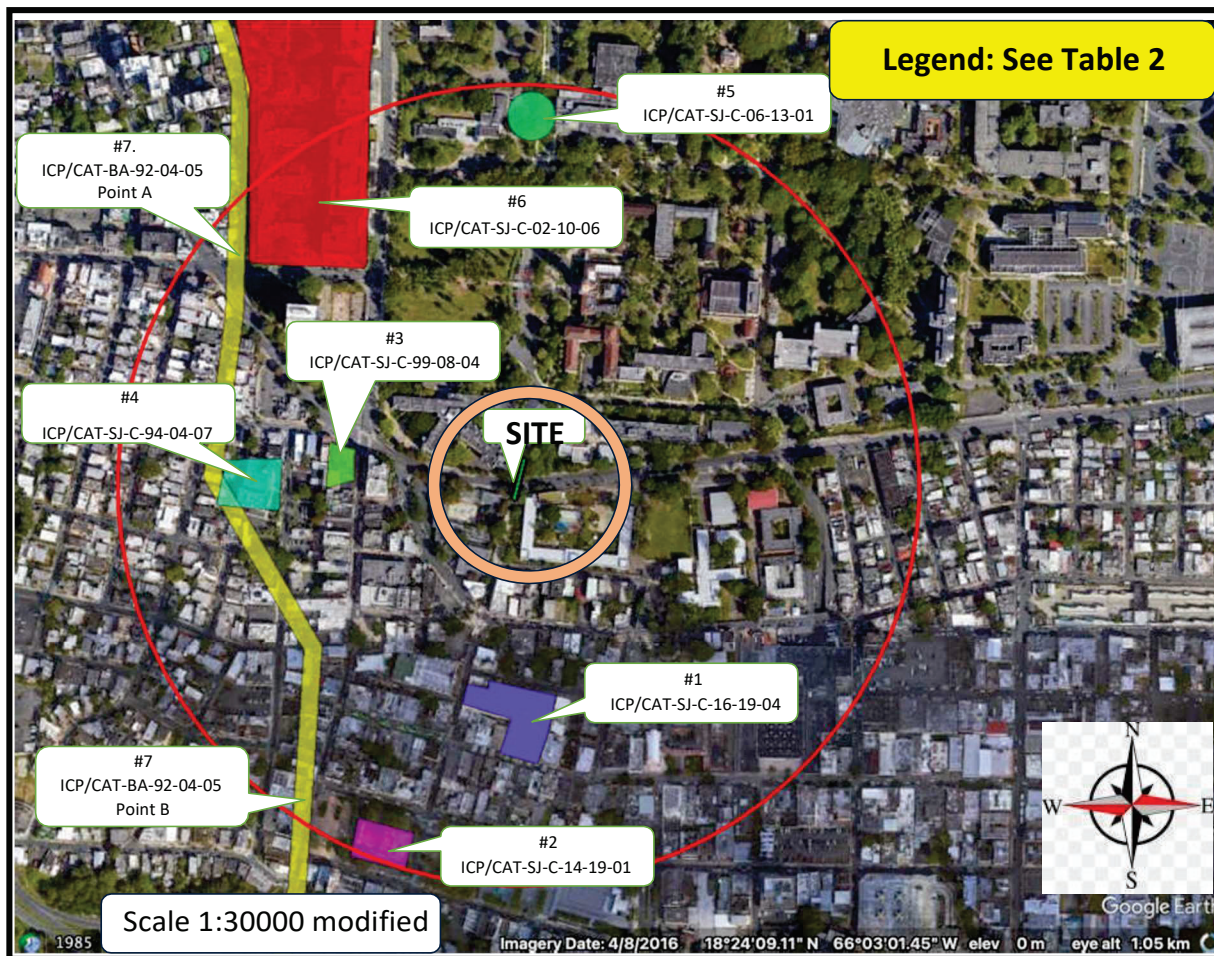
Shows the soil map on the 1941 map (both from USGS) as a basis for its correct location.

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 5: Project (Parcel) Location with Previous Investigations - Aerial Map




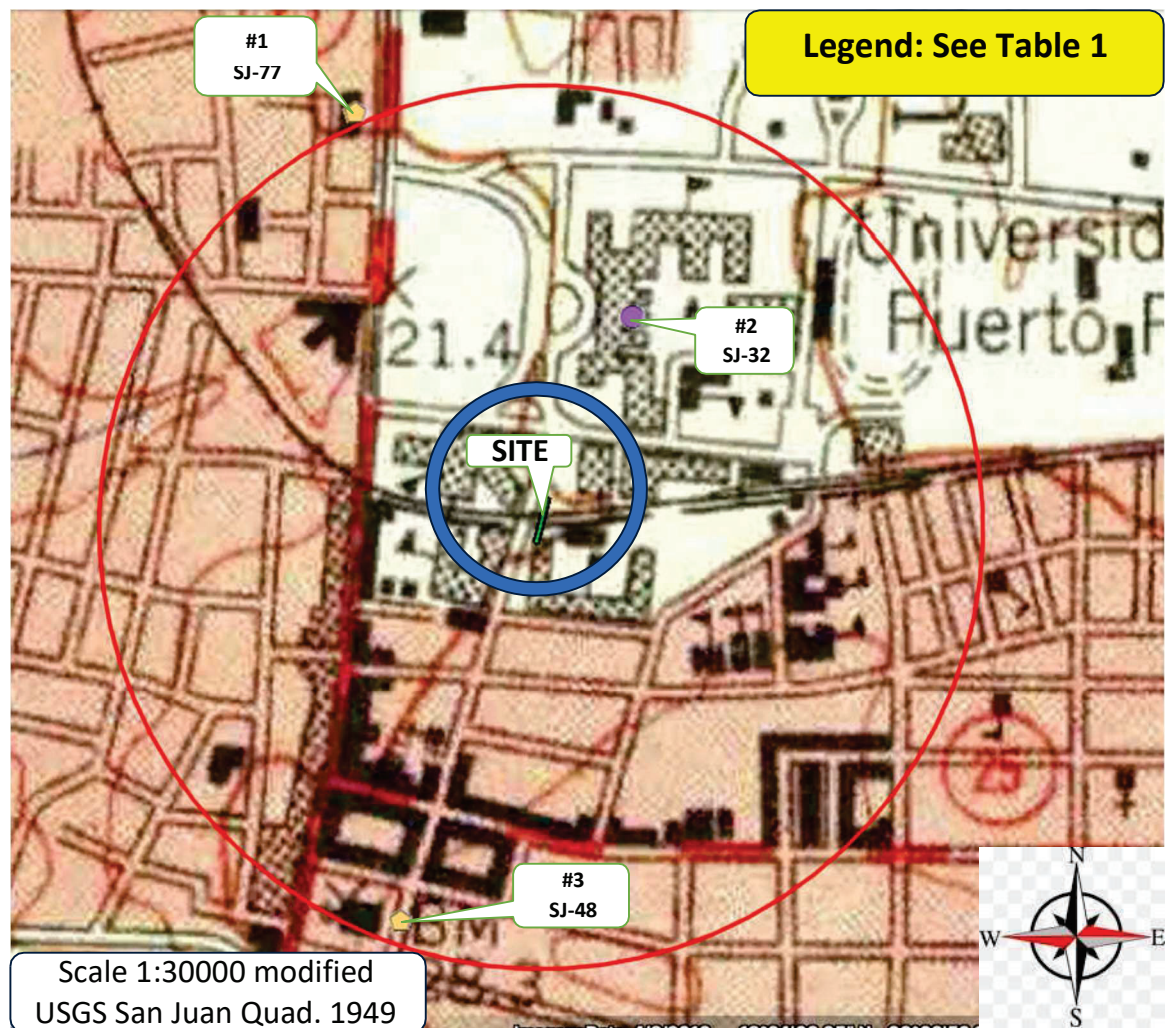
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Autonomous Municipality of San Juan	
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955

Figure 6: Project (Parcel) Location with Previously Recorded Cultural Resources USGS Topographic Map

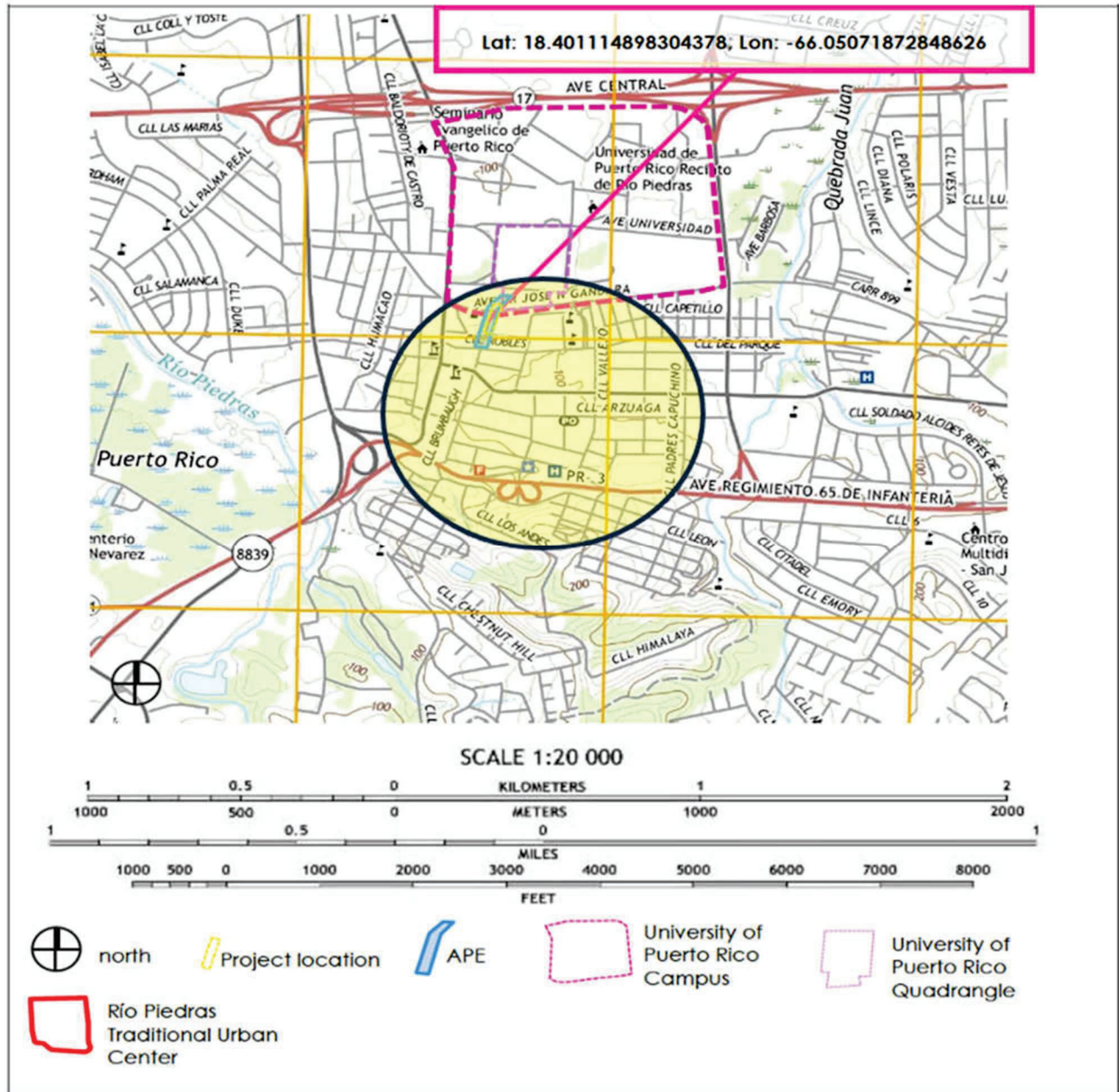


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 7:
Project (Parcel) Location – 2018 USGS Topographic Map
PR_San_Juan_20181019_TM

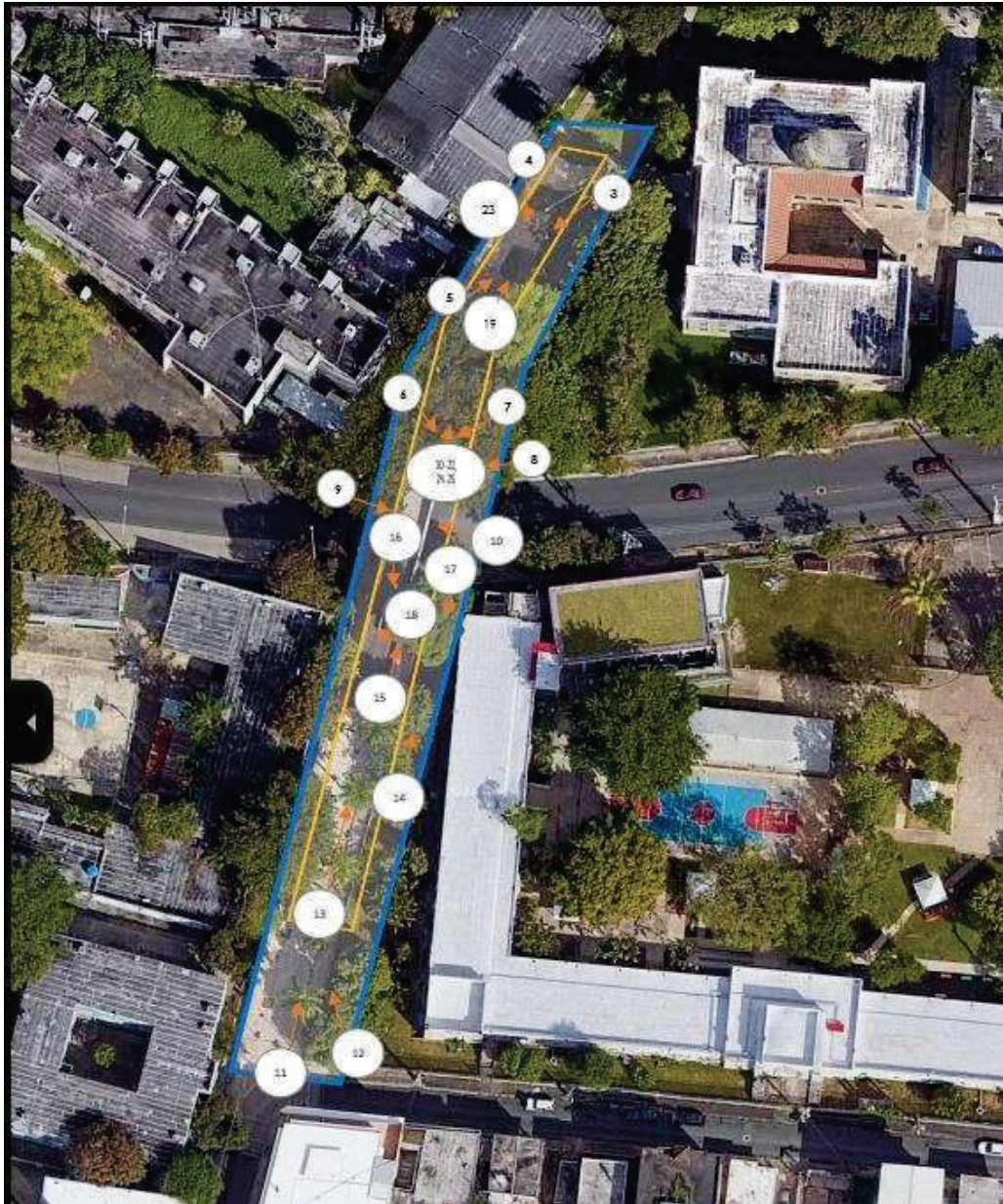


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 8: Direct APE Photo Key



Lat: 18.401114898304378, Lon: -66.05071872848626

Subrecipient: Autonomous Municipality of San Juan


Project Name: Puente Iluminado (puente Klumb Ave Gandara)


Project ID: PR-CRP-000955


Figure 8.1: Indirect APE Photo Key

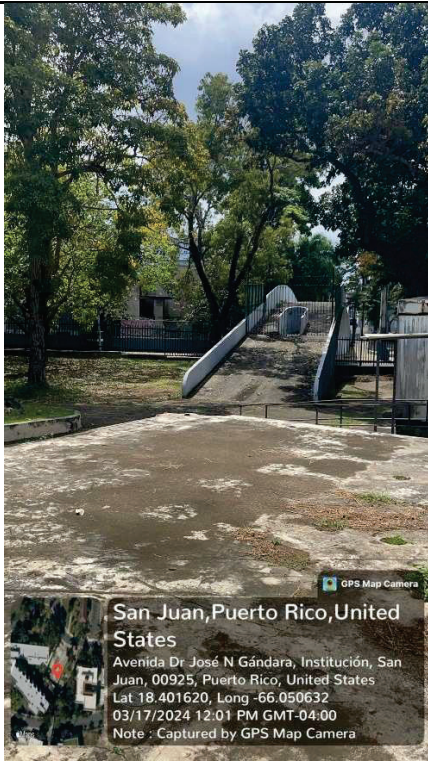


Lat: 18.401114898304378, Lon: -66.05071872848626

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
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Photo #1 3/17/2024	Northeast side view of Henry Klumb bridge; taken from UPR Rio Piedras Campus, looking southwest.

