



U.S. Department of Housing and Urban Development

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**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: Revitalization of Plaza Buenos Aires (PR-CRP-000772)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

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

State/Local Identifier: Puerto Rico / Arecibo

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Consultant (if applicable): AVA Environmental Consultants, Inc.

Direct Comments to: Puerto Rico Department of Housing at comentariosambiental@vivienda.pr.gov

Project Location: The project area is comprised of a plot bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico at 18.469548, -66.718328.

Cadaster number: 012-096-188-01

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

The Municipality of Arecibo proposes the restoration of Plaza Buenos Aires situated between Antonio Gonzalez Street, Mirta Silva Street, Jose Cheo Gonzalez Street and Jose A. Monrozeau Street. The plaza serves as a gathering point and an area for fitness and leisure for the residents of the neighborhood. After Hurricanes Irma and María, the plaza's infrastructure was severely damaged. It is the Municipality's goal to renovate and improve the public facility to meet current codes and standards. The 0.4699-acre project area is property of the Municipality of Arecibo. The project will not increase the footprint of the plaza or right of way of the streets (Refer to **Exhibit 13**: Project Plans).

The rehabilitation project involves a comprehensive redesign of the plaza and its surrounding green areas to create a vibrant, multifunctional gathering space that supports a variety of community activities (see **Figures 1 and 2**). Key improvements include:

- Lighting: Existing fixtures will be replaced with energy-efficient solar LED lights.
- Children's Playground: A dedicated play area with safety gates will provide a secure space for children.
- Exercise Area: Outdoor fitness equipment will be installed beneath existing trees, creating a shaded, open-air gym.
- Cultural Stage: A new reinforced concrete stage with a roof will be constructed to host cultural events and performances. It will be surrounded by benches and tables for board games such as dominoes and chess.
- Shaded Seating Area: Another area with benches and tables will be developed under tree cover for dining and relaxation.
- Central Gathering Space: The center of the plaza will feature a large open area for public gatherings and events. This space will include four vertical, pillar-like structures adorned with commemorative plaques honoring local musicians.
- Landscaping: All planters will receive a concrete finish.

Given that Plaza Buenos Aires is located in a flood-prone area, a sustainable drainage system will be integrated. A water collection system (Aquabox) will be installed in one of the central planters to help mitigate flood risks (See Sheet C-06 of Exhibit 13). Collected water will be gradually released through an overflow mechanism, reducing urban flooding potential. During Construction, the seven (7) existing trees within the public plaza will be protected, as they will remain at the Plaza. The existing Memorial Plaques will be relocated to the center of the plaza in coordination with the Municipality.

During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid sediment discharges into the storm sewer system. Controls to be installed include hay bales (or silt socks) on drainage structures, silt fence around the project limit, and implementation of a stabilized entrance, with truck washout station to avoid sediments track out into the streets.

A Maintenance of Traffic Plan (MOT) and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works. The MOT will be prepared in compliance with the PRHTA and FHWA standards and regulations.

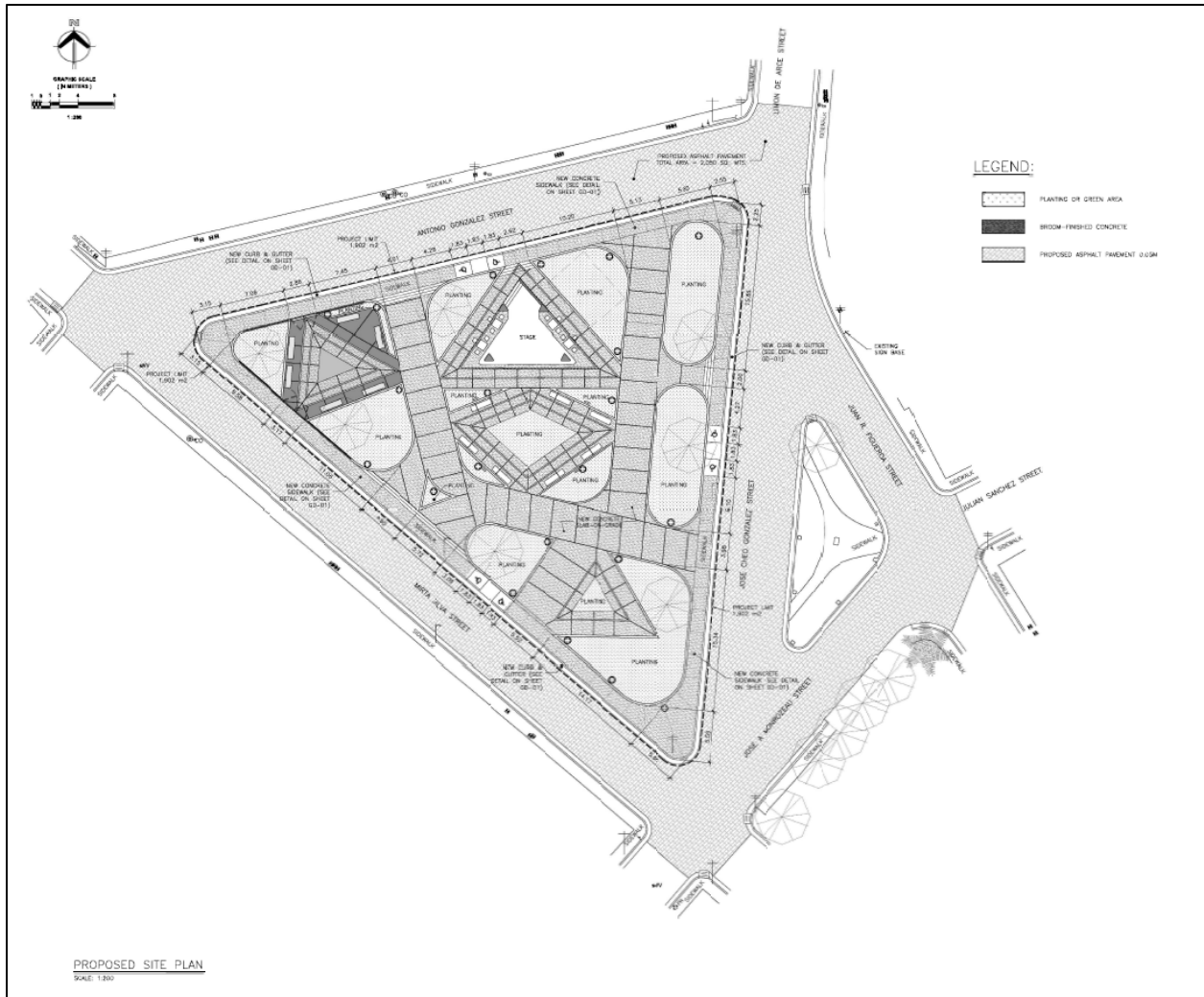


Figure 1. Proposed Site Plan (see Sheet C-03 of Exhibit 13)

The rehabilitation of Plaza Buenos Aires aims to enhance the quality of life for Arcibo residents and visitors by transforming the area into a dynamic public space. With new recreational, cultural, and social amenities, the Plaza will become a central hub for community engagement and well-being. Ground disturbance and a summary of excavation, backfill, and demolition quantities are presented in **Tables 1 and 2**.

PLAZA BUENOS AIRES, ARECIBO P.R.
CONCEPTUAL



Figure 2. Rendering of Proposed Recreational Areas

Table 1. Proposed Construction Activities and Estimated Ground Disturbance

ACTIVITY	DESCRIPTION	ESTIMATED DEPTH OF GROUND DISTURBANCE
Repair / Rehabilitation	Replacement of existing light fixtures with solar LED lights foundations	5.0 feet (1.54 meters)
	Rehabilitation of planter foundations	4.0 feet (1.2 meters)
	Installation of new seating furniture and trash bins foundations	None
	Repair of existing sidewalks, curbs and gutters foundations	1.5 feet (0.45 meters)
	Installation of reinforced concrete walkways foundations	1.83 feet (0.56 meters)
	Monuments foundations	2.00 feet (0.61 meters)
	Monuments foundations	2.00 feet (0.61 meters)
New Construction	Construction of ADA compliant ramps foundations	1.5 feet (0.45 meters)
	Installation of a storm water control system, including catch basins, grate inlets and manhole	1.2 feet to 5.5 feet (0.35 to 1.67 meters)
	Construction of stage foundations	5.00 – 6.00 feet (1.524 – 1.83 meters)
	Construction of exercise area foundations	1.5 feet (0.46 meters)
	Construction of new walls and new playground equipment foundations	4.00 feet (1.2 meters)
	Construction of Aquabox Detention Tank foundations	5.74 – 6.33 feet (1.76 – 1.93 meters)
	Installation of asphalt paving for pathways and selected areas foundations	None

Table 2. Material Quantities for Earthwork and Demolition Activities

Category	Component	Volume of Material
Excavation	Aqua Box	2,648.6 ft ³ (75 m ³)
	Planters' footings	13,243 ft ³ (375 m ³)
	Stage footings	1,589.2 ft ³ (45 m ³)
	Sedimentation manhole	176.6 ft ³ (5 m ³)
	Storm sewer pipes	565 ft ³ (16 m ³)
	TOTAL	18,222.4 ft³ / 516 m³
Backfill	Aqua Box	1,447.9 ft ³ (41 m ³)
	Planters' footings	7,274.8 ft ³ (206 m ³)
	Stage footings	1,483.2 ft ³ (42 m ³)
	Storm sewer pipes	317.8 ft ³ (9 m ³)
	TOTAL	10,523.8 ft³ / 298 m³
Demolition	Reinforced concrete low walls	2,443.4 ft ² (227 m ²), 0.49 ft (0.15 m) wide
	Reinforced concrete benches	150.7 ft ² (14 m ²), 0.33 ft (0.1 m) thick
	Slab-on-grade	6,673.6 ft ² (620 m ²), 0.33 ft (0.1 m) thick
	Curb and gutter	936.5 ft ² (87 m ²), 1.48 ft (0.45 m) wide
	Sidewalks	3,121.5 ft ² (290 m ²), 0.33 ft (0.1 m) thick
	TOTAL	5,862.2 ft³ / 166 m³

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 Development Block Grant – Disaster Recovery (CDBG-DR)	\$11,938,162,230

Estimated Total HUD Funded Amount: \$1,529,459.40

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$1,529,459.40

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

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or	Compliance determinations
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	mitigation required?	
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"/>	<p>A review using the Google Maps® software shows the closest civilian airport to the Project site is the Rafael Hernández Airport (BQN), approximately 27.15 mi (143,352 ft) west of the project site. The closest military airport to the project site is the Luis Munoz Marin International (SJU) Airport, approximately 47.08 miles (248,582.4 feet) east of the project site.</p> <p>The project is not located within 15,000 feet of a military airport, or 2,500 feet of a civilian airport. Therefore, the proposed project is not in an Accident Potential Zone (APZ) or a Runway Protection Zone/ Clear Zone (RPZ/CZ). As such, the project complies with Airport Hazards requirements, 24 CFR Part 51 Subpart D and no formal compliance steps or mitigation are required.</p> <p>Refer to Exhibit 1: Airports Hazards</p>
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"/>	<p>The Project site is not located in, or adjacent to, a CBRS Unit. The nearest unit is CBRS Unit PR-81 located approximately 0.8 miles to the east of the project site. No CBRA zones will be affected by the proposed project, thus the proposed project complies with the Coastal Barrier Resources Act. No formal compliance steps or mitigation are required.</p> <p>Refer to Exhibit 2: CBRS</p>
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"/>	<p>The entire site is in an AE flood zone (100-year floodplain), per Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) panel 72000C0230J (11/18/2009). No depths or base flood elevations are shown.</p> <p>Since the proposed project is an open-air-recreational area, and there are no structures intended for permanent human occupation, flood insurance is not required. No formal compliance steps or mitigation are required, and the project complies with Flood Insurance regulations.</p> <p>Refer to Exhibit 3a: FEMA FIRMette</p>
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>According to the EPA List of Current Nonattainment Counties for all Criteria Pollutants, Arecibo is in a National Attaining Air Quality Standards (NAAQS) nonattainment area for Lead (2008 standard). The municipality is in attainment for all other pollutants.</p>

		<p>Emissions associated with the proposed project are estimated to be well below the threshold when compared to the federal General Conformity Rule de minimis thresholds for Lead (25 ton/yr). Typically, construction activities such as cleaning, grubbing, earth movement and the demolition of structures produce particulates and conditions in which soil could be exposed to wind erosion and airborne particulates. During construction the proposed action could generate emissions (particulate material, hydrocarbons, nitrogen oxide, sulfur dioxide, among others) in addition to those produced during the operation of the existing roads of the area. For the most part, those emissions would be produced by the operation of the heavy equipment and machinery used during the construction process. As a best management practice (BMP) and to comply with environmental permit regulations, the contractor must implement dust control measures during construction to prevent dust from becoming a nuisance to nearby areas.</p> <p>There are no associated air emissions from the project after construction is completed. Potential air quality impacts are primarily short-term and construction related. This temporary effect is not significant and would not have an adverse impact on the residential, institutional, and commercial properties located near the project area. Due to the scope of the project, no additional emission sources that can affect the nonattainment parameters will be installed that would create operational emissions. Therefore, the Project follows Clean Air requirements. The proposed action complies with the Clean Air Act and 40 CFR Parts 6, 51 and 93.</p> <p>Refer to Exhibit 4a: Air Quality and Exhibit 4b: EPA Greenbook</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The project site is located within the Puerto Rico Coastal Zone delineation. Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program (PRCZMP) was requested from the Puerto Rico Planning Board (PRPB). The PRPB issued a letter dated August 27, 2024 with subject “Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program (PRCZMP), CZ-2024-0220-120, PR-CRP-00072, Federal Assistance with CDBG funds from the City Revitalization (CRP) Program, Repair and remodeling of Plaza Buenos Aires, Arecibo, Puerto Rico”</p>

		<p>This letter outlines specific conditions required for federal consistency certification under the PRCZMP. These conditions are:</p> <ol style="list-style-type: none"> 1. Evidence compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by the PR Permit Management Office (OGPe). 2. Evidence compliance with the Special Flood Hazard Zone Regulations (Planning Regulation Number 13) when it is required depending on the nature and location of the project. 3. In the case of projects that are located within Historic Zones designated by the PR Planning Board, the project must have the endorsement of the Puerto Rican Culture Institute. <p>The letter states that, “Considering this the project at reference is consistent with the PRCZMP with the condition that the applicant complies with the above-mentioned requirements as established in Resolution JP-2024-004.” The agency requires this information be submitted ninety (90) days before the construction phase of the project. Thus, the project is in compliance with the Coastal Zone Management Act sections 307(c) & (d), pending submittal of the information described which will be included as a compliance measure.</p> <p>Refer to Exhibit 5a: Coastal Zone Land Boundary and Exhibit 5b: Federal Consistency Certification</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>The NEPAassist database was reviewed to identify EPA Facilities within 3,000 ft of the Site. There were 17 sites total, many of which are co-located:</p> <ul style="list-style-type: none"> • Four (4) Water Dischargers Sites (NPDES) • Thirteen (13) Hazardous Waste Sites (RCRA) • One (1) Air Emission Site <p>None of these facilities have documented violations, open corrective actions, or evidence of contaminant releases that would impact surface soils or groundwater at the Site. The proposed project consists of renovating an existing municipal plaza without expanding its footprint, and none of the sites are within or directly adjacent to the Site. Given the project’s limited scope, the nature and distance of nearby EPA-listed sites, and the absence of contamination issues at the project location, no adverse environmental or public health impacts related to nearby hazardous sites are anticipated.</p> <p>A review of underground storage tank (UST) data within the vicinity of the Site identified a total of seven UST</p>

sites based on two separate data sources. Four UST sites were identified within 3,000 ft of the Site from the Puerto Rico Planning Board (PRRB) database, as shown in Exhibit 6b (SHELL #000418/860905, TOTAL #115699/861182, TEXACO #500/861617, and NUÑEZ Service Station/861628).

Another database search conducted through the Environmental Data Resources (EDR) system identified four UST sites located within 0.25 miles (1,320 ft radius) of the project site: NUÑEZ Service Station (Id: 2-861628), Supermercado El Faro (Id: 2-940105), RICO Gas Inc. (2-860154), and S/S #295 (Id: 2-890184). Notably, the NUÑEZ Service Station (Id: 2-861628) is the only facility that appears in both datasets and is identified in the EDR report as “currently in use”.

The EDR also reports 3 sites within 0.125 miles (660 ft) from the project site identified as EDR Hist Auto, which are sites that may or may not have had UST in the past.

Additionally, the EDR search identified one Leaking Underground Storage Tank (LUST) site, identified as the Hospital Regional de Arecibo (Id: 88-0110), located within 0.5 miles (2,640 ft) from the project site, which is not included in the other data. Further research shows that the UST Id is included in the Inactive Sites LUST List dated 2020 and issued by the Puerto Rico DNER. See Exhibit 6c.

The database differs across various sources, likely due to variations in reporting, database update frequency, or geographic coordinate matching. None of these sites are within or directly adjacent to the proposed project site. Of all the UST sites, the EDR reports that only the site Hospital Regional de Arecibo is at higher elevation from the proposed property. However, due to its location relative to the proposed project site, the proposed use of the site, and the fact that it is included in the Inactive LUST List, it is unlikely that this, or any other of the UST sites, represents a significant concern for the proposed project’s development or affect the intended use of the site. Exhibits 6a, 6b, and 6c include detailed information regarding facilities identified.

An asbestos and lead-based paint inspection was conducted on July 21, 2023 by Global Environmental Services LLC. The asbestos inspection, performed by a DNER-certified inspector following EPA and ASTM E2356-14 standards, found no suspect materials. As a result, the site was certified asbestos-free. The lead-based paint inspection, conducted using an XRF analyzer per HUD and DNER regulations, identified

		<p>several components with lead concentrations exceeding the regulatory threshold of 1.0 mg/cm². Positive areas included approximately 720 linear feet of yellow and blue concrete curbs, 2,490 square feet of concrete barriers, a 38-square-foot blue concrete handicap ramp, and 93 linear feet of metal light posts and associated concrete bases, as shown in greater detail in Exhibit 6d. To ensure compliance and protect human health, any demolition, renovation, or disturbance of lead-positive materials must be carried out by a contractor certified by the Puerto Rico Department of Natural and Environmental Resources in lead-based paint abatement.</p> <p>Additionally, a query was sent to the DNER's Land Contamination Area regarding whether, within a 0.5-mile radius of the reference site, there exists or has existed a landfill or Sanitary Landfill System (SRS) for solid waste management. It was confirmed via email on September 11, 2023 that none were identified (Exhibit 6c).</p> <p>Since the project does not involve buildings with enclosed areas, it is exempted from having to consider radon in the contamination analysis (refer to Notice CPD-23-103 issued January 11, 2024). As described, the project complies with Contamination and Toxic Substances requirements.</p> <p>Refer to Exhibit 6a: EPA Facilities Map, Table, and Facility Reports Exhibit 6b: UST Map and Table Exhibit 6c: EDR Report and Inactive Sites LUST List Exhibit 6d: Asbestos and Lead Survey</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>A USFWS Self-Certification was addressed to the US Fish and Wildlife Service (USFWS) stating that the project was in compliance and is not likely to adversely affect federally-listed species on July 11, 2024. The project conforms to Project Criteria No.1 <i>Street resurfacing</i>; No. 2: <i>Construction of gutters and sidewalks along existing roads</i>; and No. 8: <i>Improvements to existing recreational facilities, including the installation of roof to existing basketball courts, provided that the lighting associated to the facility are not visible directly or indirectly from the beach</i>. The USFWS concurred on July 17, 2024.</p> <p>The proposed project is located in a densely populated, urban landscape. The site is not identified as a critical habitat by the US Fish and Wildlife Services (USFWS), with the nearest critical habitat being 8.23 miles to the south. The IPaC Report indicated that two species, the Puerto Rican Boa and the West Indian Manatee could</p>

		<p>be present at the Site. The project is not located in an area where the West Indian Manatee could be found, since it is not adjacent to a water body.</p> <p>If a Puerto Rican Boa is found in the project action site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the CM shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.</p> <p>Therefore, the project is in compliance with the Endangered Species Act of 1973, particularly section 7; 50 C.F.R. Part 402.</p> <p>Refer to Exhibit 7a: Critical Habitat Map and 7b: USFWS Package</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project does not include a facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage facilities. Planned activities in the project area do not include installation of storage tanks. The project would not introduce new residents and would not involve an increase in employees or clients. As such, it does not pose a risk of injury in the event of a fire or an explosion to nearby residences or other areas where people may congregate or be present. Examination of aerial views and street views show no above ground storage tanks within the acceptable separation distance. Therefore, the proposed action is in compliance with 24 CFR Part 51 Subpart C. No formal compliance steps or mitigation are required.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the Natural Resources Conservation Service National Cooperative Soil Survey Map, the area of the project does not contain any farmland. The proposed project is in a developed area previously disturbed due to the recreational facilities. None of the lands located within the project limits are currently used as farmlands. The project does not include any activities, including new construction, acquisition of undeveloped land or conversion, which could convert agricultural land to a non-agricultural use.</p> <p>Therefore, the project is in compliance with the Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 C.F.R. Part 658.</p> <p>Refer to Exhibit 8: Farmlands</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>According to the FIRM map, the proposed action is located within the FEMA Special Flood Hazard Areas of panel 72000C0230J (effective 11/18/2009) in Zone AE. According to the ABFE map (Panel 72000C0230J, effective date 4/18/2018), the project is located within Zone A, the 1% Annual</p>

		<p>Chance Flood zone. Both ABFE Zone A and FIRM Zone AE pertain to the 1% annual chance flood risk, commonly known as the 100-year floodplain. PFIRM maps are not available for this region of PR, so ABFE and FIRM maps were used.</p> <p>The proposed project involves upgrades to an urban plaza in Arecibo designed to maintain natural floodplain functions, including groundwater recharge, floodwater flow, and native habitat preservation. Key features include permeable pavement, stormwater retention systems, and landscaping with climate-resilient native plants. These elements aim to minimize water resource impacts by promoting percolation and reducing erosion.</p> <p>The project will not raise base flood elevations or restrict floodwater movement, as it does not involve constructing enclosed structures and will remain at existing ground level. Recreational use of the area will continue and be enhanced with improved amenities.</p> <p>The design complies with Puerto Rico Planning Board Regulation 13 (Zone A) by incorporating flood-resilient drainage systems and engineering practices. As the project does not include residential development, it poses no threat to human life in the event of a flood. Overall, the project balances floodplain preservation with community and recreational benefits.</p> <p>Due to the scope of the project and the proposed works no impact on the existing flood levels is expected. The 8-Step Process was performed and completed for the project on April 4, 2024. The Early Notice (Step 2) was published on November 14, 2023 and the Final Notice (Step 7) was published on March 15, 2024. No comments were received.</p> <p>Mitigation measures for the proposed project focus on minimizing impacts to water resources and preserving floodplain values. During construction, erosion and sedimentation controls will be implemented to reduce runoff, and exposed soils will be avoided during the operational phase. To promote infiltration and limit erosion, the project incorporates elements such as permeable pavement and green areas designed for water percolation. Landscaping will prioritize the use of native, climate-resilient vegetation to further stabilize soils and reduce erosion. Existing infrastructure, such as roads and sidewalks, will be renovated rather than replaced, limiting the creation of new impermeable surfaces. Additionally, a stormwater retention system with a controlled release will be installed beneath planting areas in the low points of the plaza, enhancing</p>
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		<p>the site’s ability to manage runoff while preserving its natural topography.</p> <p>Therefore, the Project is in compliance with Executive Order 11988, particularly section 2(a).</p> <p>Refer to Exhibit 3a FIRM Map, Exhibit 3b ABFE Map, and Exhibit 3c 8-Step Package.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Project activities include demolition of structures and ground disturbance. The proposed project will occur within the existing footprint of Plaza Buenos Aires, an area previously developed and disturbed. Section 106 consultation was performed and submitted to the State Historic Preservation Officer (SHPO) on March 26, 2025. SHPO issued their concurrence with a determination of “no adverse effect” on historic properties, conditioned on archaeological monitoring during all ground-disturbing activities, as per communication dated April 23, 2025. The archaeological monitoring plan was submitted on May 29, 2025, and approved by SHPO on June 20, 2025. No further mitigation activities are required. Thus, the project is in compliance with the National Historic Preservation Act, particularly sections 106 and 110.</p> <p>Refer to Exhibit 9: 106 NHPA Effect Determination</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project involves rehabilitation of existing nonresidential buildings for non-residential use. An evaluation of noise abatement and control is not required. The Project is in compliance with Noise Abatement and Control requirements. Also, the project does not involve a research demonstration project that may result in new construction or reconstruction, new roadways, or any immediate disaster assistance provisions or appropriations, or assistance to restore facilities to conditions prior to the disaster. The project will not involve occupation of the areas that may be affected by noise, nor is it developing a noise sensitive use.</p> <p>The project area is located near residential developments; however, the project will be developed within the existing footprint of the park. No increase in vehicular transit is expected. A temporary and intermittent noise impact may be caused by the construction activities, but the activities will be limited to a daytime schedule to minimize this effect on nearby residential areas. The project is focused on enhancing recreational infrastructure and does not include the development of residential or sensitive facilities such as schools or hospitals. The project is</p>

		therefore in compliance with the Noise Control Act of 1972 and 24 CFR Part 51 Subpart B.
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The closest sole source aquifer is in Florida, 1,027 miles to the west of the project. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. Therefore, the project is in compliance with the Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 C.F.R. Part 149.</p> <p>Refer to Exhibit 10: Sole Source Aquifers Map</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the USFWS National Wetland Inventory (NWI) map, the project site is not located within or adjacent to any riparian areas or wetlands. The closest mapped wetland, a Riverine (R5UBFx), is located 0.04 miles to the north of the Site, however this wetland is canalized and not a true wetland. Therefore, the closest wetland, and estuarine (E1AB4L) is located 0.12 miles (633 ft) to the southeast of the Site. No significant impact on USACE jurisdictional areas including wetlands will be affected by the proposed project. The proposed project will not impact wetlands.</p> <p>The proposed project is in compliance with the Executive Order 11990 particularly sections 2 and 5.</p> <p>Refer to Exhibit 3c: 8-Step Package and Exhibit 11: Wetlands Map</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Puerto Rico has only three Wild and Scenic Rivers, located in east Puerto Rico. The proposed Project is located on the north coast of Puerto Rico, approximately 62 miles northwest of said rivers. No Wild and Scenic River is located within one mile from the project area. The proposed action is therefore not in proximity to a wild, scenic, or recreational river and is in compliance with Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c). No formal compliance or mitigation steps are required.</p> <p>Refer to Exhibit 12: Wild and Scenic Rivers</p>
ENVIRONMENTAL JUSTICE		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>On January 21, 2025, President Donald Trump issued the Executive Order 14173 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.</p>

Field Inspection by: *AVA Environmental Consultants, Inc. personnel* Date: Sept 20, 2023

The project area, located within Arecibo's Traditional Urban Center (TUC), encompasses approximately 0.47 acres bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R. Figueroa Streets. The inspection confirmed that the proposed work involves both substantial repair and new construction, including the rehabilitation of plaza infrastructure, installation of stormwater management systems, and redesign of green spaces. Visual observations and aerial imagery analysis indicate prior development occurred in phases from 1931 to 1972, with much of the plaza now paved or landscaped. Despite this, the soil disturbance from past development appears limited, with an estimated maximum depth of 24 inches.

See site photos below:



Photo 1. View of Central Plaza Area with Tree Canopy

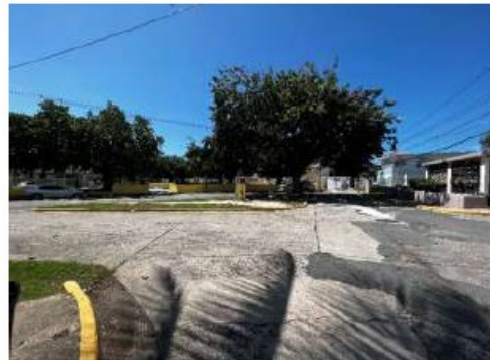


Photo 2. View of Plaza Entrance and Perimeter Sidewalk



Photo 3. View Along Perimeter Showing Sidewalk and Planters



Photo 4. Detail of Raised Concrete Planter and Tree

Summary of Findings and Conclusions:

The proposed Revitalization of Plaza Buenos Aires in Arecibo, Puerto Rico complies with all applicable statutes, Executive Orders, and regulations under 24 CFR §§58.5 and 58.6. The project will not impact airport hazard zones, coastal barriers, wetlands, wild and scenic rivers, endangered species, or sole source aquifers. It does not involve the construction of new residential or noise-sensitive structures.

The project is located in a floodplain. However, the design maintains natural floodplain functions through permeable pavement, green space restoration, and improved stormwater retention. The 8-Step Process was completed with no public comments received. Coastal Zone Federal Consistency Certification has been issued, but requires submission of documentation (e.g., OGPe environmental determination, flood hazard compliance, cultural endorsement) at least 90 days before construction. While the project is in a nonattainment area for lead, temporary emissions during construction are well below regulatory thresholds. Dust control BMPs are required. Nearby hazardous sites are not expected to pose a risk. Lead-based paint was identified and must be handled per local regulations. No asbestos was found.

Section 106 consultation was completed, with SHPO concurrence issued on April 23, 2025, determining a finding of “no adverse effect” conditioned on archaeological monitoring during ground-disturbing activities. SHPO approved the Archaeological Monitoring Plan on June 20, 2025.

The proposed project is not expected to negatively impact the area, as it is being undertaken in a previously developed area and identified impacts can be mitigated. With these measures addressed, the project is expected to move forward with no significant adverse environmental impacts.

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

Summarize below all mitigation measures 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
Clean Air	The contractor must implement dust control measures during construction to prevent dust from becoming a nuisance to nearby areas.
Coastal Zone	Requirements must be submitted to the PRPB ninety (90) days before the construction phase of the project
Endangered Species	If a Puerto Rican Boa is found in the project action site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the CM shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.
Floodplain Management	During construction, erosion and sedimentation controls will be implemented to reduce runoff, and exposed soils will be avoided during the operational phase. To promote infiltration and limit erosion, the project incorporates elements such as permeable pavement and green areas designed for water percolation. Landscaping will prioritize

	the use of native, climate-resilient vegetation to further stabilize soils and reduce erosion. Existing infrastructure, such as roads and sidewalks, will be renovated rather than replaced, limiting the creation of new impermeable surfaces. Additionally, a stormwater retention system with a controlled release will be installed beneath planting areas in the low points of the plaza, enhancing the site's ability to manage runoff while preserving its natural topography.
Contamination and Toxic Substances	Any demolition, renovation, or disturbance of identified lead-positive materials must be carried out by a contractor certified by the Puerto Rico Department of Natural and Environmental Resources in lead-based paint abatement.
Historic Preservation	Section 106 consultation was completed, with SHPO concurrence issued on April 23, 2025, determining a finding of "no adverse effect" conditioned on archaeological monitoring during ground-disturbing activities. SHPO approved the Archaeological Monitoring Plan on June 20, 2025.

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:  Date: 7/09/2025

Name/Title/Organization: Annette M. Fernandez, PE, AVA Environmental Consultants, Inc.

Responsible Entity Agency Official

Signature: _____ Date: _____

Name/Title: Santa D. Ramírez Lebrón / 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).

List of Exhibits:

Exhibit 1: Airport Hazards

Exhibit 2: CBRS

Exhibit 3a: FEMA FIRMette

Exhibit 3b: ABFE Map

Exhibit 3c: 8-Step Process

Exhibit 4a: Air Quality

Exhibit 4b: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants in PR

Exhibit 5a: Coastal Zone Management

Exhibit 5b: Coastal Zone Consistency Certification Letter

Exhibit 6a: EPA Facilities Map, Table, and Facility Reports

Exhibit 6b: UST Map and Table

Exhibit 6c: EDR Report and Inactive Sites LUST List

Exhibit 6d: Asbestos and Lead Survey

Exhibit 7a: Critical Habitat Map

Exhibit 7b: USWFS Documentation

Exhibit 8: Farmlands Classification

Exhibit 9: 106 NHPA Effect Determination

Exhibit 10: Sole Source Aquifers

Exhibit 11: Wetlands Protection

Exhibit 12: Wild and Scenic Rivers

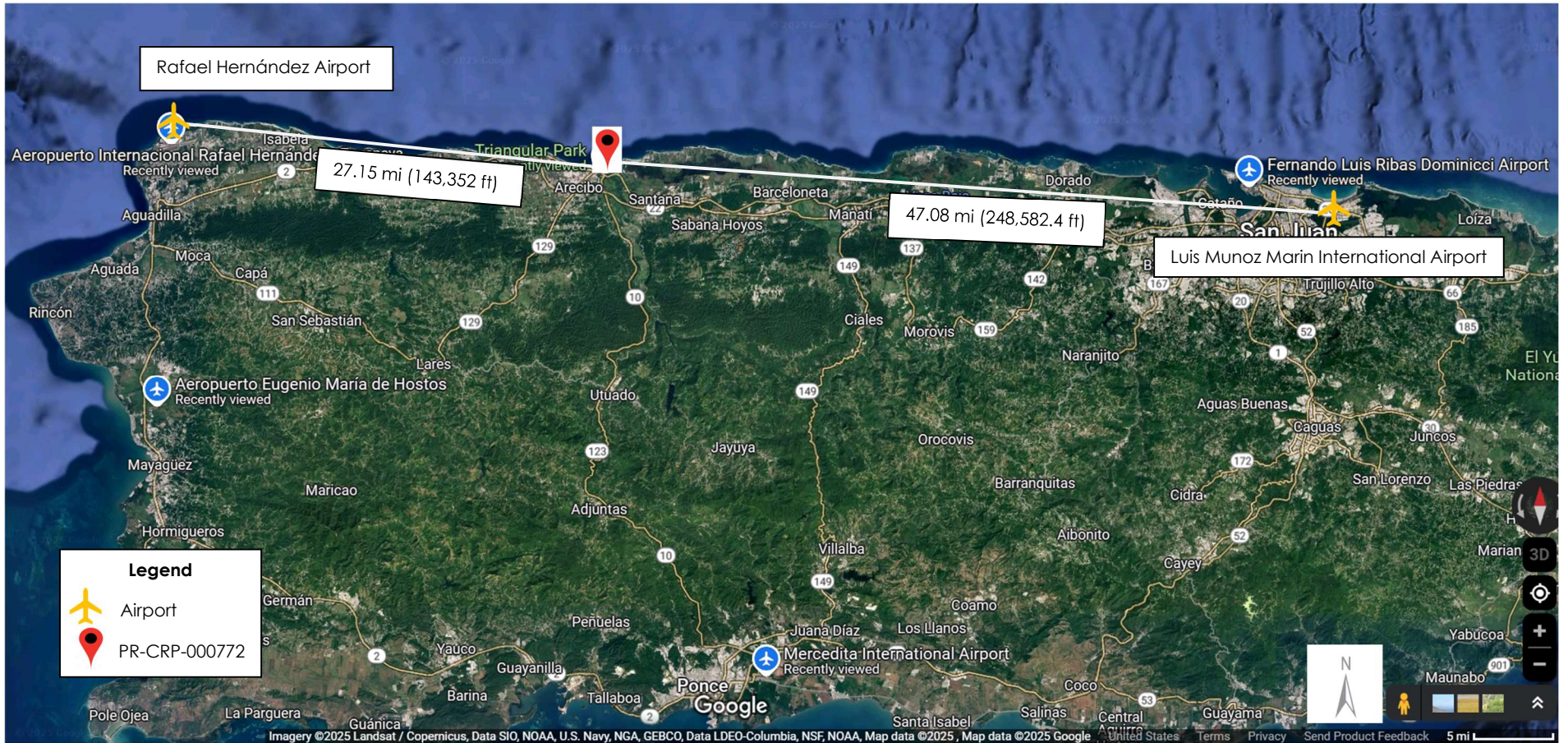
Exhibit 13: Project Plans

Exhibit 1. Airport Hazards Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



Source: Google Earth (Spatial Reference: WGS84) at URL <https://earth.google.com/>


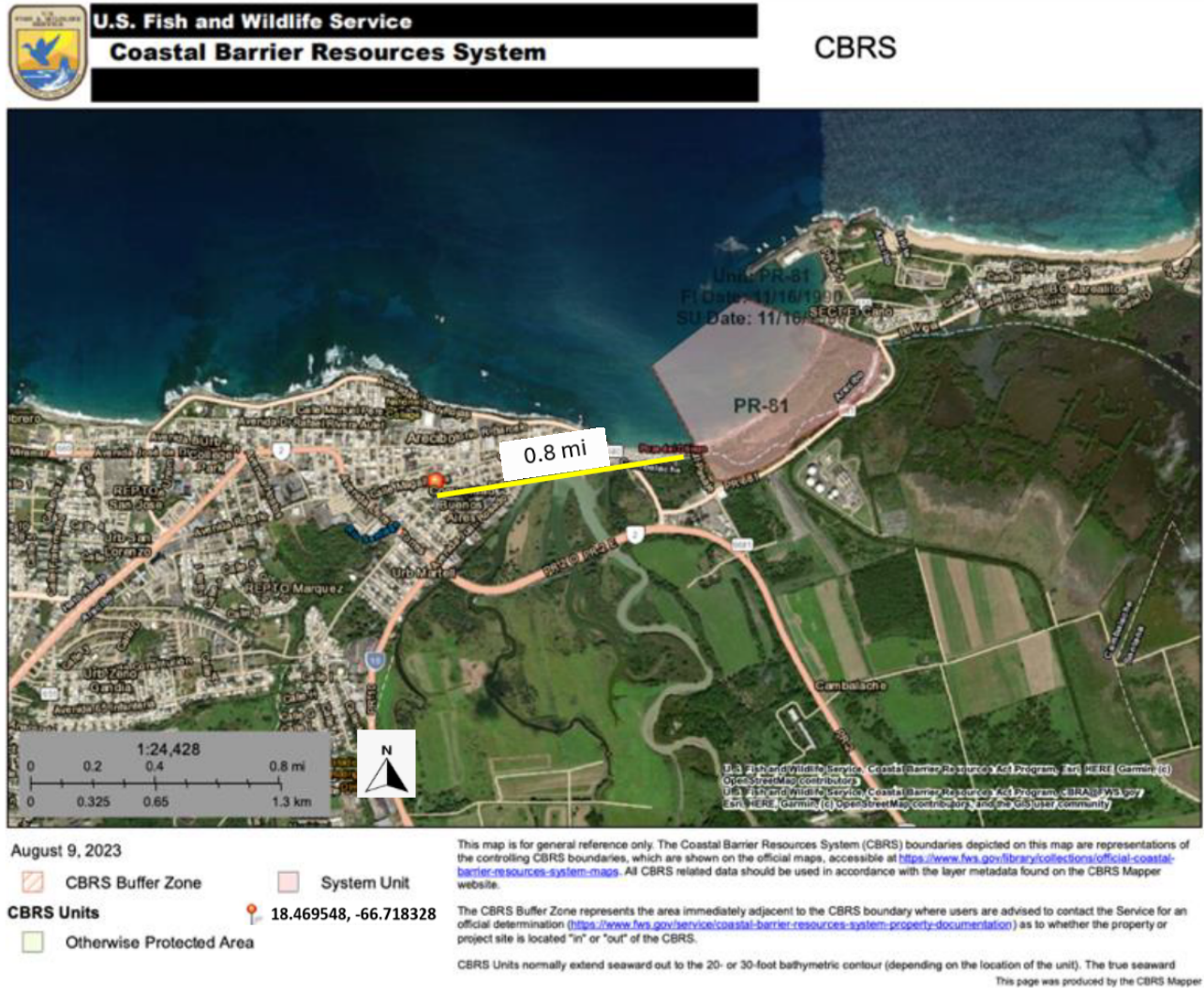
Prepared by  ICF

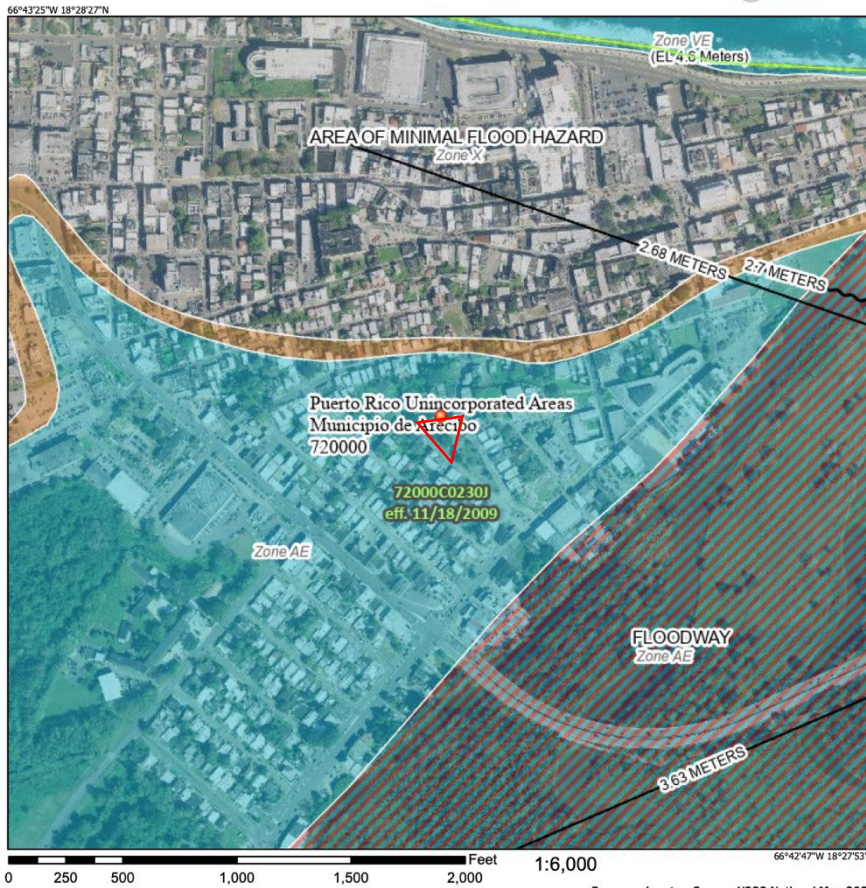
Exhibit 2: Coastal Barrier Resources System (CBRS)



Revitalization of Plaza Buenos Aires
 PR-CRP-000772
 Bordered by Mirta Silva, Antonio González, José (Cheo)
 González, & Juan R Figueroa Streets, Pueblo Ward, Arecibo, PR
 18.469548, -66.718328

Exhibit 3a: FEMA Firmette

National Flood Hazard Layer FIRMette



Legend

- SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, AH, AR
 - With BFE or Depth Zone AE, AD, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes, Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped

18.469548, -66.718328

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 8/9/2023 at 5:13 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.

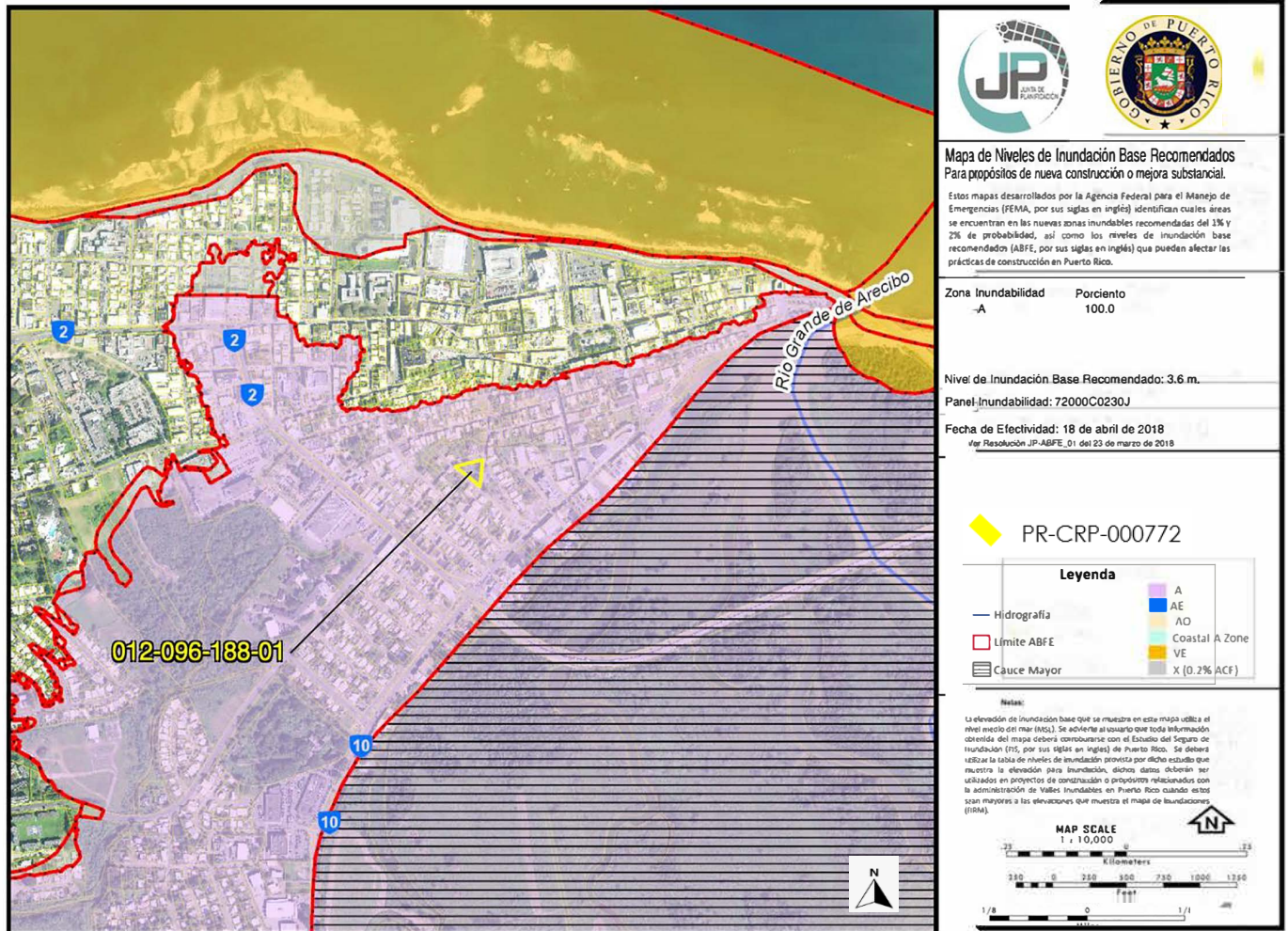
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

- PR-CRP-000772
- Staging area

Source: FEMA FIRMette (Spatial Reference: NAVD88) at URL <https://msc.fema.gov/portal/search>

Revitalization of Plaza Buenos Aires
 PR-CRP-000772
 Bordered by Mirta Silva, Antonio González, José (Cheo)
 González, & Juan R Figueroa Streets, Pueblo Ward,
 Arecibo, PR
 18.469548, -66.718328

Exhibit 3b: ABFE Map



Source: <https://sige.pr.gov/portal/apps/webappviewer/index.html?id=53ed4b9fa37840a88bb44d2a911512fc>

Spatial Reference: NAVD88

Company: AVA Environmental Consultants, Inc.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

8-STEP PROCESS DOCUMENTATION

Project number:	PR-CRP-000772
Project name:	Revitalization of the Buenos Aires Plaza
Municipality:	Arecibo
Date:	April 4, 2024
Decision Process for E.O. 11988 as Provided by 24 CFR §55.20	

Project description

The municipality of Arecibo intends to make enhancements to a public space to improve conditions for outdoor recreation. Residents of the area, who have mostly low-to-moderate income (LMI), will have free access to the open-air space. The actions also aim at improving the resiliency and connectivity of public infrastructure, promote pedestrian safety, improve accessibility to handicapped persons and enhance open-air spaces for recreation and leisure.