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Photo #2 3/17/2024	North side view of landing area of Henry Klumb bridge; taken from UPR Rio Piedras Campus, looking south.




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Subrecipient: Autonomous Municipality of San Juan		
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Photo #3 2023	Bridge gate at the entrance to the UPR campus, looking north. Credit to: Consejo Comunitario Seguridad Río Piedras I55-I56

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Photo #4 3/17/2024	Northwest view of the bridge towards José N. Gándara Avenue, looking southeast.



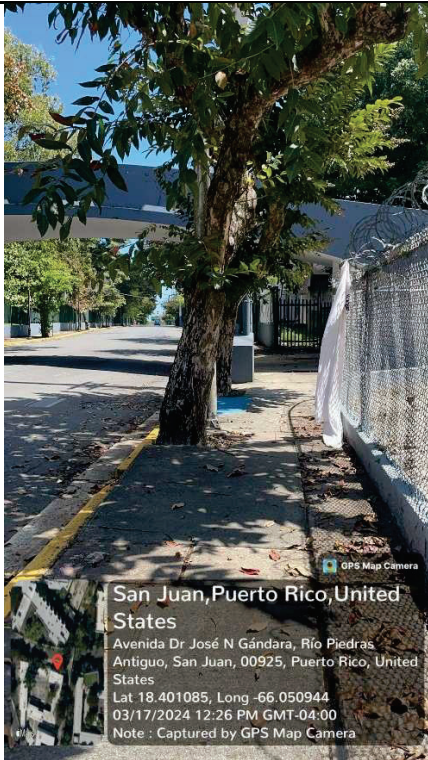
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)		Project ID: PR-CRP-000955

	
Photo #5 3/17/2024	East view of the ramp located at the north side of the bridge, looking west from UPR Campus.

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Subrecipient: Autonomous Municipality of San Juan		
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Photo #6 3/17/2024	Details of sidewalks connecting east side of the bridge, looking west from José N. Gándara Avenue.



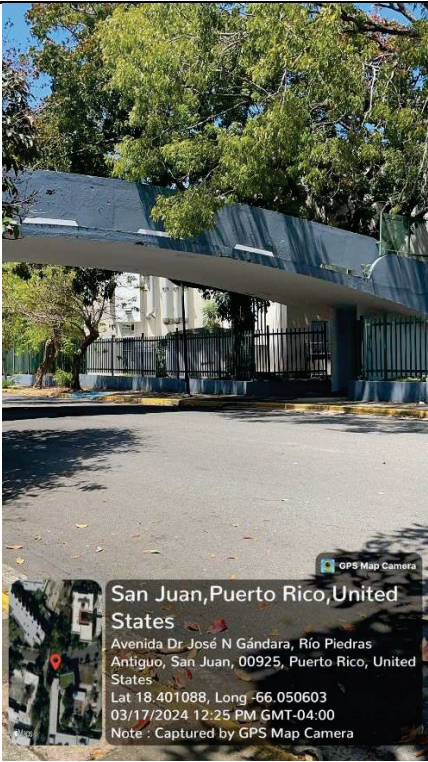

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
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Photo #7 2023	West sideview of the bridge; looking east from José N. Gándara Avenue.


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Subrecipient: Autonomous Municipality of San Juan		
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Photo #8 3/17/2024	Northwest view of the bridge from sidewalk of José N. Gándara Avenue.

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Subrecipient: Autonomous Municipality of San Juan		
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Photo #9 3/17/2024	Existing lighting poles located on south side of the bridge in Rio Piedras area; looking north from Brumbaugh Street.

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Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)		Project ID: PR-CRP-000955

	
Photo #10 3/17/2024	Details of existing lighting poles; looking west from south side of the bridge landing area.


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Subrecipient: Autonomous Municipality of San Juan		
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Photo #11	Lighting poles and vegetation on the south landing of the bridge, looking north from Brumbaugh Street, corner Norte Street.
3/17/2024	


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Photo #12 2023	Sidewalk along the east side of the bridge from the Río Piedras side, looking north.


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Photo #13 2023	Crossing path from Rio Piedras side, looking north.

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Subrecipient: Autonomous Municipality of San Juan


Project Name: Puente Iluminado (puente Klumb Ave Gandara)


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Photo #14
3/17/2024

South view of the landing and Brumbaugh Street, taken from the center of the bridge. Details of stairways.

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Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)		Project ID: PR-CRP-000955

	
Photo #15 3/17/2024	Sidewalk along the east side of the bridge from the Río Piedras side, looking south.

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Subrecipient: Autonomous Municipality of San Juan		
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Photo #16 3/17/2024	Details of interior side of the west wall of the bridge, looking southwest.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM
CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination



Subrecipient: Autonomous Municipality of San Juan

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Photo #17
3/17/2024

Interior walls of the stairways to José N. Gándara Avenue,
looking north.

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

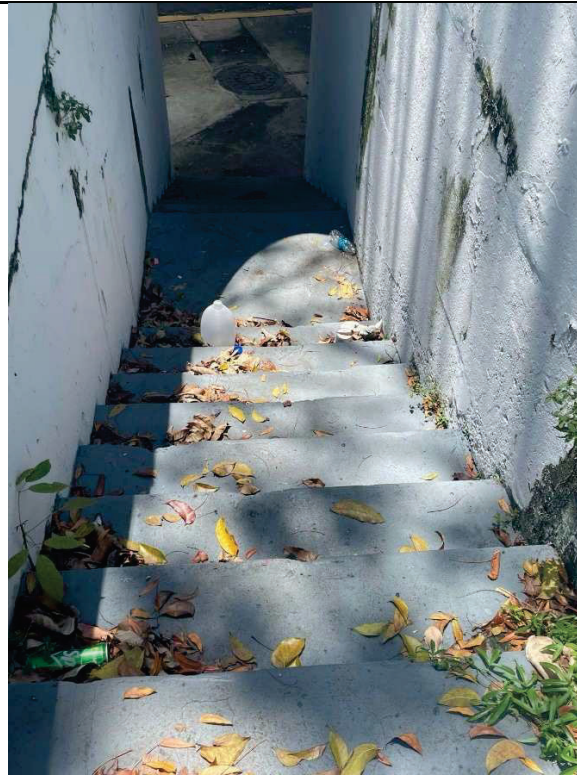


Photo #18

3/17/2024

Details of stairways that connect sidewalk José N. Gándara Avenue, towards north.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)		Project ID: PR-CRP-000955

	
Photo #19 3/17/2024	Stairways and concrete foundations in direction to UPR Campus, towards north.


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Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)		Project ID: PR-CRP-000955



Photo #20 3/17/2024	Details of wall and pavement surfaces.

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955



Photo #21
3/17/2024

Looking south from gate located in UPR Campus at north side of the bridge.


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Subrecipient: Autonomous Municipality of San Juan		
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Photo #22 3/17/2024	Joint between the east wall of the bridge and the concrete slab.

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Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

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Photo #23

Bridge's concrete handrails.

3/17/2024


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Subrecipient: Autonomous Municipality of San Juan		
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Photo #24 2023	Stairs for access to the bridge. The University High School is at the left, while the Vila Mayo School is seen at the right (west). Both structures are Rio Piedras . Details of the roof.






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Photo #25 3/17/2024	Details of the roof, looking south from sidewalk on José N. Gándara Avenue.


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Photo #26 3/17/2024	Northwest side view of Henry Klumb bridge; taken from UPR Rio Piedras Campus, looking southeast.


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Photo #27 3/17/2024	North view of Henry Klumb bridge; taken from UPR Rio Piedras Campus, looking south.

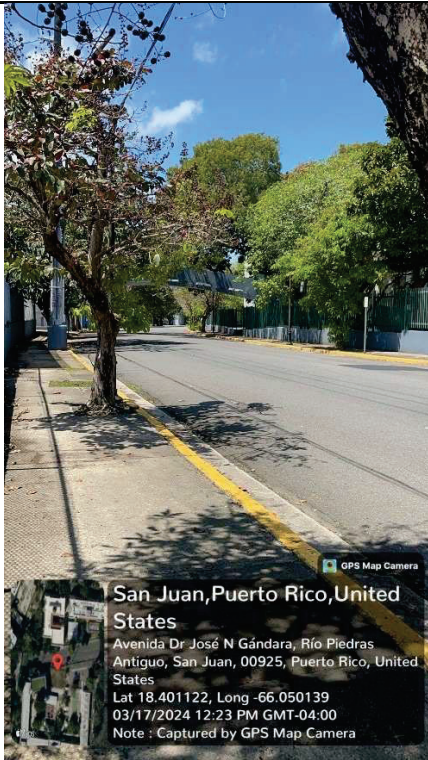
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955	

	
Photo #28 3/17/2024	East view of the bridge, looking west from José N. Gándara Avenue.

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Subrecipient: Autonomous Municipality of San Juan		
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Photo #29 3/17/2024	View of the bridge from Jose N. Gandara Ave, towards west.

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Photo #30 3/17/2024	Southeast view of the bridge from José N. Gándara Avenue, looking northwest.

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

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Photo #31

3/17/2024

East view of the José N. Gándara Avenue, taken from the top of the bridge






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Photo #32 3/17/2024	West view of the José N. Gándara Avenue, taken from the top of the bridge. Facundo Bueso Building on the right.


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Photo #33 3/17/2024	Northwest view of the bridge, from the Rio Piedras landing area located in Brumbaugh Street, corner Norte Street.

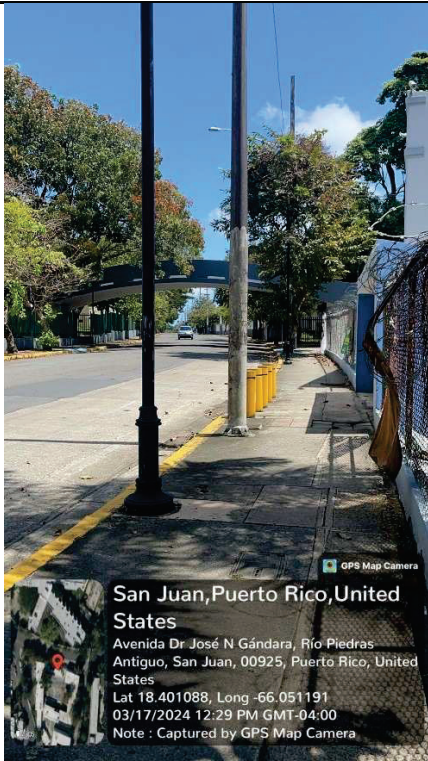
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
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Photo #34	Looking north from Brumbaugh Street, corner Roble Street.
3/17/2024	


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Photo #35 3/17/2024	View of the southwest side of bridge, taking from the Rio Piedras landing area; looking north from Brumbaugh Street, corner Norte Street.

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Photo #36	Southwest view of the bridge, looking northeast, from José N. Gándara Avenue.
3/17/2024	

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
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Photo #37 3/17/2024	Northwest view of the bridge, looking southeast, from José N. Gándara Avenue. Ramón Vila Mayo School on the right.


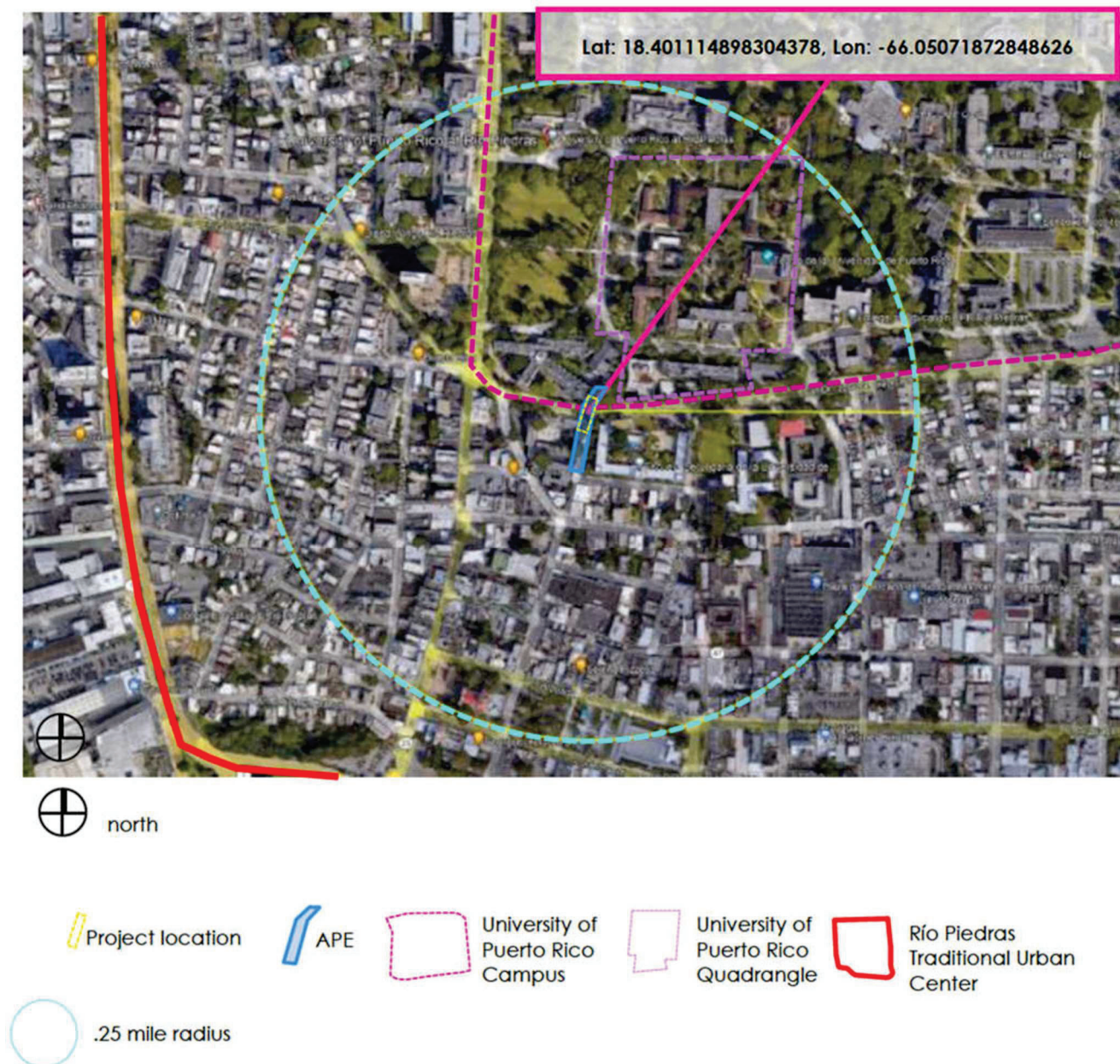
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Autonomous Municipality of San Juan		
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955	

Figure 9:

Map available through Google Earth .25-mile radius

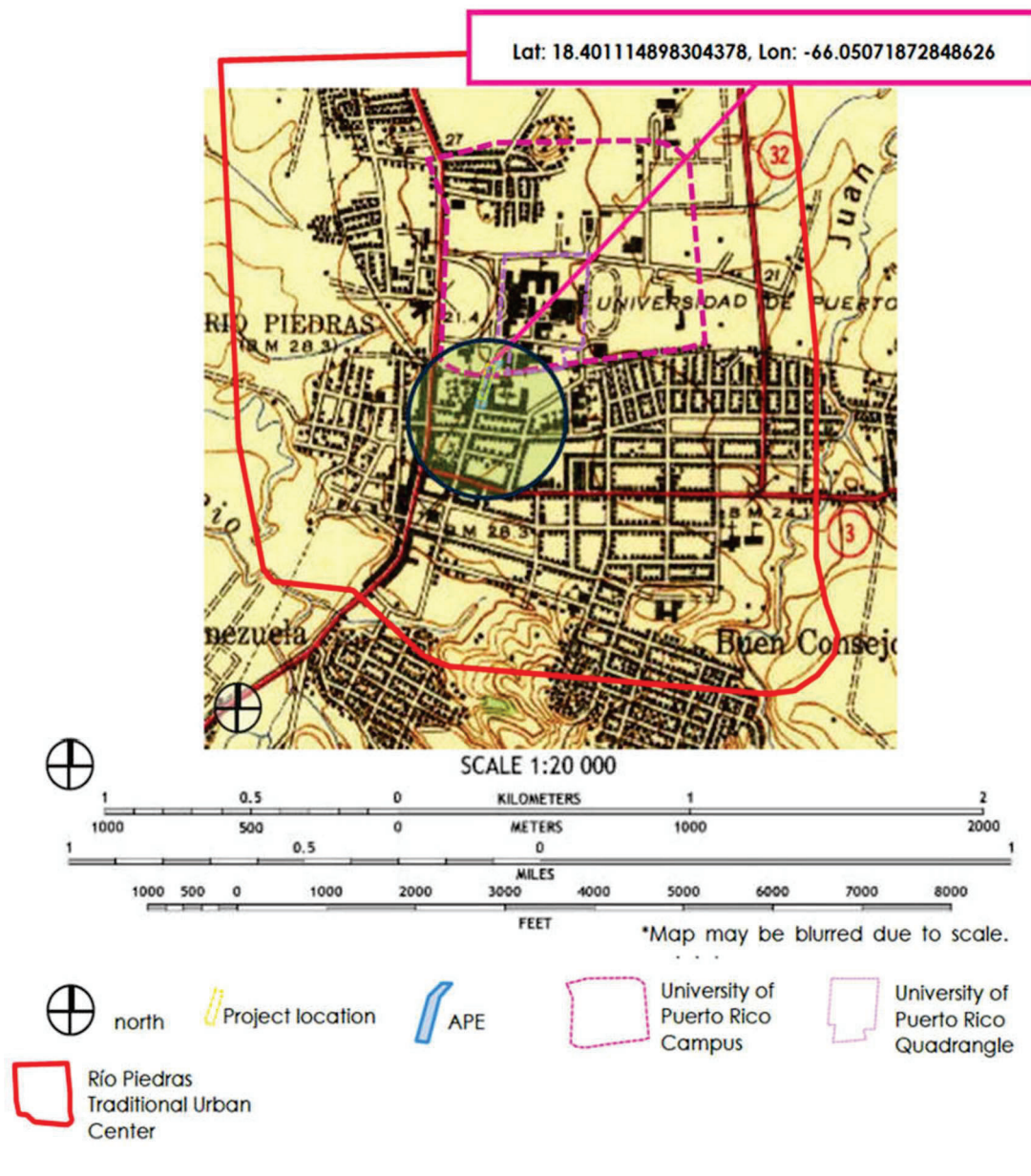


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 10:
Project (Parcel) Location – _1941 USGS Topographic Map
PR_San Juan_362582_1941_30000



Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 11:
Project (Parcel) Location – _Area of Potential Effect Map (Aerial)
<https://www.google.com/maps>




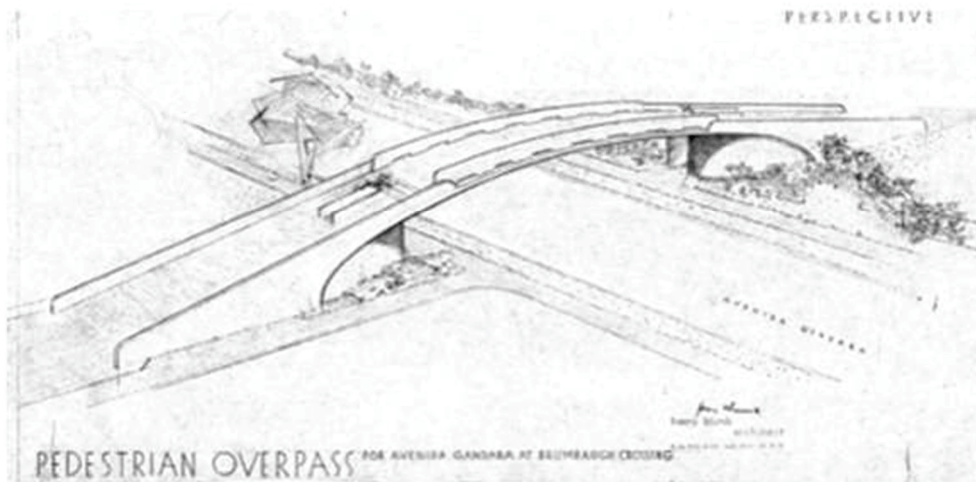
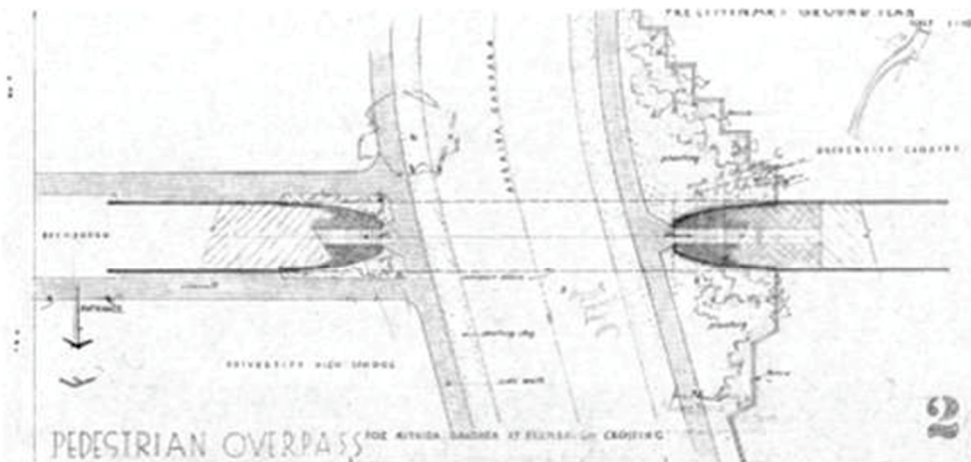
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTAMENTO DE GOBIERNO
Subrecipient: Autonomous Municipality of San Juan	
Project Name: Puente Iluminado (puente Klumb Ave Gandara)	Project ID: PR-CRP-000955

Figure 12: Historic Photos

ATTACHMENT 1 HISTORIC PHOTOS



1957 HKI0156 Pedestrian Overpass Plans
 Provided by AACUPR



1957 HKI0156 Pedestrian Overpass Plans
 Provided by AACUPR


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Figure 12 (A): Historic Photos. *Ruinas de la Antigua Escuela Normal de la UPR*

By Noel B. Valentín, 2018. Google Earth
(<https://www.google.com/maps/place>).




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Figure 13



Bird's Eye View of the UPR Tower and Quadrangle looking towards the southeast
 The Henry Klumb Bridge was not built still. 1956
 Photo credit: Geoisla



Facundo Bueso building
 Architect: Henry Klumb, 1949

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 14

ATTACHMENT 2 HISTORIC PHOTOS



ARCGIS NRHP map with the names of the buildings

University of
Puerto Rico
Quadrangle


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Figure 15



Photo of c. 1930 (Río Piedras)

The road with the train tracks before Gándara Avenue (Ferrocarril Street). According to Luis Pumarada O'Neil, construction of the ring railway began on October 15, 1888 with the participation of Puerto Rican engineers Tulio Larrinaga and Antonio Ruiz Quiñones. By 1898, the French-owned firm that owned the franchise, the Puerto Rico Railway Company, had inaugurated 270 unconnected kilometers that spanned from Carolina to Camuy via San Juan and **Río Piedras**, from Aguadilla to Hormigueros, and from Ponce to Yauco 18 steam locomotives, 26 passenger cars, three mail cars and 330 freight cars traveled through this system.

Jaime Peña (c.1930 posted photo 7/28/2021) Historia de Puerto Rico (Web Page Facebook).

<https://www.facebook.com/groups/463821096968673/posts/4977776088906462/>

Dr. Luis Pumarada O'Neill. Article titled "The Old Railroad and Its Remnants," published in the January-June 1991 issue of Heritage, the newsletter of the State Historic Preservation Office (today the State Historic Preservation Office).

Subrecipient: Autonomous Municipality of San Juan

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Figure 16 Analysis from historical maps and undated plan copied from Picó, Iglesias, Oliveras, Sánchez (1955 w/p) and Ocasio (1985:18); Sepúlveda, T.2, pp.160-162. on the 1941 USGS topographic map, shows the area of the Old Rio Piedras. Ref. USGS

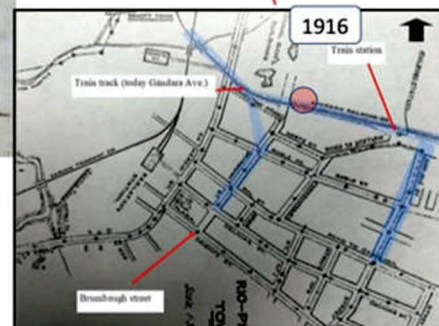
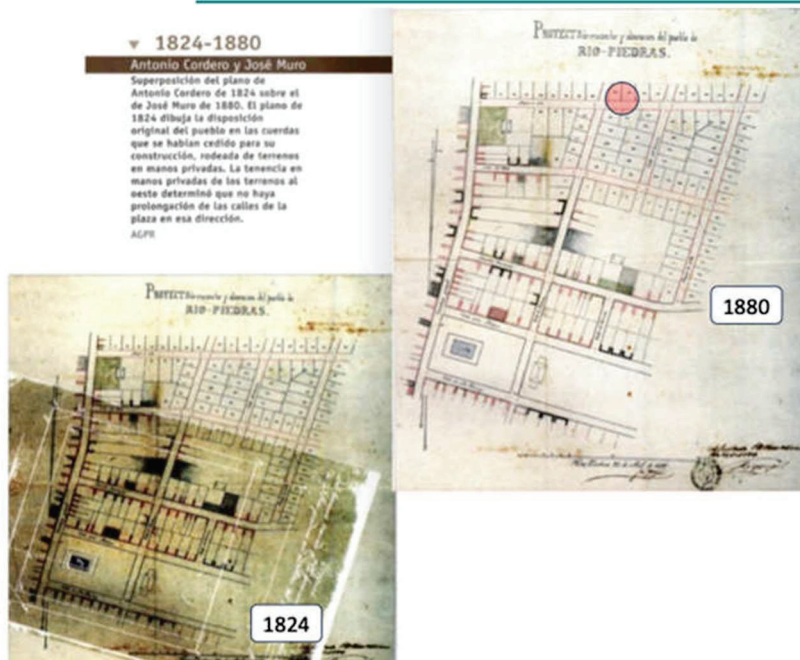
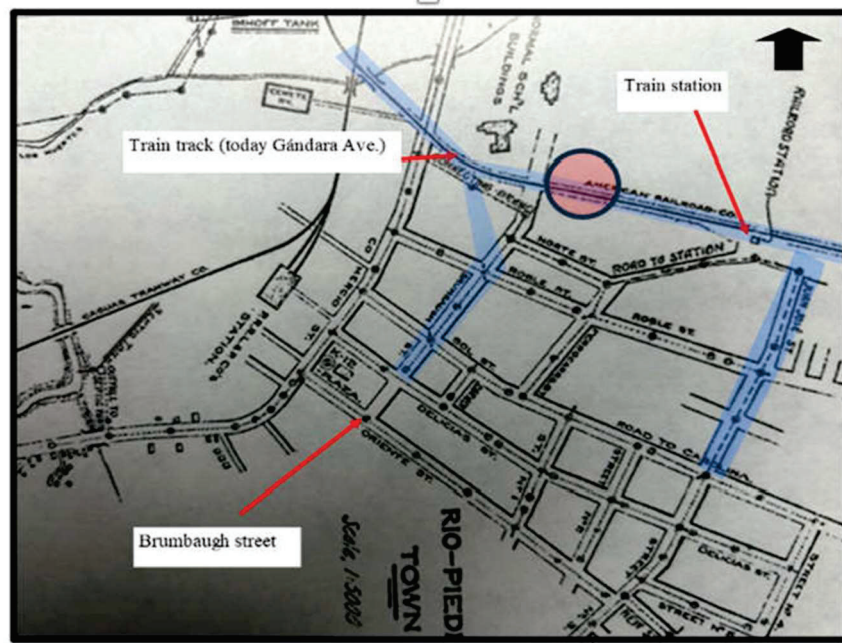


Google Earth Pro
USGS Topographical Map of 1941
Plan from Picó, Iglesias, Oliveras, Sánchez, 1955
Old Rio Piedras Information from Sepúlveda, T-2, pp.160-162

Figure 17 Río Piedras Plan- 1916, blue zone shows project area
Source: Anibal Sepúlveda. Puerto Rico Urbano. 2004. Vol. 3, pp. 411.