Revitalization of Buenos Aires Plaza (PR-CRP-000772)

The proposed project is part of the municipal projects included in the CDBG-CRP. The project consists of the revitalization of the Buenos Aires Plaza located at the intersection of the streets Antonio Gonzalez, Mirta Silva, Jose “Cheo” Gonzalez, and Juan R. Figueroa in the Municipality of Arecibo (18.469560, -66.718327). The estimated cost of the project is \$1,500,000.00. The proposed action is a CDBG-CRP funded project; allocated by HUD to PRDOH as the grantee of the funds and the municipality of Arecibo as the subrecipient of the funds.

The project is proposed as part of the efforts to revitalize the urban center of the Municipality of Arecibo, improve its surroundings, and make it more attractive. It will provide a safe and aesthetically pleasing plaza to provide connection between neighbors and attract residents to the area. The project will provide safe walking access to existing businesses, connecting the Arecibo traditional urban area with the grounds. The project will also provide a recreational area for residents to exercise and for children to play and enjoy the outdoors.

The project aims to repair sidewalks and streets; install eco-friendly lighting, benches, and trash cans; restore green areas and provide new plantings; and recreate a children’s playground in the separate and smaller green lot of the plaza. Additionally, 50 new parking spaces would be created around the Buenos Aires Plaza.

The entirety of the Buenos Aires Plaza (approximately 4,045 square meters) is located in Flood Zone A, as identified by the Advisory Base Flood Elevation map. The proposed project will not impact wetlands.

PLAZA BUENOS AIRES, ARECIBO P.R.
CONCEPTUAL

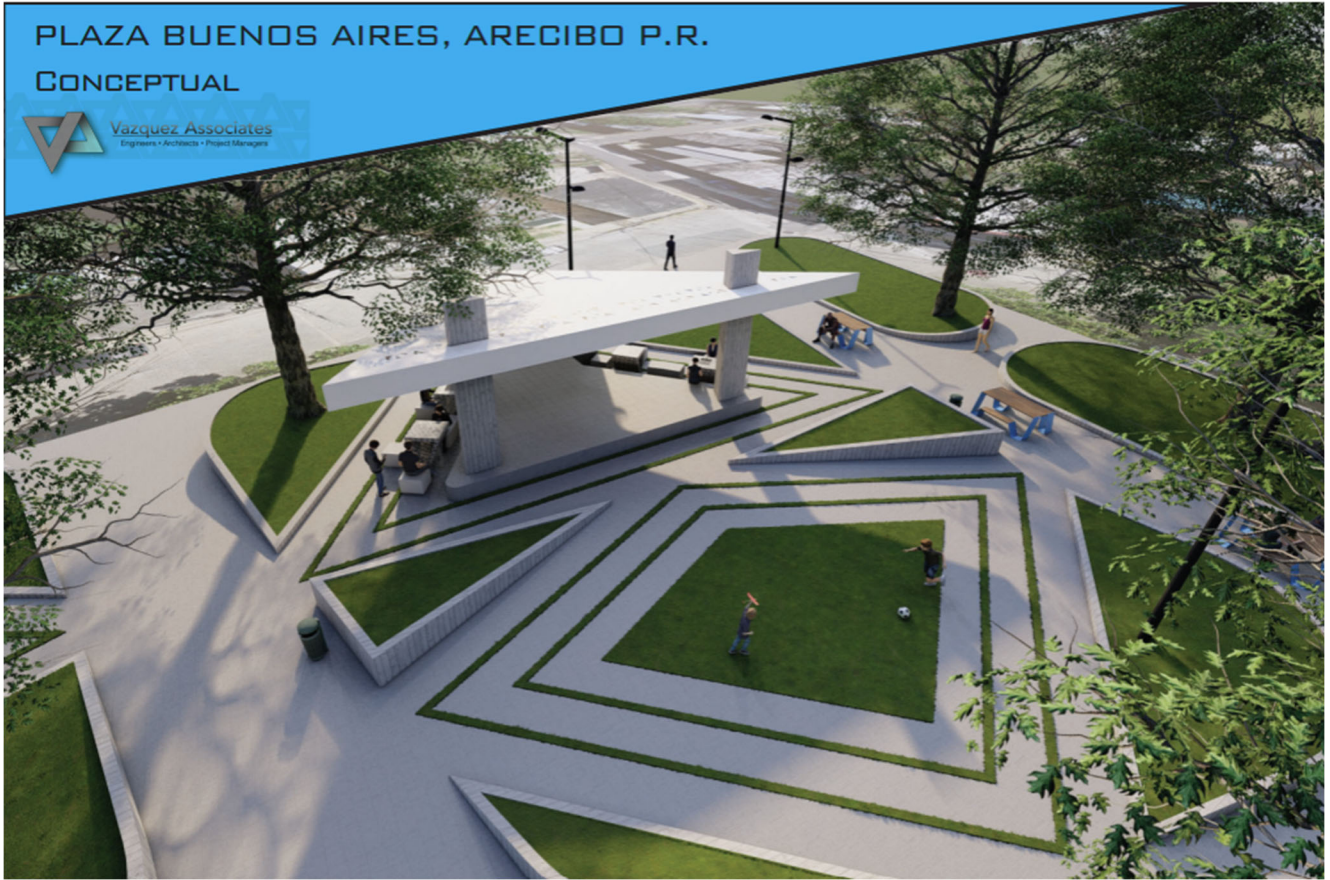


Figure 2- Rendering of proposed recreational areas.

Attachments List

- Attachment 1 – Initial notice publication (Step 2)
- Attachment 2 – Final notice publication (Step 7)

Step 1: Determine whether the action is located in a 100-year floodplain (or a 500-year floodplain for critical actions) or wetland.

Both the Flood Insurance Rate Map (FIRM) and the Advisory Base Flood Elevations (ABFE) maps were revised to assess project location within floodplains.

According to the FIRM map (data obtained from <https://msc.fema.gov/portal/home>), the proposed action is located within the FEMA Special Flood Hazard Areas of panel 72000C0230J (effective 11/18/2009) in Zone AE (see Figure 8).

According to the ABFE map (see Figure 9), the project is located within Zone A, the 1% Annual Chance Flood zone.

Flood Insurance Rate Map (FIRM)

PR-CRP-000772 – Revitalization of Buenos Aires Plaza, Arecibo

Coord: 18.469560, -66.718327

C. Antonio Gonzalez, C. Mirta Silva, C. Jose "Cheo" Gonzalez, and C. Juan R. Figueroa, Arecibo, Puerto Rico

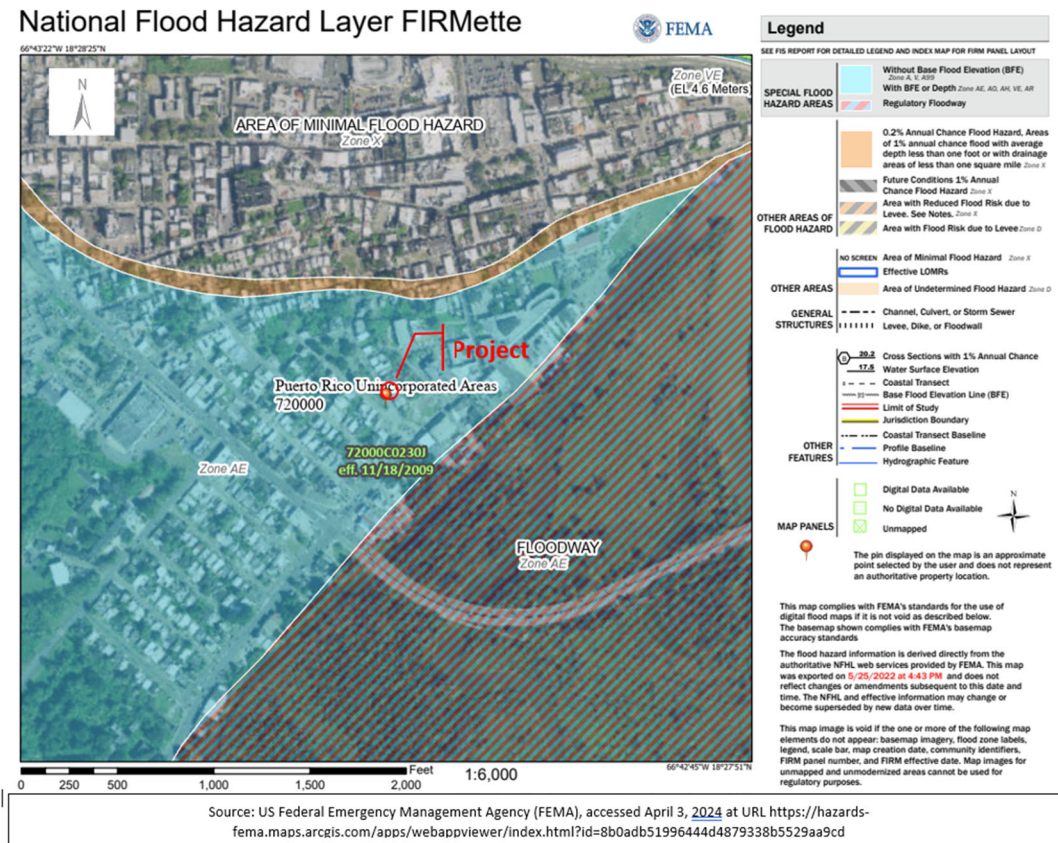


Figure 3. General layout of areas where the project will be located within the National Flood Hazard Area (FIRM Map)

Wetland Map

PR-CRP-000772 – Revitalization of Buenos Aires Plaza, Arecibo

Coord: 18.469560, -66.718327

C. Antonio Gonzalez, C. Mirta Silva, C. Jose “Cheo” Gonzalez, and C. Juan R. Figueroa, Arecibo, Puerto Rico



April 4, 2024

Wetlands

	Freshwater Emergent Wetland		Lake
	Freshwater Forested/Shrub Wetland		Other
	Estuarine and Marine Wetland		Riverine
	Freshwater Pond		

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.

Source: US Fish and Wildlife Service (USFWS), accessed April 4, 2024 at URL <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

Prepared by 

Figure 5- Wetland map

Step 2: *Notify the public for early review of the proposal and involve the affected and interested public in the decision-making process.*

A public notice was published in the *Primera Hora* newspaper on November 14, 2023. This newspaper has circulation throughout the entire island of Puerto Rico. The ad was directed at interested agencies, groups and individuals and was published in Spanish and English. The notice also included the name, proposed location, a brief description of the activity, and the responsible entity's contact information, which in this instance is Puerto Rico Department of Housing. The notice also included the location at which a full description of the proposed action could be viewed. A copy of the published notification is attached to this document (see attachment 1).

The required 15 calendar days were allowed for public comment, thus the comment period ended on November 29, 2023. An additional day was reserved to allow comments to come through in the event they were sent via regular mail. At the end of the waiting period, no comments were received.

Step 3: *Identify and evaluate practicable alternatives.*

The Municipality of Arecibo evaluated important criteria for the development of this project:

- (a) located in a centralized area of the municipality (this is part of the requirements for the City Revitalization Program as per <https://cdbg-dr.pr.gov/en/city-revitalization/>)
- (b) be accessible to LMI residents

In the evaluation of alternatives, the following were considered:

- A. Locations outside and not affecting the 100-year floodplain (or the 500-year floodplain for a Critical Action) or wetland;

Locating outside the floodplain/wetland will imply that the proposed project area, which is currently in use by local for recreation purposes, will not be upgraded and provided with improvements that will revitalize the plaza, create a recreational area for local residents, and provide safe walking access to existing businesses. Also, locating outside the floodplain/wetland may imply limited access to LMI citizens that live in the neighborhoods near the project location.

- B. Locate the Project Within the Floodplain and Wetland

The activities aim to improve existing facilities located within the municipality of Arecibo. This is an area already in use for citizens seeking the outdoors for leisure, recreation, and exercise. The rehabilitation and upgrade of areas leading to or near the Arecibo township helps to maintain accessibility to areas of services provided throughout the urban center.

- C. No Action or Alternative Actions that Serve the Same Purpose

A no action alternative was considered and rejected because the municipality wanted to provide meaningful improvements to the plaza and enhance the area for the enjoyment of its citizens.

Practicability of alternative sites:

There is little practicability in selecting an alternate site because the land use in the area is near the urban area which attracts its users. The selected area has adequate natural values for the development of the project, this includes relatively flat terrain, limited natural components and natural hazards. The topography of the area will be maintained.

Due to the nature of the project and there are no feasible technological alternatives.

Step 4: Identify Potential Direct and Indirect Impacts Associated with Floodplain/Wetland Development.

The proposed project will consist of improvements to an urban plaza, where the flood water is allowed to flow uninterrupted and percolate to the ground in unpaved areas.

The Municipality of Arecibo considered the natural and beneficial values of the floodplain. The natural resources of the floodplain include floodwater discharge, groundwater recharge, and native flora and fauna. Green areas will be restored and provided with new plantings. Additionally, the stormwater management system will be improved by a stormwater retention system with a controlled release under the planting areas in the low points of the plaza. Permeable pavement will also be used to improve groundwater recharge.

Impact to water resources will be minimal as the project area will be provided with elements that allow percolation and limit erosion, as well as provide stormwater storage. Landscaping practices will be implemented using, whenever possible, native vegetation that is resilient to climate events. The design of the individual actions has been managed so that natural flood and erosion control, water quality, and groundwater recharge are maintained. Thus, the proposed action will have minimal effects on water resources.

The chosen alternative will preserve floodplain values in that it involves utilization of existing infrastructure in combination with minimization of impermeable areas. The proposed project shall be built at the existing ground level, below or at the flood level. The works will not increase the base flood elevation in the floodway or limit floodwater movement because is not considered a structure. Also, recreational use is viable with the flood hazard condition of the area.

#

Societal resources were also considered during the design process. The action on this site is meant to enhance the location and offer an aesthetically pleasing experience to the citizens that utilize the areas. This influence will be beneficial to the well-being of the citizens and provide a positive experience for the visitors. The area will maintain a recreational use but this use will be enhanced by the improved facilities.

The Puerto Rico Planning Board (PRPB) Regulation 13, Section 7.00 (Zone A), shall permit the location of new structures, substantial improvements, and other developments in this area when the provisions of this Section are met. Also, the project should comply with the following's provisions:

1. Drainage work will be consistent with the need to reduce flood damage and all works will be designed using the best engineering practices to minimize food damage.
2. It will be designed and constructed in such a way that they cause the least possible obstruction to the flow of water, offer safety conditions, resist the effects of hydrodynamic and hydrostatic loads of flood waters and comply with any other provision of applicable law or regulation.

The highest priority of this decision-making review is to prevent the loss of life. However, the project does not envision residential facilities or areas to increase the density of population. Thus, in the event of a flood, there will be no potential threat over life because of this action.

Step 5: *Where practicable, design or modify the proposed action to minimize the potential adverse impacts to lives, property, and natural values within the floodplain and to restore, and preserve the values of the floodplain.*

- (a) **Preserving Lives:** As indicated previously, the proposed action will not increase the population density in the area. Thus, in the event of a flood, there is minimal threat to life.
- (b) **Preserving Property:** Due to the characteristics of the project and the requirement to be exposed and handle climate events, there is no need to floodproof, elevate or obtain insurance for the elements of the project. Resiliency will be built into the project elements so that they can withstand weather events.
- (c) **Preserving Natural Values and Minimizing Impacts:** The project aims to enhance existing facilities and urban areas while also minimizing the effects or impacts to natural, undeveloped areas. This will be done by implementing erosion and sedimentation controls during construction and avoiding exposed soil during the operation phase. Impact to water resources will be minimal as all areas will be provided with elements that allow percolation and limit erosion. Landscaping practices will be implemented using, whenever possible, native vegetation that is resilient to climate events. Landscaping will also limit the erosion of the soil.
- (d) **Restore and Preserve the values of the floodplain:** The proposed action will restore and preserve floodplain values. This will be in part achieved by renovating existing facilities such as roads and sidewalks which will limit the need to create new impermeable surfaces. The project will restore green areas and use permeable pavement. The stormwater management system will also be improved by installing a stormwater retention system with a controlled release under the planting areas in the low points of the plaza. The area's topography patterns will remain the same.

Step 6: *Reevaluate the Alternatives.*

The Buenos Aires Plaza is an existing plaza located within the 100-year floodplain. Because the actions involve improvements to existing facilities located in the urban area, there are limited alternatives to development or rehabilitation outside the floodplain, and floodplain management is required.

No additional alternatives were considered for this type of action, mainly because the project includes necessary improvements to an existing plaza. The main purpose of the project is to serve as recreational space and support cultural activities that take place near the project site, in addition to providing safe access to existing businesses in the area for the local LMI residents.

Although the project will be located in a floodplain, the project will be adapted to preserve the effects on floodplain values. There will be no impact to the riverine areas and stormwaters will be allowed to percolate and follow the contours of the terrain. Additionally, the action does not present an increased risk to human life because it does not involve an increase in population density such as that of a housing project.

The alternative of using another location within the floodplain will not change actions that are necessary to reinvigorate the Arecibo urban center. The municipality continues to make the urban center more resilient for the sake of its citizens and for economic development.

The municipality rejected a no action alternative because it will not improve citizens livelihood by providing areas of recreation and leisure that are safe and accessible and would not meet the goals of the City Revitalization Program.

Step 7: Determination of No Practicable Alternative

The subrecipient has determined that there is no practicable alternative for partially locating the project in the flood zone. This is due to: 1) the desire to improve citizen livelihood by providing adequate and aesthetically pleasing areas for recreation and leisure; 2) the need to make urban areas resilient by managing rainwater; 3) the need to revitalize urban areas; 4) the project's accessibility to LMI citizenship; and 6) the ability to minimize impacts on human health, public property, and floodplain values.

Alternatives considered included i) the location of the proposed activity outside the floodplain; and ii) a no action alternative. It was decided that in order to provide adequate recreational facilities that are free and accessible to low- and middle-income citizens, and to minimize creation of impermeable substances the activity should be developed at the proposed location.

Mitigation measures have been incorporated in all phases of the project. During the design phase, mitigation activities considered limiting the creation of impermeable surfaces, incorporating the reuse of existing facilities, conserving the creek as a floodwater conduit, and maximizing water percolation area by establishing permeable surfaces and enhancing natural features with new landscaping. Mitigation activities will be implemented during the construction phase by establishing and implementation of activities that limit erosion and sedimentation to surrounding water ways. These include the use of silt fencing, hay bales, and among others. These will not be necessary during operation because all areas will be stabilized. No other mitigation activities were deemed necessary because the area will be used as an open park which will not restrict flood water movement.

A final notice was published and posted consistent with the prior notice. The notice explains the reasons why the modified project must be located in the floodplain, offers a list of alternatives considered at Steps 3 and 6, and describes all mitigation measures at Step 5 taken to minimize adverse impacts and preserve natural and beneficial floodplain values. The notice is attached to this document. No concerns were expressed by the public concerning the final notice.

Step 8: *Implement the Proposed Action*

The city will assure that this plan, as modified and described above, is executed and necessary language will be included in all agreements with participating parties. The city will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur nor unnecessary risks are taken.

Attachment 1 – Step 2 Publication documents



aviso público

Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un Valle Inundable de 100 Años

Revitalización de plaza Buenos Aires
PR-CRP-000772

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) ha determinado que la siguiente acción propuesta bajo el Programa Revitalización de la Ciudad (CRP, por sus siglas en inglés), Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBG-DR), números de subvención B-17-DM-72-0001 y B-18-DP-72-0001, se encuentra en un valle inundable de 100 años. Vivienda estará evaluando e identificando alternativas prácticas para realizar la acción propuesta y el impacto potencial en el valle inundable debido a la acción propuesta, según establecido por la Orden Ejecutiva 11988, de acuerdo con las regulaciones de HUD en 24 CFR 55.20 Subparte C - Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales. El proyecto propuesto, PR-CRP-000772, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en la intersección de las calles Antonio González, Mirta Silva, José "Cheo" González y Juan R. Figueroa, en Arecibo, PR 00612; coordenadas 18.469560, -66.718327. La actividad propuesta está situada en una zona de inundación A con cabida de 0.58 acres. El área del proyecto se encuentra en el mapa de niveles de inundación base (ABFE, por sus siglas en inglés), como se indica en el Nivel de Inundación Base Recomendado de FEMA Puerto Rico en el Puerto Rico Advisory Base Flood Elevations (ABFE's) | FEMA Region II Hub (arcgis.com).

El proyecto propuesto consiste en mejoras al acceso peatonal; la construcción de aceras permeables de concreto y pisos de la plaza; la construcción de rampas para discapacitados que cumplan con la Ley de Estadounidenses con Discapacidades (ADA, por sus siglas en inglés); la instalación de geotextil y pavimento asfáltico en todas las calles aledañas; estaciones de depósitos de basura y bancos; pintura de estructuras nuevas y existentes (incluidas líneas de estacionamiento en la calle); renovación de áreas verdes y jardines con árboles y nuevas plantaciones; el reemplazo de postes de luz con luminarias LED solares; reparaciones y remodelación del sistema de aguas pluviales existente; instalación de cuencas colectoras para controlar y mejorar la escorrentía de aguas pluviales; área de juegos infantiles y áreas de entrenamiento al aire libre; y la demolición de aceras, bordillos, cunetas, pavimento, muros bajos y losas existentes alrededor de la Plaza. Las obras realizadas como parte del proyecto incluyen la construcción de nuevas losas, muros bajos, rampas, escaleras, bordillos y cunetas, y un nuevo escenario. Además, incluye la instalación de mobiliario urbano y postes de luz solar y la instalación de pavimento asfáltico sobre la losa de concreto actual en las calles aledañas a la plaza.

Este aviso tiene tres propósitos principales. En primer lugar, las personas que puedan verse afectadas por las actividades en el valle inundable y aquellos que tengan interés en la protección del ambiente natural deben tener la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Se exhorta a la comunidad a ofrecer ubicaciones alternas fuera del valle inundable, métodos alternos para cumplir el mismo propósito del proyecto y métodos para minimizar y mitigar los impactos. Segundo, un programa adecuado de avisos públicos puede ser una herramienta importante para la educación pública. La divulgación de información sobre valles inundables puede facilitar y mejorar los esfuerzos federales por reducir los riesgos e impactos asociados con la ocupación y alteración de estas zonas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en valles inundables, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos en o antes de 29 de noviembre de 2023. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, Atención: Pedro de León-Rodríguez, Especialista en Permisos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a. m. a 4:00 p. m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. El número para obtener información es (787) 274-2527, ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a environmentcdbg@vivienda.pr.gov.


Fecha: 14 de noviembre de 2023



Lcdo. William O. Rodríguez Rodríguez
Secretario del Departamento de la Vivienda



DEPARTAMENTO DE LA
VIVIENDA



public notice

Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain

Revitalization of Buenos Aires Square
PR-CRP-000772

To: All Interested Parties, Groups, and Individuals


This is to give notice that the Puerto Rico Department of Housing (PRDOH) has determined that the following proposed action under the Community Development Block Grant – Disaster Recovery (CDBG-DR), City Revitalization Program, grant numbers B-17-DM-72-0001 and B-18-DP-72-0001, is located on the 100-year floodplain. PRDOH will be identifying and evaluating practicable alternatives to locating the action in the floodplain and the potential impacts on the floodplain from the proposed action, as required by Executive Order 11988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The proposed project, PR-CRP-000772, is within a municipality with structures damaged by hurricanes Irma and María and is located on the intersection of the streets Antonio González, Mirta Silva, Jose "Cheo" González, and Juan R. Figueroa, in Arecibo, PR 00612; coordinates 18.469560, -66.718327. The proposed activity is located in a flood zone A with dimensions of 0.58 acres. The floodplains in the project area can be found on the Advisory Base Flood Elevation (ABFE), as indicated on the FEMA Puerto Rico Advisory Base Flood Elevation at Puerto Rico Advisory Base Flood Elevations (ABFE's) | FEMA Region II Hub (arcgis.com).

The proposed project consists of pedestrian access improvements; the construction of pervious concrete sidewalks and plaza flooring; the construction of handicapped ramps that meet the Americans with Disabilities Act (ADA); the installation of geotextile and asphalt pavement on all surrounding streets; garbage disposal stations and benches; painting of existing and new structures (including street parking lines); the renovation of green areas and gardens with trees and new plantings; the replacement of light posts with solar LED lights; repairs and refurbishment of the existing stormwater system; installation of catch basins to control and improve stormwater runoff; a children playground area and outdoor workout areas; and the demolition of existing sidewalks, curbs, gutters, pavement, low walls, and on-ground slabs around the square. Works performed as part of the project include the construction of new slabs, low walls, ramps, stairs, curbs and gutters, and a new stage. Also, the installation of urban mobiliary and solar light poles, and asphalt pavement installation on top of the current concrete slab on the streets surrounding the square.


There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Commenters are encouraged to offer alternative sites outside of the floodplain, alternative methods to serve the same project purpose, and methods to minimize and mitigate impacts. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before November 29, 2023. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, Attention: Pedro de León-Rodríguez, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 a. m. to 4:00 p. m. at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. The number to get information is (787) 274-2527, ext. 4320. In the alternative, comments may also be sent to PRDOH by email at environmentcdbg@vivienda.pr.gov.

Date: November 14, 2023



William O. Rodríguez Rodríguez, Esq.
Secretary of the Department of Housing



DEPARTMENT OF
HOUSING

AVISO

Dr. Rufino Montañez Falcón

Cirujano Ortopeda

Anuncia el cierre permanente de su oficina médica localizada en la Ave. Main Blq. 31 #61 Santa Rosa, Bayamón PR 00959. Todo paciente deberá recoger su expediente médico en el termino de 30 días a partir del 14 de noviembre de 2023. Luego de esta fecha los expediente no reclamados serán destruidos.

El horario será de Lunes a Viernes de 9:30 am a 12:00 pm.

Tel. 787-798-4567 ó 787-798-4170

No me mires a mí.



Y mira hacia el Caño

Martín Peña y las

condiciones críticas

en las que vivimos

más de 26 mil

personas en el mismo

corazón del área

metropolitana.

cano3punto7.org





November 30, 2023

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: environmentcdbg@vivienda.pr.gov, for the *Revitalización de Plaza Buenos Aires* (PR-CRP-000772), as part of the CDBG-DR City Revitalization Program. The Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain was published in the *Primera Hora* newspaper of Puerto Rico on November 14, 2023, with a comment period that concluded on November 29, 2023.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Thursday, November 30, 2023 4:41 PM
To: environmentcdbg
Subject: RE: Comentarios PR-CRP-000772

Saludos

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

Kenneth M. García De León

Oficial de Radicación de Informes de Operaciones
Oficina Recuperación de Desastres

kgarcia@vivienda.pr.gov | 787.274.2527 Ext. 4013

Visit us: www.cdbg-dr.pr.gov

Write us: infocdbg@vivienda.pr.gov



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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Thursday, November 30, 2023 11:47 AM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios PR-CRP-000772

Saludos Kenneth,

Con respecto a la publicación del Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) para el proyecto **Revitalización de Plaza Buenos Aires (PR-CRP-000772)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division

Office of Disaster Recovery

environmentcdbg@vivienda.pr.gov | 787.274.2527

Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA
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Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, November 14, 2023 10:25 AM
To: Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean_es@fws.gov; Edwin_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera_r1@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov
Subject: Public Notice – Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain_PRDOH Case PR-CRP-000772
Attachments: Early Notice_Primer Hora_PR-CRP-000772.pdf

Concerned agencies,

Enclosed please find a **Public Notice – Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project *Revitalización de plaza Buenos Aires* (PR-CRP-000772). The Early Notice was published in the *Primera Hora* newspaper of Puerto Rico on November 14, 2023.

Respectfully,

Permits and Environmental Compliance Division

Office of Disaster Recovery

environmentcdbg@vivienda.pr.gov | 787.274.2527

Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA
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Attachment 2 – Step 7 Publication documents

aviso público

Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años

Revitalization of Plaza Buenos Aires
PR-CRP-00072

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) completó una evaluación según establece la Orden Ejecutiva 1988, de acuerdo con los reglamentos de HUD en 24 CFR 55.20 Subparte C - Procedimientos para hacer determinaciones sobre el manejo del valle inundable y la protección de humedales. La actividad está subvencionada con fondos del Programa Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario - Recuperación ante Desastres (CDBG-DR), número de subvención B-17-04-72-001, B-18-04-72-001 y B-19-04-72-002. El proyecto propuesto PR-CRP-00072, está localizado en la intersección de las calles Antonio González, Mirra Silva, Jose Chao González y Juan R. Figueroa, Arecibo, PR 00612, coordenadas 18.46560, -66.78837. El proyecto propuesto consiste en mejoras en el acceso peatonal, construcción de aceras permeables de concreto y pisos de la plaza, y construcción de rampas para discapacitados que cumplan con la Ley de estandarizaciones con Discapacidades (ADA, por sus siglas en inglés). La instalación de geotextil y pavimento asfáltico en todas las calles adyacentes, instalación de depósitos de basura y bancos, pintar estructuras nuevas y existentes (Incluidas las líneas de estacionamiento en la calle), y renovación de áreas verdes y jardines, incluyendo la conservación de 7 árboles existentes, y nuevas plantaciones. Además, el reemplazo de postes de luz por luces LED solares, reparaciones y renovación del sistema de aguas pluviales existente, instalación de cuencas colectoras para controlar y mejorar el escurrimiento de aguas pluviales, área de juegos infantiles, y áreas de entrenamiento al aire libre. Adicionalmente la demolición de aceras, bordillos, cunetas, pavimento de plaza, muros bajos y losas existentes alrededor de la Plaza. El espacio conservará y añadirá funciones naturales y beneficiosas para el valle inundable como áreas de almacenaje y descarga de agua de inundación, recarga de acuíferos, control de erosión y hábitat para flora y fauna. Las actividades añadirán valor recreacional al proveer mejores facilidades para la recreación y esparcimiento al aire libre. El área total del proyecto, 10 acres (4,045 metros cuadrados), está localizado en un valle inundable de 100 años, zona de inundación A, y se puede encontrar en el mapa de niveles de inundación base (ABFE, por sus siglas en inglés), como se indica en el Nivel de Inundación Base Recomendado de FEMA para Puerto Rico en Puerto Rico Advisory Base Flood Elevations (ABFEs) | FEMA Region II Hub (arjsgis.com).

Vivienda ha considerado las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar los valores naturales y beneficiosos: (1) ubicar el proyecto dentro del valle inundable, (2) ubicar el proyecto fuera del valle inundable, y (3) no tomar ninguna acción. Las alternativas 2 y 3 no son factibles ya que el municipio quiere proporcionar un uso útil y mejorar el área para el disfrute de los ciudadanos. Además, limitan el acceso a ciudadanos de bajo o mediano ingreso dentro del centro urbano. Se consideró reducir el tamaño del proyecto, pero esto no evitaría el impacto, ya que se encuentra completamente en el valle inundable. Un proyecto reducido no aprovecharía plenamente el potencial de la parcela para brindar la mejor oportunidad de satisfacer las necesidades de sus residentes. La alternativa 1 se considera una opción viable ya que la intención del proyecto es proporcionar un espacio para servir a la comunidad, con áreas verdes y bancos para la recreación pasiva de los residentes del área, así como un lugar de encuentro para eventos culturales. El sitio seleccionado es propiedad del municipio y se encuentra dentro de la delimitación del centro tradicional urbano. Las medidas de mitigación para limitar el impacto en el valle inundable incluyen el uso de pavimento permeable, la mejora de los valores naturales mediante la conservación de 7 árboles existentes en la plaza y la implementación de prácticas de paisajismo. Se mejorará el sistema de manejo de aguas pluviales mediante la instalación de un sistema de retención de aguas pluviales con una liberación controlada para reducir inundaciones, que está ubicado bajo las áreas de siembra en los puntos bajos de la plaza. El sistema que se instalará es un sistema de almacenamiento que recoge agua de lluvia y la libera con un retardo temporal en la infraestructura pluvial para evitar inundaciones en áreas urbanas. Se implementarán medidas de mitigación, como la implementación de medidas de conservación para proteger cualquier especie potencial que pueda estar presente en el área, así como medidas de control de erosión y sedimentación para prevenir efectos adversos del proyecto en la recepción de agua durante la construcción. Finalmente, el proyecto preservará las funciones de almacenaje y descarga de agua de inundación, así como los valores de uso recreacional y cultural. El proyecto cumplirá con la Regulación 13, sección 7 (Zona A) de la Junta de Planificación de Puerto Rico (JPPR). El programa tiene como objetivo cumplir con los procedimientos y requisitos de las leyes y reglamentos aplicables a nivel local.

Vivienda reveló las alternativas para construir en el valle inundable y determinó que no cuenta con alternativas prácticas. La documentación ambiental que evidencia el cumplimiento de los pasos 3 a 6 de la Orden Ejecutiva 1988, está disponible para inspección, revisión y reproducción de parte del público, de ser solicitado, en el horario y lugar indicado en el último párrafo sobre recibo de comentarios de este aviso.

Este aviso tiene tres propósitos principales. Primero las personas que pueden verse afectadas por actividades en valle inundable y aquellos que tengan interés en la protección del ambiente natural deben recibir la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Segundo, un programa adecuado de avisos públicos puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios sobre valle inundable puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en valle inundable, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos on o antes del 22 de marzo de 2024. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, Atención: Pedro de León-Rodríguez, Especialista en Permisos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 am a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. El número para obtener información es (787) 714-2527 ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a environmentcbg@vivienda.pr.gov.

Fecha: 15 de marzo de 2024


Ldo. William O. Rodríguez Rodríguez
Secretario del Departamento de la Vivienda

Autorizado por la Oficina del Contralor Electoral OCE-SA-2023-00076

public notice

Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain

Revitalization of Plaza Buenos Aires
PR-CRP-00072

To: All Interested Parties, Groups & Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted an evaluation as required by the Executive Order 1988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and Wetlands Protection. The activity is funded under the City Revitalization Program, Community Development Block Grant - Disaster Recovery (CDBG-DR), Grant number B-17-04-72-001, B-18-04-72-001 and B-19-04-72-002. The proposed project, PR-CRP-00072, is located at the intersection of Antonio González, Mirra Silva, Jose Chao González and Juan R. Figueroa streets, Arecibo, PR 00612, coordinates 18.46560, -66.78837. The proposed project consists of pedestrian access improvements, construction of permeable concrete sidewalks and plaza floors, and construction of Americans with Disabilities Act (ADA) compliant handicapped ramps. The installation of geotextile and asphalt pavement on all surrounding streets, installation of garbage deposits and benches, painting of new and existing structures (including on-street parking lines), and renovation of green areas and gardens, including the conservation of 7 existing trees, and new plantings. Also, replacement of light poles with solar LED lights, repairs and renovation of the existing stormwater system, installation of catch basins to control and improve stormwater runoff, children's play area, and outdoor training areas. Additionally, the demolition of sidewalks, curbs, gutters, pavement, low walls and existing slabs around the Plaza. The space will conserve and add natural and beneficial functions to the floodplain such as floodwater storage and discharge areas, aquifer recharge, erosion control and habitat for flora and fauna. The activities will add recreational value by providing better facilities for outdoor recreation and recreation. The total project area, 10 acres (4,045 square meters), are located in a 100-year floodplain, flood zone A, which can be found at the Advisory Base Flood Elevation Map (ABFE), as indicated on the FEMA Advisory Base Flood Elevation for Puerto Rico at Puerto Rico Advisory Base Flood Elevations (ABFEs) | FEMA Region II Hub (arjsgis.com).

PRDOH has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values: (1) locate the project within the floodplain, (2) locate the project outside of the floodplain, and (3) take no action. Alternatives 2 and 3 are not feasible as the Municipality wants to provide a useful use and improve the area for the enjoyment of the citizens. Also, these alternative limit access to low- and middle-income citizens within the urban center. Reducing the size of the project was also considered, yet this would not prevent the impact, since it is located completely in the floodplain. Additionally, a scaled-back project would not fully utilize the parcels potential to provide the best opportunity to meet the needs of its residents. Alternative 1 is considered a viable option since the intention of the project is to provide a space to serve the community, with green areas and benches for passive recreation of area residents, as well as a meeting place for cultural events. The selected site is property of the municipality and it is located within the delimitation of the traditional urban center. Mitigation measures to limit the impact on the floodplain include the use of permeable paving, enhancing natural values by preserving 7 existing trees in the plaza, and implementing landscaping practices. The stormwater management system will be improved by installing a stormwater retention system with a controlled release to reduce flooding, which will be located under the planting areas in the low points of the plaza. The system to be installed is a storage system that collects rainwater and releases it with a time delay into the stormwater infrastructure to prevent flooding in urban areas. Mitigation measures will be implemented, such as the implementation of conservation measures to protect any potential species that may be present in the area, as well as erosion and sedimentation control measures to prevent adverse effects of the project on receiving water during the construction of the project. Finally, the project will preserve the functions of storage and discharge of floodwaters, as well as the values of recreational and cultural use. The project will comply with Regulation 13, Section 7 (Zone A) of the Puerto Rico Planning Board (PRPB). The program aims to comply with the procedures and requirements of locally applicable laws and regulations.

PRDOH has reevaluated the alternatives to building in the floodplain and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of 24 Executive Order 1988 are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public comment about the floodplain can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in the floodplain, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before March 22, 2024. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, Attention: Pedro de León-Rodríguez, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 am to 4:00 pm at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. The number to get information is (787) 714-2527 ext. 4320. In the alternative, comments may also be sent to PRDOH by email at environmentcbg@vivienda.pr.gov.

Date: March 15, 2024


William O. Rodríguez Rodríguez, Esq.
Secretary of the Department of Housing

Autorizado by the Office of the Electoral Comptroller OCE-SA-2023-00076

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Sábados
8am a 2pm
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Mall Local A Carr. 156 Bo.
Pueblo, Caguas PR 00725

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 787-743-3503  939-339-7353  787-745-2001

COLEGIO CATÓLICO NOTRE DAME, CORP.

RFP-2024-01

The Request for Proposal ("RFP") can be picked up at the following address:

Calle Troche #34, Caguas, Puerto Rico 00725
or via email: ccndfema@ccndpr.com

AVISO DE SUBASTA BID ADVERTISEMENT

Bid Notice

Subasta para puertas, ventanas y reparaciones generales - Colegio Católico Notre Dame
BID for Doors, Windows, and general repairs - Colegio Católico Notre Dame

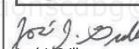
Subasta Número: RFP-2024-01 / Bid Number: RFP-2024-01

Estatus: Abierta / Status: Open

Tipo de Subasta: Construcción General / Bid Type: General Construction

Lugar de Proyectos: Project Venues: Calle Troche #34, Caguas, Puerto Rico 00725

Bid Announcement/ Fecha de edicto	15-mar-2024	Date of bid advertisement in the newspaper/Fecha de publicación de subasta en el periódico
Site Visit/Visita al campus	22-mar-2024	Pre-bid conference: 10am Calle Troche #34, Caguas, Puerto Rico 00725
Questions/preguntas	29-mar-2024	Último día para someter preguntas/ Last Day for submitting questions. Email: ccndfema@ccndpr.com
Answers to questions/ respuesta a las preguntas	8-apr-2024	
Due Date for the Bids/ Fecha de entrega de la propuesta	19-apr-2024	Proposal can be send via email: ccndfema@ccndpr.com or via paper copy to the above address
Decision of the selected bid/proposal	30-apr-2024	Notification of the selected bidder will be done via email
Document Costo/ Pliegos		


José J. Grillo
School Principal



Validation Letter

March 27, 2024

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: environmentcdbg@vivienda.pr.gov, for the project Revitalization of Plaza Buenos Aires (PR-CRP-000772), as part of the CDBG-DR City Revitalization Program. The Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain was published in the *Primera Hora* newspaper of Puerto Rico on March 15, 2024, with a comment period that concluded on March 22, 2024.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Wednesday, March 27, 2024 4:33 PM
To: environmentcdbg
Subject: RE: Comentarios - Aviso Final PR-CRP-000772

Saludos:

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente,

Kenneth M. García De León

Especialista en Control de Documentos / Operaciones

Oficina Recuperación de Desastres

kgarcia@vivienda.pr.gov | 787.274.2527 Ext. 4013

Visítanos: recuperacion.pr.gov

Contactanos: infocdbg@vivienda.pr.gov

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VIVIENDA

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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Wednesday, March 27, 2024 4:29 PM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios - Aviso Final PR-CRP-000772

Saludos Kenneth,

Con respecto a la publicación del Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 7) para el proyecto **Revitalization of Plaza Buenos Aires (PR-CRP-000772)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division

Disaster Recovery Office

environmentcdbg@vivienda.pr.gov | 787.274.2527

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Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Friday, March 15, 2024 11:22 AM
To: Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean_es@fws.gov; Tawes, Robert; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera_r1@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov
Subject: Public Notice – Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain_PRDOH Case PR-CRP-000772
Attachments: Final Notice_Primer Hora_PR-CRP-000772.pdf

Concerned agencies,

Enclosed please find a **Public Notice – Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project Revitalization of Plaza Buenos Aires (PR-CRP-000772). The Final Notice was published in the *Primera Hora* newspaper of Puerto Rico on March 15, 2024.

Respectfully,

Permits and Environmental Compliance Division

Disaster Recovery Office

environmentcdbg@vivienda.pr.gov | 787.274.2527

Visit us: recuperacion.pr.gov

Contact us: infocdbg@vivienda.pr.gov

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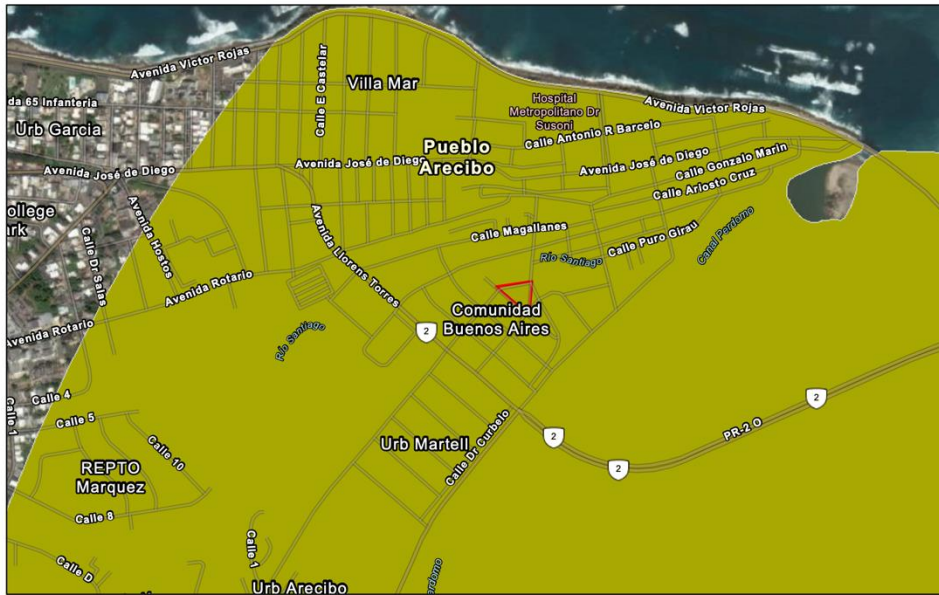


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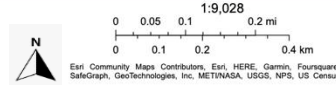
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Revitalization of Plaza Buenos Aires
PR-CRP-000772
Bordered by Mirta Silva, Antonio González, José (Cheo) González, & Juan R Figueroa Streets, Pueblo Ward, Arecibo, PR
18.469548, -66.718328

Exhibit 4a: Air Quality



PR-CRP-000772



- Non-attainment Areas
- Ozone 8-hr (1997 standard)
 - Nonattainment (NAAQS revoked)
 - Maintenance (NAAQS revoked)
- Ozone 8-hr (2008 standard)
 - Nonattainment
 - Maintenance
- Ozone 8-hr (2015 Standard)
 - Nonattainment
 - Maintenance
- Lead (2008 standard)
 - Nonattainment
 - Maintenance
- SO2 1-hr (2010 standard)
 - Nonattainment
 - Maintenance
- PM2.5 24hr (2006 standard)
 - Nonattainment
 - Maintenance
- PM2.5 Annual (1997 standard)
 - Nonattainment
 - Maintenance (NAAQS revoked)
- PM2.5 Annual (2012 standard)
 - Nonattainment
 - Maintenance
- PM10 (1987 standard)
 - Nonattainment
 - Maintenance
- CO (1971 Standard)
 - Nonattainment
 - Maintenance
- Ozone 1-hr (1979 standard-revoked)
 - Nonattainment (NAAQS revoked)
 - Maintenance (NAAQS revoked)
- NO2 (1971 Standard)
 - Maintenance

Source: <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>
 Spatial Reference: GRS80
 Company: AVA Environmental Consultants, Inc.

Exhibit 4b U.S. Environmental Protection Agency – Green Book data

Source: https://www3.epa.gov/airquality/greenbook/anayo_pr.html

3/17/25, 12:30 PM

Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants | Green Book | US EPA



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of February 28, 2025

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

Important Notes

[Download National Dataset: dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	111213141516171819202122232425	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122232425	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122232425	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122232425	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	1819202122232425	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122232425	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122232425	//		Part	52,441	72/137

Important Notes

Discover.

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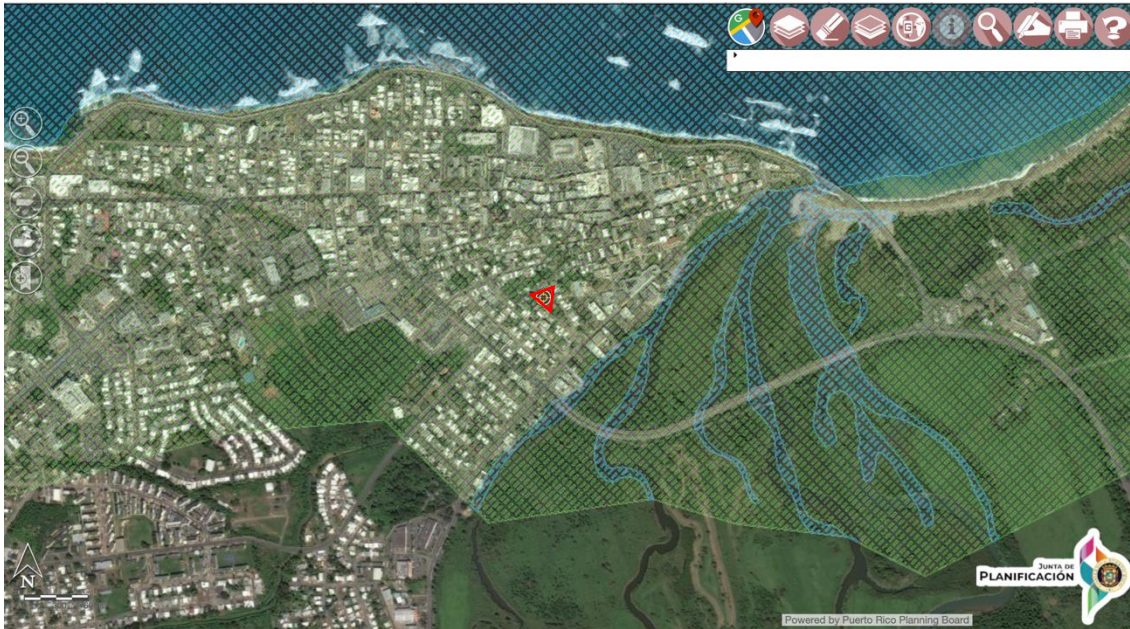
Ask.