From: Jaqueline López Meléndez SOL's of PR-CRP-000957

Sketch of 1824 and 1880 below 1916. These images show us El Roble with its extensions.



Subrecipient: Autonomous Municipality of San Juan

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Figure 18. Photo showing the intersection of Brumbaugh Ave. and La Gándara. 1930

Source: Historia de Puerto Rico/Facebook

From: Jaqueline López Meléndez, Ref. PR-CRP-000957

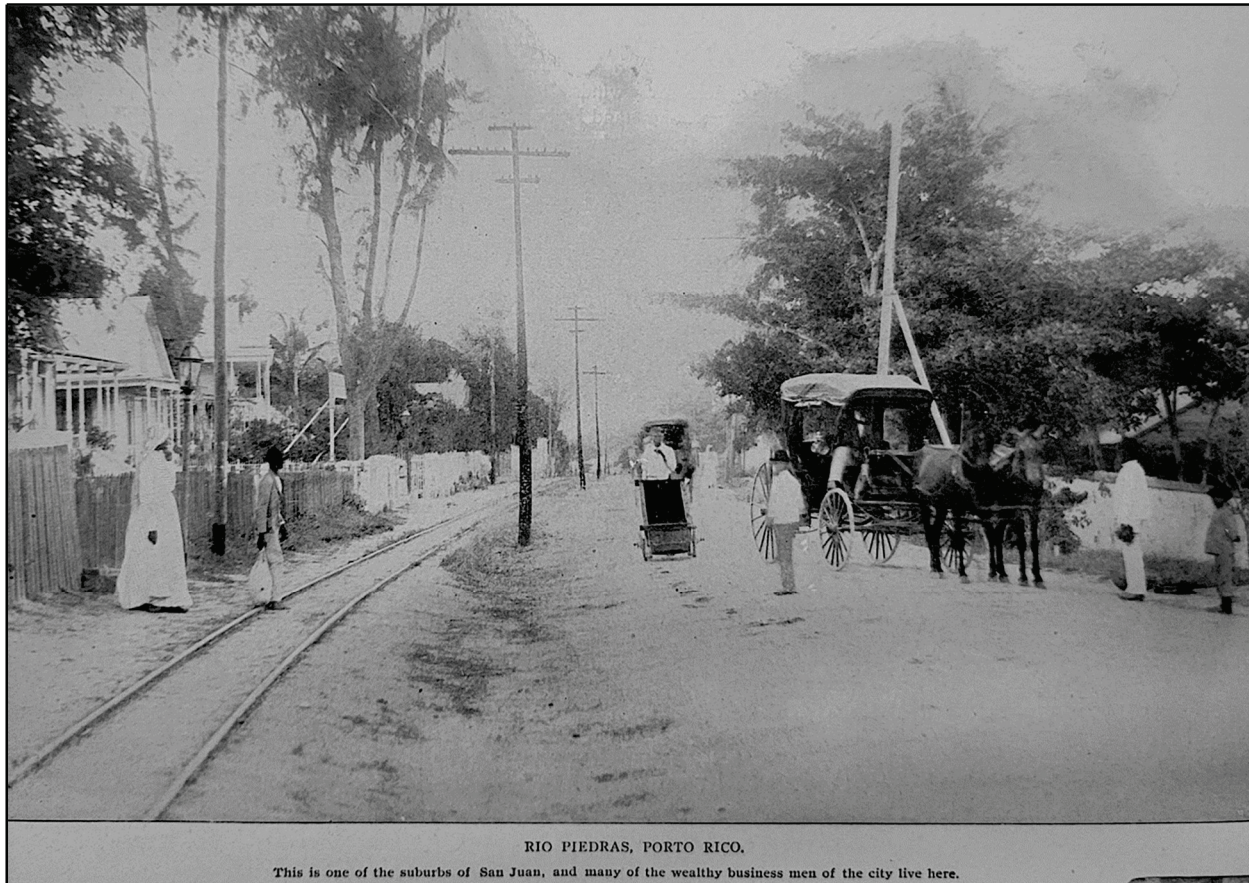


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 19 The oldest photo of the use of the train documented by Mr. Frank G. Carpenter when he visited the island, he went to Rio Piedras in the summer of 1899 and published it in “Our Islands and Their People”, Vol. 1, p. 282.

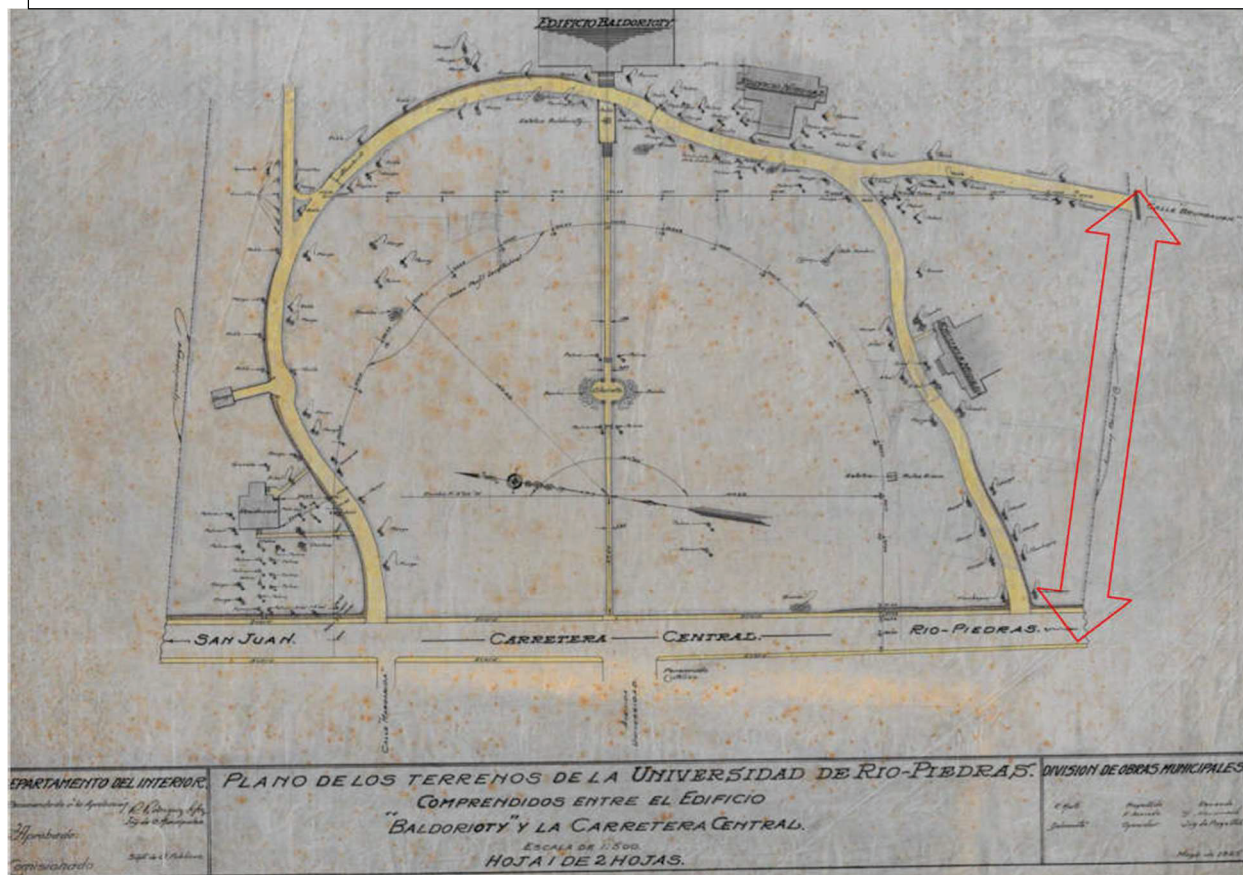


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 20: Construction Plan from 1925 shows the passage of the train tracks of the American Rail Road of Porto Rico through Gándara Avenue at the intersection with Brumbaugh Street. University of Puerto Rico. US Department of Interior.

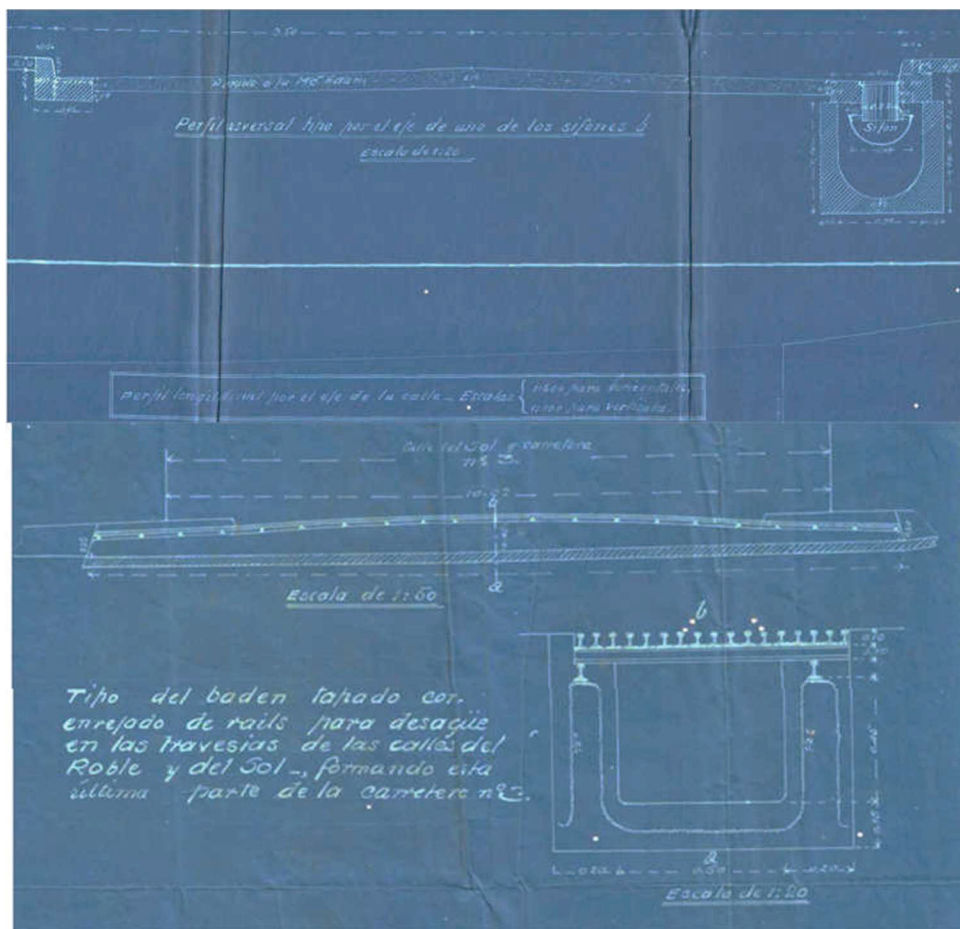


Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 21." Paving and drainage project for Brumbaugh Street (1912)



Permalink:

<https://archivonacional.com/PL/1/1/10783>

Procedencia o Archivo:

Archivo General de Puerto Rico Mapoteca

Título:

Proyecto de pavimentado y tajea de desagüe para la calle Brumbaugh de Río Piedras.

Fecha Documento Original:

1 de enero de 1912

Alcance y Contenido:

Proyecto de pavimentado y tajea de desagüe para la calle Brumbaugh de Río Piedras.. Este plano se encuentra en la Mapoteca y corresponde al Fondo Municipal de Río Piedras con el código de Referencia PR AGPR FM RPIEDRAS Mapoteca 1.29.0.13. Procedencia: Sección Obras Públicas, Exp. Sobre subastas de la obra de construcción de aceras, cunetas y alcantarillas de la calle Brumbaugh de esta población, Años 1912-13.

Thumbnail

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

**Figure 22. Project Location on Spanish cartography of
1878; 1882 and 1884;
1:20000 modified scale**



1878 by Francisco Larrea y Liso and Manuel Moriano y Vió (Sepúlveda, 2004)

1882 by Department of the Interior, San Juan

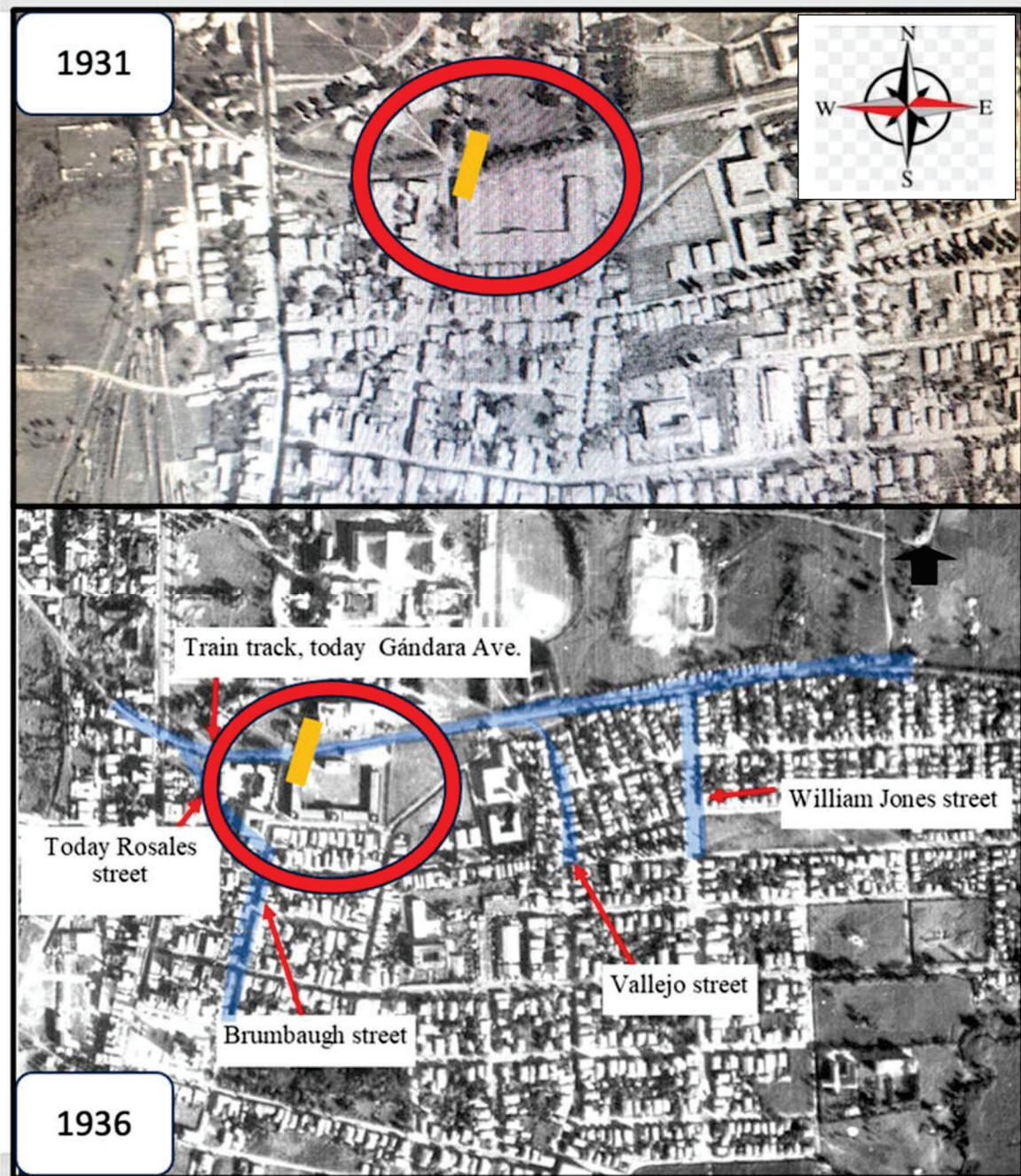
1884 by Francisco Larrea y Liso and Manuel Moriano y Vivó (Sepúlveda, 2004)