Follow.

2025-02-28

Revitalization of Plaza Buenos Aires
PR-CRP-000772
Bordered by Mirta Silva, Antonio González, José (Cheo)
González, & Juan R Figueroa Streets, Pueblo Ward, Arecibo, PR
18.469548, -66.718328

Exhibit 5a: Coastal Zone Land Boundary



Legend  Coastal Zone  PR-CRP-000772

Source: <https://drnapmzc.maps.arcgis.com/apps/MapTools/index.html?appid=e9e1788520a74242852b03494e739ea4>
(Spatial Reference: WGS84)
Company: AVA Environmental Consultants, Inc.



GOBIERNO DE PUERTO RICO

PUERTO RICO PLANNING BOARD

August 27, 2024

Angel López Guzmán

Director
Permits and Environmental Compliance Director
Disaster Recovery Office
PR Department of Housing
PO Box 21365
San Juan, PR 00928-1365

Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program (PRCZMP)
CZ-2024-0220-120
PR-CRP-00072
Federal Assistance with CDBG funds from the City Revitalization (CRP) Program
Repair and remodeling of Plaza Buenos Aires
Arecibo, Puerto Rico

Dear Mr. López:

The Puerto Rico Planning Board in its meeting of July 24, 2024 emitted a General Federal Consistency Certification with the PRCZMP under resolution JP-2024-004 for projects to be financed with Federal funds under the CDBG-DR and CDBG-MIT programs. The section D of this resolution establishes that Federal assistance awarded under CDBG-DR and CDBG-MIT programs for infrastructure projects (sidewalks, roads, highways, service lines, public squares) are consistent with the PRCZMP with the condition that the applicant fulfills the following requirements ninety (90) days before the construction phase of the project:



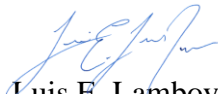
1. Evidence compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by the PR Permit Management Office (OGPe).
2. Evidence compliance with the Special Flood Hazard Zone Regulations (Planning Regulation Number 13) when it is required depending on the nature and location of the project.
3. In the case of projects that are located within Historic Zones designated by the PR Planning Board, the project must have the endorsement of the Puerto Rican Culture Institute.

These documents should be submitted to the Puerto Rico Planning Board's Office of Geology and Hydrogeology with reference to the Federal Consistency review request number. Documents may be submitted via email to Ortiz_r@jp.pr.gov and Lamboy_le@jp.pr.gov.

Considering this the project at reference is consistent with the PRCZMP with the condition that the applicant complies with the above-mentioned requirements as established in Resolution JP-2024-004.

If you have any question or need assistance, do not hesitate to contact Rose A. Ortiz at (787) 723-6200 ext. 16012 or by e-mail ortiz_r@jp.pr.gov.

Cordially,



Luis E. Lamboy Torres

Director

Office of Geology and Hydrogeology

RAO

Exhibit 6a. Contamination and Toxic Substances Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



Source: EPA NEPAassist (Spatial Reference: GRS80) at URL <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

Exhibit 6a. Contamination and Toxic Substances Table

PR-CRP-000772

<i>ID</i>	EPA Facility	Distance from Project Site	Direction from Project Site	Description
1	Water Dischargers (NPDES)	0.5 mi	W	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX HOSTOS ST., SAN LUIS SECTOR, PUEBLO WARD, ARECIBO, PR 00612 FRS ID110071347331 EPA Region02 Latitude18.4714 Longitude-66.7257 Locational Data Source NPDES
2a	Hazardous Waste (RCRAInfo)	0.41 mi	NW	TEXACO PR INC VILLA SS Handler ID: PRR000010363 RD 2 KM 77.1 ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.472252 Longitude: -66.724314 Hazardous Waste Generator: Owner Name: TEXACO PR INC
2b	Hazardous Waste (RCRAInfo)	0.41 mi	NW	SAN LUIS SS 0418 Handler ID: PRR000003954 CALLE JOSE DE DIEGO 406 ARECIBO, PR 00613 County Name: ARECIBO Latitude: 18.4722 Longitude: -66.72477 Hazardous Waste Generator: Owner Name: REINALDO SOTO CABAN
3a	Hazardous Waste (RCRAInfo)	0.24 mi	NW	DEPT OF ED - MARIA CADILLA Handler ID: PR0000012625 AVE ESTEBAN PADILLA ARECIBO, PR 00613 County Name: ARECIBO Latitude: 18.4715 Longitude: -66.72185 Hazardous Waste Generator: Owner Name: DEPT OF EDUCATION
3b	Hazardous Waste (RCRAInfo)	0.24 mi	NW	PRASA ARECIBO REGIONAL OFFICE Handler ID: PRD987369733 CAPITAN ABREU ST ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.471475 Longitude: -66.721833 Hazardous Waste Generator: Owner Name: PRASA
4	Hazardous Waste (RCRAInfo)	0.25 mi	W	WESTERN AUTO Handler ID: PRR000019513 2 LLORENS TORRES AVE ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.47046 Longitude: -66.7223 Hazardous Waste Generator: Very Small Quantity Generator Owner Name: YABUCOA DEVELOPMENT
5a	Hazardous Waste (RCRAInfo)	0.11 mi	S	ESSO STANDARD OIL CO - PR CO-118 Handler ID: PRR000003301 AVE LLORENS TORRES ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.46796 Longitude: -66.71929 Hazardous Waste Generator: Owner Name: ESSO STANDARD OIL CO - PR
5b	Air Pollution (ICIS-AIR)	0.11 mi	S	ESSO STANDARD OIL CO - PR CO-118 AVE LUIS LLORENS TORRES 205, ARECIBO, PR 00612 FRS ID110007174477 EPA Region02 Latitude18.46796 Longitude-66.71929
6	Hazardous Waste (RCRAInfo)	0.09 mi	S	ESSO STANDARD OIL CO - PR CO-117 Handler ID: PRR000009530 AVE JUAN ROSADO 253 ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.46801 Longitude: -66.71763 Hazardous Waste Generator: Very Small Quantity Generator Owner Name: ESSO STANDARD OIL CO - PR
7	Hazardous Waste (RCRAInfo)	0.25 mi	N	HOSPITAL METROPOLITANO DR SUSONI Handler ID: PRR000021790 55 PALMA ST ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.47312 Longitude: -66.71655 Hazardous Waste Generator: Small Quantity Generator Owner Name: HOSPITAL DR.SUSONI INC

8	Hazardous Waste (RCRAInfo)	0.19	N	HOSPITAL METROPOLITANO DR SUSONI Handler ID: PRR000021790 55 PALMA ST ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.47312 Longitude: -66.71655 Hazardous Waste Generator: Small Quantity Generator Owner Name: HOSPITAL DR.SUSONI INC
9a	Water Dischargers (NPDES)	0.20	N	MUNICIPALITY OF ARECIBO, NPDES: PRU201961 CALLE JOSE DE DIEGO # 100 ARECIBO 00613, TYPE OF OWNERSHIP: STATE: PR, ACTIVITY STATUS: INACTIVE, Region 2, TYPE OF PERMIT ISSUED: Unpermitted Facility, LATITUDE 18.47226 LONGITUDE -66.71851
9b	Water Dischargers (NPDES)	0.20	N	ARECIBO MUNICIPALITY, NPDES: PRR040029, 100 JOSE DE DIEGO AVENUE ARECIBO 00613, TYPE OF OWNERSHIP: STATE, ACTIVITY STATUS: INACTIVE, Region 2, TYPE OF PERMIT ISSUED: General Permit Covered Facility, LATITUDE 18.47223 LONGITUDE -66.71642
10a	Hazardous Waste (RCRAInfo)	0.16	E	WALGREENS #1463 Handler ID: PRR000024984 446 AVE JUAN ROSADO ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.469774 Longitude: -66.715612 Hazardous Waste Generator: Very Small Quantity Generator Owner Name: PURICO SE
10b	Hazardous Waste (RCRAInfo)	0.16	E	NC TRANSMITION PARTS Handler ID: PRD987381076 150 JUAN ROSADO AVE ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.469379 Longitude: -66.716114 Hazardous Waste Generator: Very Small Quantity Generator Owner Name: NC TRANSMITION PARTS
10c	Hazardous Waste (RCRAInfo)	0.16	E	CARIBBEAN RCCYCLING INC Handler ID: PRN008028235 415 JUAN ROSADO AVE ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.46981 Longitude: -66.71557 Hazardous Waste Generator: Owner Name:
11	Water Dischargers (NPDES)	0.33	E	BUENOS AIRES COMMUNITY MS4 PO BOX 1086, ARECIBO, PR 00613 FRS ID110039184254 EPA Region02 Latitude18.471111 Longitude-66.713333 Locational Data SourceNPDES



EPA Home <<https://www.epa.gov/>> / Envirofacts <<https://epa.gov/>> / ICIS-NPDES <<https://epa.gov/envirofacts/icis-npdes>>

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <[https://www.epa.gov/enviro/mobile](#)> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit >
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	HOSTOS ST., SAN LUIS SECTOR, PUEBLO WARD	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic >
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	ARECIBO	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	PR	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/p >
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	00612	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end >

REGION <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code>	Region 2	TYPE OF PERMIT ISSUED <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code>
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude>	18.4714	ORIGINAL PERMIT ISSUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>
LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude>	-66.7257	PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issued_date>
LAT/LON CODE OF ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_accuracy_measure>		PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>
LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_collect_method_code>	INTERPOLATION-MAP	
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/source_map_scale_nmbr>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>
LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>	WGS84	FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow>
RECEIVING WATERS <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/state_water_body_name>		FEDERAL GRANT IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/federal_grant_flag>
PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	CONSTRUCTION OF SAGRADO CORAZ N DE JES S SENIORS HOUSING COMPLEX	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_exter_permit_num>
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	HOSTOS ST SAN LUIS SECTOR PUEBLO WARD	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_annual_dry_sludge_prod>
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>		

MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	ARECIBO	
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	PUERTO RICO	
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	00612	
COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_tel>

Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa>
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Activity Name <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_status/activity_status_desc>
	Permit	Active



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa>
---	---	--

First Name <https://epa.gov/envirofacts/metadata/column/icis/icis_contact/first_name>	Last Name <https://epa.gov/envirofacts/metadata/column/icis/icis_contact/last_name>	Organization Formal Name <https://epa.gov/envirofacts/metadata/column/icis/icis_contact/org>
Juan	Barroso	B&A Consultant Engineers, PSC
Jorge	Rodriguez	Cidra Excavation, SE

First Name	Last Name	Organization Formal Name
Permit Tracking		
FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/exte
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>	U.S. EPA	ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue
PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	20-OCT-2022	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_da
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	20-OCT-2022	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_da

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track
Permit Expiration	16-FEB-2027
Permit Effective	20-OCT-2022
Permit Issued	20-OCT-2022
Application/NOI Complete	06-OCT-2022
Application/NOI Received	06-OCT-2022

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_r
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>	External Outfall	PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/pe
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_status/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_me
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_co
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_rel
INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_subm

INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>
UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_per
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	001	
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_

No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa
---	---	---

No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/externa
---	---	---

No ICIS Pretreatment Performance Summary Information Found.

Contact Us <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

**CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS
HOUSING COMPLEX**

**HOSTOS ST., SAN LUIS SECTOR, PUEBLO WARD, ARECIBO, PR
00612**

FRS (Facility Registry Service) ID: 110071347331

EPA Region: 02

Latitude: 18.4714

Longitude: -66.7257

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
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): Non-Major, Permit Effective (PRR1000FW)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071347331					N	18.4714	-66.7257
ICIS-NPDES	CWA	PRR1000FW	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.4714	-66.7257

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071347331	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	HOSTOS ST., SAN LUIS SECTOR, PUEBLO WARD, ARECIBO, PR 00612	Arecibo Municipio
ICIS-NPDES	CWA	PRR1000FW	CONSTRUCTION OF SAGRADO CORAZÓN DE JESÚS SENIORS HOUSING COMPLEX	HOSTOS ST., SAN LUIS SECTOR, PUEBLO WARD, ARECIBO, PR 00612	

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 Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline 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

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
CWA	PRR1000FW	No	12/31/2024	0	03/28/2025

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	QTR 13+
CWA	(Source ID: PRR1000FW)	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	01/01-03/28/25
	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	Undetermined
	Quarterly Noncompliance Report History													

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?
210100020506	Non-contributing area-Name not assigned	CULVERT BOX	No	No	--	Yes

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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
----------	-------------

No data records returned

Community

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 2022 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	8,466
Population Density	4,605/sq.mi.
Housing Units in Area	5,027
Percent People of Color	100%
Households in Area	3,518
Households on Public Assistance	332
Persons With Low Income	7,485
Percent With Low Income	89%

Geography	
Radius of Selected Area	1 mi.

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	488 (6%)
Minors 17 years and younger	1,960 (23%)
Adults 18 years and older	6,506 (77%)
Seniors 65 years and older	1,734 (20%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,309 (51%)
African-American	0 (0%)
Hispanic-Origin	8,385 (99%)
Asian	107 (1%)
Hawaiian/Pacific Islander	0 (0%)

Geography	
Center Latitude	18.4714
Center Longitude	-66.7257
Total Area	--
Land Area	59%
Water Area	41%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,248 (63.81%)
\$15,000 - \$25,000	485 (13.77%)
\$25,000 - \$50,000	596 (16.92%)
\$50,000 - \$75,000	107 (3.04%)
Greater than \$75,000	87 (2.47%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
American Indian	1 (0%)
Other/Multiracial	1,815 (21%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	849 (14.83%)
9th through 12th Grade	420 (7.34%)
High School Diploma	1,899 (33.17%)
Some College/2-year	662 (11.56%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,317 (23%)



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Facility Information

TEXACO PR INC VILLA SS
Handler ID: PRR000010363
RD 2 KM 77.1
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.472252
Longitude: -66.724314
Hazardous Waste Generator:
Owner Name: TEXACO PR INC

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
JOSE BETANCOURT	PO BOX 9024160	SAN JUAN	PR	00902-4160	787

NAME	STREET	CITY	STATE	ZIP CODE	PH

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

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Facility Information

<p>SAN LUIS SS 0418 Handler ID: PRR000003954 CALLE JOSE DE DIEGO 406 ARECIBO, PR 00613 County Name: ARECIBO Latitude: 18.4722 Longitude: -66.72477 Hazardous Waste Generator: Owner Name: REINALDO SOTO CABAN</p>
--

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
	PO BOX 366697	SAN JUAN	PR	00936-6697	

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

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Facility Information

DEPT OF ED - MARIA CADILLA
Handler ID: PR0000012625
AVE ESTEBAN PADILLA
ARECIBO, PR 00613
County Name: ARECIBO
Latitude: 18.4715
Longitude: -66.72185
Hazardous Waste Generator:
Owner Name: DEPT OF EDUCATION

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
	PO BOX 1118	ARECIBO	PR	00613	

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HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

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Facility Information

PRASA ARECIBO REGIONAL OFFICE**Handler ID: PRD987369733****CAPITAN ABREU ST****ARECIBO, PR 00612****County Name: ARECIBO****Latitude: 18.471475****Longitude: -66.721833****Hazardous Waste Generator:****Owner Name: PRASA**

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
	PO BOX 7066 BO OBRERO STATION	SANTURCE	PR	00916	

NAME	STREET	CITY	STATE	ZIP CODE	PH

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

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Facility Information

WESTERN AUTO
Handler ID: PRR000019513
2 LLORENS TORRES AVE
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.47046
Longitude: -66.7223
Hazardous Waste Generator: Very Small
Quantity Generator
Owner Name: YABUCOA DEVELOPMENT

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS



NAME	STREET	CITY	STATE	ZIP CODE	PH
NOEMY	LLORENS TORRES	ARECIBO	PR	00612	787

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
811111	GENERAL AUTOMOTIVE REPAIR

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

WESTERN AUTO

2 LLORENS TORRES AVE, ARECIBO, PR 00612

FRS (Facility Registry Service) ID: 110031297291

EPA Region: 02

Latitude: 18.47046

Longitude: -66.7223

Locational Data Source: FRS

Industries: Repair and Maintenance

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, (PRR000019513)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031297291					N	18.47046	-66.7223

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000019513	VSQG	Active (H)			N	18.469042	-66.720643

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031297291	WESTERN AUTO	2 LLORENS TORRES AVE, ARECIBO, PR 00612	Arecibo Municipio
RCRAInfo	RCRA	PRR000019513	WESTERN AUTO	2 LLORENS TORRES AVE, ARECIBO, PR 00612	Arecibo 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	PRR000019513	811111	General Automotive Repair

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	PRR000019513	No	03/29/2025	0	03/28/2025

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: PRR000019513)		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	01/01-03/31/25
	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

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

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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	7,159
Population Density	3,755/sq.mi.
Housing Units in Area	4,362
Percent People of Color	100%
Households in Area	2,998
Households on Public Assistance	300
Persons With Low Income	6,398

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	419 (6%)
Minors 17 years and younger	1,654 (23%)
Adults 18 years and older	5,505 (77%)
Seniors 65 years and older	1,475 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	3,666 (51%)

General Statistics (ACS (American Community Survey))	
Percent With Low Income	90%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.47046
Center Longitude	-66.7223
Total Area	--
Land Area	61%
Water Area	39%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,932 (64.46%)
\$15,000 - \$25,000	411 (13.71%)
\$25,000 - \$50,000	511 (17.05%)
\$50,000 - \$75,000	84 (2.8%)
Greater than \$75,000	59 (1.97%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
African-American	0 (0%)
Hispanic-Origin	7,089 (99%)
Asian	90 (1%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	2 (0%)
Other/Multiracial	1,510 (21%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	726 (14.91%)
9th through 12th Grade	372 (7.64%)
High School Diploma	1,585 (32.56%)
Some College/2-year	589 (12.1%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,113 (22.86%)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-118

AVE LUIS LLORENS TORRES 205, ARECIBO, PR 00612

FRS (Facility Registry Service) ID: 110007174477

EPA Region: 02

Latitude: 18.46796

Longitude: -66.71929

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
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)	--
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): Operating Minor (PR0000007201300080)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000003301)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007174477					N	18.46796	-66.71929
ICIS-Air	CAA	PR0000007201300080	Minor Emissions	Operating	CAACFC		N	18.469042	-66.720643
RCRAInfo	RCRA	PRR000003301	Other	Inactive ()			N	18.469042	-66.720643

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007174477	ESSO STANDARD OIL CO - PR CO-118	AVE LUIS LLORENS TORRES 205, ARECIBO, PR 00612	Arecibo Municipio
ICIS-Air	CAA	PR0000007201300080	TONY'S ESSO SERVICE CENTER	AVENIDA LUIS LLORENS TORRES205, ARECIBO, PR 00612	Arecibo Municipio
RCRAInfo	RCRA	PRR000003301	ESSO STANDARD OIL CO - PR CO-118	AVE LLORENS TORRES, ARECIBO, PR 00612	Arecibo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007201300080	5013	Motor Vehicle Supplies And New Parts

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007201300080	999999	

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
CAA	PR0000007201300080	No	03/29/2025	0	03/28/2025
RCRA	PRR000003301	No	03/29/2025	0	03/28/2025

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+
CAA (Source ID: PR0000007201300080)		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	01/01-03/31/25
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
HPV History													
Violation Type	Agency	Programs	Pollutants										

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: PRR000003301)		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	01/01-03/31/25
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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	6,120
Population Density	2,813/sq.mi.
Housing Units in Area	3,732
Percent People of Color	100%
Households in Area	2,527
Households on Public Assistance	261
Persons With Low Income	5,464
Percent With Low Income	90%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.46796
Center Longitude	-66.71929
Total Area	--
Land Area	70%
Water Area	30%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,581 (62.51%)
\$15,000 - \$25,000	353 (13.96%)
\$25,000 - \$50,000	469 (18.54%)
\$50,000 - \$75,000	72 (2.85%)
Greater than \$75,000	54 (2.14%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	379 (6%)
Minors 17 years and younger	1,331 (22%)
Adults 18 years and older	4,787 (78%)
Seniors 65 years and older	1,305 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	3,170 (52%)
African-American	0 (0%)
Hispanic-Origin	6,073 (99%)
Asian	75 (1%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	4 (0%)
Other/Multiracial	1,301 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	596 (14.23%)
9th through 12th Grade	343 (8.19%)
High School Diploma	1,300 (31.05%)
Some College/2-year	557 (13.3%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	997 (23.81%)



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RCRAInfo Facility

[Home <https://epa.gov/>](https://epa.gov/) | [Multisystem Search <https://epa.gov/envirofacts/multisystem/search>](https://epa.gov/envirofacts/multisystem/search) | [Topic Searches <https://www.epa.gov/enviro/topic-searches>](https://www.epa.gov/enviro/topic-searches) | [System Data Searches <https://www.epa.gov/enviro/system-data-searches>](https://www.epa.gov/enviro/system-data-searches) | [About the Data <https://www.epa.gov/enviro/about-data>](https://www.epa.gov/enviro/about-data) | [Data Downloads <https://www.epa.gov/enviro/data-downloads>](https://www.epa.gov/enviro/data-downloads) | [Widgets <https://www.epa.gov/enviro/widgets>](https://www.epa.gov/enviro/widgets) | [Services <https://www.epa.gov/enviro/web-services>](https://www.epa.gov/enviro/web-services) | [Mobile <https://www.epa.gov/enviro/uv-index-mobile-app>](https://www.epa.gov/enviro/uv-index-mobile-app) | [Other Datasets <https://www.epa.gov/enviro/other-datasets>](https://www.epa.gov/enviro/other-datasets)

Facility Information

ESSO STANDARD OIL CO - PR CO-118
Handler ID: PRR000003301
AVE LLORENS TORRES
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.46796
Longitude: -66.71929
Hazardous Waste Generator:
Owner Name: ESSO STANDARD OIL CO - PR

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
	AVE LLORENS TORRES	ARECIBO	PR	00612	

NAME	STREET	CITY	STATE	ZIP CODE	PH

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



[EPA Home <https://www.epa.gov/>](https://www.epa.gov/) / [Envirofacts <https://epa.gov/>](https://epa.gov/) / [ICIS-AIR <https://epa.gov/envirofacts/icis-air>](https://epa.gov/envirofacts/icis-air)

ICIS-Air Detailed Plant View

[Home <https://epa.gov/>](https://epa.gov/) | [Multisystem Search <https://epa.gov/envirofacts/multisystem/search>](https://epa.gov/envirofacts/multisystem/search) | [Topic Searches <https://www.epa.gov/enviro/topic-searches>](https://www.epa.gov/enviro/topic-searches) | [System Data Searches <https://www.epa.gov/enviro/system-data-searches>](https://www.epa.gov/enviro/system-data-searches) | [About the Data <https://www.epa.gov/enviro/about-data>](https://www.epa.gov/enviro/about-data) | [Data Downloads <https://www.epa.gov/enviro/data-downloads>](https://www.epa.gov/enviro/data-downloads) | [Widgets <https://www.epa.gov/enviro/widgets>](https://www.epa.gov/enviro/widgets) | [Services <https://www.epa.gov/enviro/web-services>](https://www.epa.gov/enviro/web-services) | [Mobile <https://www.epa.gov/enviro/uv-index-mobile-app>](https://www.epa.gov/enviro/uv-index-mobile-app) | [Other Datasets <https://www.epa.gov/enviro/other-datasets>](https://www.epa.gov/enviro/other-datasets)

Plant Information

<p>TONY'S ESSO SERVICE CENTER AVENIDA LUIS LLORENS TORRES205 ARECIBO, PR 00612</p>	
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Operating Status	OPR	Operating Status Desc.	Operating
Facility ID	PR0000007201300080	State Registration Number	
Facility Type Code	POF	Facility Type Desc.	Privately Owned Facility
Government Facility Code		Government Facility Description	

NAICS Information

NAICS Code	NAICS Description
999999	AFS Migration

SIC Information

SIC Code	SIC Description
5013	Motor Vehicle Supplies And New Parts

Air Program Information



Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAACFC	Stratospheric Ozone Protection	Operating		



Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code
300000240	CFC (CHLOROFLUOROCARBONS)	75718	761411	MIN



Air Compliance Monitoring Information

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	E
E	INS	Inspection/Evaluation	PCE	PCE On-Site	10



Formal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Asse
E	AFR	Administrative - Formal	02-1994-A090	113A	



Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-118

AVE LUIS LLORENS TORRES 205, ARECIBO, PR 00612

FRS (Facility Registry Service) ID: 110007174477

EPA Region: 02

Latitude: 18.46796

Longitude: -66.71929

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
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)	--
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): Operating Minor (PR0000007201300080)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000003301)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007174477					N	18.46796	-66.71929
ICIS-Air	CAA	PR0000007201300080	Minor Emissions	Operating	CAACFC		N	18.469042	-66.720643
RCRAInfo	RCRA	PRR000003301	Other	Inactive ()			N	18.469042	-66.720643

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007174477	ESSO STANDARD OIL CO - PR CO-118	AVE LUIS LLORENS TORRES 205, ARECIBO, PR 00612	Arecibo Municipio
ICIS-Air	CAA	PR0000007201300080	TONY'S ESSO SERVICE CENTER	AVENIDA LUIS LLORENS TORRES205, ARECIBO, PR 00612	Arecibo Municipio
RCRAInfo	RCRA	PRR000003301	ESSO STANDARD OIL CO - PR CO-118	AVE LLORENS TORRES, ARECIBO, PR 00612	Arecibo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007201300080	5013	Motor Vehicle Supplies And New Parts

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007201300080	999999	

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
CAA	PR0000007201300080	No	03/29/2025	0	03/28/2025
RCRA	PRR000003301	No	03/29/2025	0	03/28/2025

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+
CAA (Source ID: PR0000007201300080)		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	01/01-03/31/25
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
HPV History													
Violation Type	Agency	Programs	Pollutants										

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: PRR000003301)		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	01/01-03/31/25
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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	6,120
Population Density	2,813/sq.mi.
Housing Units in Area	3,732
Percent People of Color	100%
Households in Area	2,527
Households on Public Assistance	261
Persons With Low Income	5,464
Percent With Low Income	90%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.46796
Center Longitude	-66.71929
Total Area	--
Land Area	70%
Water Area	30%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,581 (62.51%)
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\$25,000 - \$50,000	469 (18.54%)
\$50,000 - \$75,000	72 (2.85%)
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Age Breakdown (ACS (American Community Survey)) - Persons (%)	
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Less than 9th Grade	596 (14.23%)
9th through 12th Grade	343 (8.19%)
High School Diploma	1,300 (31.05%)
Some College/2-year	557 (13.3%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	997 (23.81%)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-117

AVE JUAN ROSADO 253, ARECIBO, PR 00612

FRS (Facility Registry Service) ID: 110004894393

EPA Region: 02

Latitude: 18.46801

Longitude: -66.71763

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	09/15/2000
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): Active VSQG, (PRR000009530)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004894393					N	18.46801	-66.71763

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000009530	VSQG	Active (H)			N	18.469097	-66.716377

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004894393	ESSO STANDARD OIL CO - PR CO-117	AVE JUAN ROSADO 253, ARECIBO, PR 00612	Arecibo Municipio
RCRAInfo	RCRA	PRR000009530	ESSO STANDARD OIL CO - PR CO-117	AVE JUAN ROSADO 253, ARECIBO, PR 00612	Arecibo 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	PRR000009530	No	03/29/2025	0	03/28/2025

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: PRR000009530)		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	01/01-03/31/25
	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

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

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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	5,050
Population Density	2,342/sq.mi.
Housing Units in Area	3,129
Percent People of Color	100%
Households in Area	2,074
Households on Public Assistance	219
Persons With Low Income	4,499

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	324 (6%)
Minors 17 years and younger	1,048 (21%)
Adults 18 years and older	4,004 (79%)
Seniors 65 years and older	1,123 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,650 (52%)

General Statistics (ACS (American Community Survey))	
Percent With Low Income	90%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.46801
Center Longitude	-66.71763
Total Area	--
Land Area	69%
Water Area	31%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,270 (61.26%)
\$15,000 - \$25,000	293 (14.13%)
\$25,000 - \$50,000	402 (19.39%)
\$50,000 - \$75,000	62 (2.99%)
Greater than \$75,000	46 (2.22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
African-American	0 (0%)
Hispanic-Origin	5,017 (99%)
Asian	61 (1%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	5 (0%)
Other/Multiracial	1,060 (21%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	462 (13.27%)
9th through 12th Grade	296 (8.5%)
High School Diploma	1,046 (30.05%)
Some College/2-year	482 (13.85%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	863 (24.79%)



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RCRAInfo Facility

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Facility Information

ESSO STANDARD OIL CO - PR CO-117
Handler ID: PRR000009530
AVE JUAN ROSADO 253
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.46801
Longitude: -66.71763
Hazardous Waste Generator: Very Small
Quantity Generator
Owner Name: ESSO STANDARD OIL CO - PR

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS



NAME	STREET	CITY	STATE	ZIP CODE	PH
CARLOS	AVE JUAN	ARECIBO	PR	00612	787

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

HOSPITAL METROPOLITANO DR SUSONI

55 CALLE PALMA, ARECIBO, PR 00614

FRS (Facility Registry Service) ID: 110037441408

EPA Region: 02

Latitude: 18.47312

Longitude: -66.71655

Locational Data Source: FRS

Industries: Hospitals

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	12/18/2012
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 SQG, (PRR000021790)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110037441408					N	18.47312	-66.71655

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000021790	SQG	Active (H)			N	18.471942	-66.71738

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110037441408	HOSPITAL METROPOLITANO DR SUSONI	55 CALLE PALMA, ARECIBO, PR 00614	Arecibo Municipio
RCRAInfo	RCRA	PRR000021790	HOSPITAL METROPOLITANO DR SUSONI	55 PALMA ST, ARECIBO, PR 00612	Arecibo 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	PRR000021790	622110	General Medical and Surgical Hospitals

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	PRR000021790	No	03/29/2025	0	03/28/2025

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: PRR000021790)		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	01/01-03/31/25
	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

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

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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	2,995
Population Density	1,931/sq.mi.
Housing Units in Area	2,084
Percent People of Color	100%
Households in Area	1,236
Households on Public Assistance	120
Persons With Low Income	2,607

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	152 (5%)
Minors 17 years and younger	528 (18%)
Adults 18 years and older	2,472 (83%)
Seniors 65 years and older	797 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	1,622 (54%)

General Statistics (ACS (American Community Survey))	
Percent With Low Income	89%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.47312
Center Longitude	-66.71655
Total Area	--
Land Area	50%
Water Area	50%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	671 (54.33%)
\$15,000 - \$25,000	202 (16.36%)
\$25,000 - \$50,000	286 (23.16%)
\$50,000 - \$75,000	46 (3.72%)
Greater than \$75,000	30 (2.43%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
African-American	0 (0%)
Hispanic-Origin	2,982 (100%)
Asian	47 (2%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	6 (0%)
Other/Multiracial	557 (19%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	247 (11.14%)
9th through 12th Grade	187 (8.43%)
High School Diploma	605 (27.28%)
Some College/2-year	310 (13.98%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	622 (28.04%)



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RCRAInfo Facility

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Facility Information

HOSPITAL METROPOLITANO DR SUSONI
Handler ID: PRR000021790
55 PALMA ST
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.47312
Longitude: -66.71655
Hazardous Waste Generator: Small Quantity
Generator
Owner Name: HOSPITAL DR.SUSONI INC

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS



NAME	STREET	CITY	STATE	ZIP CODE	PH
EDGARDO COLON	PO BOX145200	ARECIBO	PR	00614	787

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Small Quantity Generator

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
622110	GENERAL MEDICAL AND SURGICAL HOSPITALS

LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
U010	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8- [[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS- (1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
U056	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
U058	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
U059	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO- HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
U089	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
U150	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
U206	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
U237	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

HOSPITAL METROPOLITANO DR SUSONI

55 CALLE PALMA, ARECIBO, PR 00614

FRS (Facility Registry Service) ID: 110037441408

EPA Region: 02

Latitude: 18.47312

Longitude: -66.71655

Locational Data Source: FRS

Industries: Hospitals

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	12/18/2012
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 SQG, (PRR000021790)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110037441408					N	18.47312	-66.71655

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000021790	SQG	Active (H)			N	18.471942	-66.71738

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110037441408	HOSPITAL METROPOLITANO DR SUSONI	55 CALLE PALMA, ARECIBO, PR 00614	Arecibo Municipio
RCRAInfo	RCRA	PRR000021790	HOSPITAL METROPOLITANO DR SUSONI	55 PALMA ST, ARECIBO, PR 00612	Arecibo 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	PRR000021790	622110	General Medical and Surgical Hospitals

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	PRR000021790	No	03/29/2025	0	03/28/2025

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: PRR000021790)		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	01/01-03/31/25
	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

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

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)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

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 2022 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	2,995
Population Density	1,931/sq.mi.
Housing Units in Area	2,084
Percent People of Color	100%
Households in Area	1,236
Households on Public Assistance	120
Persons With Low Income	2,607

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	152 (5%)
Minors 17 years and younger	528 (18%)
Adults 18 years and older	2,472 (83%)
Seniors 65 years and older	797 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	1,622 (54%)

General Statistics (ACS (American Community Survey))	
Percent With Low Income	89%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.47312
Center Longitude	-66.71655
Total Area	--
Land Area	50%
Water Area	50%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	671 (54.33%)
\$15,000 - \$25,000	202 (16.36%)
\$25,000 - \$50,000	286 (23.16%)
\$50,000 - \$75,000	46 (3.72%)
Greater than \$75,000	30 (2.43%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
African-American	0 (0%)
Hispanic-Origin	2,982 (100%)
Asian	47 (2%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	6 (0%)
Other/Multiracial	557 (19%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	247 (11.14%)
9th through 12th Grade	187 (8.43%)
High School Diploma	605 (27.28%)
Some College/2-year	310 (13.98%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	622 (28.04%)



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RCRAInfo Facility

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Facility Information

HOSPITAL METROPOLITANO DR SUSONI
Handler ID: PRR000021790
55 PALMA ST
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.47312
Longitude: -66.71655
Hazardous Waste Generator: Small Quantity
Generator
Owner Name: HOSPITAL DR.SUSONI INC

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS



NAME	STREET	CITY	STATE	ZIP CODE	PH
EDGARDO COLON	PO BOX145200	ARECIBO	PR	00614	787

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Small Quantity Generator

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
622110	GENERAL MEDICAL AND SURGICAL HOSPITALS

LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
U010	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8- [[AMINOCARBONYLOXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS- (1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
U056	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
U058	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
U059	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO- HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
U089	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
U150	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
U206	D-GLUCOSE, 2-DEOXY-2-[[METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
U237	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



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ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <[https://www.epa.gov/enviro/mobile-app](#)> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

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STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	CALLE JOSE DE DIEGO # 100	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_100 >
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Activity

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Municipality of Arecibo MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Municipality of Arecibo MS4 - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community MS4 - Carlos Villafane	Inspection/Evaluation	Active
Arecibo Municipality MS4 inspection - Carlos Villafane	Inspection/Evaluation	Active
Arecibo Municipality MS4 inspection - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community Storm Sewer Collection System	Administrative - Formal	Closed
Municipality of Arecibo	Administrative - Formal	Final Order Issued
	Permit	Active



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	MUNICIPALITY OF ARECIBO	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_perm
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No Contacts Found.

Permit Tracking

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Permit Tracking Events

No Events Found.

Inspections

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Municipality of Arecibo MS4 Inspection - Carlos Villafane	
Municipality of Arecibo MS4 Inspection - Carlos Villafane	04-NOV-2019
Municipality of Arecibo MS4 - Carlos Villafane	04-NOV-2019
Buenos Aires Community MS4 - Carlos Villafane	17-FEB-2010
Arecibo Municipality MS4 inspection - Carlos Villafane	24-SEP-2008
Arecibo Municipality MS4 inspection - Carlos Villafane	24-SEP-2008

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	MUNICIPALITY OF ARECIBO	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nm>
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Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	MUNICIPALITY OF ARECIBO	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_perm>
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No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	MUNICIPALITY OF ARECIBO	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_perm>
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	MUNICIPALITY OF ARECIBO	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_perm >
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	MUNICIPALITY OF ARECIBO	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_perm >
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No ICIS Pretreatment Performance Summary Information Found.

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Last updated on March 6, 2025



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ICIS Detailed Report

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Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	ARECIBO MUNICIPALITY	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nn >
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	NUMBER 100 JOSE DE DIEGO AVENUE	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic >
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	ARECIBO	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >
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STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	PR	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/perm >
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	00613	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >

REGION <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code>	Region 2	TYPE OF PERMIT ISSUED <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code>
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LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude>	-66.71642	PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/i
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MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>		
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MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	PUERTO RICO	
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COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telepho>

Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi>
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Activity Name <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description <https://epa.gov/envirofacts/metadata/colum>
	Permit	Active
Municipality of Arecibo MS4 Program Inspection/Evaluation - Pollution Prevention and IDDE (AR-CV)	Inspection/Evaluation	Active
Municipality of Arecibo MS4 Program and La Puntilla Stormwater Pump Station Inspection (AR-CV)	Inspection/Evaluation	Active
Municipality of Arecibo MS4 (Miramar Avenue PR-2) RI	Inspection/Evaluation	Active
Arecibo Municipality MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Arecibo Municipality MS4 - Carlos Villafane	Inspection/Evaluation	Active
Arecibo Municipality MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Arecibo Municipality MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Arecibo MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Arecibo MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active

Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_r
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No Contacts Found.**Permit Tracking**

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PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	05-SEP-2008	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>
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FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_r
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PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	15-JUN-2016	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	18-APR-2017	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/ret

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_
Permit Expiration	30-JUN-2021
Permit Effective	18-APR-2017
Permit Retired	17-APR-2017
Permit Issued	15-JUN-2016
Permit Reissued	15-JUN-2016
Permit Expiration	05-NOV-2011
Permit Effective	05-SEP-2008
Permit Issued	05-SEP-2008

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi

Inspection Type <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Date of Inspection <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_
Municipality of Arecibo MS4 Program Inspection/Evaluation - Pollution Prevention and IDDE (AR-CV)	07-MAY-2015
Municipality of Arecibo MS4 Program and La Puntilla Stormwater Pump Station Inspection (AR-CV)	07-MAY-2015
Municipality of Arecibo MS4 (Miramar Avenue PR-2) RI	02-FEB-2015
Arecibo Municipality MS4 Inspection - Carlos Villafane	18-SEP-2014
Arecibo Municipality MS4 - Carlos Villafane	05-MAR-2012
Arecibo Municipality MS4 Inspection - Carlos Villafane	25-MAY-2011
Arecibo Municipality MS4 Inspection - Carlos Villafane	25-MAY-2011
Arecibo MS4 Inspection - Carlos Villafane	23-MAR-2011

Inspection Type <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Date of Inspection <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_
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Outfalls/Pipe Schedules

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LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_colle
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_ref_d
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FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nm
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Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
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PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>		
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No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	ARECIBO MUNICIPALITY	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	ARECIBO MUNICIPALITY	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi >
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No ICIS Pretreatment Performance Summary Information Found.

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RCRAInfo Facility

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Facility Information

WALGREENS #1463
Handler ID: PRR000024984
446 AVE JUAN ROSADO
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.469774
Longitude: -66.715612
Hazardous Waste Generator: Very Small
Quantity Generator
Owner Name: PURICO SE

BIENNIAL REPORT SUMMARY

REPORT YEAR	GENERATION (Tons)	MANAGEMENT (Tons)	WASTE RECEIVED (Tons)	WASTE SHIPPED (Tons)	INCIN (Tons)
2017 <>	0.5			0.5	
2015 <>					



LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHOI
AMBER DURKIN	WILMOT ROAD 5TH FL MS1450	DEERFIELD	IL	60015	847-9
AMBER DURKIN	WILMOT ROAD 5TH FL MS1450	DEERFIELD	IL	60015	847-9



HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

No Handler information is available for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS



NAICS CODE	NAICS DESCRIPTION
44611	PHARMACIES AND DRUG STORES
424210	DRUGS AND DRUGGISTS' SUNDRIES MERCHANT WHOLESALERS
446110	PHARMACIES AND DRUG STORES

LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D007	CHROMIUM
D009	MERCURY
D010	SELENIUM
D016	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
D035	METHYL ETHYL KETONE
P001	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

WASTE CODE	WASTE DESCRIPTION
D075	NICOTINE & SALTS (OP) DVBDININE 2 (1 METHYL 2 DVBDOLIDINYL) (S) & SALTS

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Last updated on March 6, 2025



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RCRAInfo Facility

[Home <https://epa.gov/>](https://epa.gov/) | [Multisystem Search <https://epa.gov/envirofacts/multisystem/search>](https://epa.gov/envirofacts/multisystem/search) | [Topic Searches <https://www.epa.gov/enviro/topic-searches>](https://www.epa.gov/enviro/topic-searches) | [System Data Searches <https://www.epa.gov/enviro/system-data-searches>](https://www.epa.gov/enviro/system-data-searches) | [About the Data <https://www.epa.gov/enviro/about-data>](https://www.epa.gov/enviro/about-data) | [Data Downloads <https://www.epa.gov/enviro/data-downloads>](https://www.epa.gov/enviro/data-downloads) | [Widgets <https://www.epa.gov/enviro/widgets>](https://www.epa.gov/enviro/widgets) | [Services <https://www.epa.gov/enviro/web-services>](https://www.epa.gov/enviro/web-services) | [Mobile <https://www.epa.gov/enviro/uv-index-mobile-app>](https://www.epa.gov/enviro/uv-index-mobile-app) | [Other Datasets <https://www.epa.gov/enviro/other-datasets>](https://www.epa.gov/enviro/other-datasets)

Facility Information

NC TRANSMITION PARTS
Handler ID: PRD987381076
150 JUAN ROSADO AVE
ARECIBO, PR 00612
County Name: ARECIBO
Latitude: 18.469379
Longitude: -66.716114
Hazardous Waste Generator: Very Small
Quantity Generator
Owner Name: NC TRANSMITION PARTS

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS



NAME	STREET	CITY	STATE	ZIP CODE	PH
JOSE ROMAN	JUAN ROSADO	ARECIBO	PR	00612	787

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
81119	OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

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Facility Information

<p>CARIBBEAN RCCYCLING INC Handler ID: PRN008028235 415 JUAN ROSADO AVE ARECIBO, PR 00612 County Name: ARECIBO Latitude: 18.46981 Longitude: -66.71557 Hazardous Waste Generator: Owner Name:</p>
--

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PH
ANTONIO GONZALEZ					787

NAME	STREET	CITY	STATE	ZIP CODE	PH

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

No NAICS Codes are available for the facility listed above.

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025



Detailed Facility Report

Facility Summary

BUENOS AIRES COMMUNITY MS4

PO BOX 1086, ARECIBO, PR 00613

FRS (Facility Registry Service) ID: 110039184254

EPA Region: 02

Latitude: 18.471111

Longitude: -66.713333

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	11/16/2010
Compliance Status	Not Applicable
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): Non-Major, (PRU000525)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110039184254					N	18.471111	-66.713333
ICIS-NPDES	CWA	PRU000525	Non-Major: Unpermitted Facility				N	18.471111	66.713333

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110039184254	BUENOS AIRES COMMUNITY MS4	PO BOX 1086, ARECIBO, PR 00613	
ICIS-NPDES	CWA	PRU000525	BUENOS AIRES COMMUNITY MS4	PO BOX 1086, ARECIBO, PR 00613	Arecibo 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 Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline 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
CWA	PRU000525	No	12/31/2024	0	03/28/2025

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	QTR 13+
CWA	(Source ID: PRU000525)	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	01/01-03/28/25
	Facility-Level Status	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Quarterly Noncompliance Report History													

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?
210100020414	Rio Grande de Arecibo at mouth	--	No	No	--	Yes

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
PR	2022	PRNR7A1a	RIO SANTIAGO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	Not Supporting	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	Yes	Lead (2008)	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

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

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
----------	-------------

No data records returned

Community

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 2022 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	2,443
Population Density	1,321/sq.mi.
Housing Units in Area	1,771
Percent People of Color	100%
Households in Area	995
Households on Public Assistance	89
Persons With Low Income	2,091
Percent With Low Income	88%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.471111
Center Longitude	-66.713333
Total Area	--

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	115 (5%)
Minors 17 years and younger	420 (17%)
Adults 18 years and older	2,022 (83%)
Seniors 65 years and older	708 (29%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	1,310 (54%)
African-American	0 (0%)
Hispanic-Origin	2,439 (100%)
Asian	37 (2%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	8 (0%)
Other/Multiracial	454 (19%)

Geography	
Land Area	59%
Water Area	41%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	495 (49.7%)
\$15,000 - \$25,000	182 (18.27%)
\$25,000 - \$50,000	251 (25.2%)
\$50,000 - \$75,000	44 (4.42%)
Greater than \$75,000	24 (2.41%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	203 (11.04%)
9th through 12th Grade	161 (8.76%)
High School Diploma	482 (26.22%)
Some College/2-year	272 (14.8%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	507 (27.58%)



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ICIS Detailed Report

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Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	BUENOS AIRES COMMUNITY MS4	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmb >
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CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	ARECIBO	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >
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STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	PR	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status >
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	00613	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >
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LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude>	+18.471111	ORIGINAL PERMIT ISSUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>
LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude>	+66.713333	PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/iss>
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RECEIVING WATERS <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/state_water_body_name>		FEDERAL GRANT IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/federal_grant_flag>
PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	BUENOS AIRES COMMUNITY MS4	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_pe>
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MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	PUERTO RICO	
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	00613	

COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telephone>
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Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit>
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Municipality of Arecibo (MS4)	Judicial	Concluded
Arecibo's Buenos Aires Community MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community MS4 inspection - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community MS4 - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
Buenos Aires Community MS4 Inspection - Carlos Villafane	Inspection/Evaluation	Active
	Permit	Active

Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit>
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No Contacts Found.

Permit Tracking

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit>
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>
PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>		PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>		RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>

Permit Tracking Events

No Events Found.

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit>
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Inspection Type <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Date of Inspection <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/ac
Arecibo's Buenos Aires Community MS4 Inspection - Carlos Villafane	27-DEC-2010
Buenos Aires Community MS4 inspection - Carlos Villafane	27-SEP-2010
Buenos Aires Community MS4 - Carlos Villafane	27-SEP-2010
Buenos Aires Community MS4 Inspection - Carlos Villafane	23-JUN-2010
Buenos Aires Community MS4 Inspection - Carlos Villafane	23-JUN-2010

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_status/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measur
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_collect
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_ref_dat
INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>

PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_submission>
INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>
UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_number>
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>		
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>

No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
---	-------------------------------	--

No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
---	-------------------------------	--

No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	BUENOS AIRES COMMUNITY MS4	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permi
---	-------------------------------	--

No ICIS Pretreatment Performance Summary Information Found.

Contact Us <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts> to ask a question, provide feedback, or report a problem.

Last updated on March 6, 2025

Exhibit 6b. USTs Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



Exhibit 6b. UST Table

PR-CRP-000772

ID	Facility ID	Distance from Project Site	Direction from Project Site	Description
1	PR_16922-27076	0.41	NW	Name: SHELL #000418, Address: CARR 2 CALLE JOSE DE DIEGO 406, ARECIBO, Puerto Rico, Latitude 18.4724 Longitude -66.7247, Coordinate Source: State
2	PR_16961-27044	0.14	W	Name: TOTAL #115693, Address: CARR 2 AVE LLORENS TORRES 205 ESQ CRISTOBAL COLON, ARECIBO, Puerto Rico, Latitude: 18.4696 Longitude: -66.7210, Coordinate Source: State
3	PR_16966-27043	0.12	W	Name: TEXACO #500, Address: CARR 2 AVE LLORENS TORRES 289, ARECIBO, Puerto Rico, Latitude: 18.4695 Longitude: -66.7206, Coordinate Source: State
4	PR_16992-27019	0.14	S	Name: NUÑEZ SERVICE STATION, Address: CARR 10 AVE JUAN ROSADO 259, ARECIBO, Puerto Rico, Latitude: 18.4674 Longitude: -66.7181, Coordinate Source: State

Exhibit 6c: EDR Report

Arecibo Plaza Buenos Aires

Arecibo

Arecibo, PR 00612

Inquiry Number: 7413070.2s

August 09, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

ARECIBO
ARECIBO, PR 00612

COORDINATES

Latitude (North): 18.4691070 - 18° 28' 8.78"
Longitude (West): 66.7178520 - 66° 43' 4.26"
Universal Transverse Mercator: Zone 19
UTM X (Meters): 741002.1
UTM Y (Meters): 2043485.2
Elevation: 23 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12360416 ARECIBO, PR
Version Date: 2018

MAPPED SITES SUMMARY

Target Property Address:
 ARECIBO
 ARECIBO, PR 00612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NU EZ SERVICE STATIO	259 JUAN ROSADO AVE.	UST	Lower	347, 0.066, East
A2	RUIZ OLIVERO JUAN A	259 AVE JUAN ROSADO	EDR Hist Auto	Lower	359, 0.068, East
3	WALGREENS #1463	446 AVE JUAN ROSADO	RCRA-VSQQ, FINDS, ECHO	Lower	375, 0.071, South
A4	NC TRANSMITION PARTS	150 JUAN ROSADO AVE	RCRA-VSQQ, FINDS, ECHO	Lower	502, 0.095, East
B5	CAMPOS ESSO SERVICE	205 AVE LLORENS TORR	EDR Hist Auto	Lower	548, 0.104, WSW
B6	LABRADOR TORRES JOSE	266 AVE LLORENS TORR	EDR Hist Auto	Lower	591, 0.112, SW
7	SUPERMERCADO EL FARO	SANTIAGO IGLESIAS 15	UST	Lower	596, 0.113, NNE
C8	CARIBBEAN RCCYCLING	415 JUAN ROSADO AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	744, 0.141, ENE
C9	RICO GAS INC. - 5420	AVE. JUAN ROSADO #11	UST	Lower	864, 0.164, ENE
C10	S/S # 295	AVENIDA JUAN ROSADO	UST	Lower	913, 0.173, ENE
D11	CANTERA GREEN	CANTETERA #129 KM 7	ABANDONED MINES	Higher	1215, 0.230, NNE
D12	CANTERA GREEN		US MINES	Higher	1278, 0.242, NNE
E13	HOSPITAL REGIONAL DE	CALLE PALMA # 55	LUST	Higher	1278, 0.242, NNE
E14	HOSPITAL METROPOLITA	55 PALMA ST	RCRA-SQG	Higher	1278, 0.242, NNE
15	USARC ARECIBO		FUDS	Lower	2102, 0.398, NE
16	BEST FOODS CARIBBEAN	BO VIGIA EL MUELLE	SEMS-ARCHIVE, RCRA NonGen / NLR	Lower	2396, 0.454, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ROD..... Records Of Decision

RMP..... Risk Management Plans

RAATS..... RCRA Administrative Action Tracking System

PRP..... Potentially Responsible Parties

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
MINES MRDS.....	Mineral Resources Data System
PFAS TRIS.....	List of PFAS Added to the TRI

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 06/22/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEST FOODS CARIBBEAN</i> Site ID: 0202479 EPA Id: PRD091086637	<i>BO VIGIA EL MUELLE</i>	<i>WSW 1/4 - 1/2 (0.454 mi.)</i>	<i>16</i>	<i>105</i>

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOSPITAL METROPOLITA EPA ID:: PRR000021790	55 PALMA ST	NNE 1/8 - 1/4 (0.242 mi.)	E14	60

EXECUTIVE SUMMARY

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS #1463 EPA ID:: PRR000024984	446 AVE JUAN ROSADO	S 0 - 1/8 (0.071 mi.)	3	8
NC TRANSMITION PARTS EPA ID:: PRD987381076	150 JUAN ROSADO AVE	E 0 - 1/8 (0.095 mi.)	A4	14

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks.

A review of the LUST list, as provided by EDR, and dated 09/24/2020 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOSPITAL REGIONAL DE Facility Id: 88-0110	CALLE PALMA # 55	NNE 1/8 - 1/4 (0.242 mi.)	E13	60

Lists of state and tribal registered storage tanks

UST: UST Facilities.

A review of the UST list, as provided by EDR, and dated 01/01/2008 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NU EZ SERVICE STATIO Facility Id: 2-861628 Tank Status: Permanently Out of Use Tank Status: Currently In Use	259 JUAN ROSADO AVE.	E 0 - 1/8 (0.066 mi.)	A1	7
SUPERMERCADO EL FARO Facility Id: 2-940105 Tank Status: Permanently Out of Use	SANTIAGO IGLESIAS 15	NNE 0 - 1/8 (0.113 mi.)	7	49
RICO GAS INC. - 5420 Facility Id: 2-860154 Tank Status: Permanently Out of Use	AVE. JUAN ROSADO #11	ENE 1/8 - 1/4 (0.164 mi.)	C9	52
S/S # 295 Facility Id: 2-890184 Tank Status: Permanently Out of Use	AVENIDA JUAN ROSADO	ENE 1/8 - 1/4 (0.173 mi.)	C10	52

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARIBBEAN RCCYCLING EPA ID:: PRN008028235	415 JUAN ROSADO AVE	ENE 1/8 - 1/4 (0.141 mi.)	C8	49

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 05/08/2023 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARC ARECIBO		NE 1/4 - 1/2 (0.398 mi.)	15	104

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANTERA GREEN Database: MINES VIOLATIONS, Date of Government Version: 04/03/2023 Database: US MINES, Date of Government Version: 05/01/2023 Mine ID:: 5400141		NNE 1/8 - 1/4 (0.242 mi.)	D12	53

ABANDONED MINES: An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

A review of the ABANDONED MINES list, as provided by EDR, and dated 03/17/2023 has revealed that there is 1 ABANDONED MINES site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANTERA GREEN	CANTETERA #129 KM 7	NNE 1/8 - 1/4 (0.230 mi.)	D11	53

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RUIZ OLIVERO JUAN A	259 AVE JUAN ROSADO	E 0 - 1/8 (0.068 mi.)	A2	7
CAMPOS ESSO SERVICE	205 AVE LLORENS TORR	WSW 0 - 1/8 (0.104 mi.)	B5	48
LABRADOR TORRES JOSE	266 AVE LLORENS TORR	SW 0 - 1/8 (0.112 mi.)	B6	49

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
THERMO KING DE PUERTO RICO MANUFAC	CORRACTS, RCRA-TSDF, RCRA-LQG
ARECIBO DRUM SITE	SEMS-ARCHIVE
HECTOR NOLA S/S	LUST
ESSO 08118	LUST
ESSO S/S CO-117	LUST

OVERVIEW MAP - 7413070.2S



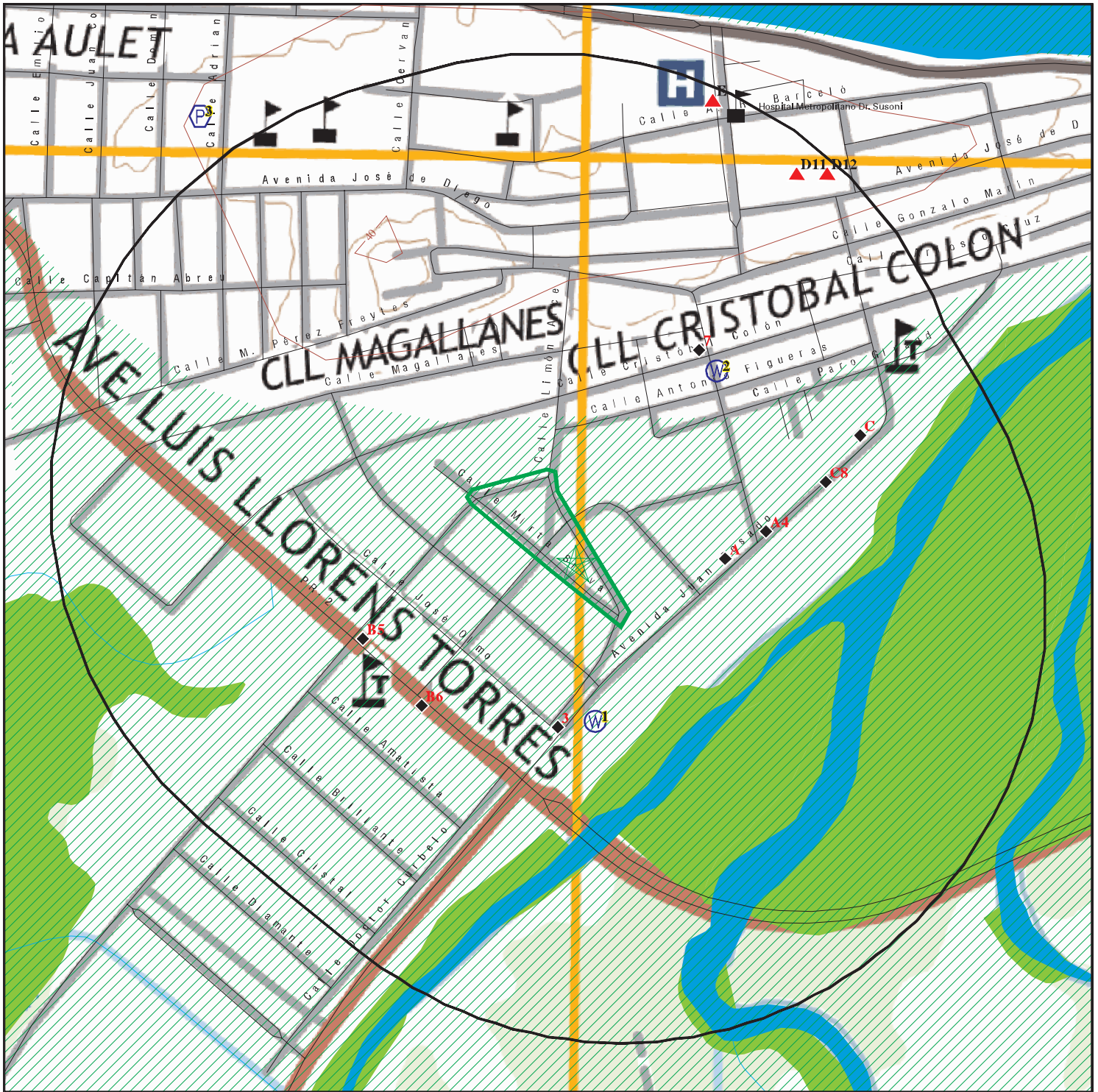
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Arecibo Plaza Buenos Aires
 ADDRESS: Arecibo
 Arecibo PR 00612
 LAT/LONG: 18.469107 / 66.717852

CLIENT: AVA Environmental Consultants Inc.
 CONTACT: Augusto Velazquez
 INQUIRY #: 7413070.2s
 DATE: August 09, 2023 6:16 pm

DETAIL MAP - 7413070.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Arecibo Plaza Buenos Aires
 ADDRESS: Arecibo
 Arecibo PR 00612
 LAT/LONG: 18.469107 / 66.717852

CLIENT: AVA Environmental Consultants Inc.
 CONTACT: Augusto Velazquez
 INQUIRY #: 7413070.2s
 DATE: August 09, 2023 6:17 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		2	0	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	1	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		2	2	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	1	0	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	1	NR	NR	NR	1
ABANDONED MINES	0.250		0	1	NR	NR	NR	1
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	7	7	2	0	0	16

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1
East
< 1/8
0.066 mi.
347 ft.

NU EZ SERVICE STATION
259 JUAN ROSADO AVE.
ARECIBO, PR 00612

Site 1 of 3 in cluster A

UST **U003430626**
 N/A

Relative:
Lower
Actual:
10 ft.

UST:

Facility ID:	2-861628
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861628
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861628
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861628
Tank Status:	Permanently Out of Use
Substance Description:	Gasoline
Facility ID:	2-861628
Tank Status:	Currently In Use
Substance Description:	Not reported
Facility ID:	2-861628
Tank Status:	Currently In Use
Substance Description:	Not reported

A2
East
< 1/8
0.068 mi.
359 ft.

RUIZ OLIVERO JUAN A
259 AVE JUAN ROSADO
ARECIBO, PR 00612

Site 2 of 3 in cluster A

EDR Hist Auto **1022142911**
 N/A

Relative:
Lower
Actual:
10 ft.

EDR Hist Auto

Year:	Name:	Type:
1996	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
1997	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
1998	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
1999	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
2000	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
2001	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
2002	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
2003	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC
2004	RUIZ OLIVERO JUAN A	Gasoline Service Stations, NEC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

3
South
< 1/8
0.071 mi.
375 ft.

WALGREENS #1463
446 AVE JUAN ROSADO
ARECIBO, PR 00612

RCRA-VSQG **1016976188**
FINDS **PRR000024984**
ECHO

Relative:
Lower
Actual:
8 ft.

RCRA Listings:	20221220
Date Form Received by Agency:	Walgreens #1463
Handler Name:	446 AVE JUAN ROSADO
Handler Address:	ARECIBO, PR 00612
Handler City,State,Zip:	PRR000024984
EPA ID:	AMBER DURKIN
Contact Name:	WILMOT ROAD 5TH FL MS1450
Contact Address:	DEERFIELD, IL 60015
Contact City,State,Zip:	847-964-8816
Contact Telephone:	Not reported
Contact Fax:	AMBER.DURKIN@WALGREENS.COM
Contact Email:	DIRECTOR, EH&S
Contact Title:	02
EPA Region:	Private
Land Type:	Conditionally Exempt Small Quantity Generator
Federal Waste Generator Description:	Not reported
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WILMOT ROAD 5TH FL MS1450
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	Purico Se
Owner Type:	Private
Operator Name:	Walgreen Of Puerto Rico Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D026
Waste Description:	Cresol
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	P001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

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

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

Waste Code: P105
Waste Description: Sodium Azide

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

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

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN CO
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN OF PUERTO RICO INC.
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: 200 WILMOT DR MAIL STOP #2273
Owner/Operator City,State,Zip: DEERFIELD, IL 60015
Owner/Operator Telephone: 847-964-8816
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AMBER.DURKIN@WALGREENS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PURICO SE
Legal Status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 13922
Owner/Operator City,State,Zip: SAN JUAN, PR 00908
Owner/Operator Telephone: 747-724-4050
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN OF PUERTO RICO INC.
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: 200 WILMOT DRIVE, MAIL STOP #2273
Owner/Operator City,State,Zip: DEERFIELD, IL 60015
Owner/Operator Telephone: 847-315-2812
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KIM.DASCOLI@WALGREENS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PURICO SE
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 13922
Owner/Operator City,State,Zip: SAN JUAN, PR 00908
Owner/Operator Telephone: 847-964-8816
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: AMBER.DURKIN@WALGREENS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN CO.
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN CO
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

Owner/Operator Indicator: Owner
Owner/Operator Name: PURICO SE
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 13922,
Owner/Operator City,State,Zip: SAN JUAN, PR 00908
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PURICO SE
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 13922
Owner/Operator City,State,Zip: SAN JUAN, PR 00908
Owner/Operator Telephone: 787-724-4050
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PURICO SE
Legal Status: Private
Date Became Current: 20060208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 13922
Owner/Operator City,State,Zip: SAN JUAN, PR 00908
Owner/Operator Telephone: 747-724-4050
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160427
Handler Name: WALGREENS #1463
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180404
Handler Name: WALGREENS #1463
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20141205
Handler Name: WALGREEN #1463
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150701
Handler Name: WALGREEN #1463
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20221220
Handler Name: WALGREENS #1463
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 424210
NAICS Description: DRUGS AND DRUGGISTS' SUNDRIES MERCHANT WHOLESALERS

NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 456110
NAICS Description: PHARMACIES AND DRUG RETAILERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #1463 (Continued)

1016976188

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110063381200

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070726920

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016976188
Registry ID: 110063381200
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110063381200>
Name: WALGREENS #1463
Address: 446 AVE JUAN ROSADO
City,State,Zip: ARECIBO, PR 00612

A4
East
< 1/8
0.095 mi.
502 ft.

NC TRANSMITION PARTS
150 JUAN ROSADO AVE
ARECIBO, PR 00612

RCRA-VSQG **1000801134**
FINDS **PRD987381076**
ECHO

Site 3 of 3 in cluster A

Relative: RCRA Listings:
Lower Date Form Received by Agency: 20080101
Actual: Handler Name: Nc Transmition Parts
10 ft. Handler Address: 150 JUAN ROSADO AVE
Handler City,State,Zip: ARECIBO, PR 00612
EPA ID: PRD987381076
Contact Name: JOSE ROMAN
Contact Address: JUAN ROSADO AVE
Contact City,State,Zip: ARECIBO, PR 00612
Contact Telephone: 787-878-2553
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	JUAN ROSADO AVE
Mailing City,State,Zip:	ARECIBO, PR 00612
Owner Name:	Nc Transmition Parts
Owner Type:	Private
Operator Name:	Nc Transmition Parts
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Waste Description: Ignitable Waste

Waste Code: D018

Waste Description: Benzene

Waste Code: D039

Waste Description: Tetrachloroethylene

Waste Code: D040

Waste Description: Trichlorethylene

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NC TRANSMITION PARTS
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: 150 JUAN ROSADO AVE
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-878-2553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NC TRANSMITION PARTS
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: 150 JUAN ROSADO AVE
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-878-2553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NC TRANSMITION PARTS
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: 150 JUAN ROSADO AVE
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-878-2553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NC TRANSMITION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: AVE JUAN ROSADO 150
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-878-2533
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NC TRANSMITION PARTS
Legal Status: Private
Date Became Current: 19791231
Date Ended Current: Not reported
Owner/Operator Address: 150 JUAN ROSADO AVE
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-878-2553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990811
Handler Name: N C TRANSMITION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: NC TRANSMITION PARTS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Pr
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080101
Handler Name: NC TRANSMITION PARTS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19981013
Handler Name: N C TRANSMITION

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

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

Receive Date: 20030513
Handler Name: NC TRANSMITION PARTS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81119
NAICS Description: OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080610
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	3000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	3000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070713
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071213
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20070706
Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070713
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20071113
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: 6000
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

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

Found Violation: Yes
 Agency Which Determined Violation: EPA
 Violation Short Description: Generators - General
 Date Violation was Determined: 20060825
 Actual Return to Compliance Date: 20061013
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: EPA
 Scheduled Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20060825
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2MB
Enforcement Responsible Sub-Organization: CEPD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20070706
Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070713
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 6000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20071213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706
Enforcement Identifier:	001
Date of Enforcement Action:	20070606
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080610
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	3000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	3000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706
Enforcement Identifier:	001
Date of Enforcement Action:	20070606
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080610
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	3000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	3000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20080610
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 3000
Paid Amount: Not reported
Final Count: 1
Final Amount: 3000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20071113
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20070706
Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070713
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20090916
Actual Return to Compliance Date:	20100222
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20091016

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EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20090916
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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

Map ID
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Database(s)

EDR ID Number
 EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070713
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

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Database(s)

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NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20080610
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 3000
Paid Amount: Not reported
Final Count: 1
Final Amount: 3000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080610
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	3000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	3000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20071113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706
Enforcement Identifier:	001
Date of Enforcement Action:	20070606
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EBAP
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070706

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Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070606
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20070606
Actual Return to Compliance Date: 20080610
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

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Database(s)

EDR ID Number
 EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	6000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20090916
Actual Return to Compliance Date:	20100222
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20091016
Enforcement Identifier:	001
Date of Enforcement Action:	20090916
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20070606
Actual Return to Compliance Date:	20080610
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Enforcement Identifier: 001
Date of Enforcement Action: 20070713
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EBAP
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 6000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20080610
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080610
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070209
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080610
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Evaluation Date: 20070209
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20071213
Scheduled Compliance Date: 20070706
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080610
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080610
Scheduled Compliance Date: 20070706
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070209
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20071113
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070606
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EBAP
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20080610
Scheduled Compliance Date: 20070706
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070209
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EBAP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990811
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PRLMR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060608
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MB
Evaluation Responsible Sub-Organization:	CEPD
Actual Return to Compliance Date:	20061013
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070606
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080610
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070606
Evaluation Responsible Agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080610
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070606
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMISSION PARTS (Continued)

1000801134

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090811
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100222
Scheduled Compliance Date:	20091016
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Evaluation Date:	20051202
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070606
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080610
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20071113
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080610
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	20070706
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070606
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090811
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100222
Scheduled Compliance Date:	20091016
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070209
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EBAP
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20080610
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NC TRANSMITION PARTS (Continued)

1000801134

Request Agency: Not reported
 Former Citation: Not reported

FINDS:

Registry ID: 110004890315

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000801134
 Registry ID: 110004890315
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004890315>
 Name: NC TRANSMITION PARTS
 Address: 150 JUAN ROSADO AVE
 City,State,Zip: ARECIBO, PR 00612

B5
WSW
 < 1/8
0.104 mi.
548 ft.

CAMPOS ESSO SERVICE GASOLINA
205 AVE LLORENS TORRES
ARECIBO, PR 00612

EDR Hist Auto 1021934448
N/A

Site 1 of 2 in cluster B

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
10 ft.	2006	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2007	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2008	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2009	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2010	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2011	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2012	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2013	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations
	2014	CAMPOS ESSO SERVICE GASOLINA	Gasoline Service Stations

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B6
SW
< 1/8
0.112 mi.
591 ft.

LABRADOR TORRES JOSE D
266 AVE LLORENS TORRES
ARECIBO, PR 00612

EDR Hist Auto

1022079805
N/A

Relative:
Lower

EDR Hist Auto

Actual:
13 ft.

Year:	Name:	Type:
1996	LABRADOR TORRES JOSE D	Gasoline Service Stations
1997	LABRADOR TORRES JOSE D	Gasoline Service Stations
1998	LABRADOR TORRES JOSE D	Gasoline Service Stations

7
NNE
< 1/8
0.113 mi.
596 ft.

SUPERMERCADO EL FARO
SANTIAGO IGLESIAS 154
ARECIBO, PR 00612

UST

U003431814
N/A

Relative:
Lower

UST:
Facility ID: 2-940105
Tank Status: Permanently Out of Use
Substance Description: Not Listed

Actual:
10 ft.

C8
ENE
1/8-1/4
0.141 mi.
744 ft.

CARIBBEAN RCCYCLING INC
415 JUAN ROSADO AVE
ARECIBO, PR 00612

RCRA NonGen / NLR
FINDS
ECHO

1018160058
PRN008028235

Relative:
Lower

Site 1 of 3 in cluster C

RCRA Listings:

Date Form Received by Agency:	20151006
Handler Name:	Caribbean Rccycling Inc
Handler Address:	415 JUAN ROSADO AVE
Handler City,State,Zip:	ARECIBO, PR 00612
EPA ID:	PRN008028235
Contact Name:	ANTONIO GONZALEZ
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	787-878-2835
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	OWNER
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PR 652 KM 1.2
Mailing City,State,Zip:	ARECIBO, PR 00613
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported

Actual:
9 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CARIBBEAN RCCYCLING INC (Continued)

1018160058

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20151006
Handler Name:	CARIBBEAN RCCYCLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARIBBEAN RCCYCLING INC (Continued)

1018160058

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:

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

Evaluation Action Summary:

Evaluation Date: 20150604
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2OSK
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CARIBBEAN RCCYCLING INC (Continued)

1018160058

FINDS:

Registry ID: 110066978462

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Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018160058
 Registry ID: 110066978462
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110066978462>
 Name: CARIBBEAN RCCYCLING INC
 Address: 415 JUAN ROSADO AVE
 City,State,Zip: ARECIBO, PR 00612

C9
ENE
 1/8-1/4
 0.164 mi.
 864 ft.

RICO GAS INC. - 54204700
AVE. JUAN ROSADO #113
ARECIBO, PR 00612
Site 2 of 3 in cluster C

UST U003429485
N/A

Relative:
Lower
Actual:
8 ft.

UST:
 Facility ID: 2-860154
 Tank Status: Permanently Out of Use
 Substance Description: Gasoline

C10
ENE
 1/8-1/4
 0.173 mi.
 913 ft.

S/S # 295
AVENIDA JUAN ROSADO # 100
ARECIBO, PR 00612
Site 3 of 3 in cluster C

UST U003431217
N/A

Relative:
Lower
Actual:
6 ft.

UST:
 Facility ID: 2-890184
 Tank Status: Permanently Out of Use
 Substance Description: Used Oil

 Facility ID: 2-890184
 Tank Status: Permanently Out of Use
 Substance Description: Gasoline

 Facility ID: 2-890184
 Tank Status: Permanently Out of Use
 Substance Description: Gasoline

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D11	CANTERA GREEN	ABANDONED MINES	1022896215
NNE	CANTETERA #129 KM 7 SECTOR JAYUYA		N/A
1/8-1/4	ARECIBO, PR 00612		

0.230 mi.
1215 ft. **Site 1 of 2 in cluster D**

Relative:	ABANDONED MINES:		
Higher	Mine ID:	5400141	
	Mine Name:	CANTERA GREEN	
Actual:	Mine Address:	CANTETERA #129 KM 7 SECTOR JAYUYA	
24 ft.	City, State, Zip:	ARECIBO, PR 00612	
	Primary SIC Code:	Crushed, Broken Limestone NEC	
	Mine Type:	Surface	
	Mine Status Description:	Abandoned	
	Mine Status Date:	8/23/2010	
	Coal (C) or Metal (M) Mine:	M	
	Controller ID:	M09472	
	Controller Name:	Adriel Colon Colon	
	Operator ID:	L12338	
	Operator name:	Cantera Green	
	Address of Record Street:	HC-02 Box 16520	
	Address of Record PO Box:	Not reported	
	Address of Record City:	Arecibo	
	Address of Record State:	PR	
	Address of Record Zip Code:	00612	
	Assessment Address Street:	HC-02 Box 16520	
	Assessment Address PO Box:	Not reported	
	Assessment Address City:	ARECIBO	
	Assessment Address State:	PR	
	Assessment Address Zip Code:	00612	
	Mine Health and Safety Address Street:	HC-02 Box 16520	
	Mine Health and Safety Address PO Box:	Not reported	
	Mine Health and Safety Address City:	Arecibo	
	Mine Health and Safety Address State:	PR	
	Mine Health and Safety Address Zip Code:	Not reported	
	Latitude:	18.4725	
	Longitude:	-66.715833	

D12	CANTERA GREEN	US MINES	1024928946
NNE	ARECIBO (County), PR		N/A
1/8-1/4			

0.242 mi.
1278 ft. **Site 2 of 2 in cluster D**

Relative:	US MINES:		
Higher	Sic Code(s):	142200	
	Sic Code(s):	000000	
Actual:	Sic Code(s):	000000	
23 ft.	Sic Code(s):	000000	
	Sic Code(s):	000000	
	Sic Code(s):	000000	
	Mine ID:	5400141	
	Entity Name:	CANTERA GREEN	
	Company:	CANTERA GREEN	
	Status:	Permanently Abandoned	
	Status Date:	20100823	
	Operation Class:	2	
	Number of Shops:	0	
	Number of Plants:	0	
	Latitude Degree:	18	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

Longitude Degree: 066
Latitude Minute: 28
Latitude Seconds: 21
Longitude Minutes: 42
Longitude Seconds: 56
Number of Pits: 000

MINES VIOLATIONS:

Name: CANTERA GREEN
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City,State,Zip: ARECIBO, PR 00612
Facility ID: Not reported

MINES VIOLATIONS:

Violation Number: 7798643
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 03/21/2002
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 04/26/2002
Title 30 Code of Federal Regulations: 56.11001
Proposed Penalty: 207.00
Assessment Amount: 207.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2002
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 7798644
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 03/21/2002
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 04/26/2002
Title 30 Code of Federal Regulations: 56.16005
Proposed Penalty: 55.00
Assessment Amount: 55.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2002
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6083302
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 10/31/2007
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 10/31/2007
Title 30 Code of Federal Regulations: 56.14107(a)
Proposed Penalty: 100.00
Assessment Amount: 100.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2007
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6083303
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 10/31/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 12/20/2007
Title 30 Code of Federal Regulations: 56.14109(b)(1)
Proposed Penalty: 807.00
Assessment Amount: 807.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2007
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6083304
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 10/31/2007
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 11/26/2007
Title 30 Code of Federal Regulations: 56.13015(a)
Proposed Penalty: 100.00
Assessment Amount: 100.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2007
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

State 2:	PR
County:	ARECIBO
Violation Number:	6081503
Mine ID:	5400141
Contractor ID:	Not reported
Date Issued:	06/08/2004
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	Not reported
Title 30 Code of Federal Regulations:	56.9100(b)
Proposed Penalty:	878.00
Assessment Amount:	878.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Proposed
Assessment Status:	Received
Year:	2004
Address Type:	MineLocation
PO Box:	Not reported
Address:	CANTETERA #129 KM 7 SECTOR JAYUYA
City:	ARECIBO
State:	PR
Operator:	Cantera Green
Zip:	00612
Mine Controller Name:	Adriel Colon Colon
Name:	CANTERA GREEN
Ownership Date:	10/16/1991
Mine Status:	Abandoned
Status Date:	08/23/2010
Primary Site Description:	Crushed, Broken Limestone NEC
Mine Type:	Surface
State 2:	PR
County:	ARECIBO
Violation Number:	6081504
Mine ID:	5400141
Contractor ID:	Not reported
Date Issued:	06/08/2004
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	06/18/2004
Title 30 Code of Federal Regulations:	46.9(a)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Proposed
Assessment Status:	Received
Year:	2004
Address Type:	MineLocation
PO Box:	Not reported
Address:	CANTETERA #129 KM 7 SECTOR JAYUYA
City:	ARECIBO
State:	PR
Operator:	Cantera Green
Zip:	00612

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6081914
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 12/29/2004
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 12/29/2004
Title 30 Code of Federal Regulations: 56.11012
Proposed Penalty: 99.00
Assessment Amount: 99.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2004
Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6081915
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 12/29/2004
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 03/03/2005
Title 30 Code of Federal Regulations: 56.20011
Proposed Penalty: 60.00
Assessment Amount: 60.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTERA GREEN (Continued)

1024928946

Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6081916
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 12/29/2004
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 03/03/2005
Title 30 Code of Federal Regulations: 56.14201(b)
Proposed Penalty: 60.00
Assessment Amount: 60.00
Paid Penalty Amount: 0.00
Assessment Case Status: Proposed
Assessment Status: Received
Year: 2004

Address Type: MineLocation
PO Box: Not reported
Address: CANTETERA #129 KM 7 SECTOR JAYUYA
City: ARECIBO
State: PR
Operator: Cantera Green
Zip: 00612
Mine Controller Name: Adriel Colon Colon
Name: CANTERA GREEN
Ownership Date: 10/16/1991
Mine Status: Abandoned
Status Date: 08/23/2010
Primary Site Description: Crushed, Broken Limestone NEC
Mine Type: Surface
State 2: PR
County: ARECIBO

Violation Number: 6081917
Mine ID: 5400141
Contractor ID: Not reported
Date Issued: 12/29/2004
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 03/03/2005

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CANTERA GREEN (Continued)

1024928946

Title 30 Code of Federal Regulations: 56.11001
 Proposed Penalty: 165.00
 Assessment Amount: 165.00
 Paid Penalty Amount: 0.00
 Assessment Case Status: Proposed
 Assessment Status: Received
 Year: 2004
 Address Type: MineLocation
 PO Box: Not reported
 Address: CANTETERA #129 KM 7 SECTOR JAYUYA
 City: ARECIBO
 State: PR
 Operator: Cantera Green
 Zip: 00612
 Mine Controller Name: Adriel Colon Colon
 Name: CANTERA GREEN
 Ownership Date: 10/16/1991
 Mine Status: Abandoned
 Status Date: 08/23/2010
 Primary Site Description: Crushed, Broken Limestone NEC
 Mine Type: Surface
 State 2: PR
 County: ARECIBO

[Click this hyperlink](#) while viewing on your computer to access
 34 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

E13
NNE
1/8-1/4
0.242 mi.
1278 ft.

HOSPITAL REGIONAL DE ARECIBO
CALLE PALMA # 55
ARECIBO, PR
Site 1 of 2 in cluster E

LUST S106917784
N/A

Relative:
Higher
Actual:
33 ft.

PR LUST:
 Name: HOSPITAL REGIONAL DE ARECIBO
 Address: CALLE PALMA # 55
 City,State,Zip: ARECIBO, PR
 Facility ID: 88-0110
 Status: INACTIVE
 Released: Yes
 Released Date: 21-Apr-05
 How Known: Unknown
 Date Known: Unknown
 Owner Name: Dept. de Salud de PR

E14
NNE
1/8-1/4
0.242 mi.
1278 ft.

HOSPITAL METROPOLITANO DR SUSONI
55 PALMA ST
ARECIBO, PR 00612
Site 2 of 2 in cluster E

RCRA-SQG 1011491076
PRR000021790

Relative:
Higher
Actual:
33 ft.

RCRA Listings:
 Date Form Received by Agency: 20210825
 Handler Name: Hospital Metropolitano Dr Susoni
 Handler Address: 55 PALMA ST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Handler City,State,Zip:	ARECIBO, PR 00612
EPA ID:	PRR000021790
Contact Name:	EDGARDO COLON
Contact Address:	PO BOX145200
Contact City,State,Zip:	ARECIBO, PR 00614
Contact Telephone:	787-650-1030 x1755
Contact Fax:	Not reported
Contact Email:	ECOLON@HOSPITALDRSUSONI.COM
Contact Title:	SAFETY OFFICER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 145200
Mailing City,State,Zip:	ARECIBO, PR 00614
Owner Name:	Hospital Dr.Susoni Inc
Owner Type:	Private
Operator Name:	Hospital Dr.Susoni Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210825

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Hazardous Waste Summary:

Waste Code:	U010
Waste Description:	Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1alpha, 8beta, 8alpha, 8balpha)]- (Or) Mitomycin C
Waste Code:	U056
Waste Description:	Benzene, Hexahydro- (I) (Or) Cyclohexane (I)
Waste Code:	U058
Waste Description:	2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide
Waste Code:	U059
Waste Description:	5,12-Naphthacenedione, 8-Acetyl-10-[[[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxohexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin
Waste Code:	U089
Waste Description:	Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-
Waste Code:	U150
Waste Description:	L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan
Waste Code:	U206
Waste Description:	D-Glucose, 2-Deoxy-2-[[[(Methylnitrosoamino)-Carbonyl]Amino]- (Or) Glucopyranose, 2-Deoxy-2-(3-Methyl-3-Nitrosoureido)-,D- (Or) Streptozotocin
Waste Code:	U237
Waste Description:	2,4-(1h,3h)-Pyrimidinedione, 5-[Bis(2-Chloroethyl)Amino]- (Or) Uracil Mustard

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOSPITAL DR.SUSONI INC
Legal Status:	Private
Date Became Current:	19450821
Date Ended Current:	Not reported
Owner/Operator Address:	55 PALMA ST
Owner/Operator City,State,Zip:	ARECIBO, PR 00612
Owner/Operator Telephone:	787-650-1030
Owner/Operator Telephone Ext:	1755
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Owner/Operator Email: ECOLON@HOSPITALDRSUSONI.COM
Owner/Operator Indicator: Owner
Owner/Operator Name: HOSPITAL DR.SUSONI INC
Legal Status: Private
Date Became Current: 19450821
Date Ended Current: Not reported
Owner/Operator Address: 55 PALMA ST
Owner/Operator City,State,Zip: ARECIBO, PR 00612
Owner/Operator Telephone: 787-650-1030
Owner/Operator Telephone Ext: 1755
Owner/Operator Fax: Not reported
Owner/Operator Email: ECOLON@HOSPITALDRSUSONI.COM

Historic Generators:

Receive Date: 20080813
Handler Name: HOSPITAL METROPOLITANO DR SUSONI
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20080812
Handler Name: HOSPITAL METROPOLITANO DR SUSONI
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210825
Handler Name: HOSPITAL METROPOLITANO DR SUSONI
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 622110

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080416
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: EJJL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20081114
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

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MAP FINDINGS

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Database(s)

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EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported

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EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	1
Final Amount:	10000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 16000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported

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EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

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EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100702
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20081114
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 16000
Final Monetary Amount: Not reported
Paid Amount: Not reported

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EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported

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Database(s)

EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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Database(s)

EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10000
Paid Amount: Not reported
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20100702
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20081114
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: EJLL
Enforcement Responsible Sub-Organization: PRHWCD
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 16000
Final Monetary Amount: Not reported
Paid Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20100702
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

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Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20080416
Actual Return to Compliance Date:	20100702
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080416
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	EJLL
Enforcement Responsible Sub-Organization:	PRHWCD
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100702
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100913
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL

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HOSPITAL METROPOLITANO DR SUSONI (Continued)

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Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20121218
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ECRO
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071206
Evaluation Responsible Agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080416
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EJLL
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: 20100702

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSPITAL METROPOLITANO DR SUSONI (Continued)

1011491076

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EJLL
Evaluation Responsible Sub-Organization:	PRHWCD
Actual Return to Compliance Date:	20100702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

15
NE
1/4-1/2
0.398 mi.
2102 ft.

USARC ARECIBO
NO CITY, PR

FUDS 1024902213
N/A

Relative:
Lower
Actual:
10 ft.

FUDS:	
EPA Region:	02
Installation ID:	PR29799F417200
Congressional District Number:	98
Name:	USARC ARECIBO
FUDS Number:	I02PR0559
City:	NO CITY
State:	PR
County:	ARECIBO
Object ID:	5363
USACE Division:	SAD
USACE District:	Jacksonville District (SAJ)
Status:	Properties without projects
Current Owner:	LOCAL: CITY ARECIBO
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=60318
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not reported
Project Required:	No
Feature Description:	In 1955, the Army acquired 0.22 of an acre for establishment of a reserve facility. In 1960, the property was disposed of by quitclaim deed to the Municipality of Arecibo
Latitude:	18.47277778
Longitude:	-66.71277778

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

16
WSW
1/4-1/2
0.454 mi.
2396 ft.

BEST FOODS CARIBBEAN INC
BO VIGIA EL MUELLE
ARECIBO, PR 00612

SEMS-ARCHIVE 1015736330
RCRA NonGen / NLR PRD091086637

Relative:
Lower
Actual:
10 ft.

SEMS Archive:
Site ID: 0202479
EPA ID: PRD091086637
Name: BEST FOODS - CARIBBEAN INC
Address: BO VIGIA SEC MUELLE
Address 2: Not reported
City,State,Zip: VIGIA WARD EL MUELLE, PR 00612
Cong District: Not reported
FIPS Code: 72013
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 02
Site ID: 0202479
EPA ID: PRD091086637
Site Name: BEST FOODS - CARIBBEAN INC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1985-01-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0202479
EPA ID: PRD091086637
Site Name: BEST FOODS - CARIBBEAN INC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202479
EPA ID: PRD091086637
Site Name: BEST FOODS - CARIBBEAN INC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST FOODS CARIBBEAN INC (Continued)

1015736330

Start Date: 1985-01-01 06:00:00
Finish Date: 1985-01-01 06:00:00
Qual: N
Current Action Lead: St Perf

RCRA Listings:

Date Form Received by Agency: 20080101
Handler Name: Best Foods Caribbean Inc
Handler Address: BO VIGIA EL MUELLE
Handler City,State,Zip: ARECIBO, PR 00612
EPA ID: PRD091086637
Contact Name: ROBERTO RIVERA
Contact Address: PO BOX 6536
Contact City,State,Zip: ARECIBO, PR 00612
Contact Telephone: 787-878-4890
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 6536
Mailing City,State,Zip: ARECIBO, PR 00612
Owner Name: Best Foods Caribbean Inc
Owner Type: Private
Operator Name: Best Foods Caribbean Inc
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRC Permit Baseline: Not on the Baseline
2018 GPRC Renewals Baseline: Not on the Baseline
202 GPRC Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST FOODS CARIBBEAN INC (Continued)

1015736330

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

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

Waste Code:	U002
Waste Description:	2-Propanone (l) (Or) Acetone (l)

Waste Code:	U140
Waste Description:	1-Propanol, 2-Methyl- (l,T) (Or) Isobutyl Alcohol (l,T)

Waste Code:	U211
Waste Description:	Carbon Tetrachloride (Or) Methane, Tetrachloro-

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEST FOODS CARIBBEAN INC
Legal Status:	Private
Date Became Current:	16000101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEST FOODS CARIBBEAN INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST FOODS CARIBBEAN INC (Continued)

1015736330

Legal Status: Private
Date Became Current: 16000101
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BEST FOODS CARIBBEAN INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

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

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

Receive Date: 19800818
Handler Name: BEST FOODS CARIBBEAN INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST FOODS CARIBBEAN INC (Continued)

1015736330

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

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST FOODS CARIBBEAN INC (Continued)

1015736330

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

Evaluation Action Summary:

Evaluation Date: 20091124
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ECRO
Evaluation Responsible Sub-Organization: PRHWCD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920901
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: PRNRS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ARECIBO	S101442935	HECTOR NOLA S/S	AVE LLORENS TORRES 289		LUST
ARECIBO	S106917699	ESSO 08118	AVE LLORENS TORRES 205		LUST
ARECIBO	S106917698	ESSO S/S CO-117	#253 JUAN ROSADO AVE.		LUST
ARECIBO	1003864428	ARECIBO DRUM SITE	STATE ROAD # 2KM. 63.8	00612	SEMS-ARCHIVE
URB VICTOR ROJAS 2	1024743754	THERMO KING DE PUERTO RICO MANUFAC	517 ZENO GANDIA INDUSTRIAL PAR	00612	CORRACTS, RCRA-TSDF, RCRA-LQ

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/25/2023	Source: Department of the Navy
Date Data Arrived at EDR: 05/31/2023	Telephone: 843-820-7326
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/21/2023

Telephone: 202-267-2180

Date Made Active in Reports: 05/30/2023

Last EDR Contact: 06/20/2023

Number of Days to Update: 70

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Source: Environmental Quality Board

Date Data Arrived at EDR: N/A

Telephone: 787-767-8181

Date Made Active in Reports: N/A

Last EDR Contact: 08/22/2005

Number of Days to Update: N/A

Next Scheduled EDR Contact: 11/21/2005

Data Release Frequency: N/A

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/24/2020

Source: Environmental Quality Board

Date Data Arrived at EDR: 02/09/2021

Telephone: 787-767-8056

Date Made Active in Reports: 05/04/2021

Last EDR Contact: 07/20/2023

Number of Days to Update: 84

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023

Source: EPA Region 10

Date Data Arrived at EDR: 05/09/2023

Telephone: 206-553-2857

Date Made Active in Reports: 07/14/2023

Last EDR Contact: 07/17/2023

Number of Days to Update: 66

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023

Source: EPA Region 1

Date Data Arrived at EDR: 05/09/2023

Telephone: 617-918-1313

Date Made Active in Reports: 07/14/2023

Last EDR Contact: 07/17/2023

Number of Days to Update: 66

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facilities

Underground storage tank site locations.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 03/26/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 28

Source: Environmental Quality Board
Telephone: 787-767-8056
Last EDR Contact: 07/20/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/13/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 06/12/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/21/2023	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 07/12/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/25/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/05/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/26/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/24/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-603-8787
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/17/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 74

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 187

Source: Environmental Quality Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ARECIBO PLAZA BUENOS AIRES
ARECIBO
ARECIBO, PR 00612

TARGET PROPERTY COORDINATES

Latitude (North): 18.469107 - 18° 28' 8.79"
Longitude (West): 66.717852 - 66° 43' 4.27"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 741002.1
UTM Y (Meters): 2043485.2
Elevation: 23 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 12360416 ARECIBO, PR
Version Date: 2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

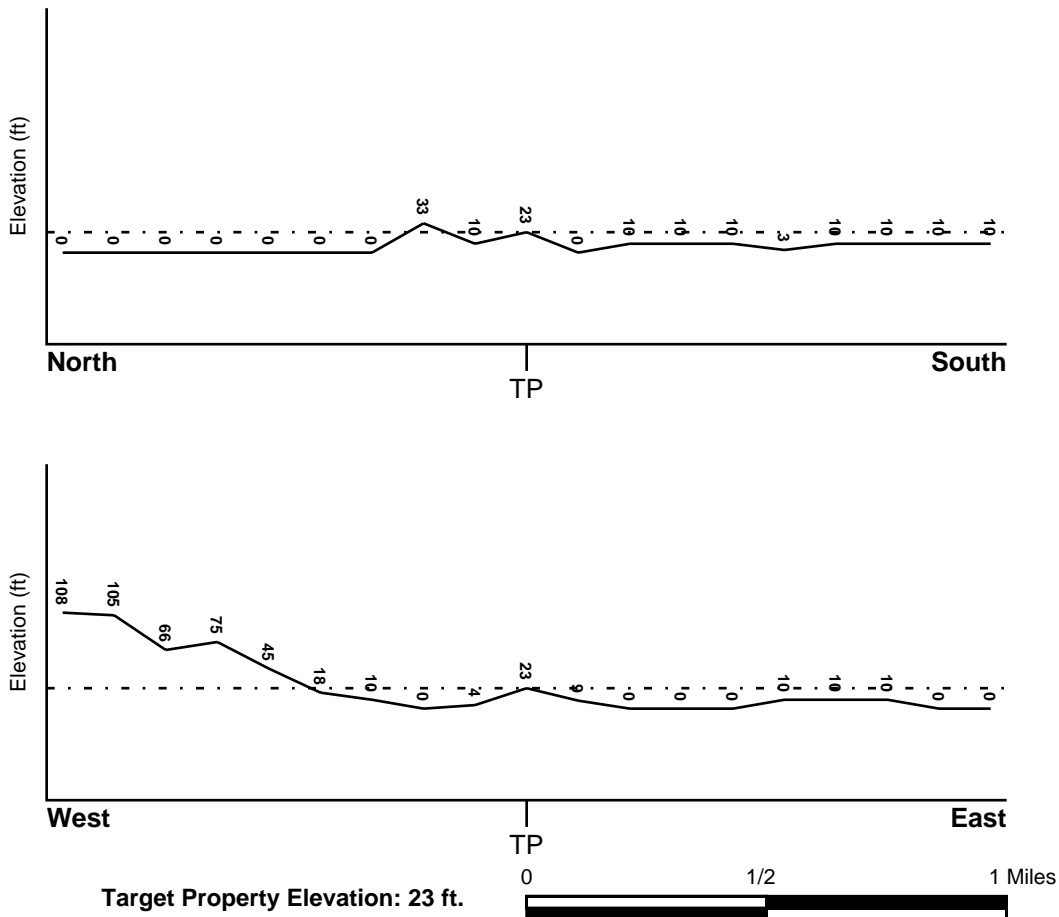
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
720000030C	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: -
System: -
Series: -
Code: N/A (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: TOA

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
2	8 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
3	29 inches	64 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay
clay
loam
gravelly - silt loam
extremely gravelly - sand
sand

Surficial Soil Types: silty clay
clay
loam
gravelly - silt loam
extremely gravelly - sand
sand

Shallow Soil Types: loam
silty clay

Deeper Soil Types: clay
sandy loam
silty clay
stratified
extremely gravelly - sand
coarse sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001046654	0 - 1/8 Mile South
2	USGS40001046675	1/8 - 1/4 Mile NE
4	USGS40001046648	1/2 - 1 Mile West
5	USGS40001046650	1/2 - 1 Mile East
A6	USGS40001046680	1/2 - 1 Mile West
A7	USGS40001046681	1/2 - 1 Mile West
B8	USGS40001046508	1/2 - 1 Mile South
B9	USGS40001046509	1/2 - 1 Mile South
10	USGS40001046507	1/2 - 1 Mile SSE
11	USGS40001046564	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	PR0002802	1/4 - 1/2 Mile NW

Note: PWS System location is not always the same as well location.