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 24. Aerial photography from 1931 and 1936



1931 from Public Transportation Authority
1936 from Jaqueline López Meléndez, Ref. PR-CRP-000957

Subrecipient: Autonomous Municipality of San Juan

Project Name: Puente Iluminado (puente Klumb Ave Gandara)

Project ID: PR-CRP-000955

Figure 25 Aerial photography from 1962



From Public Transportation Authority

PRDOH CDBG-DR CRP PROGRAM

Puente Henry Klumb

San Juan, Puerto Rico

PR-CRP-000955



Archaeological Monitoring Plan

Prepared by:

Imandra Martínez

Archaeologist – **PLEXOS GROUP**

March 27, 2024

*Incorporating the Archaeological Monitoring Work Plan Template
developed by Archaeologist Sharon Meléndez Ortiz, HORNE PR, 2023*

PREAMBLE

The Municipality of San Juan 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. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of San Juan for the City Revitalization Program as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The Municipality of San Juan proposes to repair some of the existing features of the historic Henry Klumb bridge (built in 1958) and its landing areas. The structure is located at Ave. Gándara, Int. Brumbaugh Street in Río Piedras (18.401131°, -66.050738°) (Figure 1 and 2).

The undertaking will repair damages caused by hurricanes Irma and María, restoring, or replacing some of the bridge's existing features, including its landing areas. On the other hand, the project proposes replacing all pavement surfaces on the bridge (sidewalk areas, rest areas, and stairs). Another part of the work will concentrate on improving the site's lighting and the safety of passers-by. According to the previous investigation (Hernández, Zuleyka and Torres, Maritza, Puente Henry Klumb, CRP-000955, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023), the Direct APE consists of the bridge and sidewalks along both sides of the bridge, eastward to the University High School building's west side boundary and westward to the Ramon Vila Mayo school boundary. To the north, it extends 50 meters from José N. Gándara Avenue to the end of the bridge, landing on the UPR campus grounds. To the south, it extends 54 meters from José N. Gándara Avenue to Brumbaugh Street. The Indirect or visual APE it extends 73 meters from Brumbaugh Street towards the university grounds. To the south, it extends 76 meters from José N. Gándara Avenue towards North Street. It extends 44.74 meters east from the east wall of the bridge and 42.51 meters from the west wall to the west. The project location is observed across José N. Gándara Avenue when traveling along Brumbaugh Street towards the project location and/or from the UPR Campus' grounds towards the project location.

The objectives of this archaeological monitoring plan are: (1) to establish measures to prevent indirect adverse effects on known historical resources; (2) to establish the protocol to be followed in archaeological monitoring; (3) to establish the protocol to be followed if previously unknown resources are identified; (4) to establish the protocol to be followed if there are any unexpected or previously unanticipated adverse effects; (5) to locate, evaluate and document archaeological resources during project development; (6) to recover as much archaeological information as possible during excavation and construction; (7) to conserve and enhance the value of the archaeological resources located and documented; and (8) in the event that the archaeological resource cannot be conserved in situ, to conserve it through documentation (preservation by record).

Figure 2. Project Parcel Location. Area of Potential Effect Map (Source: Hernández, Zuleyka and Torres, Maritza, Puente Henry Klumb, CRP-000955, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023)



This scope of work is divided into six (6) sections and one (2) appendix. The section following this preamble discusses the proposed construction works. The third section includes a brief description of the historic properties located within the APE and of the archaeological potential of the area. The fourth section provides a detailed description of the archaeological monitoring procedure to be carried out before, during and after the construction works. Section V includes the professional qualifications of the team that will implement this monitoring plan and the last section includes the references cited. The plan closes with an appendix with a model of a monitoring daily activity sheet (Appendix A).

1. PROJECT DESCRIPTION

The project aims¹ to repair the existing Henry Klumb bridge features and its landing areas. According to (Hernández and Torres, 2023), the bridge has been closed since 2017 (after María Hurricane) with a metal fence and gate on the UPR side. It has deteriorated without any intervention or maintenance. The proposed scope of works covers nearly 9,650 square feet or 897 square meters of surface improvements. During the project, the contractors will replace all pavement surfaces on the bridge, sidewalks to the bridge, the two sidewalk areas under the bridge, rest areas, and stairs. Other improvements consist of repairing some cracks in the concrete handrails, installing a new lighting system (the existing lighting poles will be maintained near the UPR), new stainless-steel handrails will be added (to meet the code requirement for 42" high handrails), and urban furniture and landscaping will be provided for the landing areas. The rehabilitation of the Henry Klumb Bridge also includes demolition and reconstruction activities. Other luminaires will be replaced; the project will consist of new items such as benches, bicycle racks, trash cans, signage, tree cutting and pruning, new green areas, and new pavements for both landing areas. A new concrete slab and paver surface will be constructed in the landing areas. These areas also include bollards, signage, lighting poles, and a new gate in the UPR Plaza.

Excavations and ground disturbance²:

- Demolitions related to the reconstruction of both landings' areas and the floor topping of the Bridge (See drawings DS-1.0, DS-1.1).
- Demolition and new foundation work Brumbaugh Street Plaza and UPR Plaza: 8" deep.
- Urban elements construction (bollards, signage, lighting poles and a new gate in the UPR Plaza): 24"-30" deep.
- New storm sewer trench drain, and storm sewer pipe (connected to the existing catch basin at Ave. Gándara): 36" W; 36"H; 17'L.
- Storm sewer pipe trench: 24" W; 24"H; 72'L.
- Electrical trench (electrical conduit placement): 24" deep.
- New lighting poles footing: 18" deep.
- New retaining wall: 30" deep.

The demolition works will be performed using lightweight equipment. The contractor shall take precautions during demolition works on areas identified as environmentally, architecturally, and archaeologically sensitive. During the demolition and construction

¹ To better understand the proposed undertaking, see the attached most recent design plans (Appendix B).

process, erosion and sedimentation control measures will be implemented to avoid the sediments discharge into the road surface and storm sewer system during rainfall events.

Figure 3. Bridge demolition site plan

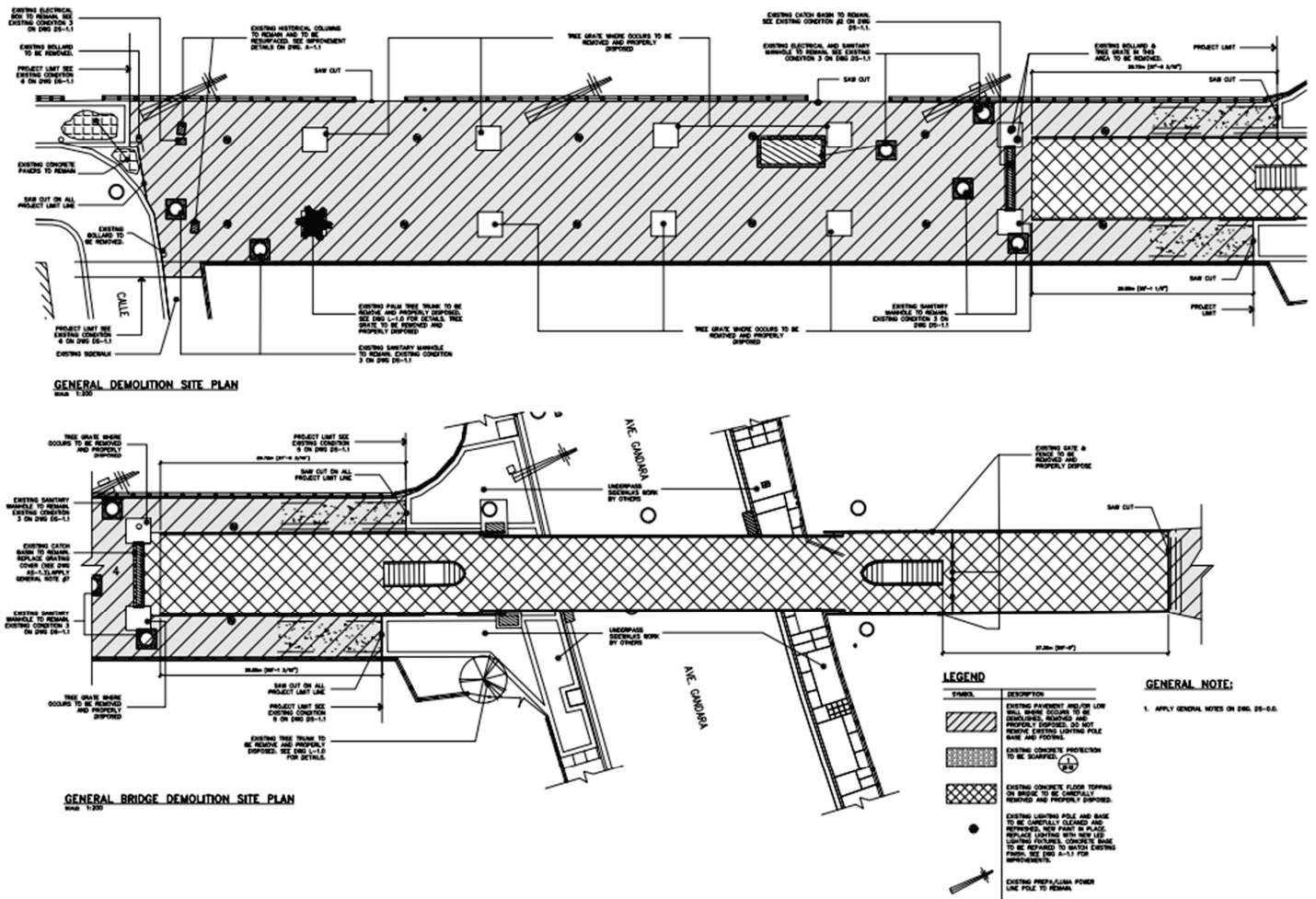
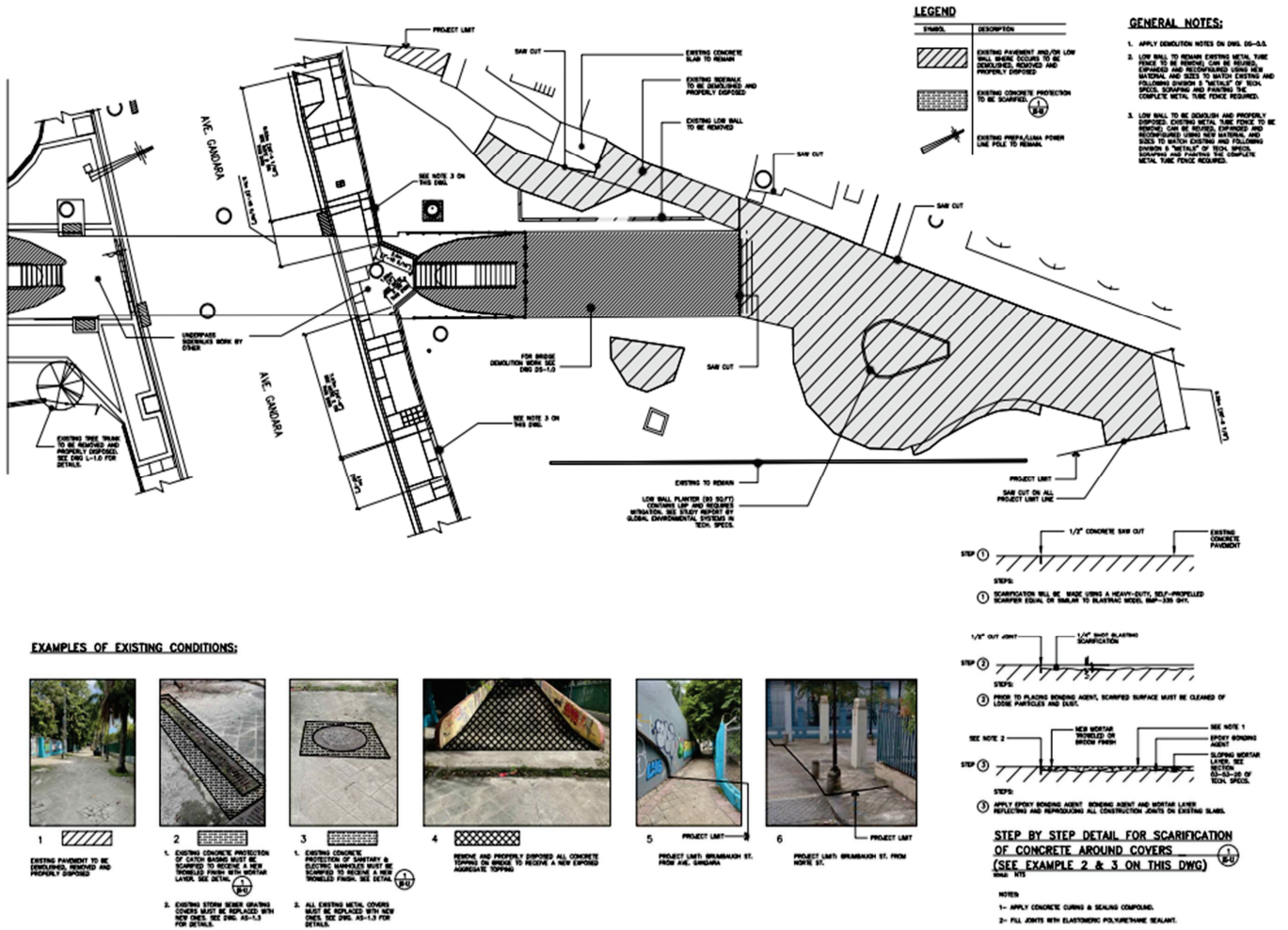


Figure 3. Demolition site plan



2. HISTORIC PROPERTIES WITHIN THE APE

The study area is in the San Juan Municipality, Río Piedras ward. The Henry Klumb bridge is an important example of the modern engineering work, eligible to the NRHP. The bridge was built in 1950's and design by the Henry Klum architect. This structure is essential not only for its distinctive characteristics of a period in the modern architecture and engineering of the island but also because it was designed by Henry Klumb, one of the architects who marked the history and the built landscape of Puerto Rico with his vast work. This structure is located on Brumbaugh Avenue (18.401114, -66.050730), over José N. Gándara Avenue³. The bridge connects the University of Puerto Rico with the Río Piedras Traditional Urban Center. On the other hand, the project area is contiguous to the boundaries of the National Register of Historic Places listed University of Puerto Rico Tower and Quadrangle District. The Henry Klumb Bridge is southwest of the above-mentioned historic district. In addition, it is situated 0.23 miles from Río Piedras NRHP Eligible Historic District.