PHYSICAL SETTING SOURCE MAP - 7413070.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: Arecibo Plaza Buenos Aires
 ADDRESS: Arecibo
 Arecibo PR 00612
 LAT/LONG: 18.469107 / 66.717852

CLIENT: AVA Environmental Consultants Inc.
 CONTACT: Augusto Velazquez
 INQUIRY #: 7413070.2s
 DATE: August 09, 2023 6:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
South
0 - 1/8 Mile
Lower

FED USGS USGS40001046654

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	SUREDA WELL, ARECIBO, PR	Type:	Well
Description:	Not Reported	HUC:	21010002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1946
Well Depth:	112	Well Depth Units:	ft
Well Hole Depth:	112	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-07-17
Feet below surface:	6.73	Feet to sea level:	Not Reported
Note:	Not Reported		

2
NE
1/8 - 1/4 Mile
Lower

FED USGS USGS40001046675

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	GMAR WELL, ARECIBO, PR	Type:	Well
Description:	Not Reported	HUC:	21010002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1921
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

3
NW
1/4 - 1/2 Mile
Higher

FRDS PWS PR0002802

Epa region:	02	State:	PR
Pwsid:	PR0002802	Pwsname:	JOBALES
Cityserved:	Not Reported	Stateserved:	PR
Zipserved:	Not Reported	Fipscounty:	72013
Status:	Closed	Retpopsrvd:	4096
Pwssvconn:	1024	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	JOBALES	Contactorgname:	JOBALES
Contactphone:	787-620-2277	Contactaddress1:	CARR. 628 KM. 0.0
Contactaddress2:	Not Reported	Contactcity:	ARECIBO
Contactstate:	PR	Contactzip:	00612
Pwsactivitycode:	I		

Pwsid:	PR0002802	Facid:	1107
Facname:	JOVALES 4	Factype:	Treatment_plant

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	PR0002802	Facid:	582
Facname:	JOVALES 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	PR0002802	Facid:	806
Facname:	JOVALES 2	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	PR0002802	Facid:	919
Facname:	JOVALES 3	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
PWS ID:	PR0002802	PWS name:	JOBALES
Address:	Not Reported	Care of:	CARR. 628 KM. 0.0
City:	ARECIBO	State:	PR
Zip:	00612	Owner:	JOBALES
Source code:	Ground water	Population:	1600
PWS ID:	PR0002802	PWS type:	System Owner/Responsible Party
PWS name:	JOBALES	PWS address:	P.O. BOX 7066
PWS address:	BO. OBRERO STATION	PWS city:	SANTURCE
PWS state:	PR	PWS zip:	00916
County:	ARECIBO	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, POST
Population:	2840		
PWS ID:	PR0002802	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00001300	System name:	JOBALES
System address:	CARR. 628 KM. 0.0	System city:	ARECIBO
System state:	PR	System zip:	00612
County FIPS:	Not Reported	City served:	JOVALES
County FIPS:	Not Reported	City served:	ARECIBO
Population served:	1,001 - 2,500 Persons	Treatment:	Treated
Latitude:	182830	Longitude:	0664318
Latitude:	182203	Longitude:	0663638
Latitude:	182254	Longitude:	0663855
Latitude:	182250	Longitude:	0662409
Latitude:	182251	Longitude:	0663727
Violation id:	5462201	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2001
Cmp edt:	05/31/2001		
Violation id:	6303804	Orig code:	S
State:	PR	Violation Year:	2003
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2003
Cmp edt:	10/31/2003		
Violation id:	6303805	Orig code:	S
State:	PR	Violation Year:	2006
Contamination code:	2950	Contamination Name:	TTHM
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	09/30/2006		
Violation id:	6303806	Orig code:	S
State:	PR	Violation Year:	2006
Contamination code:	2456	Contamination Name:	Total Haloacetic Acids (HAA5)
Violation code:	27	Violation name:	Monitoring and Reporting (DBP)
Rule code:	210	Rule name:	St1 DBP
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	09/30/2006		
Violation ID:	4513300	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/08/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	4513400	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/08/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	4513500	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/08/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	5462201	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/19/2001
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6303804	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/09/2004
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6303805	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/15/2007
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6303805	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	02/26/2008
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6303806	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/15/2007

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6303806	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	02/26/2008
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

4
West
1/2 - 1 Mile
Higher

FED USGS USGS40001046648

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	GINORIO WELL, ARECIBO, PR	Type:	Well
Description:	Not Reported	HUC:	21010002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1955
Well Depth:	70	Well Depth Units:	ft
Well Hole Depth:	75	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:		1	Level reading date:
Feet below surface:	35		1955
Note:	Not Reported	Feet to sea level:	Not Reported

5
East
1/2 - 1 Mile
Lower

FED USGS USGS40001046650

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PIEZOMETER 1, ARECIBO, PR		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	21010002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	21	Well Depth Units:	ft
Well Hole Depth:	25	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:		10	Level reading date:
Feet below surface:	3.76		1982-09-03
Note:	Not Reported	Feet to sea level:	Not Reported
Level reading date:	1982-07-30	Feet below surface:	3.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-27	Feet below surface:	3.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-23	Feet below surface:	4.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-19	Feet below surface:	4.56
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1982-07-12	Feet below surface:	4.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-09	Feet below surface:	4.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-06	Feet below surface:	3.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-02	Feet below surface:	3.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-02	Feet below surface:	3.75
Feet to sea level:	Not Reported		
Note:	The well was destroyed (no water level is recorded).		

A6
West
1/2 - 1 Mile
Higher

FED USGS USGS40001046680

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	CRR WELL, ARECIBO, PR	Type:	Well
Description:	GROUND WATER SITE INVENTORY (DNR-FRANCHISE)		
HUC:	21010002	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A7
West
1/2 - 1 Mile
Higher

FED USGS USGS40001046681

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	CASCADA DEL NORTE WELL, ARECIBO, PR		
Type:	Well		
Description:	GROUND WATER SITE INVENTORY (DNR-FRANCHISE)		
HUC:	21010002	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B8
South
1/2 - 1 Mile
Lower

FED USGS USGS40001046508

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	LAS MERCEDES WELL, ARECIBO, PR		
Type:	Well	Description:	Not Reported
HUC:	21010002	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	125
Well Depth Units:	ft	Well Hole Depth:	125
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1959-12-28
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

B9
South
1/2 - 1 Mile
Lower

FED USGS USGS40001046509

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	CAMBALACHE 2 WELL, ARECIBO, PR		
Type:	Well	Description:	Not Reported
HUC:	21010002	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	125
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1959-12-28
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

10
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001046507

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PIEZOMETER 3, ARECIBO, PR		
Description:	Not Reported	Type:	Well
Drainage Area:	Not Reported	HUC:	21010002
Contrib Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer Type:	Not Reported	Formation Type:	Not Reported
Well Depth:	33	Construction Date:	1982
		Well Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth:	33	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	11	Level reading date:	1982-09-03
Feet below surface:	9.66	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1982-07-30	Feet below surface:	9.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-27	Feet below surface:	9.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-23	Feet below surface:	9.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-19	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-16	Feet below surface:	9.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-12	Feet below surface:	9.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-09	Feet below surface:	9.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-06	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-02	Feet below surface:	9.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-02	Feet below surface:	9.12
Feet to sea level:	Not Reported		
Note:	The well was destroyed (no water level is recorded).		

**11
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40001046564

Organization ID:	USGS-PR	Description:	Not Reported
Organization Name:	USGS Puerto Rico Water Science Center	Drainage Area:	Not Reported
Monitor Location:	HATO ABAJO 2 WELL, ARECIBO, PR	Contrib Drainage Area:	Not Reported
Type:	Well	Aquifer:	Not Reported
HUC:	21010002	Aquifer Type:	Unconfined single aquifer
Drainage Area Units:	Not Reported	Well Depth:	164
Contrib Drainage Area Unts:	Not Reported	Well Hole Depth:	164
Formation Type:	Not Reported		
Construction Date:	19600401		
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1960-04-01
Feet below surface:	13	Feet to sea level:	Not Reported
Note:	Not Reported		

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON**

AREA RADON INFORMATION

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Annette M. Fernandez <avaenvironmental@gmail.com>

Solicitud de Informacion para estudio FASE 1 - Plaza Buenos Aires, Arecibo

Pedro Guevara Lopez <pedroguevara@drna.pr.gov>
To: "Annette M. Fernandez" <avaenvironmental@gmail.com>
Cc: Luz E Nieves Rodriguez <luznieves@drna.pr.gov>

Mon, Sep 11, 2023 at 10:59 AM

Ing. Annette M. Fernandez Rosario

AVA Environmental Consultants

Asunto: Plaza Buenos Aires, Arecibo

Saludos,

El 5 de septiembre de 2023 nos cursó al Área de Contaminación de Terrenos del DRNA una consulta sobre si a un radio de .5 millas de distancia del lugar de referencia existe o había existido algún vertedero o algún Sistema de Relleno Sanitario (SRS) para el manejo de los desperdicios sólidos. Luego de revisar nuestros expedientes electrónicos sobre la ubicación de SRS en operación y en cierre no hemos encontrado algún registro sobre la ubicación de este tipo de instalaciones en el lugar indicado, ni tampoco en su periferia a ½ milla de distancia. Esperamos que esta información le sea útil para su investigación ambiental. De tener alguna inquietud sobre este asunto, no dude en comunicarse con nosotros.

Cordialmente,**Pedro F. Guevara López**

Jefe Interino, División de Permisos Desperdicios No Peligrosos

Área Contaminación de Terrenos

T. (787) 999-2200 Ext. 6217 | E. pedroguevara@drna.pr.gov

INACTIVE SITES LUST LIST

2020

UST ID	NAME	CITY	ADDRESS	OWNER	DTKNOWN	HOWKNOWN	DT-RELEASED
87-0010	Carib Inn Hotel	Carolina	Ave. Gobernadores	Carib Inn Hotel	6-Dec-99	UST Removal	23-Dec-95
87-0013	Shell #3867	Canóvanas	Carr. 3 Km. 11.2	Shell Company (P.R.) Limited	11-Jun-99	Spill Suspect	12-Mar-04
87-0020	Arecibo Job Corps	Arecibo	Carr 682 km6.6	Arecibo Job Corps	Unknown	Unknown	25-Dec-95
87-0026	Borinquen Biscuit	Yauco	Carr 376 km 0.2	Borinquen Biscuit Corp.	30-Aug-99	Unknown	30-Oct-00
88-0002	Francisco Caban S/S 607	Moca	Carr. 111 Km. 5	Texaco Puerto Rico, Inc.	16-Sep-96	Product in MW	30-Sep-04
88-0004	Texaco #397	Naranjito	PR 164 Km. 4.9	Texaco Puerto Rico	2-Mar-98	UST Removal	16-Feb-06
88-0008	Hospital HIMA San Pablo	Bayamón	Calle Sta. Cruz # 70	Hospital San Pablo, Inc.	Unknown	Unknown	Unknown
88-0011	San Juan Oil, Co.	Carolina	Calle 272 BLQ. 1-C/Solar 2 Tercera Ext. Ind. Country C	San Juan Oil, Co.	1-Jul-99	UST Removal	14-Sep-01
88-0013	Citgo La Muda	Guaynabo	Carr. 1 Km. 23.1/La Muda	Arecibo, San Juan, Investment Inc.	Unknown	Spill Suspect	1-Jul-03
88-0017	Orange Crush	Bayamón	Carr. 174 Km. 2.1	Orange Crush de P.R.	22-Feb-96	Unknown	6-Sep-00
88-0061	Unknown	Corozal	Unknown	Empire Textile	1-Oct-91	UST Removal	2-Jan-96
88-0065	Tejidos Coamo, Inc.	Coamo	Carr 14 km 4.5	Tejidos Coamo, Inc.	Unknown	UST Removal	1/3/1996/9 ago 94
88-0066	Unknown	San Juan	Unknown	Crowley Environmental Services	28-Aug-96	UST Removal	27-Sep-97
88-0071	Dorado Beach Resort	Vega Alta	Carr. 693 Km. 12.8	Dorado Owners LLC	Unknown	Unknown	Unknown
88-0077	Avis Rental Car	Carolina	Aeropuerto Internacional Luis Muñoz Marín	Avis Rental Car	12-Aug-97	Product in MW	7-Sep-99
88-0080	Unknown	Ponce	Unknown	Leaseway of PR	30-Apr-96	Unknown	16-Dec-96
88-0084	Forto Chemical	Guaynabo	Carr. 20 Km. 9.1, Bo. Los Frailes	Compañía de Fomento Industrial	1-Jul-03	Product in Soil	28-Sep-04
88-0110	Hospital Regional de Arecibo	Arecibo	Calle Palma # 55	Dept. de Salud de PR	Unknown	Unknown	21-Apr-05
89-0001	Unknown	Cabo Rojo	Carr 301 km 0.7, Las Arenas	PR Telephone Company	28-Mar-95	Unknown	14-Jul-98
89-0003	Capa Rocha Remoto	Moca	Carr. #111, Km. 2.4, Int. 125	PR Telephone Company	Unknown	Unknown	Unknown
89-0010	Caribbean Petroleum Corporation	Hormigueros	Calle Segundo Ruíz Belvis #2	PR Telephone Company	Unknown	UST Removal	13-May-02
89-0012	Lajas Arriba Remoto	Lajas	Carr. 117 Km. 5.7	Puerto Rico Telephone Co.	25-Aug-99	UST Removal	24-Apr-02
89-0026	Yauco C.O.	Yauco	Calle Pacheco Final	PR Telephone Company	24-Oct-00	UST Removal	Unknown
89-0031	Puerto Rico Telephone Co.	Aguada	Carr. 416 Int. Carr. 411 km. 7.5	PR Telephone Company	5-May-00	UST Removal	20-Apr-06
89-0043	Peñuelas Remoto	Peñuelas	Carr 385, Int. 127, Tallaboa	PR Telephone Company	Unknown	Unknown	12-Jul-05
89-0049	Estación Remoto Cotto Laurel	Ponce	Carr. 14, Km. 7.5, Bo. Cotto Laurel	PR Telephone Company	15-Sep-00	UST Removal	6-Apr-17
89-0052	Remoto Guardarraya	Patillas	Carr 3 km 114.9, Guardarraya	PR Telephone Company	21-May-98	UST Removal	22-Feb-00
89-0081	Oficina Central Fajardo	Fajardo	Calle General Valero	PR Telephone Company	21-Nov-95	Product in MW	4-Aug-98
89-0085	Oficina Central de Trujillo Alto	Trujillo Alto	Carr. 846 Bo. Cuevas	PR Telephone Company	27-Sep-00	UST Removal	21-Feb-03
89-0086	Estación Remoto Round Hill	Trujillo Alto	Calle Aniceto Díaz, Urb. Round Hills	PR Telephone Company	1-Sep-00	UST Removal	10-Mar-14
89-0089	Unknown	Carolina	Bo. Sabana Abajo	PR Telephone Company	16-Sep-96	Product in MW	18-Feb-03
89-0096	El Yunque Trans. Tower	Río Grande	Carr 191 km 13.1, El Yunque	PR Telephone Company	10-Jun-96	Product in MW	21-Jan-96
89-0099	Luquillo Co.	Luquillo	Jesús T. Piñero #6, Calle Soledad	PR Telephone Company	Unknown	UST Removal	26-Sep-01
89-0110	Palmas Warehouse	Cataño	Carr. 117, Bo. Palmas	PR Telephone Company	Unknown	UST Removal	23-Feb-01
89-0123	Transmission Tower	Jayuya	Carr 141 km 6.1, Monte Gregorio	PR Telephone Company	Unknown	UST Removal	24-Jan-96



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Asbestos Containing Materials Inspection



SAMPLING CONDUCTED AT:

Plaza Buenos Aires

*Located at Antonio Gonzalez Street, Mira Silva Street Corner
& Jose Gonzalez Street in Arecibo, PR*



GES Project # -2023-123

JULY 2023



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July 30, 2023

Eng. Juan M. Vazquez
Vice-President
Vazquez Associates Ingenieros PSC
PO Box 6089
Caguas, PR 00726

Affair: Asbestos Containing Materials Inspection in Plaza Buenos Aires located at Antonio Gonzalez Street, Mirta Silva Street Corner & Jose Gonzalez Street in Arecibo, PR

Dear Eng. Vazquez:

Global Environmental Services LLC (GES) was contracted to perform a Asbestos Containing Materials Inspection at reference project.

Asbestos Containing Building Material (ACBM) is defined as any material which contains more that 1% percent Asbestos.

The ACM Inspection was conducted on July 21, 2023 by Mr. Angel M. Rivera, Department of Natural and Environmental Resources of Puerto Rico (DNER) certified Asbestos Inspector # ASB-0623-0270-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 project 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-0623-0270-SI*



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APPENDIX I

**CERTIFICATIONS GRANTED BY THE
DEPARTMENT OF NATURAL AND
ENVIRONMENTAL RESOURCES
OF PUERTO RICO**



GLOBAL ENVIRONMENTAL SERVICES LLC

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ASBESTOS INSPECTOR CERTIFICATION

	TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO
	Esta tarjeta autoriza a:
	<i>Ángel M. Rivera Guido</i>
	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
ASB-0623-0270-SI	
Número de Registro	
16-abr-2024	
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:

18.4695642, -66.7183339



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SITE AREA



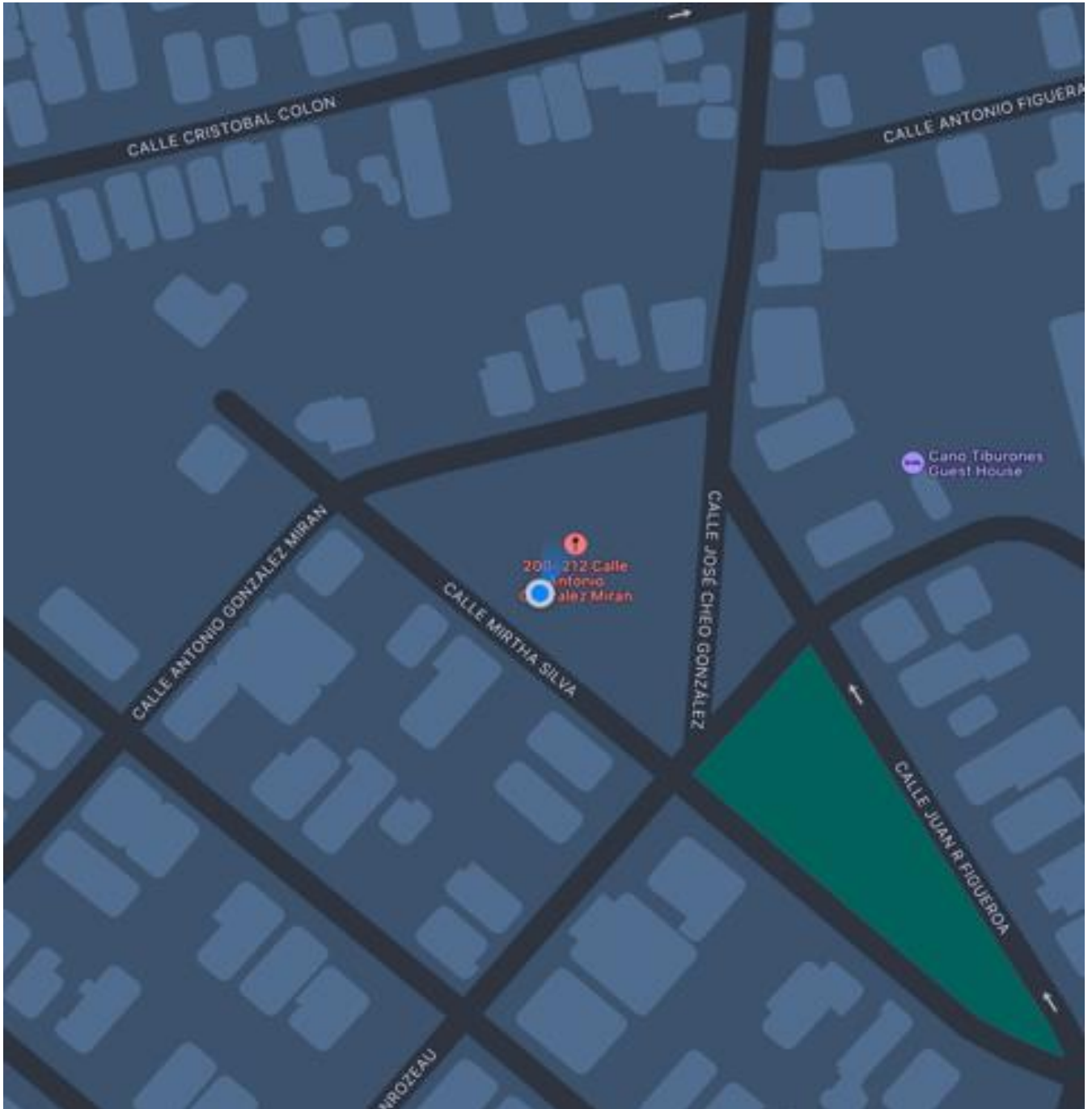


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SITE AREA



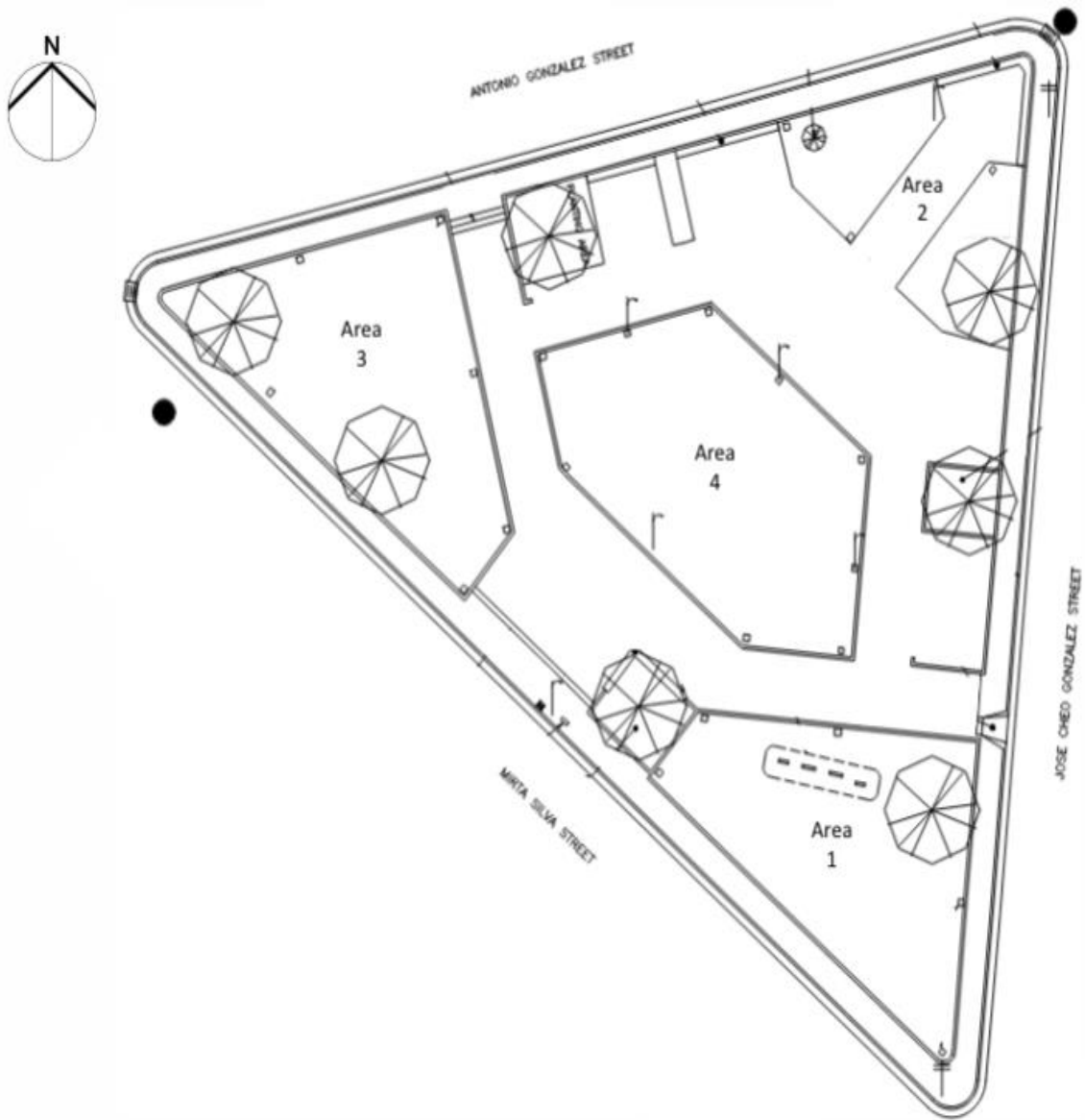


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LAYOUT AND FUNCTIONAL SPACES



NOT TO SCALE

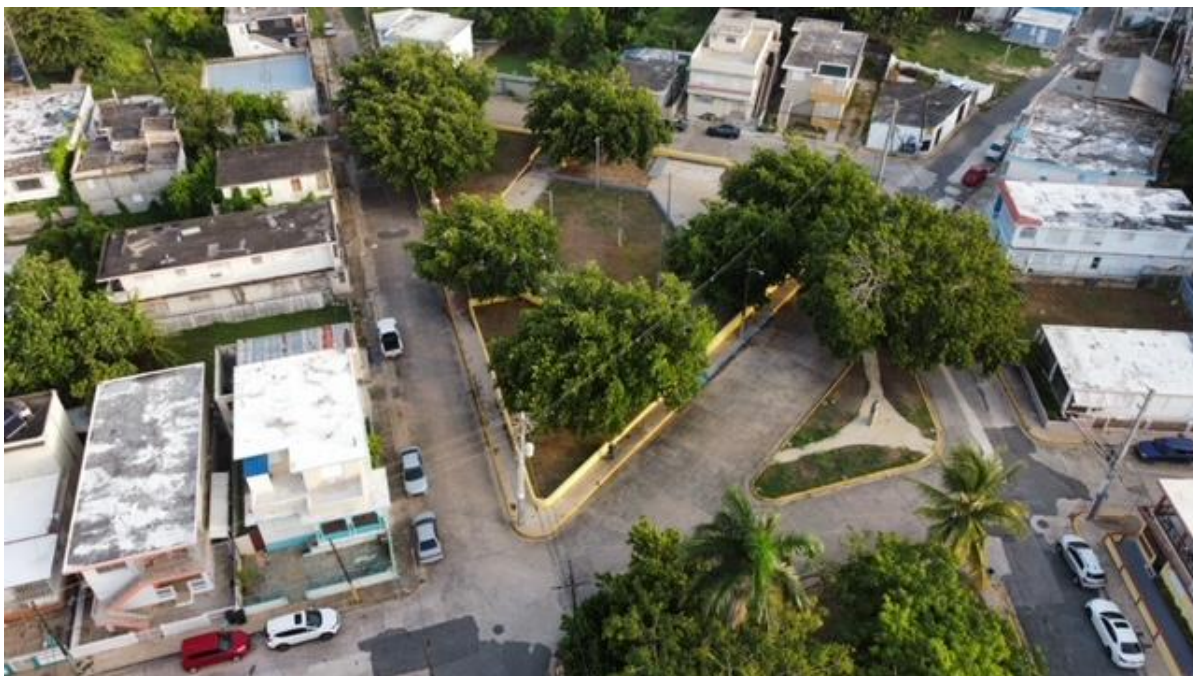


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AERIAL VIEW





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APPENDIX III

ASBESTOS NEGATIVE CERTIFICATION



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DNER & EPA Permits and Certifications

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GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

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:

- La estructura localizada en (Plaza Buenos Aires) en Calle Antonio González , Esquina Mirta Silva y José González en Arecibo, PR, la cual será objeto de una demolición se encuentra libre de asbesto.
- La información antes indicada es cierta y correcta.
- Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
- Para que así conste, firmo la presente certificación en Bayamón de Puerto Rico, hoy día 22 de julio de 2023 (Municipio)

Angel M. Rivera

ASB-0623-0270-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.

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926
Dirección Postal: Apartado 11488, Santurce, PR 00910-1488
Tel. (787) 767-8181 • Fax (787) 767-1962





GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/ Indoor Air Quality

DNER & EPA Permits and Certifications

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APPENDIX IV

CONCLUSION

After evaluating the above mentioned project, our company Global Environmental Services LLC certifies Asbestos free for the **Plaza Buenos Aires** in Antonio Gonzalez Street, Mirata Silva Street Corner & Jose Gonzalez Street in Arecibo, PR of July 22, 2023.



GLOBAL ENVIRONMENTAL SERVICES LLC

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Lead Based Paint Inspection



SAMPLING CONDUCTED AT:

Plaza Buenos Aires

*Located at Antonio Gonzalez Street, Mira Silva Street Corner
& Jose Gonzalez Street in Arecibo, PR*



GES Project # -2023-123

JULY 2023



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

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July 30, 2023

Eng. Juan M. Vazquez
Vice-President
Vazquez Associates Ingenieros PSC
PO Box 6089
Caguas, PR 00726

Affair: Lead Based Paint Inspection in Plaza Buenos Aires located at Antonio Gonzalez Street, Mirta Silva Street Corner & Jose Gonzalez Street in Arecibo, PR

Dear Eng. Vazquez:

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. Project Photos in Addendum III of the report.

The Inspection performance with Thermo Fisher Scientific XRF Niton Model Xlp 300A Serial Number #114943 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 Regulation # 9098 of the year 2019-Department of Natural and Environmental Resources of Puerto Rico (DNER) for the proper management of Lead Based Paint Activities.

The Lead Based Paint Inspection was conducted on July 21, 2023 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 Plaza area located in Arecibo, 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	LN./SQ. FT. APPROX.
Plaza Buenos Aires- Exterior	Yellow & Blue Curbs	North, East, South & West	Concrete	720 ln. ft. approx.
Plaza Buenos Aires- Areas 1,2,3	Barriers	North, East, South & West	Concrete	2,490 sq. ft. approx.
Plaza Buenos Aires- Area 1	Handicap Ramp	East	Concrete	38 sq. ft. approx.
Plaza Buenos Aires- Areas 2 & 4	Lights Posts & Bases	Center	Metal/Concrete	93 ln. ft. approx. & 4 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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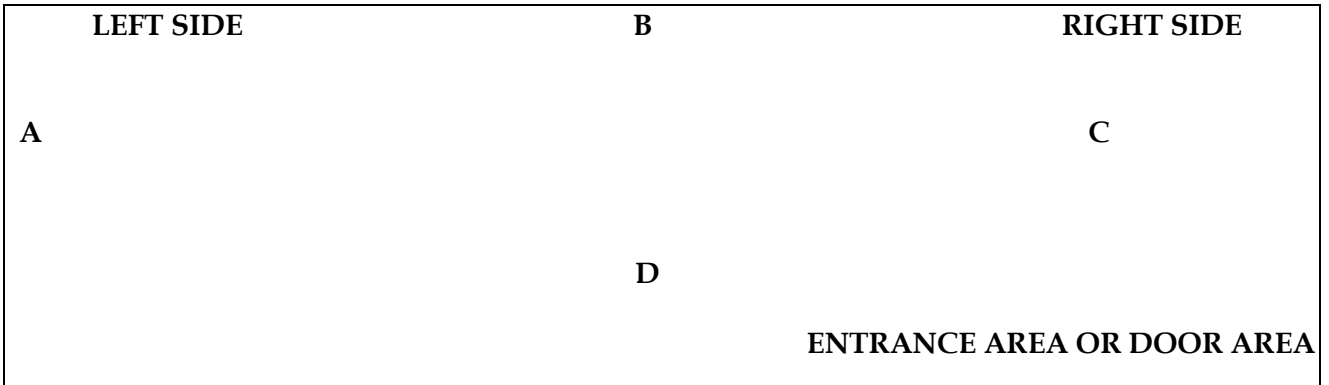
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TABLE- LEAD REGULATORY LEVELS	
	EPA & DNER Levels
LEAD BASED PAINT	1.0mg/cm2 or 0.5% by weight (or 5,000 ppm)

Lead Based Paint Inspection Guidelines used during the inspection.

SOP: Standard Operation Procedure :



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

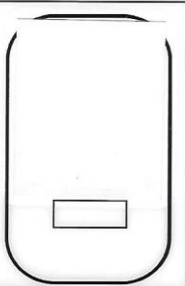


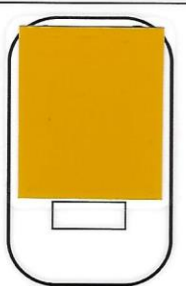
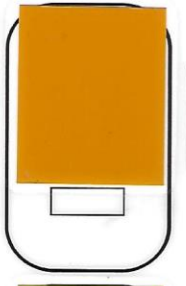

THE LEAD PAINT STANDARD



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ThermoFisher SCIENTIFIC		Lead Paint Standard	Surface Lead mg/cm ² PN 500-934
<p>< 0.01 ± ----- SRM 2570</p> 			
<p>XRF Calibration Check Units</p> <p>1.04 ± 0.06 SRM 2573</p> <p>For a 20 sec sam- ple, the reading should be: 0.8 to 1.2 mg/cm²</p> 			
<p>0.71 ± 0.08 SRM 2574</p> 			
			<p>3.58 ± 0.39 SRM 2571</p> 
			<p>1.53 ± 0.09 SRM 2572</p> 
			<p>0.31 ± 0.02 SRM 2575</p> 
Americas	Europe and Africa	Asia and the Middle East	
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	Thermo Scientific Joseph-Dollinger-Bogen 9 80807 Munich Germany Office: +49 89 3681 380 Fax: +49 89 3681 3830 niton.eur@thermofisher.com	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*



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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

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ¹⁰⁹Cd

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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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*.



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ADDENDUM III

SITE AREA & FUNCTIONAL SPACES



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SITE AREA



COORDINATES TO GET TO THE PROJECT:

18.4695642, -66.7183339



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SITE AREA



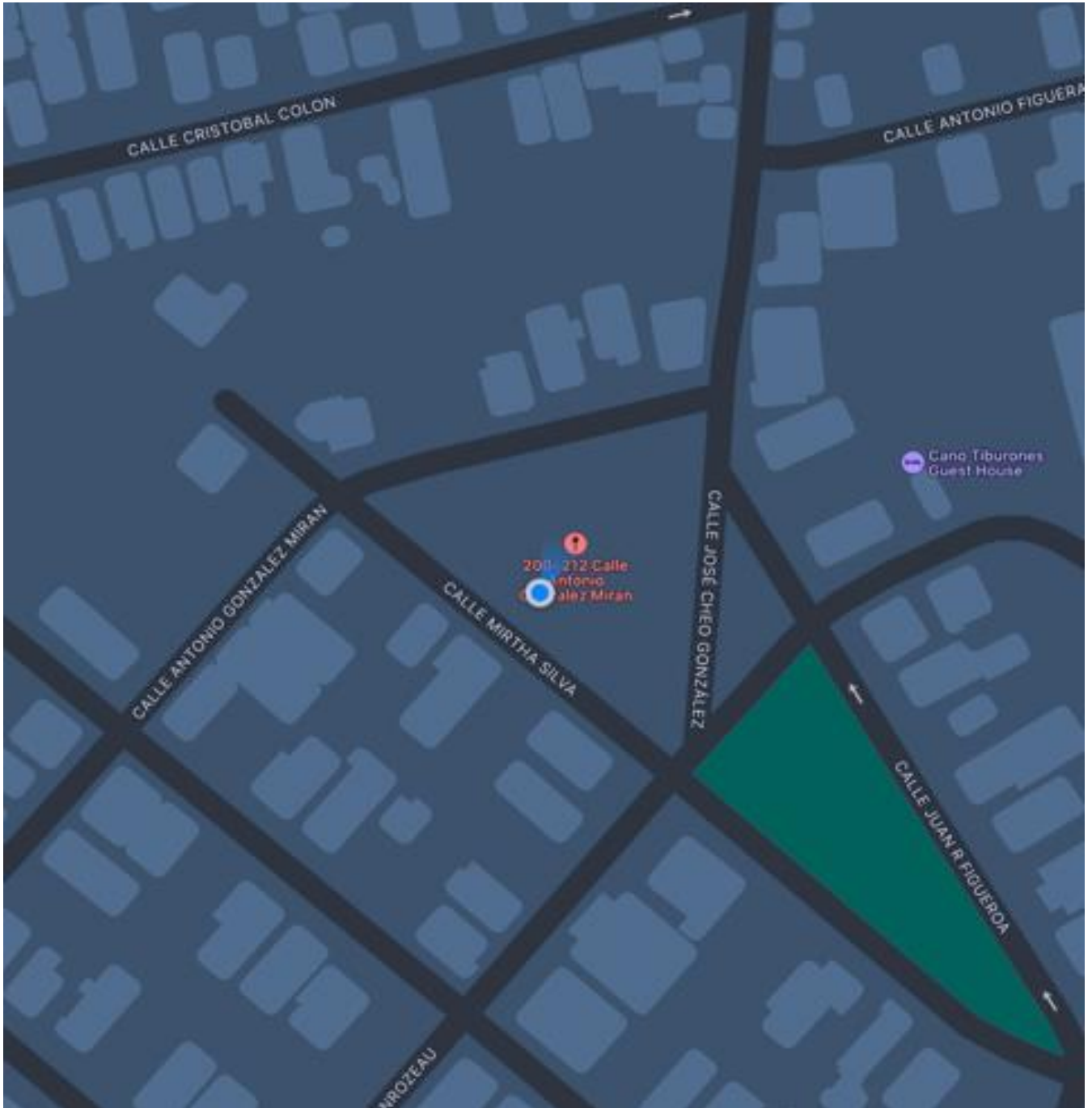


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SITE AREA



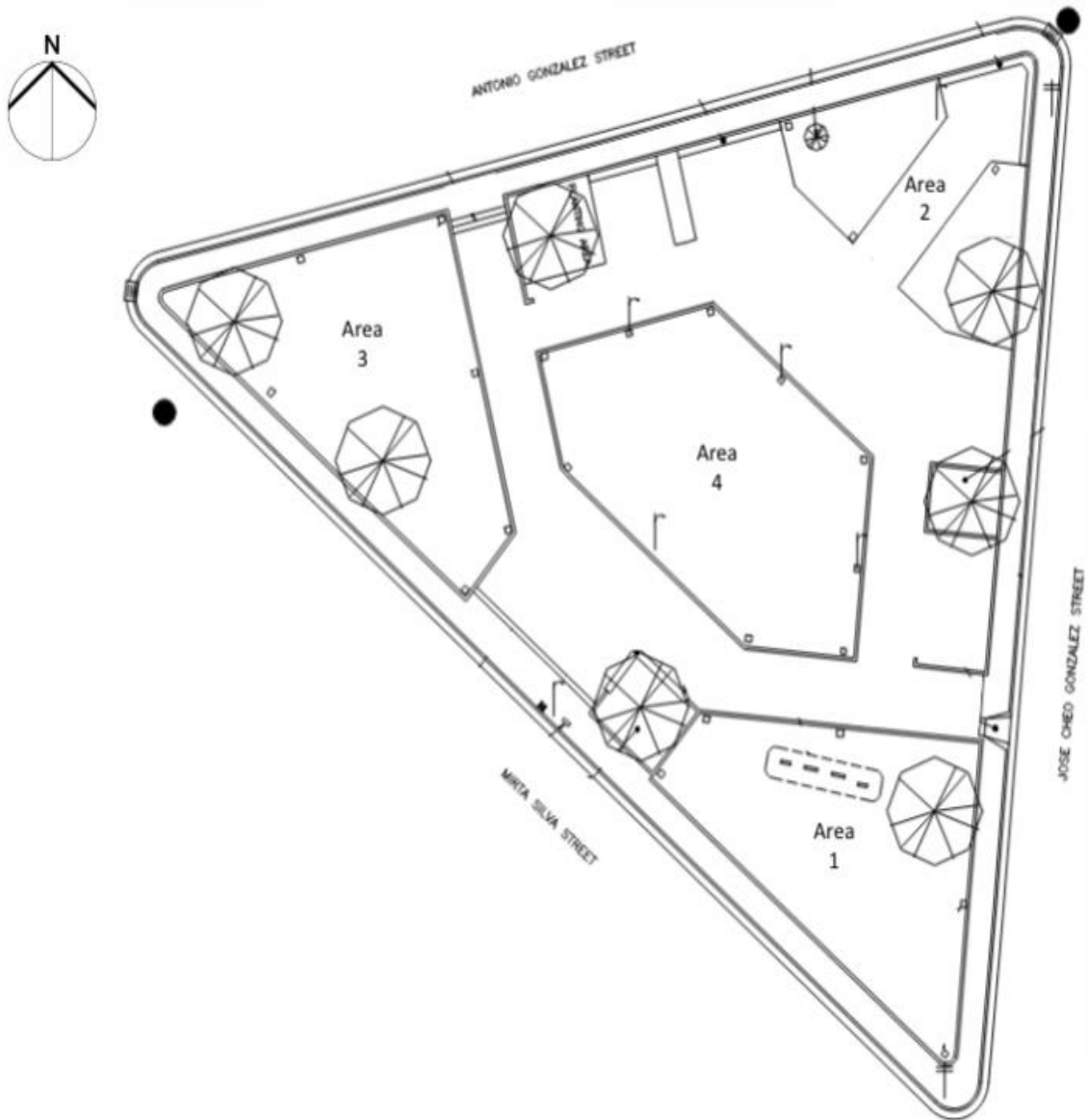


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LAYOUT AND FUNCTIONAL SPACES



NOT TO SCALE



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AERIAL VIEW





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ADDENDUM IV

*CERTIFICATIONS GRANTED BY THE DEPARTMENT OF
NATURAL AND ENVIRONMENTAL RESOURCES OF
PUERTO RICO*



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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

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-32522-051

Fecha de emisión: Enero 9, 2023
Fecha de Expiración: Enero 8, 2024

 
José Roque Juliá
Jefe
División Desperdicios Tóxicos



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MR. ANGEL M. RIVERA - LEAD BASED PAINT INSPECTOR CERTIFICATION





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ADDENDUM V

LBP TESTING COMBINATIONS



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 21/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./Ln. Ft.
1	Calibrate				0.9		
2	Calibrate				0.9		
3	Calibrate				1.0		
4	Plaza Buenos Aires Exterior	Yellow Curb	North Side	Concrete	2.9	Pos.	720 Ln. FT. Approx.
5	Plaza Buenos Aires Exterior	Yellow Curb	North Side	Concrete	2.3	Pos.	
6	Plaza Buenos Aires Exterior	Yellow Curb	North Side	Concrete	2.2	Pos.	
7	Plaza Buenos Aires Exterior	Yellow Curb	East Side	Concrete	2.3	Pos.	
8	Plaza Buenos Aires Exterior	Yellow Curb	East Side	Concrete	2.3	Pos.	
9	Plaza Buenos Aires Exterior	Yellow Curb	East Side	Concrete	2.0	Pos.	
10	Plaza Buenos Aires Exterior	Yellow Curb	West Side	Concrete	2.4	Pos.	
11	Plaza Buenos Aires Exterior	Yellow Curb	West Side	Concrete	2.3	Pos.	
12	Plaza Buenos Aires Exterior	Yellow Curb	West Side	Concrete	2.1	Pos.	
13	Plaza Buenos Aires	Sidewalk	North Side	Ceramic	0.01	Neg.	
14	Plaza Buenos Aires	Sidewalk	North Side	Ceramic	0.02	Neg.	
15	Plaza Buenos Aires	Sidewalk	East Side	Ceramic	0.01	Neg.	
16	Plaza Buenos Aires	Sidewalk	East	Ceramic	0.01	Neg.	
17	Plaza Buenos Aires	Sidewalk	South	Ceramic	0.02	Neg.	
18	Plaza Buenos Aires	Sidewalk	South Side	Ceramic	0.01	Neg.	
19	Plaza Buenos Aires	Sidewalk	West Side	Ceramic	0.01	Neg.	



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 22/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
20	Plaza Buenos Aires	Sidewalk	West Side	Ceramic	0.02	Neg.	
21	Plaza Buenos Aires	Floor Tile	Center Side	Ceramic	0.01	Neg.	
22	Plaza Buenos Aires	Floor Tile	Center Side	Ceramic	0.01	Neg.	
23	Plaza Buenos Aires	Floor Tile	Center Side	Ceramic	0.02	Neg.	
24	Plaza Buenos Aires	Floor Tile	Center	Ceramic	0.01	Neg.	
25	Plaza Buenos Aires Area 1	Barrier	North Side	Concrete	1.7	Pos.	580 Sq. Ft. Approx.
26	Plaza Buenos Aires Area 1	Barrier	North Side	Concrete	1.3	Pos.	
27	Plaza Buenos Aires Area 1	Barrier	East Side	Concrete	1.8	Pos.	
28	Plaza Buenos Aires Area 1	Barrier	East Side	Concrete	1.7	Pos.	
29	Plaza Buenos Aires Area 1	Barrier	West Side	Concrete	1.4	Pos.	
30	Plaza Buenos Aires Area 1	Barrier	West Side	Concrete	1.7	Pos.	
31	Plaza Buenos Aires Area 1	Barrier	South Side	Concrete	2.0	Pos.	
32	Plaza Buenos Aires Area 1	Barrier	South Side	Concrete	1.9	Pos.	
33	Plaza Buenos Aires Area 1	Light Post	Center	Metal	0.01	Neg.	
34	Plaza Buenos Aires Area 1	Light Post	Center	Metal	0.01	Neg.	
35	Plaza Buenos Aires Area 1	Light Post	Center	Metal	0.01	Neg.	
36	Plaza Buenos Aires Area 1	Light Post	Center	Metal	0.01	Neg.	
37	Plaza Buenos Aires Area 1	Light Post	Center	Metal	0.01	Neg.	
38	Plaza Buenos Aires Area 1	Light Post Base	Center Side	Concrete	0.00	Neg.	



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 23/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
39	Plaza Buenos Aires Area 1	Light Post Base	Center Side	Concrete	0.00	Neg.	
40	Plaza Buenos Aires Area 1	Light Post Base	Center Side	Concrete	0.00	Neg.	
41	Plaza Buenos Aires Area 1	Light Post Base	Center Side	Concrete	0.00	Neg.	
42	Plaza Buenos Aires Area 1	Light Post Base	Center Side	Concrete	0.00	Neg.	
43	Plaza Buenos Aires Area 1	Handicap Ramp	East Side	Concrete	1.6	Pos.	38 Sq. Ft Approx.
44	Plaza Buenos Aires Area 2	Floor Tile	Center Side	Ceramic	0.01	Neg.	
45	Plaza Buenos Aires Area 2	Floor Tile	Center Side	Ceramic	0.01	Neg.	
46	Plaza Buenos Aires Area 2	Floor Tile	Center Side	Ceramic	0.02	Neg.	
47	Plaza Buenos Aires Area 2	Floor Tile	Center Side	Ceramic	0.01	Neg.	
48	Plaza Buenos Aires Area 2	Barrier	North Side	Concrete	2.1	Pos.	1,120 Sq. Ft. Approx.
49	Plaza Buenos Aires Area 2	Barrier	North Side	Concrete	1.8	Pos.	
50	Plaza Buenos Aires Area 2	Barrier	East Side	Concrete	2.1	Pos.	
51	Plaza Buenos Aires Area 2	Barrier	East Side	Concrete	2.1	Pos.	
52	Plaza Buenos Aires Area 2	Barrier	West Side	Concrete	1.7	Pos.	
53	Plaza Buenos Aires Area 2	Barrier	West Side	Concrete	2.0	Pos.	
54	Plaza Buenos Aires Area 2	Barrier	South Side	Concrete	2.1	Pos.	
55	Plaza Buenos Aires Area 2	Barrier	South Side	Concrete	2.6	Pos.	
56	Plaza Buenos Aires Area 2	Light Post	Center Side	Metal	1.9	Pos.	



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 24/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
57	Plaza Buenos Aires Area 3	Barrier	North Side	Concrete	2.4	Pos.	790 Sq. Ft. Approx.
58	Plaza Buenos Aires Area 3	Barrier	North Side	Concrete	1.9	Pos.	
59	Plaza Buenos Aires Area 3	Barrier	East Side	Concrete	1.2	Pos.	
60	Plaza Buenos Aires Area 3	Barrier	East Side	Concrete	1.7	Pos.	
61	Plaza Buenos Aires Area 3	Barrier	West Side	Concrete	1.4	Pos.	
62	Plaza Buenos Aires Area 3	Barrier	West Side	Concrete	1.8	Pos.	
63	Plaza Buenos Aires Area 3	Barrier	South Side	Concrete	1.7	Pos.	
64	Plaza Buenos Aires Area 3	Barrier	South Side	Concrete	1.8	Pos.	
65	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
66	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
67	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
68	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
69	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
70	Plaza Buenos Aires Area 3	Light Post	Center	Metal	0.01	Neg.	
71	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	
72	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	
73	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	
74	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	
75	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 25/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
76	Plaza Buenos Aires Area 3	Light Post Base	Center	Concrete	0.00	Neg.	
77	Plaza Publica Exterior Area 4	Light Post	Center Side	Metal	1.7	Pos.	74 Ln. Ft. Approx.
78	Plaza Publica Exterior Area 4	Light Post	Center Side	Metal	2.0	Pos.	
79	Plaza Publica Exterior Area 4	Light Post	Center Side	Metal	1.7	Pos.	
80	Plaza Publica Exterior Area 4	Light Post	Center Side	Metal	1.9	Pos.	
81	Plaza Publica Exterior Area 4	Light Post Base	Center Side	Concrete	1.5	Pos.	
82	Plaza Publica Exterior Area 4	Light Post Base	Center Side	Concrete	1.5	Pos.	
83	Plaza Publica Exterior Area 4	Light Post Base	Center Side	Concrete	1.6	Pos.	
84	Plaza Publica Exterior Area 4	Light Post Base	Center Side	Concrete	1.7	Pos.	
85	Plaza Publica Exterior Area 4	Barrier	North	Concrete	0.00	Neg.	
86	Plaza Publica Exterior Area 4	Barrier	North	Concrete	0.00	Neg.	
87	Plaza Publica Exterior Area 4	Barrier	East	Concrete	0.00	Neg.	
88	Plaza Publica Exterior Area 4	Barrier	East	Concrete	0.00	Neg.	
89	Plaza Publica Exterior Area 4	Barrier	West	Concrete	0.00	Neg.	
90	Plaza Publica Exterior Area 4	Barrier	West	Concrete	0.00	Neg.	
91	Plaza Publica Exterior Area 4	Barrier	South	Concrete	0.00	Neg.	



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GES 2023- 123	XRF Serial Number: 114943	Project: Plaza Buenos Aires in Arecibo, PR	Client: Vazquez Assoc.	LBP Inspector: Mr. Angel M. Rivera	Date: July 21, 2023	Page 26/38	
Sample ID	Functional Space	Component	Side	Substrate	XRF Reading (mg/cm ²)	Result Pos./ Neg.	Approx. Sq. ft./ Ln. Ft.
92	Plaza Publica Exterior Area 4	Barrier	South Side	Concrete	0.00	Neg.	
93	Calibrate				1.0		
94	Calibrate				0.9		
95	Calibrate				0.9		



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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./LN. FT. APPROX.
Plaza Buenos Aires- Exterior	Yellow & Blue Curbs	East, South, West & South	Concrete	720 ln. ft. approx.
Plaza Buenos Aires- Area 1	Handicap Ramp	East	Concrete	38 sq. ft. approx.
Plaza Buenos Aires-Areas 1,2,3	Barriers	East, South, West & South	Concrete	2,490 sq. ft. approx.
Plaza Buenos Aires- Areas 2,4	Lights Posts & Bases	Center	Metal/ Concrete	93 ln. ft. approx. 4 sq. ft. approx.



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ADDENDUM VII

*PHOTOGRAPHS OF POSITIVE COMPONENTS WITH
LEAD BASED PAINT*



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Exterior- Yellow & Blue Concrete Curbs with Lead Based Paint





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Area 1- Blue Concrete Handicap Ramp & Curb with Lead Based Paint



Area 1- Concrete Barriers with Lead Based Paint



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Area 2- Concrete Barriers with Lead Based Paint



Area 3- Concrete Barriers with Lead Based Paint



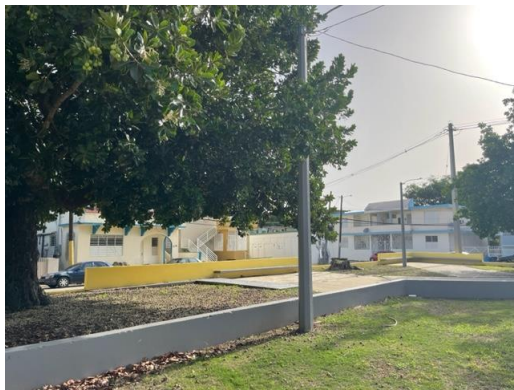
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Area 2- Metal Light Post in Center area with Lead Based Paint



Area 4- Metal Lights Posts and Concrete Bases 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

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 = CONCRETE YELLOW AND BLUE CURBS WITH LBP

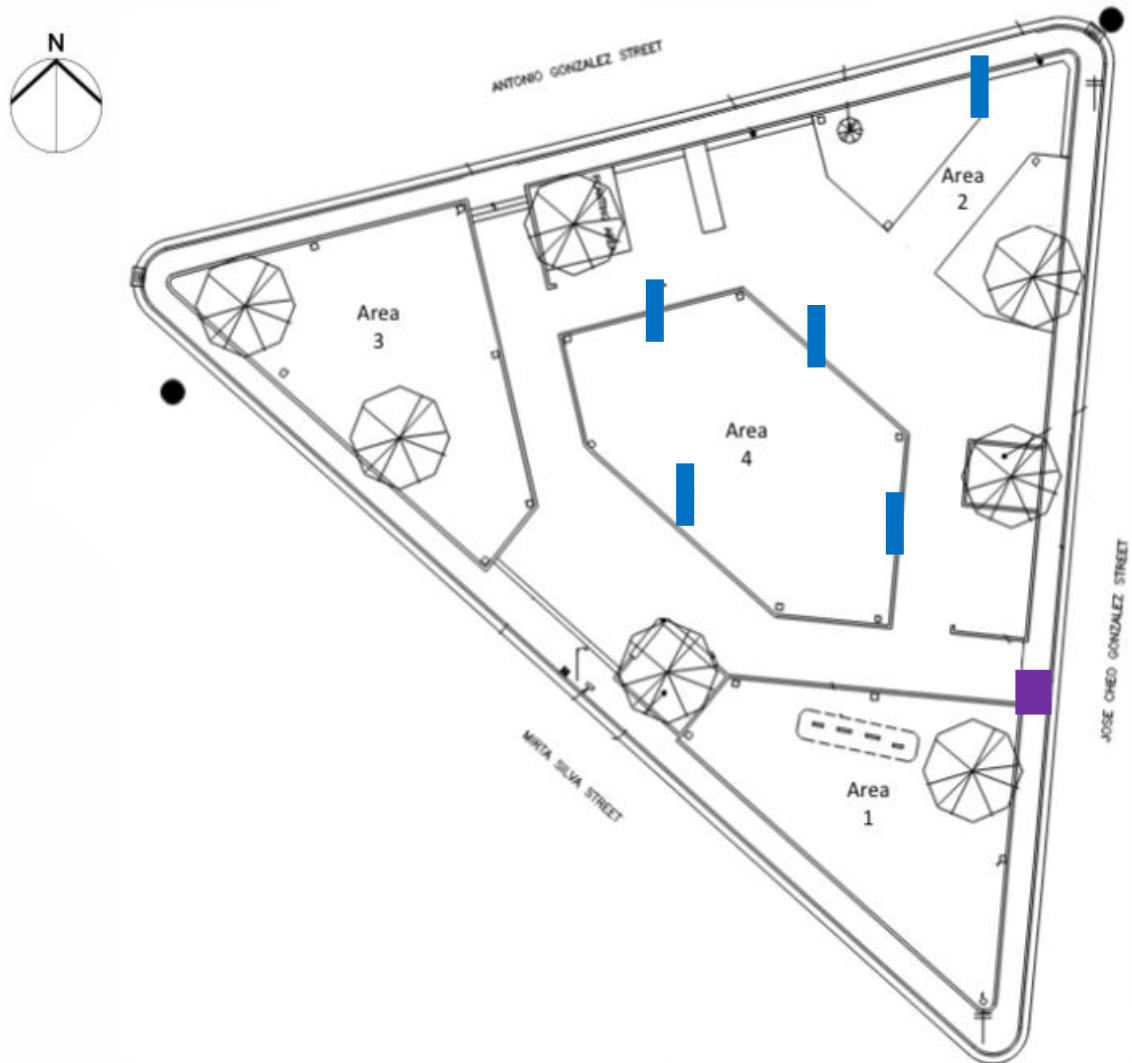


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LBP POSITIVE RESULTS LOCATIONS



NOT TO SCALE

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= CONCRETE BLUE HANDICAP RAMP WITH LBP



= METAL LIGHTS POSTS AND CONCRETE BASES WITH LBP

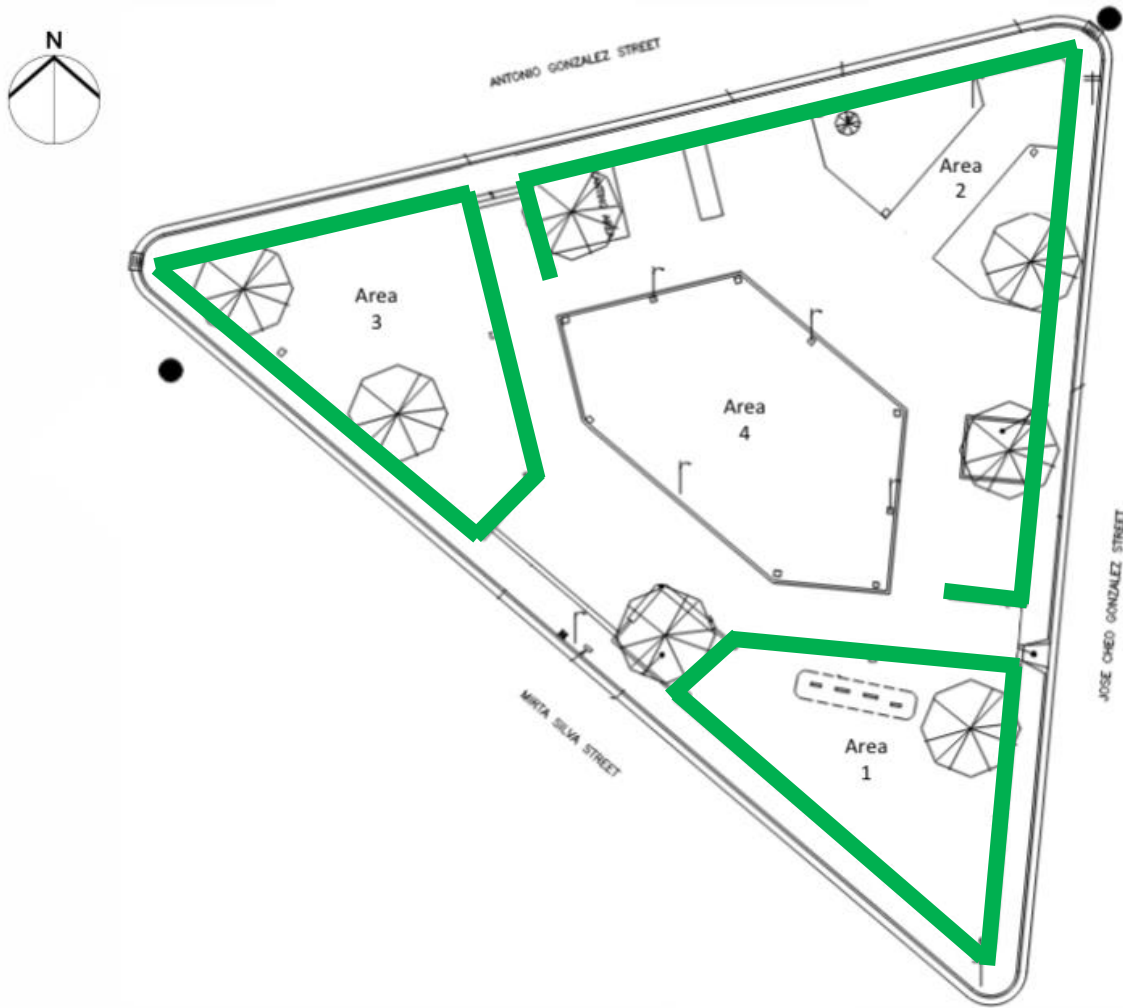


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LBP POSITIVE RESULTS LOCATIONS



NOT TO SCALE

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 = CONCRETE BARRIERS WITH LBP



ADDENDUM VI

CONCLUSION

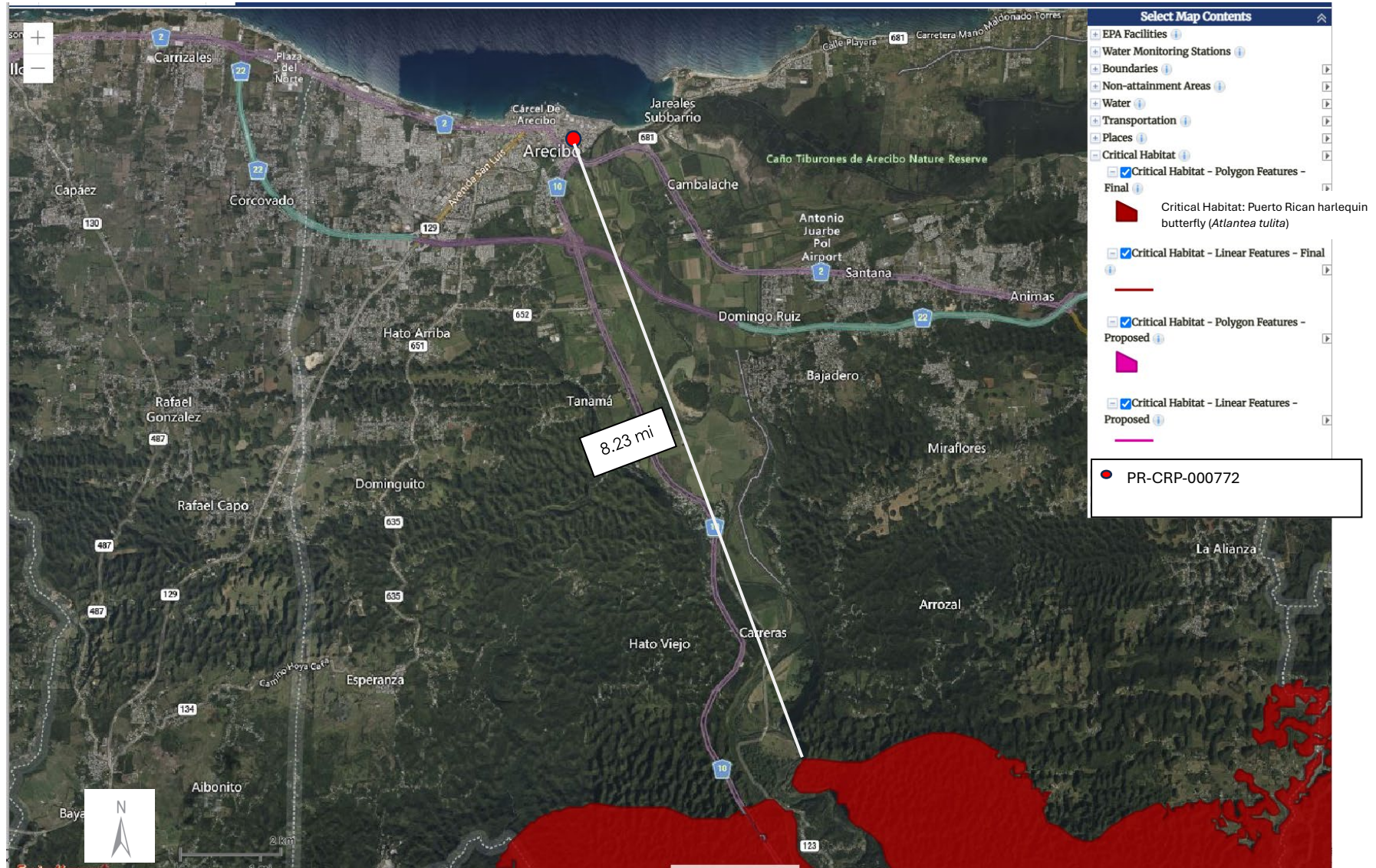
Global Environmental Services LLC recommends the owner or representative of owner to hire a Company Certified in the Department of Natural and Environmental Resources (DNER) of Puerto Rico to mitigate and dispose positive areas with Lead Based Paint if is going to touch or demolish the aforementioned areas.

Exhibit 7a. Critical Habitats Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico




Source: EPA NEPAassist (Spatial Reference: GRS80), accessed at URL <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>



Transmittal Letter

July 11, 2024

Caribbean Ecological Services Field Office
 U.S. Fish and Wildlife Service
 P.O. Box 491
 Boquerón, Puerto Rico 00622
 Email: caribbean@es@fws.gov

 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.

DAMARIS ROMAN Digitally signed by DAMARIS ROMAN RUIZ
 Reviewer RUIZ Date: 2024.07.17 10:38:30 -04'00'

LOURDES MENA Digitally signed by LOURDES MENA
 Acting Caribbean ES Field Supervisor Date: 2024.07.17 16:22:13 -04'00'

**RE: USFWS Endangered Species Act Certifications
 CRP Program – July 2024**

We are submitting the following Self-Certifications for projects under the CDBG-DR City Revitalization Program. Attached are included the Self-Certifications that certify that the projects are in compliance and are not likely to adversely affect federally-listed species.

The following table includes the projects that are in compliance with the Blanket Clearance Letter for the Endangered Species act of 1973, as amended, and the Fish and Wildlife Coordination Act.

Project Number	Project Name
PR-CRP-000311	Mejoras a la Plaza Interactiva en el Casco Urbano
PR-CRP-000551	Mejoras a Unidades de Vivienda de 1 y 2 Habitaciones en Urb. Kennedy
PR-CRP-000614	Urban Park 109
PR-CRP-000673	Revitalización Casco Urbano
PR-CRP-000697	Theater Blanca Castejón
PR-CRP-000726	Desarrollo de un Café Teatro
PR-CRP-000758	Plaza de los Trovadores
PR-CRP-000772	Plaza Buenos Aires Renovation
PR-CRP-001142	Nuevo Estacionamiento Plaza del Mercado y Centro Urbano
PR-CRP-001144	Centro de Mercado Familiar Guayamés

For more information, please contact the Permits and Environmental Compliance Division at environmentcdbg@vivienda.pr.gov or at (787)274.2527 ext. 4320.

Sincerely,

Permits and Environmental Compliance Division
Office of Disaster Recovery



Self-Certification

<http://www.fws.gov/caribbean/ES/Index.html>

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.

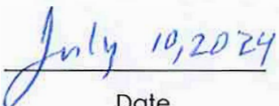
The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project **Plaza Buenos Aires Renovation (PR-CRP-000772)** consisting of the renovation and improvement of the public facility to meet current codes and standards (refer to attached scope) located at Antonio González St., Mirta Silva St., and José Cheo Gonzalez St., Arecibo, PR 00612, complies with:

Check	Project Criteria
<input checked="" type="checkbox"/>	1. Street resurfacing.
<input checked="" type="checkbox"/>	2. Construction of gutters and sidewalks along existing roads.
<input type="checkbox"/>	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.


Ángel G. López-Guzmán
Deputy Director
Permits and Environmental Compliance Division


Date

Office of Disaster Recovery
Address: P.O. Box 21365 San Juan, PR 00928
Telephone and Ext: 787-274-2527 ext. 4320
Email: environmentcdbg@vivienda.pr.gov

Project Description:

Subrecipient Name:	Municipality of Arecibo
Project Name:	Plaza Buenos Aires Restoration
Project ID Number:	PR-CRP-000772
Location Lat/Long:	18.469588°, -66.718344°
Estimated Funding Amount:	\$2,500,000.00

The Municipality of Arecibo proposes the restoration of Plaza Buenos Aires situated between Antonio Gonzalez Street, Mirta Silva Street and Jose Cheo Gonzalez Street. The plaza serves as a gathering point and an area for fitness and leisure for the residents of the neighborhood. After Hurricanes Irma and María, the plaza's infrastructure was severely damaged. It is the Municipality's goal to renovate and improve the public facility to meet current codes and standards. The two parcels of land that comprise Plaza Buenos Aires (cadaster number 012-096-188-01) and the staging area (cadaster number 012-096-191-01) are property of the Municipality of Arecibo. The area occupied by the plaza is approximately 1,716 square meters (according to the CRIM Digital Cadaster database). The project will not increase the footprint of the plaza or right of way of the streets.

The proposed project aims to accomplish the following: provide an urban gathering point, a stage area for cultural events, fitness and/or resting areas for the residents and public visiting the town. The project includes the following works: pedestrian access improvements; construction of pervious concrete sidewalks and plaza flooring; construction of handicapped ramps that meet ADA code; installation of geotextile and asphalt pavement on all surrounding streets; installation of garbage disposal stations and benches; painting existing and new structures (including street parking lines); renovation of green areas and gardens with trees and new plantings; replacement of light posts with solar LED luminaries; repairs and refurbishment of existing stormwater system; installation of catch basins to control and improve stormwater runoff; children playground area, and outdoor workout areas.

Demolition works will include demolition of existing sidewalks, curbs, gutters, plaza pavement, low walls and on-ground slabs around the Plaza. Works performed as part of the project include, construction of new plaza slabs, low walls, ramps, stairs, curbs and gutters; the construction of a new stage, a new playground and an outdoor workout area; installation of urban mobiliary, solar light poles; inclusion of green areas and plantings; repairs and addition of catch basins to improve the stormwater system; and

asphalt pavement installation on top of the current concrete slab on the streets surrounding the Plaza.

During Construction, the seven (7) existing trees within the public plaza will be protected, as they will remain at the Plaza. The existing Memorial Plaques will be relocated to the center of the plaza in coordination with the Municipality.

A Maintenance of Traffic Plan (MOT) and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works. The MOT will be prepared in compliance with the PRHTA and FHWA standards and regulations.



During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid sediment discharges into the storm sewer system. Controls to be installed include hay bales (or silt socks) on drainage structures, silt fence around the project limit, and implementation of a stabilized entrance, with truck washout station to avoid sediments track out into the streets. Staging and storage areas for construction materials will be protected with silt fence, or any other measure as needed. The staging area for the project will be located in the parcel to the south of the project (cadaster number 012-096-191-01)

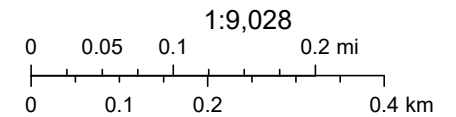
The Plaza Buenos Aires Renovation project is located inside the 100-year floodplain. According to the Flood Insurance Rate Map (FIRM), map panel 72000C0230J, effective date November 18, 2009, the parcel is located in Zone AE (areas determined to be inside the 100-year flood by FEMA). According to the Puerto Rico Advisory Board Flood Elevations, map panel 72000C0230J, effective date April 13, 2018, the project stands in Zone A special flood hazard area without Base Flood Elevation (BFE).

The Level of Environmental Review for this project has been identified as a Conditionally Exempt Subject to Part 58, as it complies with section 58.35(a) (1). *Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets); 58.35(a) (2). Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons.*



September 7, 2023

-  Staging Area
-  PLaza Buenos Aires



*Plaza Buenos Aires Renovation
PR-CRP-000772
Municipality of Arecibo
Antonio Gonzalez St., Mirta Silva St., and Jose Cheo Gonzalez St.,
Arecibo, Puerto Rico
18.469563, -66.718340*

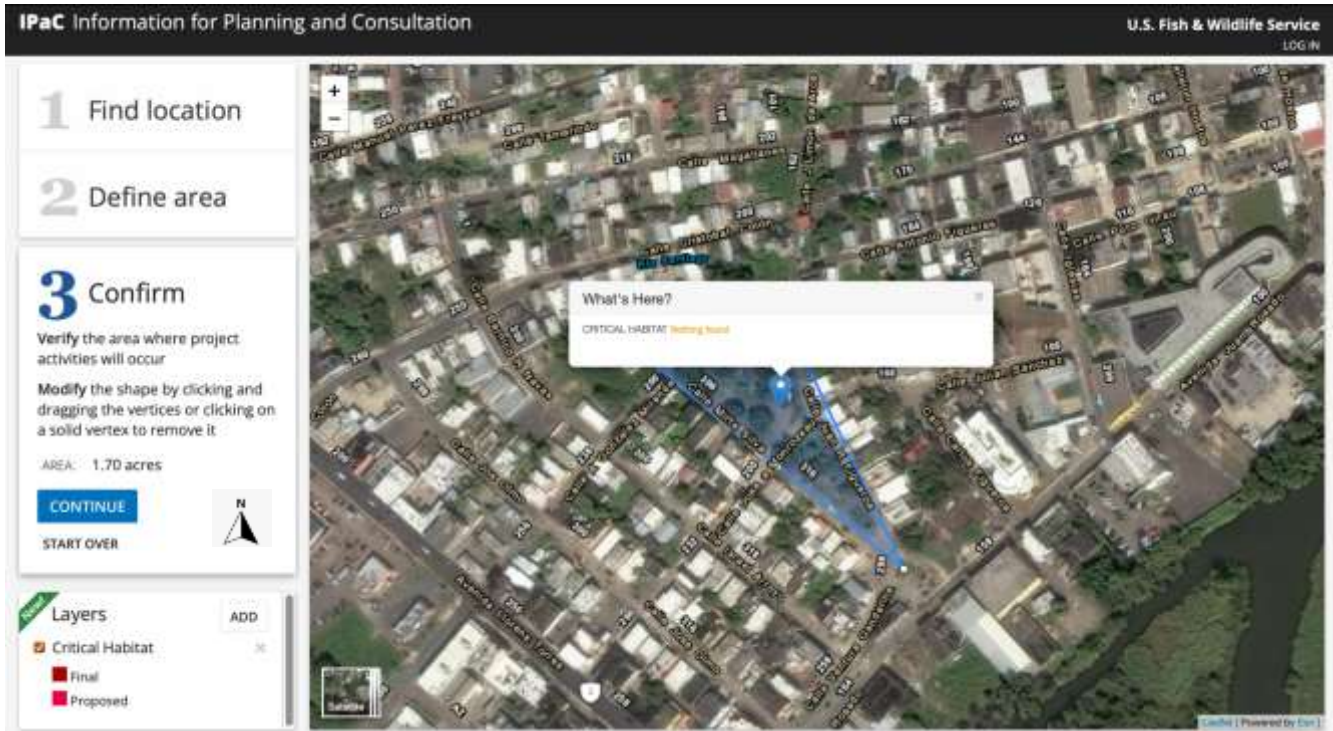
Site Pictures:



*Plaza Buenos Aires Renovation
PR-CRP-000772
Municipality of Arecibo
Antonio Gonzalez St., Mirta Silva St., and Jose Cheo Gonzalez St.,
Arecibo, Puerto Rico
18.469563, -66.718340*



Exhibit 7: Endangered 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:

Mammals

NAME	STATUS
<p>West Indian Manatee <i>Trichechus manatus</i> Wherever found</p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/4469</p>	<p>Threatened Marine mammal</p>

Reptiles

NAME	STATUS
<p>Puerto Rican Boa <i>Chilabothrus inornatus</i> Wherever found</p> <p>No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6628</p>	<p>Endangered</p>

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-incident-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-incident-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 files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Marine mammals

Marine mammals are protected under the [Marine Mammal Protection Act](#). Some are also protected under the Endangered Species Act¹ and the Convention on International Trade in Endangered Species of Wild Fauna and Flora².

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walruses, polar bears, manatees, and dugongs] and NOAA Fisheries³ [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the [Marine Mammals](#) page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take (to harass, hunt, capture, kill, or attempt to harass, hunt, capture or kill) of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

1. The [Endangered Species Act](#) (ESA) of 1973.
2. The [Convention on International Trade in Endangered Species of Wild Fauna and Flora](#) (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
3. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following marine mammals under the responsibility of the U.S. Fish and Wildlife Service are potentially affected by activities in this location:

NAME

West Indian Manatee *Trichechus manatus*
<https://ecos.fws.gov/ecp/species/4469>

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 or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid 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.



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.

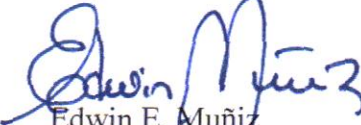
It is our mission to work with others, to conserve, protect and enhance fish wildlife and plants and their habitats for the continuing benefit of our people.

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



Ecological Services in the Caribbean

Caribbean Field Office

Project evaluation



Our mission is to conserve, protect and enhance fish and wildlife and their habitats through consultation, cooperation and communication for the continuing benefit of the American people.

Legal authorities:

- Endangered Species Act (ESA)
- Fish and Wildlife Coordination Act
- Migratory Bird Treaty Act
- Coastal Barriers Act

Roles and Responsibilities:

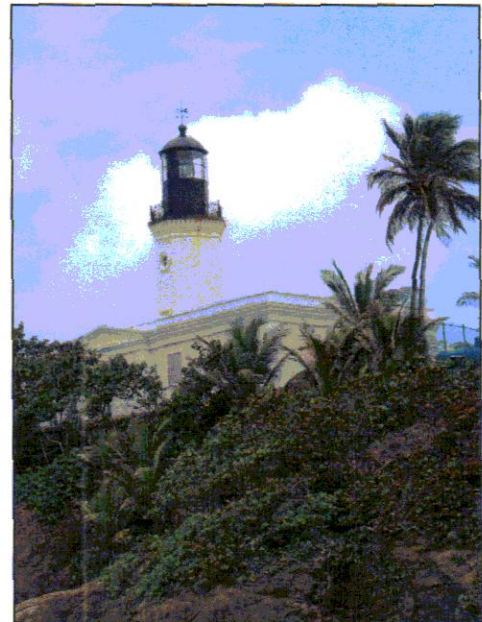
- Provide technical assistance to Federal and Commonwealth agencies to minimize possible impacts of land and water projects to our trust resources
 - *Wetlands and other aquatic habitats
 - *Endangered Species and their habitats
 - *Migratory Birds
 - *Critical Wildlife Areas
 - *Coastal Barriers
- Assist with ESA Section 7 compliance through informal and formal consultation processes

How do we assist others?

- Determine presence / absence of wetland resources, threatened and endangered species habitat, coastal barriers, important wildlife areas within the action area
- Evaluate possible direct, indirect and cumulative impacts
- Provide conservation recommendations to avoid, minimize and/or mitigate impacts
- General recommendations for habitat enhancement

Minimum requirements for the evaluation of projects:

- An 8.5 by 11 inch copy of the specific site location on a USGS topographic map (1:20,000) marked with an arrow (➔)
- Project description
- Aerial photo of the project site
- Latitude and Longitude (degrees, minutes and seconds or decimal degrees)
- Environmental Documents (EA and EIS)
- Specific studies (by qualified personnel)



For more information:

US Fish and Wildlife Service
Caribbean Field Office
Raod 301, Km. 5.1
Bo. Corozo

Boquerón, PR 00622

<http://www.fws.gov>

<http://www.fws.gov/caribbean/es>

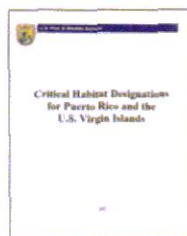


Endangered Species Lists Using Web-based Tools

The U.S. Fish and Wildlife Service's Caribbean Ecological Services Field Office (CESFO) provides technical assistance to private individuals and organizations, as well as Federal, state, and local agencies pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). To assist project sponsors or applicants with the process of determining whether a Federally-listed species and/or "critical habitat" may occur within their proposed project area, we have developed Web-based tools. These tools were developed primarily to assist Federal agencies that are consulting with us under Section 7(a)(2) of the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

IPaC. The US Fish & Wildlife Service (USFWS) has a tool named IPaC. IPaC stands for Information, Planning, and Conservation. This system is designed for easy, public access to the natural resources information for which the USFWS has trust or regulatory responsibility. Examples include Threatened and Endangered species, migratory birds, National Refuge lands, Coastal Barrier Resource Units, and the management of invasive species. One of the primary goals of the IPaC system is to provide information in a manner that assists individuals in planning their activities within the context of natural resource conservation. The IPaC system also assists people through the various regulatory consultation, permitting and approval processes administered by the USFWS, helping achieve more effective and efficient results for both the project proponents and natural resources. Through IPaC, you can get a preliminary USFWS species list in addition to links to species life history information, the USFWS Migratory Bird program, and more. You can access IPaC at: <http://ecos.fws.gov/ipac>

CESFO List of Threatened & Endangered Species and Critical Habitat Designations: CESFO has developed another tool (Species Map) that can be used as a quick reference to find out where the Federally-listed species



are known to occur, as well as those likely to occur, in any given municipality in Puerto Rico and island in the

U.S. Virgin islands. It identifies general areas where the species may be located. However, it does not represent the absolute distribution of the species and does not constitute a recommendation or comment issued by our agency in reference to a proposed project. This list represents the best available information regarding known or likely occurrences of Federally-listed species and is subject to change as new information becomes available. You can access this database at <http://www.fws.gov/caribbean/es/PDF/Map/pdf>



Be aware that Section 9 of the ESA prohibits unauthorized taking of listed species and applies to Federal and non-Federal activities. Under the Act, it is illegal for any person subject to the jurisdiction of the United States to take (includes harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect; or to attempt any of these), import or export, ship in interstate or foreign commerce in the course of commercial activity, or sell or offer for sale in interstate or foreign commerce any endangered fish or wildlife species and most threatened fish and wildlife species. It is also illegal to possess, sell, deliver, carry, transport, or ship any such wildlife that has been taken illegally. "Harm" includes any act which actually kills or injures fish or wildlife, and case law has clarified that such acts may include significant habitat modification or degradation that significantly impairs

essential behavioral patterns of fish or wildlife. For projects not authorized, funded, or carried out by a Federal agency, consultation with the Service pursuant to Section 7(a)(2) of the ESA is not required. However, no person is authorized to "take" any listed species without appropriate authorizations from the Service. Therefore, we provide technical assistance to individuals and agencies to assist with project planning to avoid the potential for "take," or when appropriate, to provide assistance with their application for an incidental take permit pursuant to Section 10(a)(1)(B) of the ESA.

If the project is within the distribution of the species, additional information may be needed to determine the presence of habitat. In some cases, specialized surveys may be needed to determine the presence or absence of the species in a particular area.

For additional information on fish and wildlife resources or State-listed species, we suggest contacting the Puerto Rico Department of Natural and Environmental Resources and the U.S. Virgin Islands Department of Planning and Natural Resources.

For further assistance, please feel free to contact us at (787) 851-7297 or visit our Web page at www.fws.gov/caribbean/es if you need further assistance.

For further information visit our national websites at:

<http://www.fws.gov>

<http://ecos.fws.gov>



U.S. Fish & Wildlife Service

Consultations with Federal Agencies

Section 7 of the Endangered Species Act

The purposes of the Endangered Species Act are to provide a means for conserving the ecosystems upon which endangered and threatened species depend and a program for the conservation of such species. The ESA directs all Federal agencies to participate in conserving these species. Specifically, section 7 (a)(1) of the ESA charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies to ensure that their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats.

How does the consultation process support the recovery of species and their ecosystems?

The Endangered Species Program of the U.S. Fish and Wildlife Service uses section 7 tools in partnership with other Service programs and other Federal agencies to collaboratively solve conservation challenges, as well as create opportunities, using section 7 consultations, to recover the ecosystems of listed species. Consultations also provide ways to implement recovery tasks by addressing threats to listed species that may result from Federal agency programs and activities.

What is the consultation process that occurs under section 7(a)(2)?

The provision under section 7 that is most often associated with the Service and other Federal agencies is section 7(a)(2). It requires Federal agencies to consult with the Service 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 habitats. The



Photo Credit: USGS - Sirenia Project

USGS

In response to requests for consultations from the U. S. Coast Guard with regard to manatees and sea turtles, the South Florida Office of the U. S. Fish and Wildlife Service has provided guidance about events such as fireworks displays, regattas, boat parades and races, and fishing tournaments.

Service issued regulations in 1986 detailing the consultation process, and we have since completed a handbook describing the process in detail. The handbook is available on our web site at http://www.fws.gov/endangered/esa-library/pdf/esa_section7_handbook.pdf.

What is the Service doing to facilitate the consultation process?

Designing projects in ways that are compatible with the conservation needs of listed species and their ecosystems is among the most effective methods of ensuring a more rapid and efficient section 7 consultation process, as well as species' recovery. The Information, Planning, and Conservation System is an emerging tool for action agencies, their applicants, and other project proponents to use

during the initial phases of project development and assessment. The system will allow for more effective integration of listed resource conservation needs and the eventual streamlining of section 7(a)(2) consultation.

How does a consultation get started?

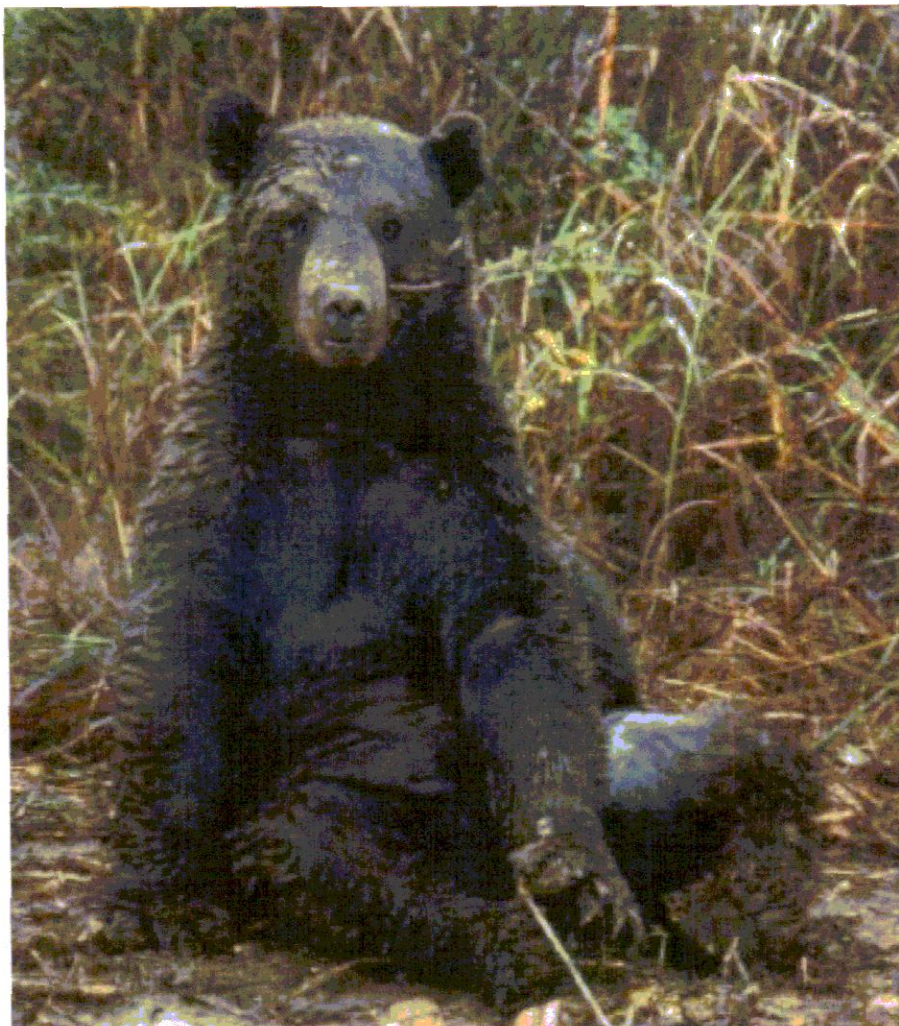
Early coordination is one of the most effective methods of (1) streamlining section 7 consultation, (2) reducing the need to make project modifications during the consultation process, and (3) improving the ability of section 7 to fulfill its role as a recovery tool. Federal agencies, applicants, and the Service engage in early coordination to develop methods of integrating proposed activities with the conservation needs of listed resources before the proposed actions are fully designed.

Before initiating an action, the Federal agency or its non-Federal permit applicant should coordinate with the Service as to the species that may be within their action area. If a listed species is present, the Federal agency must determine whether the project may affect it. If so, consultation may be required. If the action agency determines (and the Service agrees) that the project is not likely to adversely affect a listed species or designated critical habitat, and the Service concurs in writing, then the consultation (informal to this point) is concluded.

What happens if a Federal project may adversely affect a listed species?

If the Federal agency determines that a project is likely to adversely affect a listed species or designated critical habitat, the agency initiates formal consultation by providing information with regard to the nature of the anticipated effects. The ESA requires that consultation be completed within 90 days, and the regulations allow an additional 45 days for the Service to prepare a biological opinion. The analysis of whether or not the proposed action is likely to jeopardize the continued existence of the species or adversely modify designated critical habitat is contained in a biological opinion. If a jeopardy or adverse modification determination is made, the biological opinion must identify any reasonable and prudent alternatives that could allow the project to move forward.

The Service must anticipate any incidental take that may result from the proposed project and, provided that such take will not jeopardize the continued existence of the listed species, authorize that take in an incidental take statement. The latter contains clear terms and conditions designed to reduce the impact of the anticipated take to the species involved. The authorization of incidental take is contingent upon the Federal agency carrying out the terms and conditions. If the Service issues either a non-jeopardy opinion or a jeopardy opinion that contains reasonable and prudent alternatives, it may include an incidental take statement.



Dan Anderson/USFWS

This Louisiana black bear was one of the largest ever captured on Tensas River National Wildlife Refuge, weighing in at over 400 pounds. The bear was trapped using a leg-hold cable snare that does not injure the animal. The biological information obtained, including weight, sex, a tooth for aging, and other measurements, is part of the Service's ongoing research efforts to aid in the recovery of this threatened subspecies. Afterwards, the bear was released on site.

What is the consultation workload?

In Fiscal Year 2010, the Service assisted Federal agencies in carrying out their responsibilities under section 7 on more than 30,000 occasions. The vast majority of the workload was technical assistance to Federal agencies and informal consultations on actions that were not likely to adversely affect listed species or their designated critical habitat. A large percentage of projects, as initially planned, would have had adverse impacts to listed species, but were dealt with through informal consultation. In these situations, the Federal agency made changes to the project design so that adverse impacts to listed species were avoided.

What type of guidance is available for other Federal agencies?

Guidance is available on our section 7 web site at <http://www.fws.gov/endangered/what-we-do/consultations-overview.html>. Please call us at 703-358-2171 if you have any questions, or see our Endangered Species Program Contacts at <http://www.fws.gov/endangered/regions/index.html> to locate a Service office in your area.