Río Piedras⁴ was founded as a town in 1714 in the area called El Roble. According to the previous Archaeological Monitoring Plan prepared by the same area⁵:

Several authors have referred to the urban history of Río Piedras. For example, Cayetano Coll y Toste (quoted in Ocasio Meléndez, Marcial E., page 9 and Sepúlveda, Anibal, page 152), states that Río Piedras appeared as a town in 1714, in the place known as El Roble. This text also refers to the importance of its hermitage, established in 1645. This makes it one of the oldest in Puerto Rico. The parish was erected in 1714 with the advocacy of Nuestra Señora del Pilar. However, the church we admire today was designed in 1931 by architect Francisco Porrata Doria. On the other hand, Fray Iñigo Abbad y Lasierra mentions, at the end of the 18th century, that the Río Piedras Town was situated half a league from the Martin Peña Bridge. Abbad y Lasierra (page 232) also describes it with a church and three houses in a meadow next to a stream. One of the first maps showing the settlement is that of Miguel de Muesas of 1775. In this one, the church and the surrounding towns are clearly distinguished (See Figure 4). By the end of the XIX century, three main streets composed the urban layout from north to south and four from east to west (See figure 5).

It is important to note that the Henry Klumb Bridge, constructed in the middle XX century, is located on one of the avenues that composed the initial urban trace of Río Piedras Town, the old Calle España (See figure 4), today, Calle Brumbaugh—furthermore, the bases of the bridge rest on both sides of the Gándara Avenue—.Gándara Avenue became part of the

³ Gándara Avenue is located 0.21 miles from the center of Río Piedras Río from Arzuaga Street (measured by Brumbaugh Street)

⁴ In 1951, Río Piedras Town was incorporated as a barrio or ward of the Municipality of San Juan.

⁵ Martínez, Imandra, 2023. Archaeological Monitoring Plan. PRDOH CDBG-DR CRP Program PR-CRP-000957 Improvements to Gándara Avenue from Ave. Universidad to Ave. Barbosa, Rosales, Vallejo & William Jones streets. Incorporating the Archaeological Monitoring Work Plan Template developed by Archaeologist Sharon Meléndez Ortiz, HORNE PR,2023.

urban context in early twentieth century (See figures 5). The historical development of the study area was marked by the construction of two critical infrastructural resources: the tramway (Formerly west of the APE) and the railroad (Formerly passed through Gándara Ave) (See figure 5). At the end of the 19th century (ca. 1880), Pablo Ubarri y Capetillo obtained permission to build the tramway to unite San Juan with Río Piedras. On the other hand, at the end of the 19th century, the Spanish government planned the construction of a railroad. Both resources facilitated the movement of merchandise and passengers between Río Piedras and the rest of the centers, especially with San Juan. It is essential to note the historical presence of the railroad across Gándara Avenue. Among the historical events that have marked the development of Río Piedras, are its status as a production and supply center for San Juan, the construction of the tramway that linked it to the capital, its status as a summer vacation spot for wealthy families of the capital, and finally its importance as an academic center of the island after the development of the University of Puerto Rico campus. Within a quarter mile of the APE there are properties whose period of importance goes from the XVIII century to the end of the XX century.

Some of the NRHP listed inside the study area are University of Puerto Rico Tower and Quadrangle ca. 1935-1939 (0.08 mi NE); Casa Vigil, c.1898 (0.10mi SE); Edificio Comunidad de Orgullo Gay de Puerto Rico, ca. 1920s-30s (0.08 mi SW). Others eligible properties near the study area are: Facundo Bueso Building, ca. 1949 (0.01mi, NE); Ramón Vila Mayo School, ca. 1920 (0.01mi, SW); Agustín Stahl Building ca. 1931(0.03 mi, NE), University High School (*Escuela Secundaria de la Universidad de Puerto Rico*), ca. 1920-1930 (0.03 mi, SE), amount others.

Archaeological Potential

The archaeological potential of the APE is derived from centuries of occupation and urban development of Río Piedras Town. Remnants of the different periods of occupation can be found in the subsoil. Especially from the historical period between the 19th century and the 20th century. The studies consulted during the investigations of the Section 106 NHPA Effect Determination (Hernández and Torres, 2023 and Dilan and Meléndez, 2023⁶) reveal that several reports identified in the study area yielded positive results to a historical context. For example, the Fase IA, Casa de Arte MHAA-UPR (0.20 mi N) by Adalberto, Maurás in 2006. Historical potentials were documented. The archaeologist recommended a Phase 1B. Fase IA Restauración del piso Iglesia Nuestra Señora del Pilar (0.22 mi SW) by Antonio Daubon in 2014. Historical potentials were documented. The archaeologist recommended Archaeological Monitoring. The ones closest to the Henry Klumb Bridge were carried out in the *Plaza Universitaria* building. In 2002, the archaeologist Ethel Schlafer execute a Fase II, *Estacionamiento Plaza Universitaria* (0.16 mi NW). Findings of historical context were identified. In 2012, a Fase III. *De alfares y Vasijas Análisis de Laboratorio e Informe Final de la Documentación Arqueológica del Proyecto Plaza Universitaria* was conducted by Sharon Meléndez Ortíz (0.16 mi NW), a 19th and 20th centuries site was documented. Another important study was the *Fase III. Tren Urbano Project, Río Piedras-UPR Alignment*, conducted by Marisol Meléndez, Jaqueline López, Sharon Meléndez and Leila Comulada in 2004 (0.12 mi SW), this archaeological mitigation included five data recovery

⁶ Dilan, Heidi J., and López Meléndez, Jaqueline, 2023. Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP-000957), Section 106 NHPA Effect Determination.

areas⁷ along the Ave. Ponce de León where fourteen historic archaeological sites were documented.

Due to its location, and the data obtained from the studies, we can conclude that the project's APE has a potential for the presence of archeological resources from colonial times associated with the urban development of the of Río Piedras town. In the historical context of the island, we can find artifacts like a ceramic, glass, and metal, among others, related to the lifestyles of past societies. In addition to the above, particular attention should be paid to the route of the historic railroad tracks through the Gándara Avenue. The area is susceptible to the presence of artifacts related to trade, and the railroad industry, or infrastructural elements of archaeological value. Furthermore, the project is surrounded by buildings dating back to the beginning of the 20th century. Historical elements can be found in the subsoil, such as culverts, structural remains, building footings, canals, and others, as well as construction materials related to manufacturing these buildings, remaining tools or elements related to the construction modes. Similarly, attention should be paid to the effects of demolitions on historic structures eligible for the NRHP, especially the bridge.

Below is a series of images related to the historical and archaeological significance of the site, as well as its historical uses.

⁷ Area 1 is 0.20 miles northeast from Gándara Avenue and Area 2 is 0.02 miles southwest, Area 3 is 0.07 miles northwest, Area 4 is 0.08 miles northwest and Area 5 is 0.07 miles southwest from Brumbaugh Street.

Figure 4. Croquis de Río Piedras, Manuel Moriano, 1884. the old España street and the direction to the APE are marked in yellow, (Source: Archivo Digital Nacional de Puerto Rico).

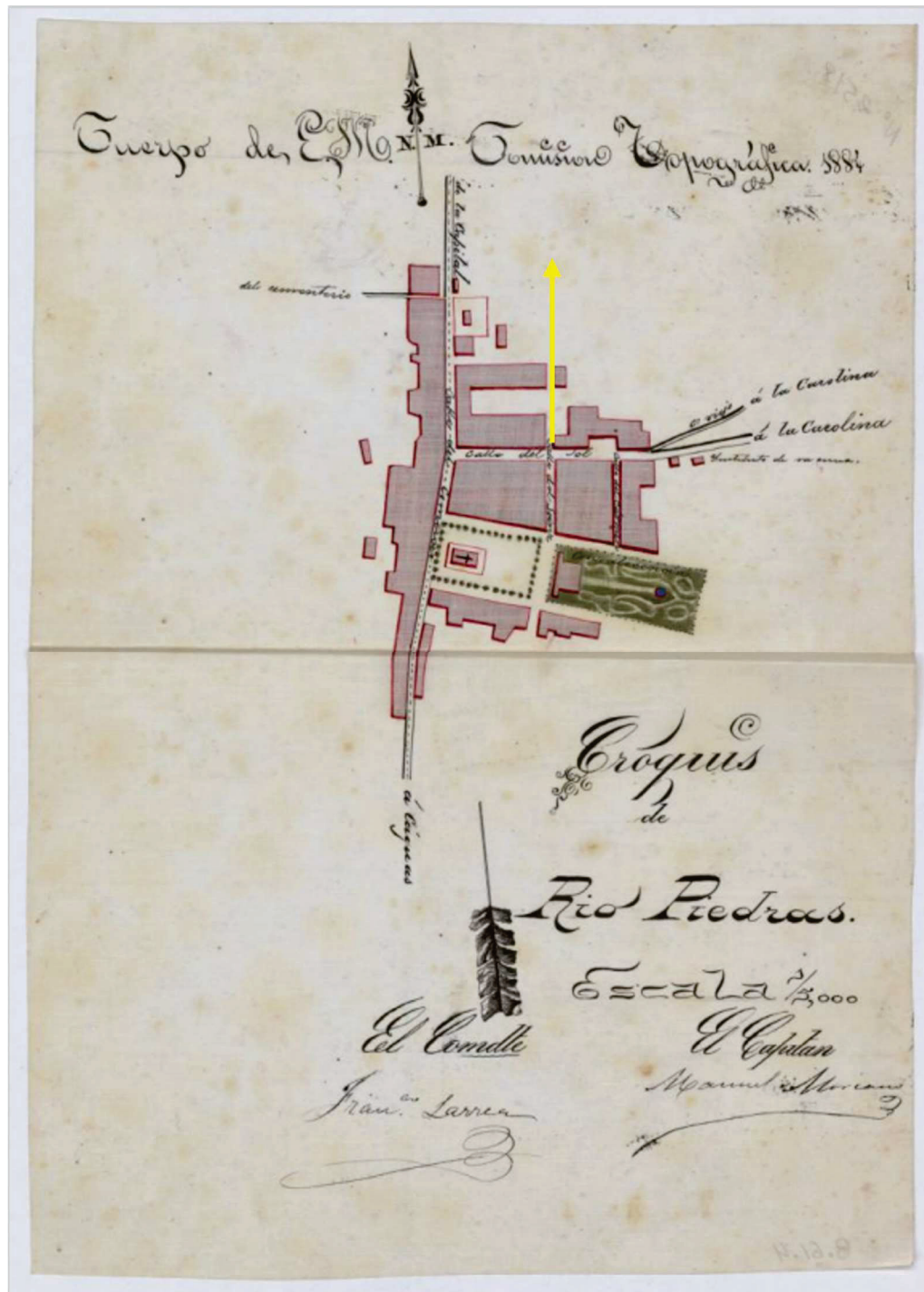


Figure 5. 1909, Topographical plan of the land of the Agricultural and Normal schools, Río Piedras, PR. Project area is highlight in yellow (Source: Sepúlveda, 2004, Vol. 3, pag. 408).

Figure 6. Río Piedras 1916. Map showing the railroad and the tramway. In yellow, project area showing the overlapping of the segment of Gándara Street with the old railroad track. (Source: Sepúlveda, Anibal, 2004, V3, p. 411.)

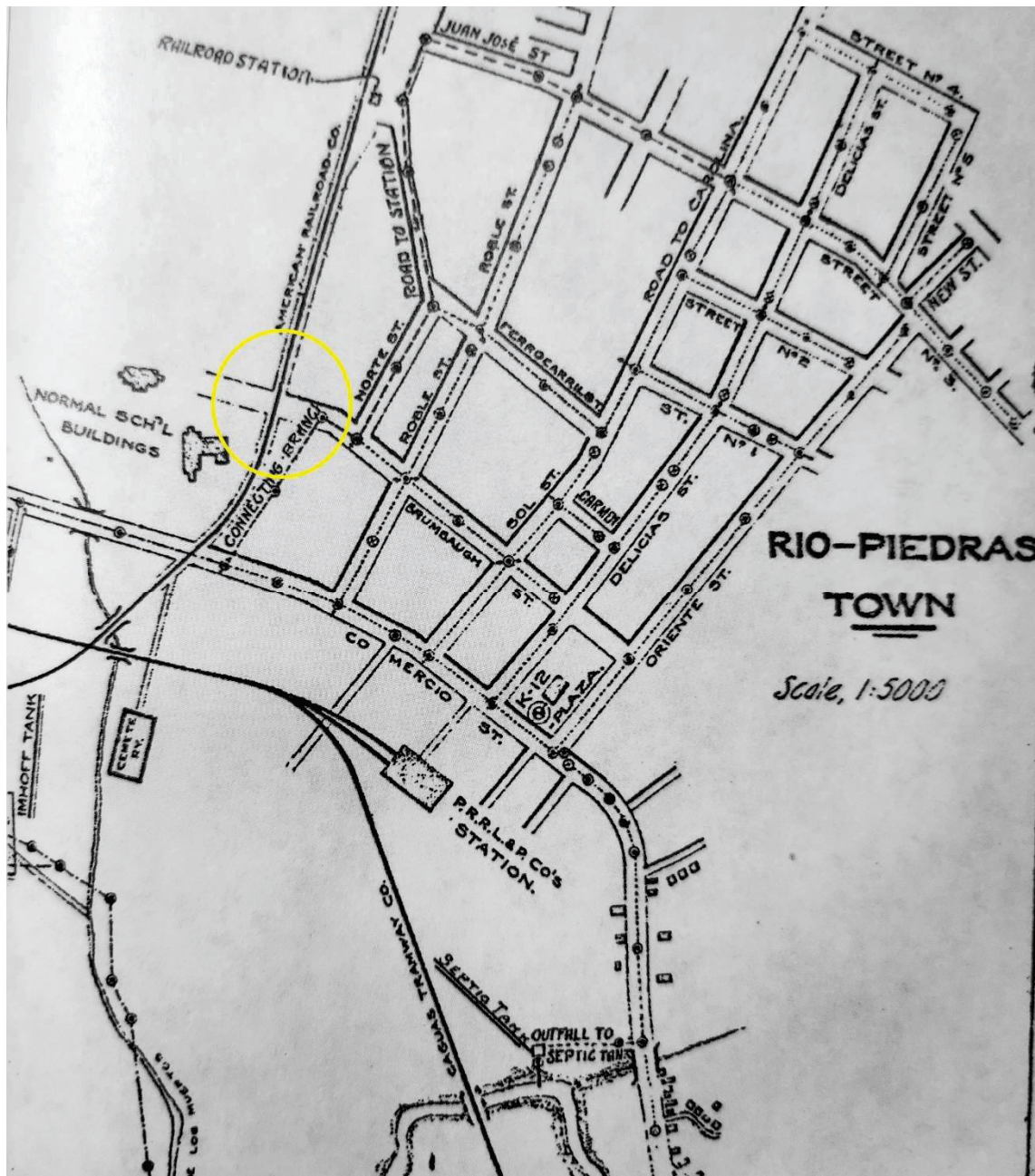


Figure 7. Río Piedras ca 1930, proposed project area is highlight in yellow (Source: PRRA Architecture page, development by Dr. Luz Marie Rodríguez. Image obtained from AACUPR).