**U. S. Fish and Wildlife Service
Endangered Species Program
4401 N. Fairfax Drive, Room 420
Arlington, VA 22203
703-358-2171
<http://www.fws.gov/endangered/>**

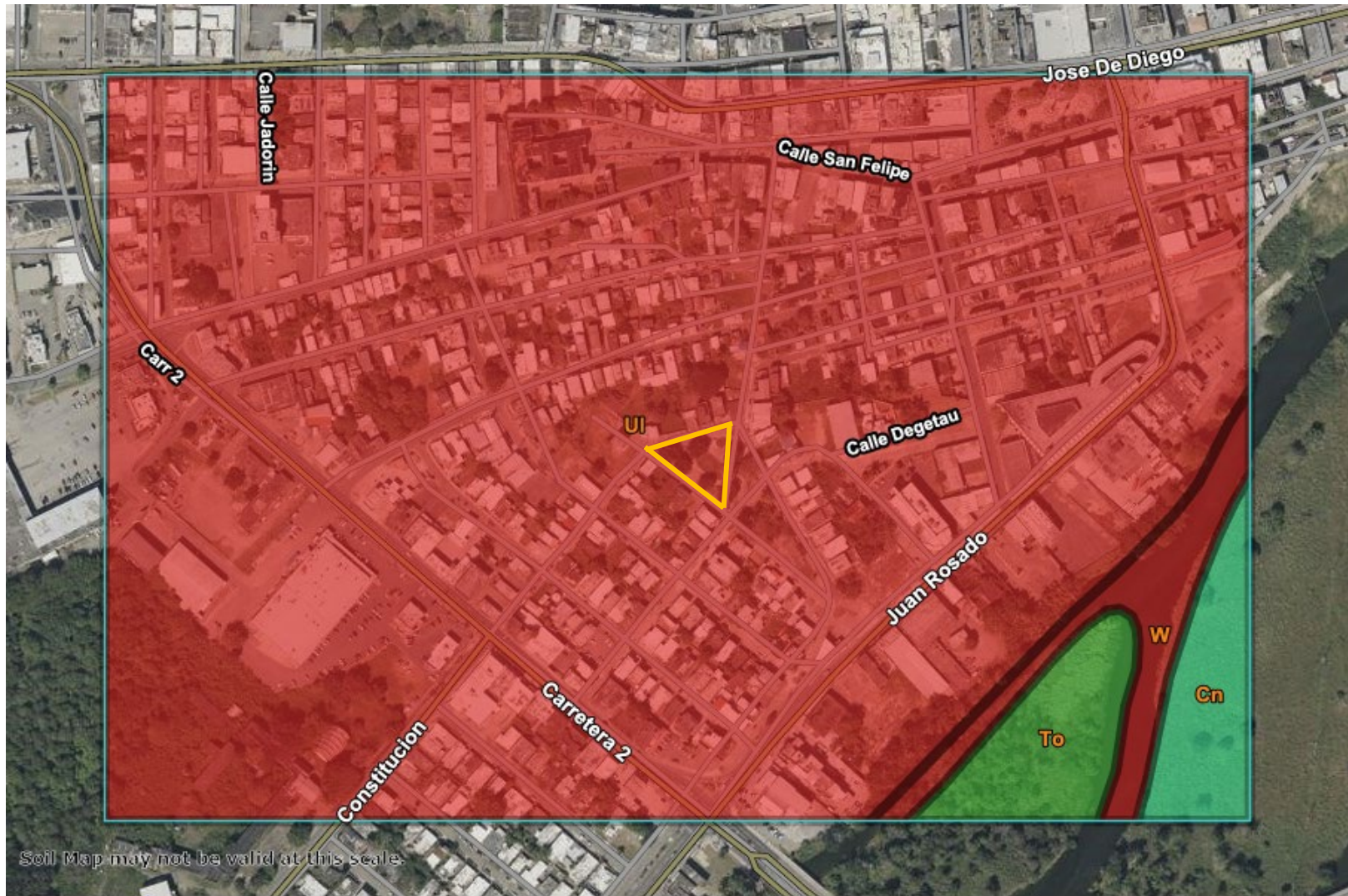
April 2011

Exhibit 8. Farmland Classification Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



740500 740800 740700 740800 740900 741000 741100 741200 741300 741400


Map Scale: 1:4,760 if printed on a landscape (11" x 8.5") sheet.

Meters 0 50 100 200 300

Feet 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84




 PR-CRP-000772

Source: U.S. Department of Agriculture (USDA) Web Soil Survey (Spatial Reference: WGS84), URL <https://websoilsurvey.nrcs.usda.gov/>

Prepared by 









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60



































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available

Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Arecibo Area, Puerto Rico Northern Part

	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		Not prime farmland		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, 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		Prime farmland if drained		Prime farmland if irrigated and reclaimed of excess salts and sodium	
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Prime farmland if irrigated		Farmland of statewide importance	
	Farmland of statewide importance, if drained		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 and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if drained	
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance		Prime farmland if irrigated and 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 local importance, if irrigated		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated	

Farmland Classification—Arecibo Area, Puerto Rico Northern Part

<ul style="list-style-type: none">  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 	<ul style="list-style-type: none">  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough  Farmland of statewide importance, if thawed  Farmland of local importance  Farmland of local importance, if irrigated 	<ul style="list-style-type: none">  Farmland of unique importance  Not rated or not available <p>Water Features</p> <ul style="list-style-type: none">  Streams and Canals <p>Transportation</p> <ul style="list-style-type: none">  Rails  Interstate Highways  US Routes  Major Roads  Local Roads <p>Background</p> <ul style="list-style-type: none">  Aerial Photography 	<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>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.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>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.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Arecibo Area, Puerto Rico Northern Part Survey Area Data: Version 20, Sep 10, 2024</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022</p> <p>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.</p>
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OFICINA ESTATAL DE

CONSERVACIÓN HISTÓRICA

GOBIERNO DE PUERTO RICO

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Friday, June 20, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-03-26-25-04 PR-CRP-000772 (Arecibo), Parque Central

Dear Ms. Poche,

We acknowledge receipt of the archaeological monitoring work plan dated May 16, 2025, for the case mentioned above.

The plan is deemed acceptable, and we concur with its implementation. Please notify the PRSHPO the archaeological monitoring start date 48 hours prior to the initiation of work. 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/MDC





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 29, 2025

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

RE: SHPO-CF-03-26-25-04 – PR-CRP-000772 - REVITALIZATION OF PLAZA BUENOS
AIRES, ARECIBO, PUERTO RICO – ARCHAEOLOGY MONITORING WORK PLAN
SUBMISSION

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated April 23, 2025, in response to the submission of documentation for PR-CRP-000772, Revitalization of Plaza Buenos Aires project. The letter stated your office had determined your records supported the finding of no adverse effect for the proposed undertaking conditioned to archaeological monitoring during all ground disturbing activities for the project, and the preparation and submission of an archaeological monitoring work plan for review and concurrence.

As such, we are submitting the requested Archaeological Monitoring Plan prepared by Archaeologist Dylan Zedaker and reviewed by Archaeologist Karen Anderson-Córdova. We are requesting your review of the prepared plan and concurrence that the implementation of the plan is appropriate for the 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

LBP/KPS

Attachments



PR-CRP-000772

**Revitalization of Plaza Buenos Aires
Arecibo, PR**

SHPO-CF-03-26-25-04

Submitted to:
PR State Historic Preservation Office

Prepared By:
Dylan Zedaker, MA
Archaeologist – ICF

Reviewed By:
Karen Anderson-Córdova, PhD
Archaeologist – HCC for ICF

Date:
May 16, 2025

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Preamble

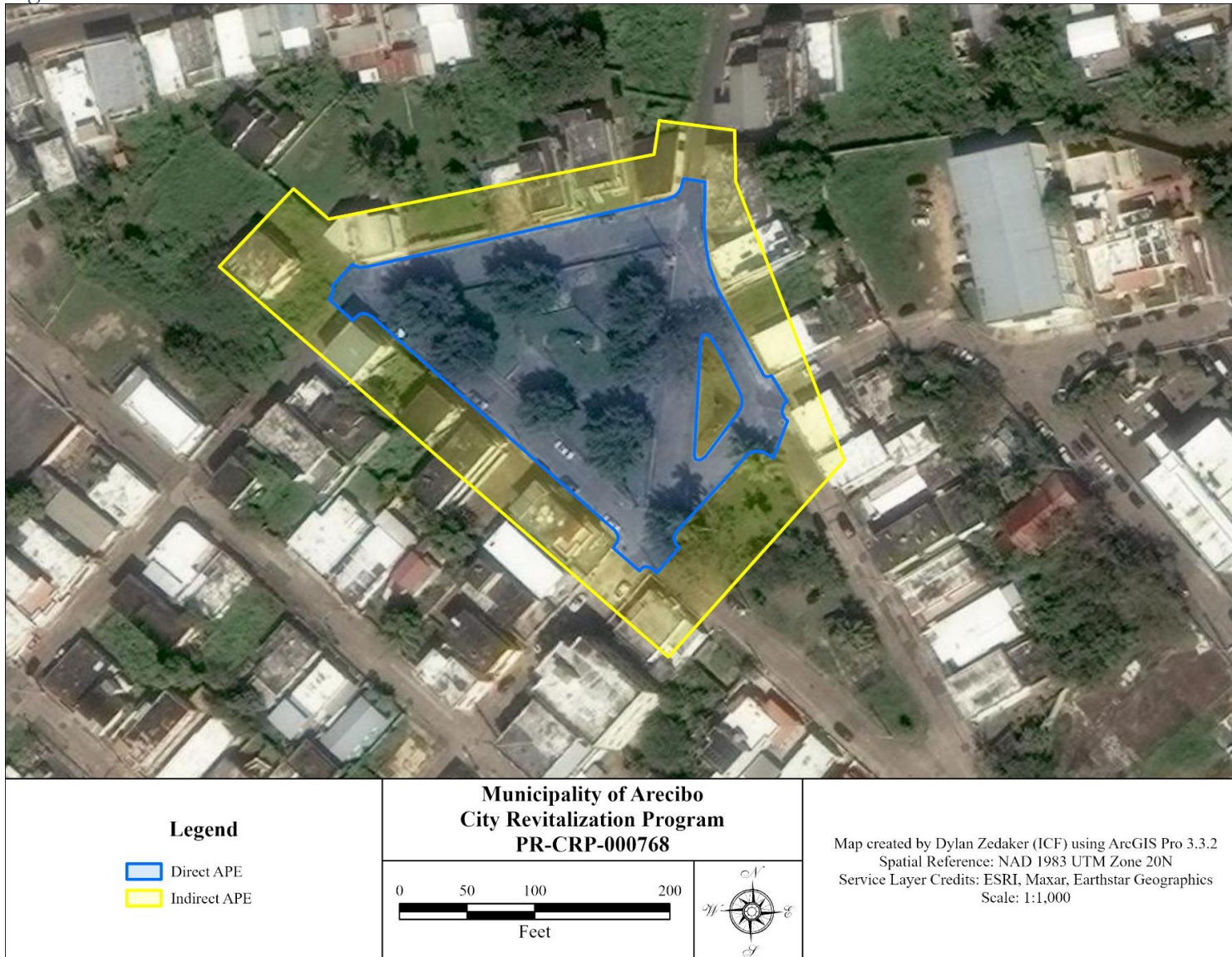
The Municipality of Arecibo is seeking Community Development Block Grant Disaster Recovery (CDBG-DR) funds financed by the federal Department of Housing and Urban Development due to damage received by the 2017 Hurricanes Irma and María. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of Guaynabo for the City Revitalization Program (CRP) as part of the CDBG-DR.

The rehabilitation project entails the redesign of the Plaza Buenos Aires and its green areas to create a distinct gathering place that caters to various community activities. Rehabilitation activities include the replacement of existing light fixtures with solar LED lights. Additional key features of the project include a playground space for children, equipped with safety gates to ensure a safe environment, an open-air exercise area will include fitness machines strategically placed under existing trees, and a reinforced concrete stage with a roof will be built to host cultural events and performances. A formal consultation with the Puerto Rico State Historic Preservation Office (PRSHPO) was prepared for the project in compliance with Stipulation II.A.4 of the Section 106 Programmatic Agreement¹ (PA) as amended in the form of an Effect Determination Form (EDF). PRSHPO, in a letter dated April 23, 2025, concurred with a finding of No Adverse Effect for this undertaking provided the condition to implement an archaeological monitoring plan during ground-disturbing activities including demolition and construction (see Appendix A). This monitoring plan is based on the Archaeological Monitoring Work Plan Template developed by Archaeologist Sharon Meléndez Ortiz, Horne PR, 2023.

The information in this document contains a summary of the information presented in the NHPA Section 106 EDF entitled Revitalization of Plaza Buenos Aires by Berenice Sueiro-Vázquez, Arleen Pabón-Charneco Ph.D., Karen Anderson-Córdova, Ph.D., and Dylan Zedaker, M.A. (2025). The Program has determined that the direct APE for this improvement project is the Plaza Buenos Aires and its five surrounding streets; approximately 20,472.96 square feet (1,902 square meters) with the construction staging within the Plaza (Figure 1). The indirect APE is the viewshed of the project and extends along the lots on each side of the streets surrounding Plaza Buenos Aires. On the north and west sides of the indirect APE, residential buildings and a few empty lots can be found, the east side includes residential buildings and a small triangular island with a bust of José González Maldonado (a local musician) on top of a pedestal, and the south side

¹ An addendum to the FEMA prototype PA was completed to include the PRDOH and CDBG-DR program (FEMA 2019).

Figure 1. APE Overview



includes a portion of the neighboring triangular park and residential buildings. The APE lies within the eligible Arecibo Traditional Urban Center (TUC).

The plan is consistent with the Secretary of the Interior's (SOI) Guidelines for Archeological Documentation, the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites, PR Regulation #8932 of the Council for Protection of the Puerto Rico Terrestrial Patrimony and PR Regulation #9233 of the OGP (Puerto Rico Permits Management Office). The monitoring plan was prepared by archaeologist Dylan Zedaker, MA with ICF. A technical review of the monitoring plan was performed by archaeologist Karen Anderson-Córdova, PhD with Historical Compliance Consulting. Both archaeologists exceed the requirements set forth in 36 CFR Part 61.

Description and Development of Plaza Buenos Aires

The APE is located within the Arecibo TUC, and to better understand the historic development of Plaza Buenos Aires, historic map research was performed for the Section 106 Effects Determination Form (EDF). The historic aerials used in this analysis are from 1931, 1950, and 1972 and were obtained from The Puerto Rico Department of Transportation and Public Works (DTOP 2025) and the United States Geological Service (USGS) Earth Explorer (USGS 2025) historic aerial image databases.

The earliest available historic aerial image of the Direct APE is from 1931 and shows the triangular parcel existing in roughly the same shape and size, bordered by roads with a similar geometry to the current roads. However, the parcel is otherwise flat and undeveloped with none of the currently existing plaza features present. Additionally, a small tributary of the Arecibo River runs east to west approximately 49.2 feet (15 meters) to the north of the APE. The next available historic aerial image of the Direct APE is from 1950 and shows a continuation of urban expansion to the south including construction of additional roads and residential blocks. The tributary of the Arecibo River still runs the same course. The last historic aerial image of the Direct APE for this analysis is from 1972 and it shows the most significant development of the Direct APE and the surrounding area. The tributary of the Arecibo River has been rerouted fully into the newly constructed canal approximately 0.6 miles (one kilometer) to the southwest of the APE. Lastly, the Plaza Buenos Aires has been further developed and is now extensively covered in concrete walkways and flat areas for public use.

In summary, there has been significant development of the Direct APE from 1931 to 1972. The natural tributary of the Arecibo River that passed nearby the Direct APE was rerouted into a canal sometime between 1950 and 1971; the extensive agriculture that took place to the south and west of the Direct APE has been replaced with commercial and residential blocks; and the parcel that makes up the Direct APE has gone through at least two distinct phases of development. The first occurred between 1931 and 1950, and the second occurred between 1950 and 1972. However, since the development appears to be primarily ornamental vegetation, concrete sidewalks and pads, the extent of soil disturbance related to these development activities is likely limited to surficial disturbance and likely does not exceed 11.8 to 15.7 inches (30 to 40 centimeters) below surface for the walkways and 19.7 to 23.6 inches (50 to 60 centimeters) for the ornamental vegetation.

The topography, hydrography, and soils within the APE indicate a high probability for potential prehistoric cultural materials. The soil composition of the direct APE, which is located in a floodplain, is classified as urban soil (U1-Urban land); however, nearby non-urban alluvial soils include Toa silty clay loam (To), Coloso silty clay (Co) and Bajura clay (Ba). All three of these soils have increasing clay content with depth, experience frequent flooding, and feature a typical profile that shows the A-horizon from 0-15 inches below surface, the B-Horizon from 15-40 inches below surface and the C-Horizon from 40 to 80 inches below surface.

Due to regular flooding of the Arecibo River floodplain and its tributaries, the natural movement of the river channel through time and lateral accretion of sediments, there is the potential for deeply buried and intact archaeological deposits within the APE. The previous surficial disturbance associated with the construction of and revitalization of Plaza Buenos Aires was not likely not deep enough to completely disturb the underlying soils, so there remains the potential for deeply buried and stratified archaeological deposits, which could be affected by ground disturbance related to the proposed project.

Description of Proposed Project

The project includes the demolition including the removal of 2,443.41 square feet (227 square meters) of reinforced concrete low walls 0.49 foot (0.15 meters) wide; 150.70 square feet (14 square meters) of reinforced concrete benches with a thickness of 0.33 foot (0.1 meters); 6,673.62 square feet (620 square meters) of slab on grade with a thickness of 0.33 foot (0.1 meters); 936.46 square feet (87 square meters) of curb and gutter 1.48 feet (0.45 meters) wide; and 3,121.53

square feet (290 square meters) of sidewalks with a thickness of 0.33 foot (0.1 meters), summing up to a total demolition volume of 5,862.23 cubic feet (166 cubic meters). Additionally, excavation work consists of 2,648.6 cubic feet (75 cubic meters) for the Aqua Box; 13,243 cubic feet (375 cubic meters) for planters' footings; 1589.16 cubic feet (45 cubic meters) for the stage footings; 176.574 cubic feet (5 cubic meters) for a sedimentation manhole; and 565.04 cubic feet (16 cubic meters) for the storm sewer pipes, for a total of 18,222.4 cubic feet (516 cubic meters) of excavation. Lastly, backfill material will be used, including 1,447.9 cubic feet (41 cubic meters) for the Aqua Box; 7,274.82 cubic feet (206 cubic meters) for planters' footings; 1,483.22 cubic feet (42 cubic meters) for the stage footings; and 317.83 cubic feet (9 cubic meters) for the storm sewer pipes, for a total of 10,523.8 cubic feet (298 cubic meters).

There are several different construction activities as part of this project that will require differing amounts of ground disturbance outlined in the Proposed Site Plan (Figure 2). The maximum depth of the ground disturbance for this project is the construction of the Aquabox Detention Tank foundations measuring approximately 2 meters in depth. All ground-disturbing activities and their extent are clearly described below based on the 95 percent design plans.

Ground Disturbing Activities

Two types of ground disturbing activities are outlined in the Design Plan, and proposed work activities were determined to be either a repair/rehabilitation activity or a construction activity. Repair/rehabilitation activities' depths of disturbance are minimal and generally within the extent of previous disturbance and there is no new ground disturbance. The Demolition Plan is outlined on page 4 of the design plans (Figure 3). Each new construction activity outlined in the previous section requires new ground disturbance with the extent of ground disturbance measured and mapped in the design plans. Additional ground-disturbing activities include the general movement of heavy machinery within the APE during construction, movement and storage of construction materials at the staging area, and any other activity that has the potential to displace soil or cause an adverse effect to historic properties or potential NRHP-eligible properties.

Figure 2. Proposed Site Plan

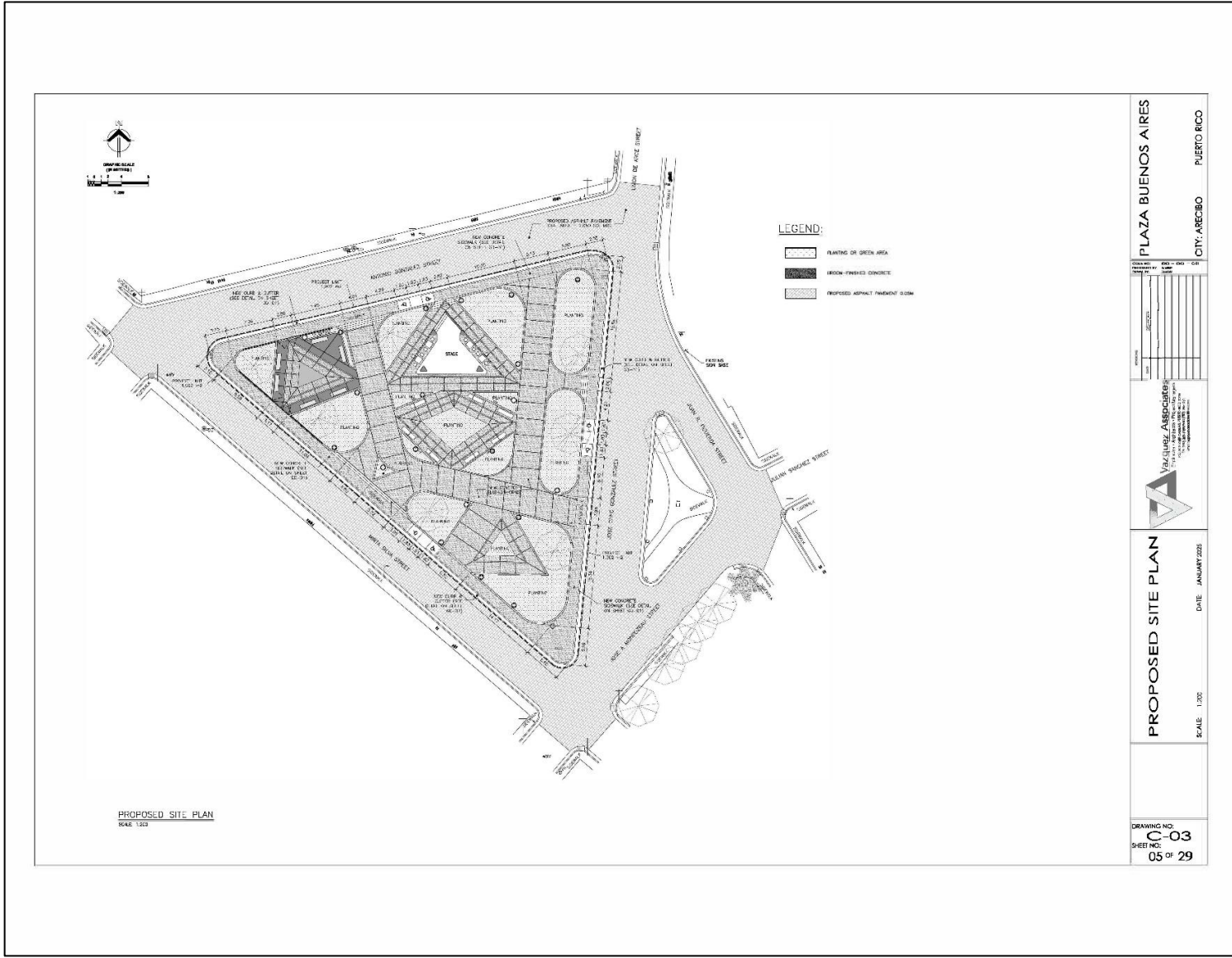
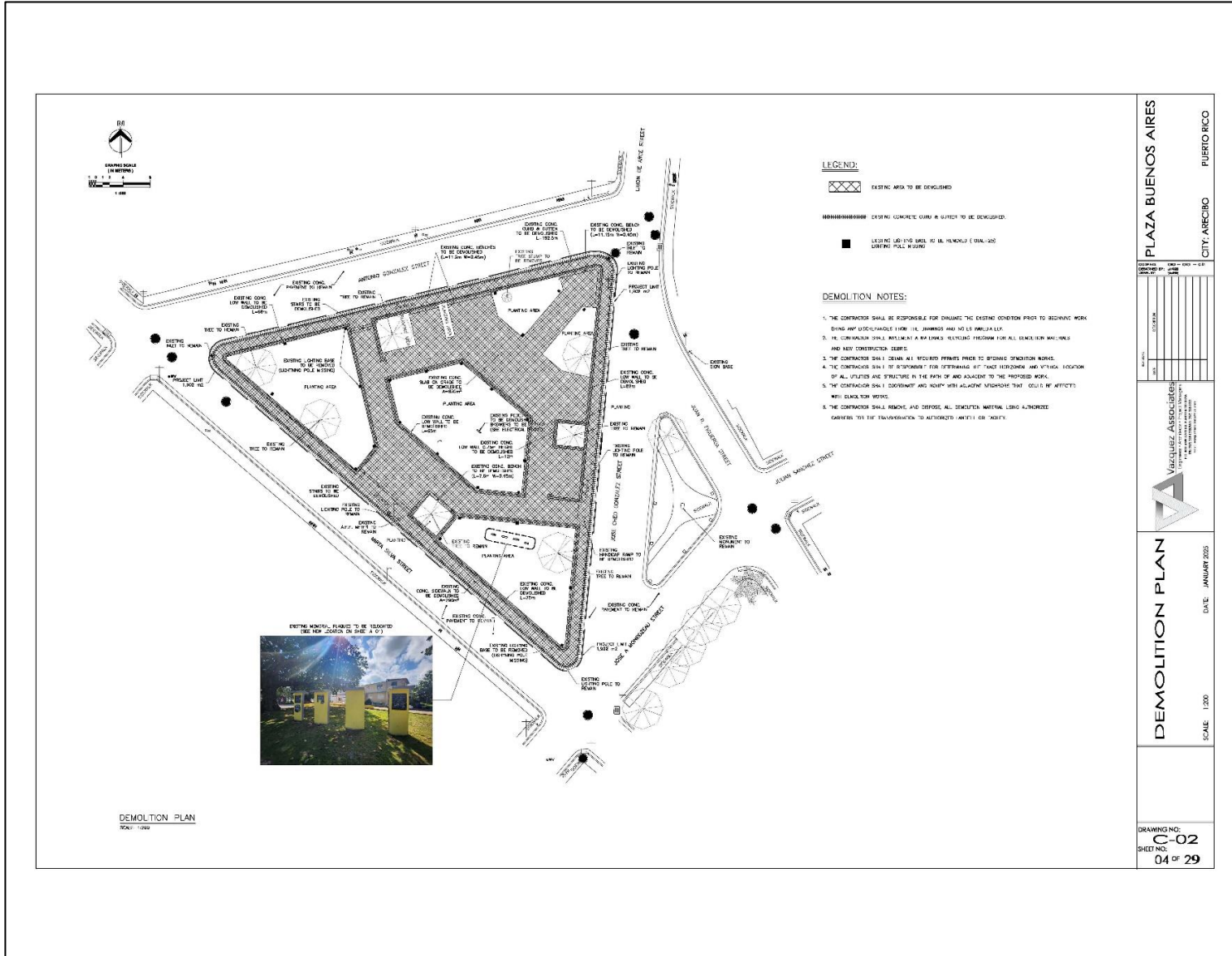


Figure 3. Demolition Plan



Repair/Rehabilitation Activities

1. Replacement of existing light fixtures with solar LED lights foundations with an estimated ground disturbance of 5 feet (1.54 meters).
2. Rehabilitation of planter foundations with an estimated ground disturbance of 4 feet (1.2 meters).
3. Rehabilitation of seating furniture and trash bins foundations with no ground disturbance.
4. Repair of existing sidewalks, curbs and gutters foundations with an estimated ground disturbance of 1.5 feet (0.45 meters).

Construction Activities

1. New construction of reinforced concrete walkway foundations with an estimated ground disturbance of 1.83 feet (0.45 meters).
2. New construction of monuments foundations with an estimated ground disturbance of 2 feet (0.61 meters).
3. New construction of ADA compliant ramp foundations with an estimated ground disturbance of 1.5 feet (0.45 meters).
4. New construction of a storm water control system, including catch basins, grate inlets and manhole with an estimated ground disturbance of 1.2 feet to 5.5 feet (0.35 meters to 1.67 meters).
5. New construction of stage foundations with an estimated ground disturbance of 5 feet to 6 feet (1.52 meters to 1.83 meters).
6. New construction of exercise area foundations with an estimated ground disturbance of 1.5 feet (0.46 meters).
7. New construction of new walls and new playground equipment foundations with an estimated ground disturbance of 4 feet (1.2 meters).
8. New construction of Aquabox Detention Tank foundations with an estimated ground disturbance of 5.74 feet to 6.33 feet (1.76 meters to 1.93 meters).
9. New construction of asphalt pavement for pathways and selected areas foundations with no ground disturbance

The construction crew must coordinate with the archaeological monitor and ensure access during these excavations. Depending on all applicable construction safety regulations, the archaeological monitor will require either direct access to the excavation or direct access to the excavated soil to ensure archaeological resources are not being impacted. The soil will need to be removed in increments that are manageable for evaluation and testing by the archaeological monitor. This is to ensure that a large volume of soil is not excavated all at once, which would not allow for a thorough analysis by the archaeological monitor. The construction crew is to follow the directions of the archaeological monitor in terms of the pace of the excavation and volume of soil removed. While this process may result in slower excavation, it is paramount to proper execution of this monitoring plan.

Archaeological Evaluation and Monitoring Procedure

The objectives of this archaeological monitoring plan are: (1) to establish measures to prevent direct adverse effects on historic properties; (2) to establish the protocol to be followed by the monitor and construction crew before, during, and after construction; (3) to establish the protocol to be followed in the event of an inadvertent discovery of archaeological resources; (4) to establish the protocol to be followed in the event of an inadvertent discovery of human remains; (5) to outline the documentation required and relevant timelines for deliverables; and lastly (6) to ensure the protection of cultural resources throughout the proposed scope of work.

The monitoring activities are divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to ground-disturbing activities such as the demolition and new construction activities defined in the previous section and the design plans. Those activities that do not require ground disturbance do not require an archaeological monitor. The monitor shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications outlined in the Professional Qualifications section.

The background research on historic properties within the direct APE suggests that there may be potential for prehistoric and historic archaeological resources within the APE. According to historic aerial photographs, Plaza Buenos Aires has been revitalized multiple times. Potential historic artifacts related to these revitalization efforts could include glass, metal, and ceramics and potential historic structures include cisterns, floors, walls, wells, and foundations. The closest recorded prehistoric archaeological site is El Caney (AR100005), an NRHP-eligible habitation site that is located approximately 0.24 miles northeast of the APE. Potential prehistoric artifacts include but are not limited to the three documented stages of occupation including ceramics of the Cuevas style of the Saladoid series, the Elenoide series, and the Chicoide style of the Taíno series., shells, groundstone tools such as polishing stones, manos and metates, bifacially flaked-stone tools such as scrapers, and debitage related to the lithic reduction process such as flakes and shatter. Potential prehistoric features include but are not limited to charcoal or ash-stained soils, middens, and post-holes. If a member of the construction crew sees any potential archaeological resources during any phase of construction, they shall call a stop work until the monitor has been able to assess the validity and eligibility of the potential archaeological resources.

It is important to distinguish between the treatment of expected finds (for which the plan is being implemented) and historically significant archaeological resources. Expected finds for this project include remains related to the previous iterations of Plaza Buenos Aires including pavements and walls. If encountered, expected finds will be documented immediately and then follow the course of the project without triggering consultation with PRSHPO. Historically significant archaeological resources for this project include the discovery of an unknown prehistoric site, complex structures, remains of unknown household structures and their associated middens or stratified deposits underlying the existing pavement. If encountered, historically significant finds shall follow the inadvertent discovery plan process outlined in bullet 6 of the following During Demolition and Construction section.

Before Construction Begins

1. The Municipality and Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and SOI-qualified archaeological monitor (monitor) of the proposed activities' start date. The PM is responsible for coordination between the CM and monitor. The GM shall notify the PRSHPO of the start date of the project and of the archaeologist who will be conducting the monitoring.
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 CM. The monitor will provide an orientation on the area's cultural 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 CM will ensure that all personnel in the field are aware that the monitor can provide instructions directly to the construction field crew personnel concerning how to proceed when there is the potential to impact an archaeological resource. The construction field personnel will abide by these requests' examples of which include excavating slowly, stopping the excavation to evaluate a finding, etc.

During Demolition and Construction

1. The monitor shall be in the field during all project activities involving demolition and construction with full access and clear sightlines to all demolition and construction activities. If ground-disturbing work is conducted in multiple locations simultaneously, then a monitor shall be present at each site. Therefore, the number of monitors required in the field will vary based on the number of locations where ground-disturbing work is occurring.
2. The monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is the potential to impact an archaeological resource. The construction field personnel shall abide by these requests and exercise caution when excavating in areas that may contain buried archaeological resources.
3. The Monitor shall keep a record of monitored activities. The monitor shall fill out the Daily Record of Activities Form (see Appendix B). These forms shall be sent weekly to the GM for review and will be included in the final report.
4. 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.
5. The monitor shall document all other archaeological remains identified during construction activities, except for previously unidentified historically significant findings. 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.
6. If historically significant archaeological materials are encountered, per stipulations III.B.1.a. and III.B.1.b of the PA, an inadvertent discovery plan shall be implemented and the monitor shall instruct the construction crew to immediately

cease work within the vicinity of the inadvertent discovery; take all reasonable measures to avoid or minimize harm to the property; notify the Municipality, PM, CM, and GM of which the GM shall immediately notify the PRSHPO; and adhere to the following protocol:

- i. The monitor shall make a preliminary assessment in an Inadvertent Discovery Report. The assessment shall include a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings including a site plan. Additionally, the assessment shall include an NRHP-eligibility determination. Lastly, the assessment shall also implement a work plan for continuing construction in recognition of the inadvertent discovery.
- ii. The Inadvertent Discovery Report shall be submitted via email to the PM and GM within 24 hours of the discovery. Construction shall not continue in the vicinity of the inadvertent discovery until the following steps have been completed and the PRSHPO has concurred with the NRHP-eligibility determination.
 1. The GM shall notify the PRSHPO of the NRHP-eligibility determination. If the finding is **not eligible** to the NRHP, the GM shall notify the PRSHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the PRSHPO disagrees with the NRHP determination and makes a timely objection within 48 hours of notification.
 2. 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 PRSHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the PRSHPO makes a timely objection within 48 hours of the notification.
 3. If the project activities have an **adverse effect** on the NRHP-eligible finding, a data recovery plan will be implemented as a treatment measure per Appendix F.H 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 (NPS 1983) and the Advisory Council on Historic Preservation's (ACHP 2009) recommendations on the recovery of significant information from archaeological sites. The data recovery plan and research design shall be submitted to the GM for comments, who after review shall submit the plan to the PRSHPO for comments and approval. The PRSHPO shall have two weeks to comment on the data recovery plan. This treatment measure does not apply to burials or human remains.

4. PRDOH in consultation with the PM, GM and Municipality shall determine a specific plan for the curation of artifacts as well as field and laboratory records in accordance with the provisions of 36 CFR Part 79, per stipulation III.C.2.a. of the PA.
7. 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 monitor will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the PRSHPO prior to implementation. The PRSHPO will have fifteen days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the PRSHPO has no objection and concurs with the recommendations outlined.
8. If during construction activities a known historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the Municipality, PM, GM. 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 PRSHPO prior to implementation. The PRSHPO

will have 48 hours to comment on the recommendations. If no communication is received within that timeframe, it will be understood that the PRSHPO has no objection and concurs with the recommendations outlined.

After Construction Ends

1. Upon the completion of archaeological monitoring, the Municipality, PM and GM shall be notified. The PM shall be responsible for submitting the last weekly report to the GM, who after review will forward it to the PRSHPO.
2. A technical report shall be prepared detailing monitored construction activities, documentation for archaeological features or other findings, location of temporary curatorial repository for any artifacts, and analysis and interpretation of the results. The report must include visual information, such as drawings, photographs, an overview map of the APE with all archaeological resources encountered plotted on the map to scale, and sketch maps of any archaeological features. The report shall be submitted to the GM no later than four to eight weeks after completing the archaeological monitoring work. The GM shall submit the report to the PRSHPO no later than one (1) week after receiving it.

Human Remains

If any member of the construction team believes an inadvertent discovery involving possible human remains has occurred, they shall call a stop work in the immediate vicinity and notify the monitor. The archaeological monitor must adhere to the following protocol:

1. Stop working immediately.
2. Project personnel should not take photographs of potential remains and the remains should be treated with dignity and respect, left in situ and protected from further disturbance or harm.
3. Per stipulation III.B.1.a. and III.B.1.b of the PA, the monitor shall immediately notify the local law enforcement office and the coroner/medical examiner, following applicable Commonwealth statute(s).
4. The monitor shall notify the GM who in turn shall notify the PRSHPO within 24 hours of identifying human remains.
5. The coroner or law enforcement office will make the official ruling on the

nature of whether the remains are forensic or archaeological.

6. If the remains are determined to be archaeological and native to Puerto Rico, then per stipulation III.B.1.d.iii. of the PA, subsequent actions concerning the remains shall follow the guidelines outlined in the ACHP's *Policy Statement Regarding the Treatment of Burial Sites, Human Remains, and Funerary Objects* (ACHP 2023).
7. The decision concerning whether to mitigate potential impacts to the remains by avoidance, or whether to disinter the remains for reinterment in a new location shall be made by the GM in consultation with the PRSHPO and shall be consistent with all applicable state statutes and regulations.
8. Construction shall not continue in the area around the human remains as determined by the archaeological monitor until a determination from the GM and PRSHPO has been made, and the plan has been executed on-site by the archaeological monitor.

Summary of Anticipated Products

Daily Monitoring Record of Activities Form – This form should include a description of daily tasks completed including but not limited to demolition activities, construction activities, and their results. It should be completed daily and compiled weekly for submission to the PM and GM for review.

Inadvertent Discovery Report – This report should include identification of any historically significant findings, their location, a detailed description, context, provenience, photos, to-scale plan drawing, the integrity and importance of the findings, and clear recommendations for eligibility status. This shall be submitted to the PM and GM within 48 hours of the inadvertent discovery.

Archaeological Monitoring Plan Final Report – The final report will include the following sections at a minimum: Introduction, Methods, Results, Discussion, and Conclusion. Additionally, the report shall include any relevant photographs of artifacts, features, fieldwork and any relevant maps that show the location of any archaeological resources encountered. Lastly, all fieldwork paperwork such as the Daily Record of Activities Forms, Weekly Reports, and Inadvertent Discovery Reports shall be included and the results summarized in the report. The final report shall be submitted to the PM and GM no later than four to eight weeks after completion of the archaeological monitoring work. The GM shall review the report and submit it to the PRSHPO no later than one week after receiving it.

Professional Qualifications

The monitor(s) must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36 CFR Part 61 (NPS 1983). These are: a graduate degree in archaeology, anthropology, or closely related field; 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 historic period.

References

Advisory Council on Historic Preservation (ACHP)

2023 Policy Statement Regarding the Treatment of Burial Sites, Human Remains, and Funerary Objects. ACHP, Washington, DC.

<https://www.achp.gov/digital-library-section-106-landing/achp-policy-statement-burial-sites-human-remains-and-funerary>

2009 Section 106 Archaeology Guidance. ACHP, Washington, DC

https://www.achp.gov/protecting-historic-properties/Section_106_Archaeology_Guidance

Federal Emergency Management Agency

2019 Second Amendment to Programmatic Agreement among the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Officer, and the Puerto Rico Central Office for Recovery, Reconstruction and Resiliency.

National Park Service

1983 Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Archaeological Documentation.

<https://www.nps.gov/subjects/historicpreservation/upload/standards-guidelines-archeology-historic-preservation.pdf>

Puerto Rico Department of Transportation and Public Works.

2025, Geographic Information Systems Office, Puerto Rico Highway and Transportation Authority. Electronic Document.

https://fotosaereas.dtop.pr.gov/apps/Shop_ACTGIS/ accessed February 9, 2025.

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2025 Puerto Rico 2017 Disaster Recovery, CDBG-DR Program. City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination Form entitled Revitalization of Plaza Buenos Aires, Arecibo, PR (PR-CRP-000772).

United States Geological Service.

2025, USGS Earth Explorer Historic Aerial Image Database. Electronic document.

<https://earthexplorer.usgs.gov/> accessed March 3, 2025.

Vásquez Associates

2025 PR-CRP-000772 95% Design Plans for Plaza Buenos Aires

Appendices

Appendix A: SHPO Concurrence Letter



GOBIERNO DE PUERTO RICO

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Wednesday, April 23, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-03-26-25-04 PR-CRP-000772 (Arecibo), Parque Central

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation.

After a review of all the documentation, the PRSHPO concurs with your determination that the proposed project will have no adverse effect on historic properties conditioned to a archaeological monitoring during all ground disturbing activities for the project. An archaeology monitoring work plan must be submitted to PRSHPO for its review and concurrence before any works initiates.

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/MDC



Appendix B: 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: _____

Description of work performed by contractor and supervised by the Monitor:

	YES	NO
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 <small>GOBIERNO DE PUERTO RICO</small></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: Description:</p>	
<p>Direction of Photo: Description:</p>	

Appendix C: 95 Percent Design Plans



OFICINA ESTATAL DE

CONSERVACIÓN HISTÓRICA

GOBIERNO DE PUERTO RICO

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Wednesday, April 23, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-03-26-25-04 PR-CRP-000772 (Arecibo), Parque Central

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation.

After a review of all the documentation, the PRSHPO concurs with your determination that the proposed project will have no adverse effect on historic properties conditioned to a archaeological monitoring during all ground disturbing activities for the project. An archaeology monitoring work plan must be submitted to PRSHPO for its review and concurrence before any works initiates.

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/MDC





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

3/26/2025

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-000772,
REVITALIZATION OF PLAZA BUENOS AIRES, ARECIBO, 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, PRDOH contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support their objectives for the CDBG-DR funds.

On behalf of PRDOH, HORNE is submitting documentation for the proposed Revitalization of Plaza Buenos Aires, located within the Arecibo Traditional Urban Center. The Municipality of Arecibo proposes to redesign the Plaza Buenos Aires and its green areas to create a distinct gathering place that caters to various community activities. Proposed improvements include:

- The replacement of existing light fixtures with solar LED lights;
- The construction of a playground space for children equipped with safety gates;
- An open-air exercise area;
- A reinforced concrete stage with a roof. Benches and tables will surround the structure;
- A separate shaded area with benches and tables;
- A large open area in the center of the plaza, which will include four vertical pillar-like elements adorned with commemorative plaques;
- All planters within the plaza will be treated with a concrete finish.

The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 95% design development plans.

Based on the provided documentation, the Program requests a concurrence with a determination that "**No Adverse Effect**" is appropriate for this undertaking, conditioned to archaeological monitoring for all ground-disturbing activities and excavations. If this condition is deemed appropriate, an archaeological monitoring plan will be prepared and submitted to the PRSHPO for review and concurrence of the appropriateness of its implementation for this undertaking.

If you have any questions or concerns, please contact me 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/JCO


Attachments

PR-CRP-000772

REVITALIZATION OF PLAZA BUENOS AIRES
PROJECT

ARECIBO, PUERTO RICO

SECTION 106 EFFECT DETERMINATION FORM

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
CITY REVITALIZATION PROGRAM (CITY-REV)		
Section 106 NHPA Effect Determination		
Subrecipient: Municipio de Arecibo		
Project Name: Revitalization of Plaza Buenos Aires		Project ID: PR-CPR-000772

Project Location: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico	
Project Coordinates: 18.469548, -66.718328	
TPID (Número de Catastro): 012-096-188-01	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): 1 st half of 20 th century	Property Size (acres): 0.4699 acres

SOI-Qualified Architect/Architectural Historian:	Ms Berenice Sueiro-Vázquez Dr Arleen Pabón-Charneco
Date Reviewed:	January-February-March 2025
SOI-Qualified Archaeologist:	Mr Dylan Zedaker
Date Reviewed:	January-February-March 2025
SOI-Qualified Reviewer(s):	Dr Karen Anderson-Córdova Architect Carmen-Marla López
Date Reviewed:	March 2025


In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the National Register of Historic Places (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. It has been determined by the SOI-qualified professionals that the project undertaking does not conform to Stipulation II.A (Project Review – Programmatic Allowances) of the Section 106 Programmatic Agreement (PA) among FEMA, SHPO and COR3, as amended (May 3, 2023).¹

Project Description (Undertaking)

The Municipality of Arecibo, assisted by the Puerto Rico Department of Housing (Departamento de la Vivienda de Puerto Rico) (PRDOH) and the Puerto Rico 2017 Disaster Recovery, CDBG-DR Program - City Revitalization Program (Programa de Revitalización de la Ciudad del Gobierno Federal) (CITY-REV), proposes to rehabilitate Plaza Buenos Aires and its surrounding streets in Arecibo. (See "Project Architectural Plans, Arecibo Puerto Rico – Drawing Plan 95%.") As a result of Hurricanes Irma and María, the triangular Plaza Buenos Aires suffered serious infrastructure damage requiring complete rehabilitation. The Arecibo Municipality proposes to repair and improve this public site, which is next to a park also in triangular shape. (See Figures 1, 2, and 3.) (See Photographs 1-18 and Photo Key Map.)

Plaza Buenos Aires is within the Traditional Urban Center (TUC) of Arecibo – as established by the Puerto Rico State Historic Preservation Office (PRSHPO) – bounded by Antonio González Street on the north, José "Cheo" González and Juan R Figueroa Streets, on the east, José A Monrozeau Street on the southeast, and Mirta Silva Street on the southwest. The project encompasses the triangular area of the plaza, extending from the curb and gutter to the sidewalks. The rehabilitation project includes the American with Disabilities Act (ADA)-compliant ramps and the

¹ Previous Section 106 NHPA Effect Determination Forms (EDFs), prepared by Dr Heidi J Dilan and Dr Maritza Torres Martínez, were reviewed by the Program on 15 August 2023, 3 November 2023, 26 March 2024, 19 July 2024, and 27 December 2024. Additional reviews of the Section 106 NHPA EDFs were conducted by the HORNE Historic Preservation Grant Manager on 22 August 2024 and 7 January 2025. The present EDF, prepared by Historical Compliance Consulting (HCC) and ICF, is a new document based on new methodology, as well as research, and interpretative activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Arecibo	
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paving with asphalt of the streets surrounding the triangular site. The small triangular island on the southeast area is not part of the project. (See Figures 1, 2, and 3.)

The rehabilitation project entails the redesign of the Plaza Buenos Aires and its green areas to create a distinct gathering place that caters to various community activities. Rehabilitation activities include the replacement of existing light fixtures with solar LED lights. Additional key features of the project include a playground space for children, equipped with safety gates to ensure a safe environment. An open-air exercise area will include fitness machines strategically placed under existing trees. A reinforced concrete stage with a roof will be built to host cultural events and performances. This structure will be surrounded by benches and tables for playing board games such as dominoes and chess. A separate shaded area with benches and tables will be created, providing a comfortable space for eating and relaxing under the trees. A large open area in the center of the plaza will be designed for gatherings and community activities. This space includes four vertical pillar-like elements adorned with commemorative plaques dedicated to the Municipality musicians. All planters within the plaza will be treated with a concrete finish.

Given that Plaza Buenos Aires is in a flood-prone area next to the rivers system that exist to the east of the Arecibo TUC, a sustainable drainage system will be incorporated. A water collection system (Aqua Box) will be installed within one of the central planters. This system will mitigate the risk of flooding. The collected water will be released gradually through an overflow system, preventing excess water from contributing to urban flooding.

The project also includes demolition and excavation work. The excavation consists of 2,648.6 cubic feet (75 cubic meters) for the Aqua Box; 13,243 cubic feet (375 cubic meters) for planters' footings; 1589.16 cubic feet (45 cubic meters) for the stage footings; 176.574 cubic feet (5 cubic meters) for a sedimentation manhole; and 565.04 cubic feet (16 cubic meters) for the storm sewer pipes, for a total of 18,222.4 cubic feet (516 cubic meters) of excavation. Additionally, backfill material will be used, including 1,447.9 cubic feet (41 cubic meters) for the Aqua Box; 7,274.82 cubic feet (206 cubic meters) for planters' footings; 1,483.22 cubic feet (42 cubic meters) for the stage footings; and 317.83 cubic feet (9 cubic meters) for the storm sewer pipes, for a total of 10,523.8 cubic feet (298 cubic meters).