Figure 8. 1940 Topographic map of the Río Piedras ward (ancient traditional urban center), scale 1:30,000. Project area is highlighted in yellow. (Source: United States Geological Survey).

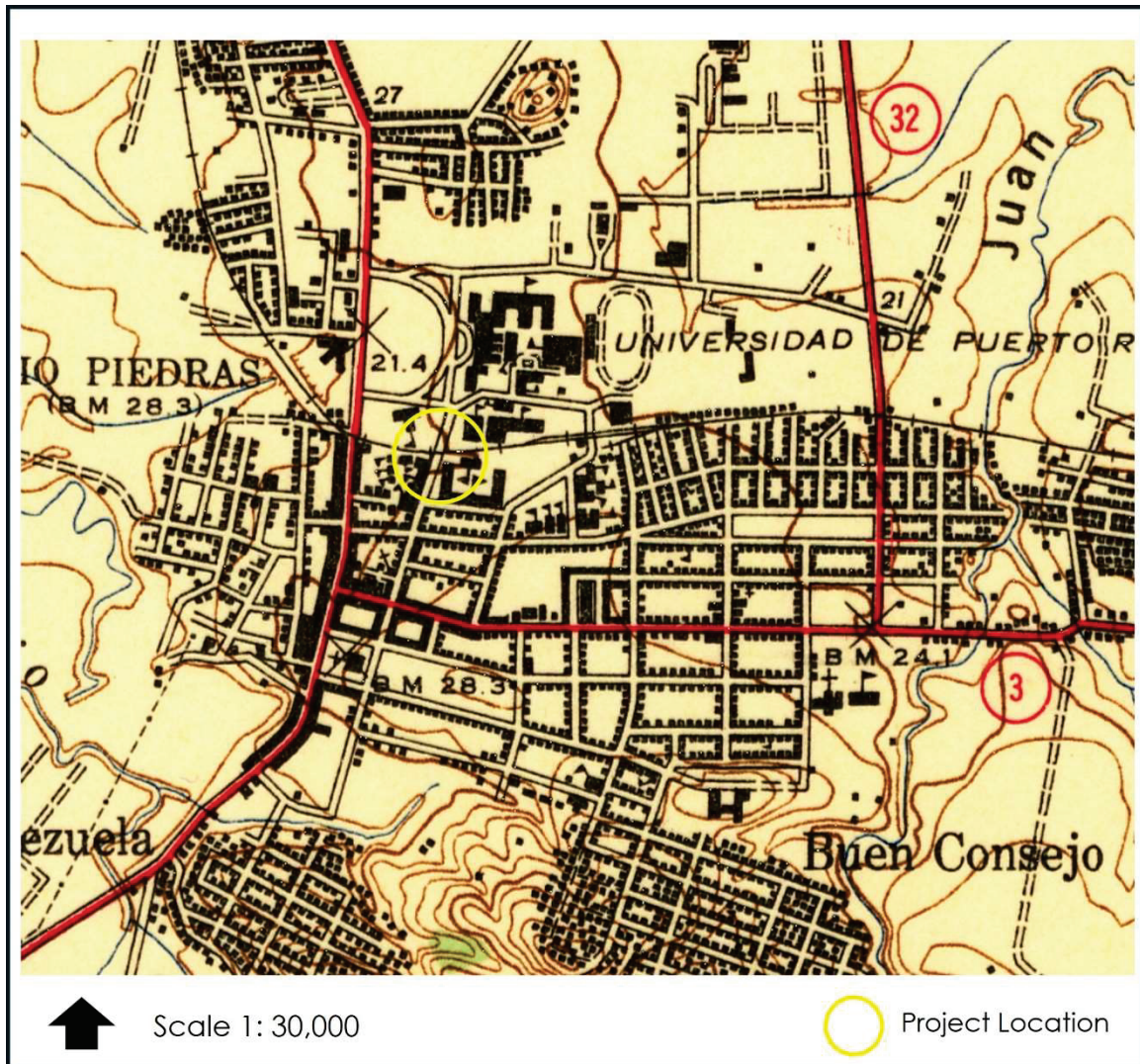


Figure 9. 1956 aerial view of the University, showing its colleges and adjacent buildings. The bridge had not been built yet Project area is highlighted in yellow (Source: Photo Collection of El Mundo Newspaper).

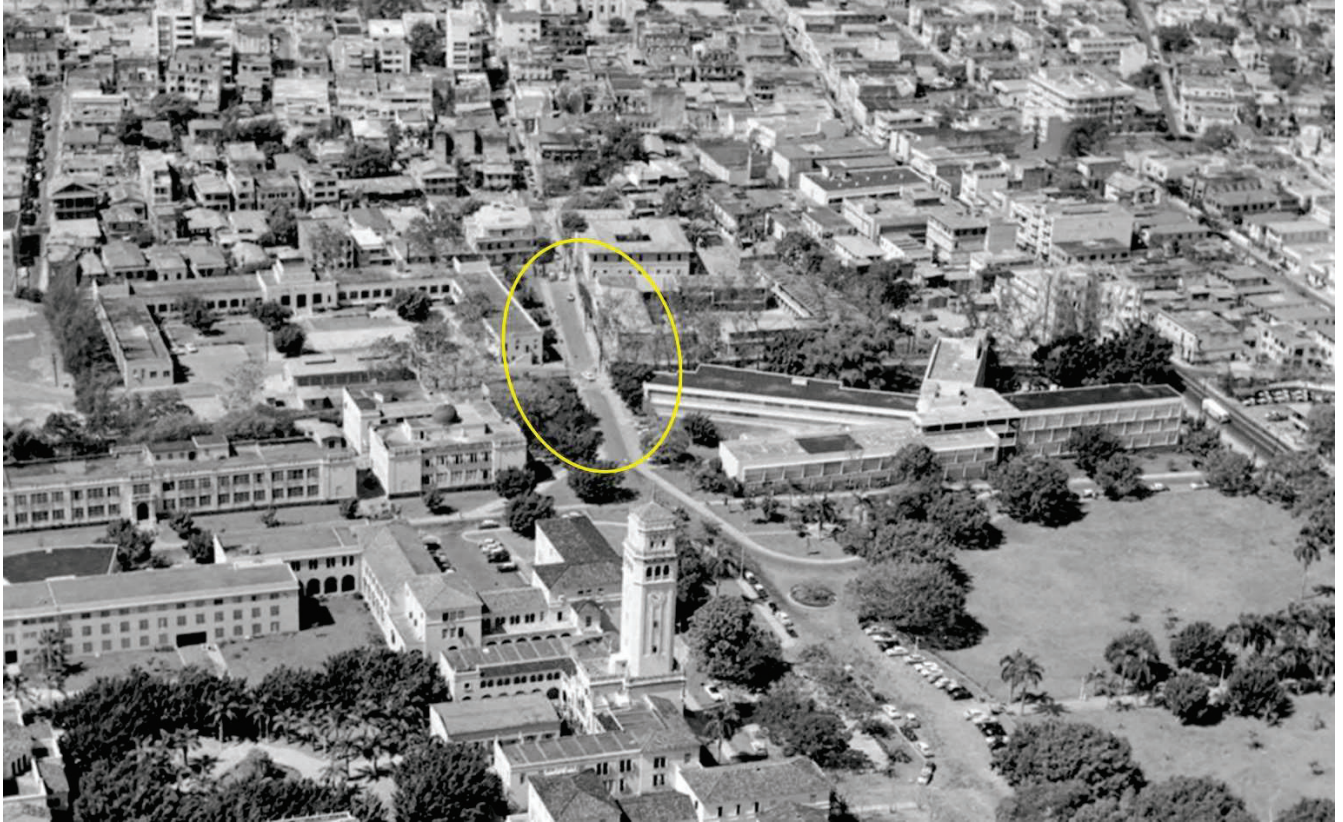


Figure 10. 1967 aerial view of the University and the Rio Piedras ward. Project area is highlighted in yellow. The bridge had already been built (Source: USGS EarthExplorer <https://earthexplorer.usgs.gov/>).



Figure 11. View of the bridge from Jose N. Gándara Ave, towards west, 2024. (Source: Hernández, Zuleyka and Torres, Maritza, Puente Henry Klumb, CRP-000955, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023)



Figure 12. Left, details of the roof, looking south from sidewalk on José N.Gándara Avenue. Right, Stairways and concrete foundations in direction to UPR Campus 2024. (Source: Hernández, Zuleyka and Torres, Maritza, Puente Henry Klumb, CRP-000955, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023)



3. ARCHAEOLOGICAL MONITORING PROCEDURE

The monitoring activities can be divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to activities that entail demolition, excavations, and earth movements. Those reconstruction activities that do not entail excavations or earth movements do not require an archaeological monitor. However, if there are activities with heavy equipment taking place in the vicinity of historic buildings, there should be a monitor present to prevent accidents and indirect impacts.

A. Before Construction Begins

1. The Municipality/Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and Monitor of the proposed activities' start date. The PM is responsible for coordination between the CM and the SOI-qualified archaeologist who will oversee the monitoring (Monitor).
2. Before any demolition or construction begins, the Municipality, PM, CM, GM, and Monitor will have a kickoff meeting to discuss the procedure for archaeological monitoring, including the coordination protocol between the Monitor and the Contractor. The Monitor will provide an orientation on the area's cultural resources and potential resources and their proper treatment. The Monitor will also explain which project activities require archaeological monitoring.
3. The Municipality, CM, PM, and construction crew will complete and sign a statement outlining the activities that may not be performed without the Monitor's presence, demonstrating their understanding and commitment to following the archaeological monitoring procedures.
4. The Monitor shall document the NHRP-eligible or potentially eligible structure through detailed descriptions, photos, and scale drawings. Particular attention shall be paid to the construction stages and to other associated structures that may exist within the project's area of potential effect. This data must be included in the final report.

B. During Demolition and Construction

1. The Monitor shall be in the field during all project activities involving demolition and ground disturbance, and activities with heavy machinery in the vicinity of historic properties; access and clear sightlines to all demolition and excavation activities and debris removal will be provided to the Monitor.
2. All demolition must be done with light machinery. In addition, demolitions adjacent to the bridge landings' area should be performed with hand-held hydraulic hammers to avoid damaging the structure.
3. The Monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is a potential to impact an archaeological resource. The construction field personnel will abide by these requests: excavate slowly, stop the excavation work to evaluate a finding, etc.
4. The Monitor shall keep a record of monitored activities. The Monitor shall fill out the Daily Record of Activities Form (see **Appendix A**). These forms should be sent

weekly to the GM for review and will be attached to the final report as an appendix.

5. After the demolition and removal of surfaces, the Monitor shall document any exposed subsurface feature and shall complete a scale plan drawing. The amount, size, and placement of excavation units needed to document the features, if any, shall depend on the size and complexity of the feature being documented. If necessary to understand the context of the identified resource, the Monitor should conduct archival research of primary sources (like previous project files, newspapers, journals), cartographic sources, and historical images.
6. The Monitor shall document all other archaeological remains identified during construction activities, except for previously unidentified historically significant findings (refer to B-7 below). The documentation shall include a detailed description of the discovery, context, horizontal and vertical provenience, photos, and a plan drawing. This documentation shall be done within a reasonable amount of time, trying not to impact on the project schedule as much as possible.
7. Any subsurface feature may be demolished and removed after being documented by the Monitor and approved by the GM. The information recorded will be included in the final report.
8. If the identified archaeological remains are considered historically significant – i.e., complex structures, precolonial remains or stratified deposits – the Monitor shall instruct the construction crew to (1) immediately cease work in the vicinity of the discovery, (2) take all reasonable measures to avoid or minimize harm to the property, and (3) notify the Municipality, PM, CM, and GM. The GM shall immediately notify the SHPO, as per stipulation III.B.1.b. of the PA. The following protocol shall be followed:
 - a. The Monitor shall make a preliminary assessment of the finding. The assessment shall include a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings including a site plan. The assessment shall also include a work plan for implementing a National Register of Historic Places' eligibility evaluation of the exceptional remains.
 - b. The assessment and NRHP-eligibility evaluation work plan shall be submitted via email to the PM and GM within 24 hours of the discovery. The GM will comment on the work plan within 24 hours of receiving it.
 - c. The Monitor shall implement the work plan after receiving the GM's authorization to proceed. After completing the fieldwork, the Monitor shall prepare an End of Field Report, summarizing the results. Said report should include an NRHP-eligibility determination. The End of Field Report shall be submitted via email to the PM and GM within 48 hours after completing the fieldwork.
 - d. The GM shall notify the SHPO of the NRHP-eligibility determination.
 - i. If the finding is **not eligible** to the NRHP, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO disagrees with the NRHP determination and makes a timely objection within 48 hours of the notification.

- ii. If the finding is **eligible** to the NRHP, the criteria of adverse effect shall be applied. If the project activities do not adversely affect the finding, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO makes a timely objection within 48 hours of the notification.

If the project activities have an **adverse effect** on the NRHP-eligible finding, a Data Recovery will be implemented as a Treatment Measure per Appendix F of the PA. The Monitor shall develop a data recovery plan with a research design consistent with the Secretary of the Interior's Guidelines for Archeological Documentation (http://www.nps.gov/history/localaw/arch_stnds_7.htm) and the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009, at [https://www.achp.gov/protectinghistoricproperties/Section 106 Archaeology Guidance](https://www.achp.gov/protectinghistoricproperties/Section_106_Archaeology_Guidance). The data recovery plan shall be submitted via email to the GM for comments. The GM shall be responsible for submitting the data recovery plan to the SHPO for comments and approval. This treatment measure does not apply to burials or human remains (refer to II.B.11 of this work plan).

9. If any additional construction activities are added or design changes are made after the project has begun, the Municipality, CM and PM shall inform the GM and the Monitor prior to performing the work. The Monitor, in conjunction with GM, shall evaluate these activities and apply the adverse effect criteria. If it is determined that the effect is adverse, the archaeologist will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the SHPO prior to implementation. The SHPO will have 15 days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the SHPO has no objection and concurs with the recommendations outlined.
10. If during construction activities a historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the Municipality, PM, GM and Monitor. The Monitor, in conjunction with GM, shall evaluate the unanticipated effects and apply the adverse effect criteria within no more than 24 hours. If the effect is determined to be adverse, the Monitor and GM will provide recommendations on how to avoid, minimize, or mitigate such adverse effects. The GM shall consult with the SHPO on the recommendations prior to implementation. The SHPO will have 48 hours to comment on the recommendations. If no communication is received within that timeframe, it will be understood that the SHPO has no objection and concurs with the recommendations outlined.

C. After Construction Ends

1. Upon the completion of archaeological monitoring, the Municipality, PM and GM shall be notified. The estimated date of delivery of the final report shall be indicated in the said notification.
2. A technical report shall be prepared detailing monitored construction activities, documentary research (if any), documentation archaeological features and

other findings, and analysis and interpretation of the results. The report must include visual information, such as drawings and photos, and a sketch plan of all the documented findings. The report shall be submitted to the GM no later than two (2) weeks after completing the archaeological monitoring work. The GM shall submit the report to the SHPO no later than one (1) week after receiving it.

D. Human Remains

If human remains are discovered, the protocol established in Stipulation III.B.1.c. of the PA must be followed:

1. Stop work immediately.
2. Notify the local law enforcement office and coroner/medical examiner following applicable Commonwealth statute(s).
3. Protect the remains from any harm.
4. The GM shall be responsible for notifying the SHPO within twenty-four (24) hours of identifying human remains.

4. PROFESSIONAL QUALIFICATIONS

The Monitor must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36CFR Part 61. These are: a graduate degree in archaeology, anthropology, or closely related field, plus at least one (1) year of full-time professional experience or equivalent specialized training in archaeological research, administration, or management; at least four (4) months of supervised field and analytic experience in general Puerto Rican archaeology; the demonstrated ability to carry research to completion; and at least one (1) year of full-time professional experience at a supervisory level in the study of archaeological resources of the pre-Columbian and colonial periods. Please see https://www.nps.gov/history/local-law/arch_stnds_9.htm for more information.

The SOI-qualified archaeologist shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications. Any additional personnel to intervene in monitoring efforts shall have vast experience in historic archaeology, in working in evaluation (Phase II), documentation (Phase III), and monitoring projects dealing with colonial period properties.

The Principal Investigator may not transfer his or her duties, obligations, and responsibilities to subordinates or other technicians who are not professionally trained in archaeology. In the case of hiring archaeologists and trained technicians to assist in archaeological monitoring, the Principal Investigator must be present for at least 25 percent of the duration of the fieldwork to supervise them.

5. CITED REFERENCES

Advisory Council on Historic Preservation

1980 *Treatment of Archeological Properties: A Handbook*.
<http://libraryarchives.metro.net>

/DPGTL/archaeology/1980_treatment_archaeological_properties.pdf

Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico.

2017 *Reglamento para la radicación y evaluación arqueológica de proyectos de construcción y desarrollo*. San Juan: ICP. Reglamento #8932 del 8 de febrero de 2017.

Hernández-Bausá PC, Architects

2023 Improvements of the Henry Klumb Bridge, Rio Piedras, San Juan, Puerto Rico.

Hernández, Zuleyka and Torres, Maritza, Puente Henry Klumb,

2023 CRP-000955, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023.

Sepúlveda, Aníbal

2004 *Puerto Rico Urbano: Atlas Histórico de la Ciudad puertorriqueña*. San Juan: Centro de Investigaciones Carimar.

Ocasio Meléndez, Marcial E.

1985 *Río Piedras (Ciudad universitaria): Notas para su historia*. San Juan: Oficina Estatal de Conservación Histórica y Comité Historia de los Pueblos.

National Park Service

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines [As Amended and Annotated] Professional Qualification Standards". https://www.nps.gov/history/local-law/arch_stnds_9.htm.

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Archeological Documentation". http://www.cr.nps.gov/local-law/arch_stnds_7.htm [consultado feb. 2013].

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Historical Documentation". http://www.cr.nps.gov/local-law/arch_stnds_5.htm.

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Identification". http://www.cr.nps.gov/local-law/arch_stnds_5.htm.

Puerto Rico State Historic Preservation Office (PRSHPO)

1993 *Guía para hacer investigaciones arqueológicas Fases I, II y III*. San Juan: Oficina del Gobernador.

United States Geological Survey

APPENDIX A: MONITORING DAILY ACTIVITY SHEET

	PUERTO RICO 2017 DISASTER RECOVERY City Revitalization Program ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES	
	Case ID:	Project Location:
	Municipality:	Project Coordinates (lat/long):

SOI Qualified-Archaeologist:
Date of Monitoring: Click or tap to enter a date.
Work Hours:

<u>Description of work performed by contractor and supervised by the Monitor:</u>		
	YES	NO
Are the project activities conforming to the LIDRS? If not, explain below.	<input type="checkbox"/>	<input type="checkbox"/>
Was an archaeological remain documented during the day. If yes, include required information below.	<input type="checkbox"/>	<input type="checkbox"/>
Was an exceptional archaeological remain identified during the day? If yes, explain below.	<input type="checkbox"/>	<input type="checkbox"/>
Have the construction activities affected a previously unidentified property or a known historic property in an unanticipated manner? If yes, explain below.	<input type="checkbox"/>	<input type="checkbox"/>
Has there been a change in the scope of work of the project? If yes, explain below.	<input type="checkbox"/>	<input type="checkbox"/>

 <p>GOVERNMENT OF PUERTO RICO DEPARTAMENTO DE RECUPERACIÓN</p>	<p>PUERTO RICO 2017 DISASTER RECOVERY City Revitalization Program ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES</p>
<p>Case ID:</p>	<p>Project Location:</p>
<p>Municipality:</p>	<p>Project Coordinates (lat/long):</p>

<p>Site Photos</p>	
<p>Direction of Photo: Click here to enter text. Description: Click here to enter text.</p>	
<p>Direction of Photo: Click here to enter text. Description: Click here to enter text.</p>	

**Attachment XII: Noise Abatement and Control Noise Control Act
of 1972, as amended by the Quiet Communities Act of 1978; 24
CFR Part 51 Subpart B**

Noise (CEST Level Reviews)

General requirements	Legislation	Regulation
HUD's noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: "Compatible Land Uses at Federal Airfields"	Title 24 CFR 51 Subpart B
References		
https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control		

1. What activities does your project involve? Check all that apply:

- ☐ New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ Continue to Question 4.

- ☐ Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ Continue to Question 2.

- ☐ A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

- ☒ None of the above

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?

☐ Yes

Indicate the type of measures that will apply (check all that apply):

☐ Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)

☐ Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)

☐ Other

Explain:

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any supporting documentation.

☐ No

→ Continue to Question 3.

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Describe findings of the Preliminary Screening:

→ Continue to Question 6.

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Indicate the findings of the Preliminary Screening below:

☐ There are no noise generators found within the threshold distances above.

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

☐ Noise generators were found within the threshold distances.

→ Continue to Question 5.

5. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

☐ Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here:

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.

☐ Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here:

Is the project in a largely undeveloped area¹?

☐ No

→ Your project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i). Elevate this review to an EA-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

☐ Yes

→ Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Elevate this review to an EIS-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses or does not have water and sewer capacity to serve the project.

☐ Unacceptable: (Above 75 decibels)

Indicate noise level here:

Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). You may either complete an EIS or provide a waiver signed by the appropriate authority. Indicate your choice:

☐ Convert to an EIS

→ Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

☐ Provide waiver

→ Provide an Environmental Impact Statement waiver from the Certifying Officer or the Assistant Secretary for Community Planning and Development per 24 CFR 51.104(b)(2) and noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

- 6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation. This information will be automatically included in the Mitigation summary for the environmental review.**

☐ Mitigation as follows will be implemented:

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.

Continue to the Worksheet Summary.

☐ No mitigation is necessary.

Explain why mitigation will not be made here:

→ *Continue to the Worksheet Summary.*

Worksheet Summary

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

The proposed project does not include New Construction for Residential Use nor the Rehabilitation of an existing residential property. No increase of the existing noise levels is expected during operation. Therefore, this topic is in compliance with Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B.

Are formal compliance steps or mitigation required?

☐ Yes

☒ No

Attachment XIII: Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149

The Figure at the following page was generated by a WEB TOOL. The information depicted in the figure is produced and represented by the web tool engine and it is shown as generated by the web tool. The information here relate to the subject project and is included here as requested by PRDOH to complement what is shown in the figure. The geographic coordinates included here identify the location of the project but may not be accurately represented by the web tool.



**PR-CRP-000955 Puente Iluminado
(Puente Klumb Ave Gandara)**

**OVER THE GÁNDARA AVE., RIO PIEDRAS WARD,
SAN JUAN, P.R**

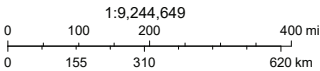
Coordinates:
Parcel ID: EXC-TMP-146-00 18.401131°, -66.050738°

SOLE SOURCE AQUIFER MAP



4/26/2024, 2:01:36 PM

Sole_Source_Aquifers



PR-CRP-000955 Puente Iluminado (puente Klumb Ave Gandara)

GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R

Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200

Attachment XIV: Wetlands Protection Executive Order 11990, particularly sections 2 and 5

The Figure at the following page was generated by a WEB TOOL. The information depicted in the figure is produced and represented by the web tool engine and it is shown as generated by the web tool. The information here relate to the subject project and is included here as requested by PRDOH to complement what is shown in the figure. The geographic coordinates included here identify the location of the project but may not be accurately represented by the web tool.



**PR-CRP-000955 Puente Iluminado
(Puente Klumb Ave Gandara)**

**OVER THE GÁNDARA AVE., RIO PIEDRAS WARD,
SAN JUAN, P.R**

Coordinates:
Parcel ID: EXC-TMP-146-00 18.401131°, -66.050738°



July 21, 2023

Wetlands

- Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

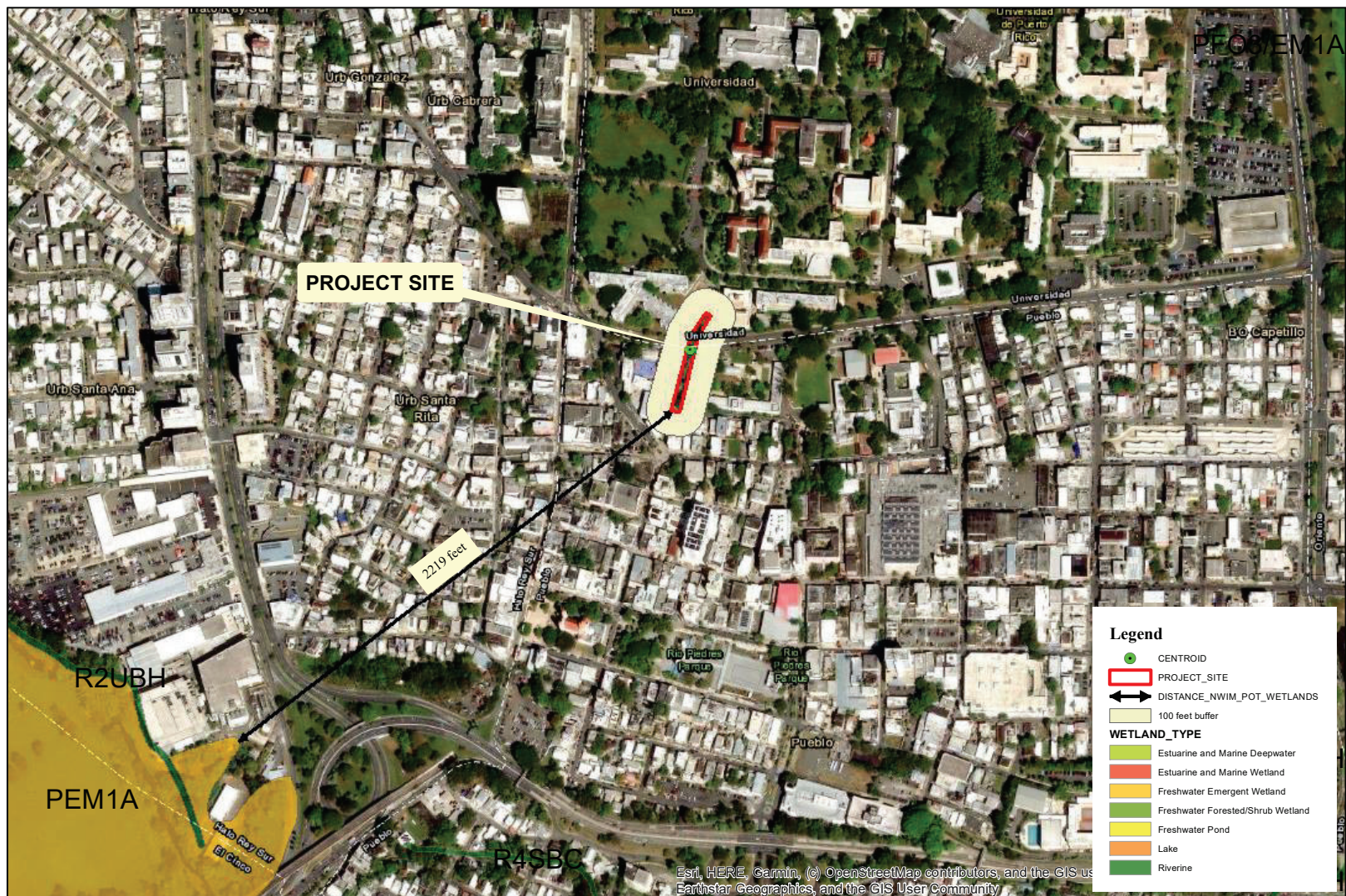
Freshwater Pond

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



N
W
S

PR-CRP-000955 Puente Iluminado
(puente Klumb Ave Gandara)

NATIONAL WETLAND INVENTORY MAP (100 FEET)
(Source: <https://www.fws.gov/program/national-wetlands-inventory>,
Esri Imagery Basemap)

0 25 50 100 150 200 Meters

1:6,000
GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R

Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°

Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200

**Attachment XV: Wild and Scenic Rivers Wild and Scenic Rivers
Act of 1968, particularly section 7(b) and (c)**



PR-CRP-000955 Puente Iluminado (puente Klumb
Ave Gandara)
NATIONAL WILD & SCENIC RIVERS
(Source: National Rivers Inventory,
Esri Imagery Basemap)

0 550 1,100 2,200 3,300 4,400 Meters
1:125,000
GBA- APR/2024
Plan. Laredo González

OVER THE GÁNDARA AVE.,
RIO PIEDRAS WARD,
SAN JUAN, P.R.
Parcel ID: EXC-TMP-146-00

Coordinates:
18.401131°, -66.050738°
Spatial Reference: NAD 1983
StatePlane Puerto Rico-
Virgin Islands FIPS 5200