Demolition efforts include the removal of 2,443.41 square feet (227 square meters) of reinforced concrete low walls 0.49 foot (0.15 meters) wide; 150.70 square feet (14 square meters) of reinforced concrete benches with a thickness of 0.33 foot (0.1 meters); 6,673.62 square feet (620 square meters) of slab on grade with a thickness of 0.33 foot (0.1 meters); 936.46 square feet (87 square meters) of curb and gutter 1.48 feet (0.45 meters) wide; and 3,121.53 square feet (290 square meters) of sidewalks with a thickness of 0.33 foot (0.1 meters), summing up to a total demolition volume of 5,862.23 cubic feet (166 cubic meters).

The rehabilitation of Plaza Buenos Aires aims to create a vibrant public space that enhances the quality of life of the sector and the Arecibo Municipality residents and visitors. By incorporating recreational, cultural, and social areas, the site will serve as a multifunctional urban hub, fostering community engagement and well-being.

The project construction staging site will be in Plaza Buenos Aires southwest corner. Given Arecibo's sensitive archaeological nature, a table with estimated foundation depths for each activity is included. (See Table 1.)


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Project Name: Revitalization of Plaza Buenos Aires		Project ID: PR-CPR-000772

TABLE 1
PROPOSED CONSTRUCTION ACTIVITIES AND ESTIMATED GROUND DISTURBANCE

ACTIVITY	DESCRIPTION	ESTIMATED DEPTH OF GROUND DISTURBANCE
Repair / Rehabilitation	Replacement of existing light fixtures with solar LED lights foundations	5.0 feet (1.54 meters)
	Rehabilitation of planter foundations	4.0 feet (1.2 meters)
	Installation of new seating furniture and trash bins foundations	N/A
	Repair of existing sidewalks, curbs and gutters foundations	1.5 feet (0.45 meters)
New Construction	Installation of reinforced concrete walkways foundations	1.83 feet (0.56 meter)
	Monuments foundations	2.00 feet (0.61 meter)
	Construction of ADA compliant ramps foundations	1.5 feet (0.45 meters)
	Installation of a storm water control system, including catch basins, grate inlets and manhole	1.2 feet to 5.5 feet (0.35 to 1.67meters)
	Construction of stage foundations	5.00 – 6.00 feet (1.524 – 1.83 meters)
	Construction of exercise area foundations	1.5 feet (0.46 meters)
	Construction of new walls and new playground equipment foundations	4.0 feet (1.2 meters)
	Construction of Aquabox Detention Tank foundations	5.74 – 6.33 feet (1.76 – 1.93 meters)
	Installation of asphalt paving for pathways and selected areas foundations	N/A

Area of Potential Effects

As defined in 36 CFR §800.16(d), the 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 is the Plaza Buenos Aires and its five surrounding streets; approximately 20,472.96 square feet (1,902 square meters). As mentioned, the construction staging area will be within the Plaza. The proposed undertaking will have no adverse effect on the Plaza Buenos Aires and its surrounding streets. As mentioned, Plaza Buenos Aires is within the Arecibo TUC, an eligible district for inclusion in the NRHP. (See Figures 1, 2, and 3.) The project will have **no** effect on the TUC.

The Visual APE extends along the lots on each side of the streets surrounding Plaza Buenos Aires. On the north and west sides of the visual APE, residential buildings and a few empty lots can be found. (See Photographs 1-18 and Photo Key Map.) The east side includes residential buildings and a small triangular island with a bust of José González Maldonado (a local musician) on top of a pedestal. The south side includes a portion of the neighboring triangular park and residential buildings. (See Table 2.)


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TABLE 2
 APROXIMATE DISTANCE FROM PROJECT AREA TO THE BORDER OF THE VISUAL APE

DIRECTION	APPROXIMATE DISTANCE
North	35 feet
East	35 feet
South	55 feet
West	35 feet

Environmental Setting

The Arecibo Municipality is in the geomorphological region of Puerto Rico's northern coastal plain, an area that includes a variety of environments, such as: coastal fringe, alluvial valley, karst hills (mogotes), and small valleys located among karst hills. The coastal plain is limited to the south by high cemented dunes, followed by valley lowlands and interior alluvial valleys of the northern karst and limited to the North by the Atlantic Ocean. Arecibo sits at the mouth of the Arecibo River and is characterized by frequent flooding and significant deposition of sediment. This riverine environment provided ample resources for human settlement since early Prehistoric to Colonial times and indicates the potential for deeply buried archaeological resources. (See Figure 4.)

Soil data in the APE was assessed and mapped based on the Web Soil Survey online database from the United States Department of Agriculture (USDA 2025). (See Figure 4.) The soil within the APE is currently classified as urban soil (U1-Urban land). This soil classification is true for the entirety of the developed portion of Arecibo. However, the development terminates at the Arecibo River, and soils to the east of the river are representative of the native soils that would have underlain Arecibo before urban development. These soils include Toa silty clay loam (To) a well-drained soil that is formed from stratified alluvium derived from igneous, metamorphic and sedimentary rock with 0 to 2 percent slopes; Coloso silty clay (Co) a somewhat poorly drained soil that is formed from stratified silty and clayey alluvium derived from volcanic and sedimentary rocks with 0 to 2 percent slopes; and Bajura clay (Ba) a poorly drained soil that is formed from clayey alluvium derived from igneous, metamorphic, and sedimentary rock with 0 to 2 percent slopes. All three of these soils have increasing clay content with depth, experience frequent flooding, and feature a typical profile that shows the A-horizon from 0-15 inches below surface, the B-Horizon from 15-40 inches below surface and the C-Horizon from 40 to 80 inches below surface. Depending on the degree to which the urban land soils within Arecibo have been disturbed from urban development, the soils within the APE are most likely modified versions of the native silty clay soils to the east of the Arecibo River.


HISTORIC CONTEXT

Prehistoric Period

The variety of environments in Arecibo allowed for the exploitation of ample resources for the early inhabitants of the island. Archaeological investigations in the area have documented a total of 122 sites, spanning from the Archaic period to the 19th century. These include 50 Pre-Columbian sites, 63 historic sites, and nine multi-component sites. These sites demonstrate the occupation of Arecibo during all known chronological periods in Puerto Rico. The prehistoric context information contained in this section is summarized from "Sitios Arqueológicos de Arecibo - Resumen Arqueológico del Municipio de Arecibo."²

In Puerto Rico, the Pre-Columbian chronological periods consist of the Archaic, Ceramic, and Historic periods (Rouse 1952). The earliest sites documented for Arecibo are Cueva del Abra (AR0100002) and Cueva Ventana (AR0100014) from the Pre-Arawak culture dated to the Archaic period. Cueva Ventana consists of five rock art

² Puerto Rico State Historic Preservation Office, San Juan, Puerto Rico, "Sitios Arqueológicos de Arecibo - Resumen Arqueológico del Municipio de Arecibo" (MS: San Juan, Puerto Rico, 2016).

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panels that contain 24 petroglyph elements and 6 pictograph elements. Additionally, there is an archaeological deposit consisting of stone, coral files, shell, Pre-Arawak ceramics and carbonized food remains, which have provided relative dates of 2040 to 950 BC.

The Ceramic period for this area is represented by Agro-Pottery I, II, and III habitation sites such as El Caney (AR100005), Río Tanamá Site 1 (AR0100038), Río Tanamá Site 2 (AR0100039), and rock art sites containing petroglyphs and pictographs such as Miraflores Cave (AR0100001), Cueva del Indio (AR0100003), Cueva Ventana (AR0100014), and Cueva Los Nepos (1 AR0100022). El Caney (AR100005), which has been the subject of numerous archaeological studies, represents a Ceramic period site. Most notably, diagnostic materials recovered indicate three stages of Pre-Columbian habitation through the identification of the Cuevas style of the Saladoid series, the Elenoide series, and the Chicoide style of the Taíno series (Aresti 1951). Río Tanamá Site 2 represents an Agro-Pottery I and II habitation site (Late Saladoid/Early Ostionoid, ca 400-800 AD). The archaeological deposit contains Cuevas and Ostiones ceramics, faunal remains, human remains, and a variety of lithic tools and debitage. The habitation sites are largely located in proximity to the waterways with El Caney located near the mouth of the Arecibo River and the Río Tanamá Sites 1 and 2 located further upstream in the interior alluvial valley along the Tanamá River, which is a tributary of the Arecibo River. The rock art sites are situated across various environments including the coastal plain (AR0100003), the interior alluvial valleys of the northern Karst (AR0100001 and AR01000014) and within the Karst hills (AR0100022).


The Historic period is represented by a variety of cultural resources associated with the events from contact between Europeans and native cultures during the 16th century, the construction of local industry and the built environment of the modern Arecibo urban core. An example of a multicomponent site dating from the Ceramic period into the Historic period is El Caney (AR100005), which persisted until development of the modern city of Arecibo. A variety of other multicomponent sites exist including Finca Valencia (AR0100045), Paseo Víctor Rojas (AR0200009), the Palace of the Marquis of las Claras (AR0200008), the Old Hydroelectric Plant of Arecibo (AR0100021), and a variety of sugar mills and estates some of which still exist. The majority of these multicomponent sites are situated along the margins of the Arecibo River and secondary rivers. Due to the consistent habitation of Arecibo from the Ceramic period to the Historic period and into the modern day, many of the current structures within Arecibo are immediately overlying prehistoric components of archaeological sites. Additionally, the successive layers have often been disturbed from modern construction resulting in palimpsest archaeological strata where it is difficult to distinguish original Pre-Columbian components of the site from later Historic components.

In summary, there is archaeological evidence for human occupation of the Arecibo region from the Archaic period, through the Ceramic Agro-Pottery periods I, II, and III into the Historic-Colonial period up to the 19th century.

Historic Period

Arecibo's impressive architectural inventory includes varied non-traditional Puerto Rican typologies, such as tenement houses, bridges, and promenades. One of the unusual types is the defensive fort. Originally, there were two 18th century examples, located on the east and west sides of town. It is highly possible they did not include bastions, an absence that evidences their age. Although there is a traditional cemetery, inaugurated in 1864 and located on PR-2 (the site is eligible for inclusion in the NRHP under Criteria A, B, and C, and Criteria Consideration C and D), the town core includes at least five prehistoric and historic burial sites. One of these is the Cathedral of San Felipe where bodies were buried for centuries. Prehistoric as well as historic burials have been found in other intraurban sites, including the town plaza.

There is archaeological evidence that a Prehistoric settlement (known as El Caney) existed close to the town plaza, extending towards the area presently known as La Puntilla (the eastern sector of the urban core). This

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information is significant for it evidences early European settlements (Arecibo is the fourth³ oldest settlement in the Puerto Rican Archipelago) may have established in areas occupied by the Natives. If this is the case, this relevant cultural superimposition goes against the traditional interpretation that there existed urban segregation between colonizers and colonized.

Although there is evidence regarding the fact that a Spanish settlement existed as early as the first decades of the 16th century at the former native village known as Aracibo and Abacoa,⁴ next to the present-day Río Grande de Arecibo sector, the town of Arecibo was formally founded on 1 May 1616 under the governorship of Felipe de Beaumont y Navarra (1574-1626). At that time, the name given to the Spanish embryonic town was Aldea de la Ribera del Arecibo, a descriptive designation establishing it was a very small settlement (hence the use of the word *aldea* and not *pueblo* or town) located on the shores (*ribera*) of the Arecibo River. By 1647, it was called San Felipe del Arecibo by Diego Torres Vargas (1590-1670) in his first comprehensive history of Puerto Rico. (To this day San Felipe [St Philip] is the patron saint of the Arecibo Municipality.) Regardless of dates and names, Arecibo was not formally a town until the 18th century when it became the fourth one to be founded in the Puerto Rican Archipelago. Therefore, it is one of the oldest urban cores in the Archipelago.

Throughout the centuries, most have found the place extremely beautiful, particularly due to the panoramic views of the Atlantic it enjoys. The town is located on a knoll-like area facing the immense ocean and the wide bay to the north, and the mighty river and secondary rivers, as well as its tributaries, to the east. To this day the seascape can only be described as magical.⁵ During the 16th century, Diego Torres Vargas chronicled the sector mentioning many called it the Golden Garden (*Jardín Dorado*). Friar Iñigo Abbad y Lasierra, in turn, described it as: *una región que admira y embelesa la vista, más bella que las imaginadas de Circe y de Calipso*.⁶ At present, the name of the Arecibo Municipality includes the *Muy Leal* (Very Loyal) honorary designation, granted by the Spanish Queen Isabel II in March 1850. The appellation honors the bravery of the townsfolk in defending Arecibo against Spain's many enemies. One of these individuals, Captain Antonio de los Reyes Correa (1665-1758), fought the 1702 British attack with such bravery that to this day the town is nicknamed the "Villa del Capitán Correa" (the town of Captain Correa).

An 18th century plan of the town helps with its study and understanding, as well as an interpretation of its uniqueness. (See Image 1.) Guarded by two small forts, the urban area was organized on top of the knoll which allowed for breezes and the enjoyment of magnificent views. The high placement also protected from the perennial floods caused by the rivers system. While the town perches next to the Boca Vieja (the old mouth of the river), it suffered seasonal floodings for the rivers and their tributaries meander between both mouths. One of the earliest plans that has been preserved of a Puerto Rican town, the map's legend mentions the settlement's relevance as midpoint between the capital (San Juan) and the place where water was obtained before the Atlantic crossing (Aguada).

³ There are some claims that Arecibo was the third town in the Puerto Rican Archipelago to be formally founded.

⁴ The name of Arecibo may derive from Aracibo, the *cacique* who once ruled the sector.

⁵ The Milwaukee Deep, the deepest part of the Puerto Rico Trench which, in turn, is the deepest part of the Atlantic Ocean, is found approximately 76 miles north of Arecibo.

⁶ Translation into English: "[A] sector that seduces for its beauty, far more exquisite than the imagined regions inhabited by Circe and Calypso." Torres Vargas and Abbad y Lasierra quoted in Francisco M Cadilla, *Los ochocentistas* (Barcelona: Ediciones Rumbos, 1961), 11.

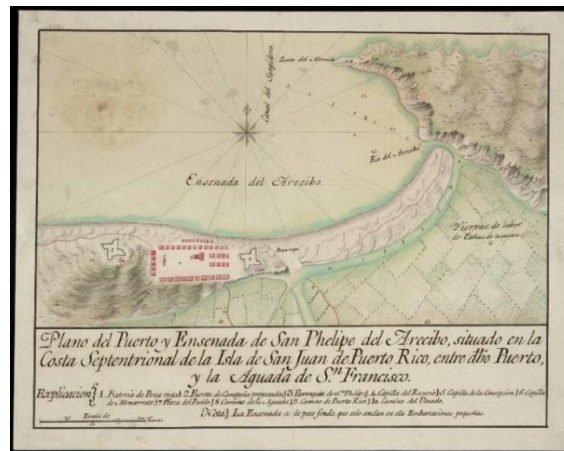


Image 1

"Plano del Puerto y Ensenada de San Phelipe [sic] del Arecibo," Puerto Rico, 18th century
(AR_J_T_4_C_2_74)

As mentioned, archaeological activities have identified the existence of a native village (El Caney) in the area where the town plaza (at present the Plaza de Recreo Luis Muñoz Rivera) is located. (See Image 1.) Apparently, the Prehistoric settlement extended towards the east reaching the old river mouth towards the area presently known as La Puntilla. Native population of the Puerto Rican Archipelago characteristically settled close to rivers, sources of food, water, and transportation, among others. This information is crucial since it evidences the Spanish used native settlements to guide the location of their own, a momentous interpretation at variance with more traditional ones.

The wide bay (Ensenada de Arecibo) that made Arecibo a target for foreign countries' attacks was always considered too shallow and unprotected. Despite this fact, as early as the 18th century, the town was surrounded by agricultural fields, making possible the development of numerous haciendas, many dedicated to the cultivation of sugar cane. Some of these are: Hacienda Cambalache (originally established in 1841), Hacienda Santa Barbara (established in 1841), Hacienda Islote, and Hacienda Puente Bagazo (established in 1812), among others. Commercial ventures that made use of the rivers system were quite common making Arecibo a buzzing maritime port.

As mentioned, Arecibo's uniqueness was underscored by the fact that, as early as the 18th century, it had two forts to defend the settlement. The British attack of 1702 is but one of several that constantly threatened the town. Even Sir Francis Drake was a menace to the safety of the residents at some point in time. The space for the urban area was rectangular and was anchored by the public plaza and the church on its eastern side. (See Images 1 and 2.) Curiously, at the time of the founding there was at least one chapel within the plaza near the church. It is possible this religious spot existed since the early days of the settlement when the town had still to be formally plated. The east-west orientation exhibited by both plaza and church responds to the fact that the altar area of the temple had to face east. This millennia-old tradition directed not only the direction of the church but the orientation of the plaza since it was aesthetically and functionally convenient for the westwork (common name for the west side of the Christian temples) to face the plaza that also served as atrium. The placement reflects the preeminence of the church regarding the urban organization since its main façade faced the urban site.

The Arecibo temple itself was influenced by Sebastiano Serlio's interpretation of what a 16th century church façade should be. As is known, Serlio's *The Five Books of Architecture* (1535-1575) inspired ecclesiastical design throughout Europe, particularly Spain where it was one of the principal sources used by the Real Academia de Bellas Artes de San Fernando in the teaching of architecture. Arecibo's principal church, therefore, is influenced by Cinquecento (16th century) Italian semantics. Aesthetic perceptions related to architectural styles vary with time. One early 20th century description of the building reads as follows: *La rotonda del ábside y galerías laterales,*

podrían clasificarse como de estilo romano; la fachada (frontispicio), no obstante reducido capitel dórico que la exorna [sic], parece responder al estilo Misión (derivación del colonial español), usado en California.⁷ While there is no such thing as an 18th century “Roman style,” the Californian Mission expression dates much later than the time when the Arecibo church was erected. (See Image 2.) The same applies to the “Neoclassical” semantics incorrectly applied at times. If a name is needed Neo-Cinquecento is the appropriate one. (See Image 2.)



Image 2
Arecibo Town Plaza, 2nd half of the 20th century
Google.com

It is interesting to note that, as was the case during the early days of foundation in most Puerto Rican towns, there were no streets framing the plaza or separating the plaza from the church. The site (the plaza) and the surrounding areas of buildings were treated as one urban organism. (See Images 1 and 3.)

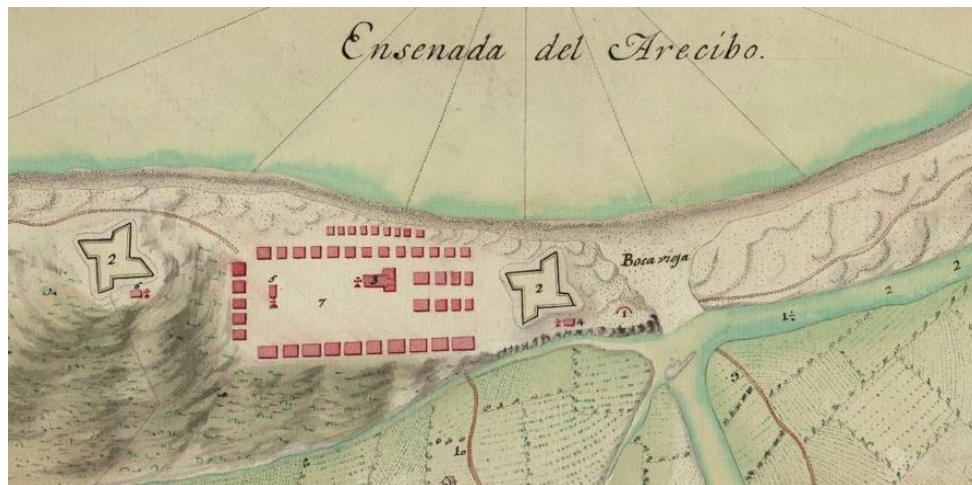



Image 3
"Plano del Puerto y Ensenada de San Felipe [sic] del Arecibo," Puerto Rico, 18th century
(AR_J.T.4.C.2_74)

⁷ Francisco M Cadilla, *Los ochocentistas*, 143. Translation into English: “The dome of the apse and lateral galleries can be classified as an example of the Roman style, the façade even with its reduced Doric capital seems to belong to the Mission style, a derivation of the Spanish Colonial used in California.”

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A unique Arecibo urban characteristic which existed since its foundation until the middle of the 20th century already appears in the 18th century plan: the use of the northern side of town, the one facing the ocean, by the poor. (See Image 3.) Known by several names, *Barriada del Mar-La Playa* developed after 1838 sandwiched between the sea and the town's core. Its closeness to the Atlantic caused continuous destruction by sea waves, one of the reasons the sector was not used by the more powerful classes. By the early years of the 20th century the slum was divided into sectors: *Jareales*, *Palmarito*, *Punta Borinquen*, *Santo Domingo*, *Arizona*, *Los Coléricos*, and *La Trocha*. (*Barriada del Mar-La Playa* no longer exists since it was purposely deconstructed by the government during the 1950s.) The *Barriada del Mar-La Playa* is considered the second largest slum in the history of the Archipelago. The sector was described in the following fashion:


... a todo lo largo del litoral marítimo terrestre, un mar repleto de viviendas paupérrimas construidas de desechos de: madera, cartón, latas de galletas, y planchas viejas y mohosas de zinc corrugado. Este collar de casuchas comenzaba en el Fuerte [en la desembocadura del Río Grande de Arecibo, al este del casco urbano] y se extendía hasta la Puerto Rico Distilling [al oeste del casco urbano]. Todas ellas enclavadas en los Barrios de: *Jareales*, *Palmarito*, *La Trocha*, *Punta Borinquen*, *Santo Domingo*, *Arizona* y *los Coléricos*. Las casitas estaban ubicadas muy próximas unas a las otras, había un alto grado de hacinamiento, en espacios habitables muy pequeños. . . . La mayoría del vecindario carecía de los servicios esenciales de: agua, luz y baños sanitarios, etc. También existía ausencia de los servicios básicos del recogido de desperdicios sólidos, por tal razón era uso y costumbre lanzar la basura al mar, la que con su fuerte oleaje devolvía la misma a la orilla, exponiendo a sus residentes, especialmente a los niños a las enfermedades contagiosas de la época.⁸

As early as the 18th century, the map evidences that the TUC's northern side was packed with smaller houses than the rest of the town. (See Image 3.) In contrast, the sector south of the TUC, where the *Buenos Aires*⁹ barrio developed during the second half of the 19th century, was almost empty during the 18th century, although a meandering trail (*camino*) existed by the 18th century. This road crosses one of the rivers and/or tributaries before arriving at the town plaza and was the principal town entrance/exit from the east and south. At present, the historic trail is aligned along *Juan Rosado Avenue* (also known as *PR-10*), a structure eligible for inclusion in the NRHP. (See *Additional Properties within the Quarter Mile Eligible for Inclusion in the NRHP as per the Program.*)

By 1867, there was an empty space between the plaza and the church and there were streets surrounding the square. It is probable that the first area, physically closer to the church building, served as its atrium. The plaza area, in turn, was carved out of the remaining space and surrounded by streets. By 1900, however, the transitional area between plaza and church was transformed into a street, known as *Calle del Principal* (present day *María De Hostos Street*) that connected present day *Gonzalo Marín Street* (on the south side) and *José de Diego Avenue* (on the north side). This organization is interesting and evidences the transformations the urban core underwent throughout the centuries. (See Image 4.) At some point during the 19th century, after *PR-2* was partly organized, the area between plaza and church became a formal street connected to the trail which provided entrance to the city once the rivers and the tributaries had been crossed (present day *Juan Rosado Avenue* or *PR-10*). It also

⁸ Soto de Arce, W, *Al rescate del olvido. Vivencias de un arecibeño* Volume 5 Number 1 (San Juan, Puerto Rico: Hato Rey Printers, 2005), pp 23-24, quoted in Keren Noemi Herrera Valencia, "Recuperando la historia eliminada del Arrabal La Playa de Arecibo," *Ingenios revista de investigación y labor creativa* (San Juan, Puerto Rico, 2018), Access: <https://www.ingeniosupr.com/vol-5-1/2018/10/13/recuperando-la-historia-eliminada-del-arrabal-la-playa-de-arecibo>. Quoted in Karen Anderson Córdova, Arleen Pabón Charneco, Berenice Sueiro Vázquez, "Section 106 NHPA Effect Determination Form, PR-CPR-000029" (MS: Miami, Florida, 2024). Translation into English: "Along the shore there was a sea of houses constructed with wood, cardboard, cracker tins, and remnants, as well as old and rusted zinc corrugated plates. This necklace of derelict houses started on the eastern side of town close to the Fort and ended close to the Puerto Rico Distilling (to the west of the urban core). Together all these houses formed the *Jareales*, *Palmarito*, *La Trocha*, *Punta Borinquen*, *Santo Domingo*, *Arizona*, and *Los Coléricos*. The diminutive houses were sited next to each other, there was a high level of overcrowding [people living] in very small spaces. Most residents lacked essential services such as water, electricity, toilets, etc. There was no service to collect garbage and because of that residents threw garbage into the sea although the strong surf returned it making it possible for children to be exposed to all sorts of sicknesses."

⁹ The Spanish *buenos aires* translates into "good airs" or "fair winds." The name underscored the open nature of the sector, close to the river and its refreshing breezes.

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was connected to the street that provided the principal exit (or entrance from the north and the west) to the town core, the Calle Mayor (present day José de Diego Avenue).



Image 4
Arecibo plan authored by Road Engineer Ramón Soler Font, 1867
PRSHPO


By 1867, some of the Buenos Aires streets already existed, including a section of present-day Cristóbal Colón Street (known at the time as Calle de la Lealtad)¹⁰ and Juan Rosado Avenue. (See Image 4.) As mentioned, this last thoroughfare provided entrance/exit into town from the east and south. Until the 1920s, one entered the town via Buenos Aires since Juan Rosado Avenue was one of the PR-10, connecting Arecibo to Ponce, original sections. After traversing Buenos Aires from south to north, the street curved towards the west becoming Calle del Principal (Principal's Street; at present María De Hostos Street). At this point it crossed via a small bridge the Río Santiago (also known as Río Los Santiago) which met the Río Grande de Arecibo a short distance away. After crossing the water, the Calle del Principal (present day María De Hostos Street) continued until one reached the open area between the church and the town plaza. At present, the area has been transformed into a street which crosses from Gonzalo Marín Street (known in 1867 as Calle Mayor) aligned along the south side of the plaza to José de Diego Avenue on the north side. Originally one entered the town from the south and east using PR-2. When coming from the western sector one would use present day José de Diego Avenue.

Even after train service from San Juan started in 1888, the route to enter town from the east and south was the same since the last station was Cambalache, on the east side of the rivers system. Travelers alighted here and crossed a wood bridge or took a ferry to reach the west side where the urban core was located. They could then take some sort of transportation to the urban core. Most took the trail that later became present day Juan Rosado Avenue or PR-10. For centuries, it was easier to travel to Arecibo by boat than by land. All descriptions mention the rivers sector was full of life. *Surcaban la vía fluvial yolas, lanchas, botes de vela y motor, que le impartían animación y colorido. A la altura del pequeño poblado del Pasaje, peatones, ganado y vehículos cruzaban de una a otra orilla, utilizado el pintoresco ancón de los Marín.*¹¹ It is to be expected the river sustained trade activities with the interior and exterior of the Island.

The first formal system devised to cross the rivers and tributaries was constructed during the period from 1923 to 1927 and was connected to the 1923 PR-2 extension that bypassed the urban core crossing the Buenos Aires sector. This crossing was organized by means of a series of causeways and bridges. To anyone traversing the bridges it seemed they floated above the water since they were only two meters above the surface, still low enough to give the impression that they perilously were floating above the liquid surface. Some of the bridges had a metal tarmac resulting in a very noisy crossing. It was not easy to construct the 1920's causeways and

¹⁰ While the 1867 plan depicts sections of the two streets mentioned above, the 1900 plan included in the *1900 Report of the Military Government* does not include any street except Juan Rosado Avenue.

¹¹ Francisco M Cadilla, *Los ochocentistas*, 31. Translation: "The river was packed with all sorts of vessels which provided movement and activity. Close to the small settlement of Pasaje, people, cattle and vehicles crossed from one side to the other using the picturesque Marí ferry."

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bridges system. In fact, mention is made that the first reinforced concrete iteration constructed to cross the rivers system, built in 1916, collapsed on 14 July of the same year, the day before its inauguration. It is important to underscore that while the PR-2 appears in the “Plan Carretero de la Isla de Puerto Rico” dated 8 December 1860, in 1898 it was still unfinished and formal ways to cross the rivers and tributaries varied with time.

The fact Buenos Aires was connected to the Cambalache train station made it possible for the sector to be interpreted as the formal “entrance/exit” to the town when coming from the east and south. This continued to be the case when the first formal connection across the rivers system was constructed. The series of causeways and bridges that spanned the Arecibo Río Grande sector, constructed during the period from 1923 to 1927, directly connected to the sector, therefore, entrance to the town from the east and south was always associated with Buenos Aires. Some remember how the *El Gran Café*, the only place where the weary traveler could get food in an age when fast food places were inexistent, was located on the right as one entered town via the PR-2, in the heart of Buenos Aires. While it was possible to reach the most historic parts of the TUC using present day Juan Rosado Avenue, the traditional western route was via José de Diego Avenue, which bordered the present-day Luis Muñoz Rivera Plaza along its north side. During the 20th century, at the place where PR-2 intersected de Diego Avenue, there was a small monument that formally welcomed visitors.

Serving as entrance/exit to the town core from the south and east, it is understandable Buenos Aires slowly but surely started to develop. The 1867 plan of the town, drawn by civil engineer (*ingeniero de caminos*) Román Soler Font, evidences that as of this date there was some minor development in what later came to be known as Buenos Aires. However, although there appear to be some lots on both sides of the entrance road (present-day Juan Rosado Avenue or PR-10), no construction is depicted. Sections of some of its streets were already plotted by this time. While basically orthogonal, there was relative freedom in their organization. It is interesting to note a characteristic of the grid used in Arecibo: the freedom with which it was planned and the existence or numerous irregular blocks and sites (considering rectangular or square ones “regular”). (See Image 4.)

In a 1900 map included in the *1900 Report of Military Government*, the geographic condition of the northern sector of Buenos Aires depicts a similar organization to the one shown in the 1867 plan. In this first drawing, the Plaza Buenos Aires project area is sited between the Santiago River (also known as Santiago River) and the Río Grande River. As mentioned, the first river/tributary disappeared and is no longer visible. The entrance road is labelled simply as “Road” and there are two bridges connecting the sector to the historic core. One is in the Calle del Principal (present day María De Hostos Street) and the second one is in the Calle del Plano (present day Santiago Iglesias Avenue). In 1867, only the first one existed.

During the early decades of the 20th century, Buenos Aires continued to serve as the formal entrance to the town thanks to PR-2 (when coming from the east and south). This connection underscored its development. While there is some informality in its orthogonal arrangement of the urban grid, the fact is it was conceived as an extension of the TUC. It is no exaggeration to claim that at this time Buenos Aires was still a barrio that was undergoing urbanization.

In the 1908-1912 map drawn by Lieutenant William H Armstrong for his *Progressive Military Map of Puerto Rico*,¹² Arecibo is depicted as a relatively large town still hugging the original sector bordered by the knoll on the west, the sea on the north, and the river on the east. His drawing clearly depicts the Buenos Aires sector. (See Image 5.) At that time, the sector included but a few streets. The straight road crossing the area was the one followed by visitors after they had alighted at the Cambalache station.

¹² Lanny Thompson and María Dolores Luque (editors), *The Cartographic Journey of Lieutenant William H Armstrong* (Colombia, Editorial Nomos S A, 2020).

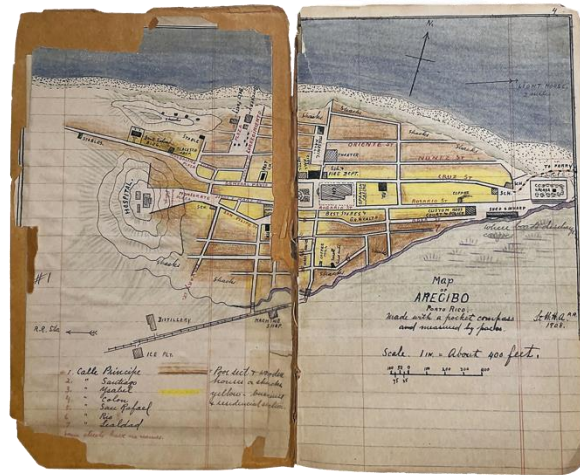


Image 5

William H Armstrong, *Progressive Military Map of Puerto Rico*, 1908-1912, p 102

Of special interest is the fact that the Armstrong map establishes there was an ice plant in the area. Research activities evidence there was one ice plant, known as the *Gran Fábrica de Hielo*, established in 1912 by William T Gilbert. Armstrong claimed there was only one plant owned by a German producing 2,000 to 3,000 pounds of ice daily. On the other hand, there were several distilleries within Buenos Aires. Some of these were: (i) the Puerto Rico Distillery Company, established by V M Marin & Company, which produced *Alcoholado Superior 70*¹³; (ii) the Puerto Rico Distilling Company, founded in 1911, by Juan Piza Bisbal, producing the Ron Rico rum; and (iii) another distillery producing the *Alcoholado Tropical* established in 1912 by A Aresti.¹⁴ There may have been other establishments which Armstrong describes as "... hardly worthy of the name of factory."¹⁵ The Buenos Aires barrio, then, developed between the second half of the 19th century and the early decades of the 20th century. Although there were residences scattered around, it was primarily conceived as a commercial and industrial sector. One of the many complications the sector had which may have retarded its development was the fact that some of its areas flooded with relative ease. Additionally, a narrow tributary of the river existed between the TUC and the rest of the Buenos Aires sector. (See Image 5.)

During the early decades of the 20th century, Arecibo greatly expanded. In the Buenos Aires sector, commercial ventures could be found while in the San Luis sector on the northwest side subdivisions were created during the first three decades of the 20th century. At the Barrio San Luis, the contrast between the northern and southern sides of PR-2 was quite interesting. Ana Lens de Susoni Street was lined with reinforced concrete houses with arched balconies and terracotta tiles while the José Rodríguez Irizarry Street was lined with traditional wood houses constructed by individual families. These two sectors responded to the first half of the 20th century novel needs of Arecibo residents. To resolve the growing vehicle issues this growth brought an extension to PR-2, dated 1923, that made it possible to reach the new sectors without having to traverse the historic core. This extension divided Buenos Aires into two sections, one north of PR-2 and a second one found south of this highway. As mentioned, the road connected to the bridges and causeways that crossed the rivers system for the first time since it was finished in 1927.

¹³ Puerto Rican *alcoholado* is a blend of alcohol and natural extracts such as bay rum, menthol and eucalyptus. To this day it is considered by many the cure for all ills.

¹⁴ Sara E Abreu. "La economía de Arecibo al 1930: Notas para su historia en datos" (MS: Arecibo, Puerto Rico), Access: https://www.arecibo.inter.edu/wp-content/uploads/biblioteca/pdf/Registro_de_comercios_en_Arecibo.pdf.

¹⁵ Lanny Thompson and María Dolores Luque (editors), *The Cartographic Journey of Lieutenant William H Armstrong*, Volume 1, 105.

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The 1943 USGS Arecibo Quadrangle depicts the river/tributary dividing the oldest sector of the TUC from Arecibo's more industrial and commercial sector (Buenos Aires). A series of blocks depicting varied shapes can be seen, as well as present day streets Juan R Figueroa, Mirta Silva, Ismael Arroyo, and José Olmos. Rosado Avenue and Cristóbal Colón and Magallanes Streets are also depicted. (See Image 6.) While the triangular site where the proposed plaza will be constructed is depicted, the park next to it is not. In fact, at this time, the block where the park is sited had a different morphology and was subdivided into several lots. It is obvious that, at some point, Mirta Silva Street was extended, dividing this last block into the present two sections. Before this took place, the whole lot was partitioned into properties, including the area that was to later become a park.



Image 6
USGS Quadrangle of Arecibo, 1943


In the 1943 map the PR-2 Extension is clearly depicted. (See Image 6.) According to the research carried out and as mentioned previously, this section of the road was constructed in 1923.¹⁶ It divided the Buenos Aires sector into two and continues until it meets the present-day José de Diego Avenue. After this intersection it continues in a westward direction. This extension made it possible for transit to by-pass the historic core. Those wishing to enter the urban core continued to use present-day Juan Rosado Avenue (PR-10).

While in 1898 Arecibo included four urban barrios – La Monserrate, San Felipe, de la Cruz, and del Rosario – In 1947 the Puerto Rico Planning Board established the Arecibo Municipality included 17 rural barrios and 9 urban barrios. In addition to the four already mentioned above forming the urban component, the following, among others, were added: Miramar, San Luis, Buenos Aires, Jareales, and Vigía. In the above-mentioned USGS map the Buenos Aires sector north of PR-2 appears to be developed with streets forming blocks while the sector south of PR-2 is still undeveloped, even though the two sections were considered an urban barrio. (See Image 6.) Armstrong describes the original concept of a barrio throughout the Archipelago in the following fashion: "Barrio is simply a settlement where a group of laborers build a few shacks together with one or two stores, for example Esperanza or Dominguito said to contain several thousand inhabitants would sure be known as a barrio for the two or three country stores and two or four houses."¹⁷

By this time vehicular traffic had transformed the bridges and causeways system into the formal entrance to town (from the east) and Buenos Aires served as the town's principal entrance from this direction, as well as from the

¹⁶ Iván F Méndez Bonilla, "Evaluación de Recursos Culturales Fases I-A y I-B Proyecto: Reemplazo de Once (11) Puentes sobre el Rio Grande de Arecibo Puentes #54 y #1038 entre intersecciones carreteras PR-2 y PR-10 e intersecciones PR-2 y PR-681, Arecibo, Puerto Rico" (MS: San Juan, Puerto Rico, 1999), 53.

¹⁷ Lanny Thompson and María Dolores Luque (editors), *The Cartographic Journey of Lieutenant William H Armstrong*, 103.

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south. It is important to underscore PR-2 was the principal road connecting San Juan with all the northern coast towns. In fact, at the time, for example, it was the principal way to get to Mayagüez on the west coast. PR-10 in turn connected Arecibo south towards Ponce.

Until the 1960s, Buenos Aires was characterized by its principally industrial and commercial nature, although there were residences aligned throughout its streets. It is important to remember the Río Grande de Arecibo and the rivers and/or tributaries were a continuous threat to the safety of the people. The above-mentioned bridges were very low and according to urban legends had balustrades that could be taken down in case of flooding. They were substituted around the turn of the millennium.

Identification of Historic Properties – Archaeology

Previous Archaeological Surveys and Sites

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).

The archaeological cultural resources survey reports and site survey forms, as well as the administrative project files, of both the PRSHPO and the Institute of Puerto Rican Culture (IPRC) were consulted. A total of 27 cultural resources survey reports consisting of Phase 1A, 1B, Phase II, Phase III, and Monitoring reports are documented in the PRSHPO and IPRC files (Figures 5 and 6, and Table 3). Of the 27 total cultural resource surveys, 23 had positive results from subsurface testing and four had negative results. A total of 16 archaeological cultural resources are located within the quarter-mile research radius of the proposed project composed of three multicomponent sites and 13 historic sites according to the PRSHPO and IPRC files. (See Figures 7 and 8.) (See Table 4.)

TABLE 3
PRSHPO AND IPRC CULTURAL RESOURCES SURVEYS
WITHIN A QUARTER MILE OF THE PROPOSED PROJECT'S APE

ID	AUTHOR	TITLE	YEAR	SHPO/IPRC ID	RESULTS	DISTANCE/ DIRECTION FROM APE
1	Miguel Rodríguez	Nuevo Edificio Hospital Susoni, Phase IB	1985	06-11-85-03	Positive	0.21 miles NE
2	Jaime G Vélez	Terminal de Transportación Pública, Núm. 2 (Sur), Phase IA-IB	1990	03-09-87-01	Positive	0.08 miles S
3	Patrick H. Garrow, Guy G Weaver, Herminio Morales & Arleen Pabón	A Cultural Resources Reconnaissance within the Proposed Río Grande de Arecibo Flood Control Project Phase IA-IB	1991	06-17-88-09	Positive	0.18 miles S
4	Jaime G Vélez	Estacionamiento Municipal Norte, Phase IA	1991	09-24-90-05; ICP/CAT AR 91-02-04	Positive	0.18 miles N
5	Juan González	Estacionamiento Municipal Norte, Phase IB	1991	09-24-90-05; ICP/CAT AR 91-02-04	Negative	0.18 miles N
6	Harry E Alemán Crespo	Desarrollo comercial, Grand Way Store, Bo. Pueblo, Arecibo, PR, Phase IA-IB	1991	ICP/CAT AR 91-02-05	Positive	0.21 miles NE
7	María A Cashion Lugo	Restauración Plaza de Recreo, Bo. Pueblo, Phase IA-IB	1992	08-09-91-03	Positive	0.16 miles S
8	Marisol Rodríguez Miranda	Estacionamiento Municipal Norte, Monitoring	1993	09-24-90-05; ICP/CAT AR 94-05-04	Positive	0.18 miles N

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9	Marisol Rodríguez Miranda & Virginia Rivera Calderón	Estacionamiento Municipal Norte, Phase II	1994	09-24-90-05; ICP/CAT AR 91-02-04	Positive	0.18 miles N
10	Juan González	Estacionamiento Municipal Norte, Phase II	1994	09-24-90-05; ICP/CAT AR 91-02-04	Positive	0.18 miles N
11	Juan González	Estacionamiento Municipal Norte, Phase III	1994	09-24-90-05; ICP/CAT AR 91-02-04	Positive	0.22 miles N
12	Roberto Martínez Torres	Paseo Peatonal de Diego, Phase IA-IB	1994	06-04-90-08; ICP/CAT AR 94-05-02	Positive	0.14 miles N
13	Roberto Martínez Torres	Documentación de un Tramo de la Atarjea Pluvial en la Calle de Diego Monitoring	1994	06-04-90-08; ICP/CAT AR 94-05-02	Positive	0.14 miles N
14	Roberto Martínez Torres	Paseo Peatonal de Diego Fase IIB, Barrio Pueblo, Phase IA	1995	10-13-95-10 ICP/CAT AR 95-10-08	Positive	0.15 miles NE
15	Roberto Martínez Torres	Estudio de Evaluación de Recursos Culturales Construcción Paseo Peatonal de Diego, Phase II	1995	06-04-90-08	Positive	0.14 miles N
16	Roberto Martínez Torres	Salvamento Arqueológico - Paseo Peatonal de Diego, Phase III	1995	06-04-90-08; ICP/CAT AR-94-05-02	Positive	0.14 miles N
17	Roberto Martínez Torres	Impactos a la Atarjea Pluvial Localizada en la Calle de Diego Durante las Obras del Proyecto Monitoring	1995	06-04-90-08; ICP/CAT AR 94-05-02	Positive	0.14 miles N
18	Roberto Martínez Torres	Adquisición y Realajo de Viviendas Localizadas en la Ribera del Río Grande de Arecibo, Barrio Pueblo, Phase IA	1995	10-06-95-01	Negative	0.24 miles E
19	Roberto Martínez Torres	Construcción de Kioskos Calle Palma, Barrio Pueblo, Phase IA-IB	1999	06-15-98-08; ICP/CAT AR 99-10-07	Positive	0.1 miles E
20	Roberto Martínez Torres	Construcción Placita del Domino, Barrio Pueblo, Phase IA-IB	1999	11-23-98-20; ICP/CAT AR 99-08-03	Positive	0.14 miles NE
21	Iván F Méndez Bonilla	Reemplazo de Once (11) Puentes sobre el Río Grande de Arecibo, Phase IA-IB	1999	03-29-99-02	Negative	0.16 miles SE
22	Manuel Bermúdez	Centro Urbano de Arecibo, Arecibo, PR, Phase IA-IB	2003	ICP/CAT AR 03-13-03	Positive	0.18 miles NE
23	Adalberto Maurás Casillas	Evaluación Arqueológica Fase I Viviendas Buenos Aires Arecibo, PR, Phase I	2005	12-03-03-03	Negative	Adjacent Direct APE
24	Roberto Martínez Torres	Construcción Once Kioskos Calle Antonio R. Barceló, Barrio Pueblo, Phase IA-IB	2006	06-16-06-08	Positive	0.20 miles N
25	Jesús Figueroa Lugo	Reconexión de Acometidas Sanitarias del Sistema Pluvial al Sanitario, Calle Paseo José de Diego, Paseo de las Estrellas, Capitán Corea y Calle de la Palma, Monitoring	2013	ICP/CAT AR 13-20-05	Positive	0.14 miles NE
26	Roberto Martínez Torres	New Pump Station for Downtown Arecibo, Phase III - Excavación de 9 Catas y 3 Trincheras en la Parcela B que Ocupa el Solar Propiedad de la Sucn. Terrasa Phase IB (Part I)	2014	03-10-10-03 ICP/CAT AR-14-22-03	Positive	0.24 miles E
27	Roberto Martínez Torres	New Pump Station for Downtown Arecibo, Phase II; - Excavación de 18 Catas y 17 Trincheras en la Parcela A Phase IB (Part II)	2014	03-10-10-03 ICP/CAT AR 14-22-01	Positive	0.24 miles E

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TABLE 4
PRSHPO AND IPRC ARCHAEOLOGICAL RESOURCES SITES
WITHIN A QUARTER MILE OF THE PROPOSED PROJECT'S APE¹⁸

ID	NAME	SHPO ID	IPRC ID	DISTANCE/ DIRECTION TO THE APE	DESCRIPTION (HISTORIC, PREHISTORIC, OR BOTH, PLUS SITE TYPE)	NRHP STATUS (LISTED, ELIGIBLE, NON-ELIGIBLE, NO DATA, PENDING)
1	El Caney	AR0100005	AR-5	0.24 miles NE	Prehistoric and Historic, Habitation	Pending
2	Hacienda del Coco	AR0100084		0.21 miles SW	Historic, 19 th century sugar Hacienda	Pending
3	Barriada Santo Domingo		AR-48-A-7	0.23 miles N	Historic, Habitation	No Data
4	Casa Marqués-Muñoz		AR-48-A-8	0.21 miles NE	Historic, Habitation	No Data
5	El Guayabal: Casa de los Españoles y basurero	AR0100064	AR-48-A-9	0.1 miles E	Historic, Structural Remains and Midden	Non-Eligible ¹⁹
6	La Puntilla Residencial		AR-48-A- 10	0.24 miles E	Historic, Habitation	No Data
7	Carnicería	AR0100016	AR-48-B-3	0.24 miles N	Historic, Midden	Pending
8	Plaza del Mercado		AR-48-B-4	0.19 miles N	Historic, Structural Remains of Building, Midden	No Data
9	Farmacia Casa Marqués Muñoz y Panadería Calle Barceló		AR-48-B-5	0.23 miles NE	Prehistoric (disturbed) and Historic, Commercial	No Data
10	La Puntilla Commercial		AR-48-B-6	0.09 miles SE	Historic, Commercial	No Data
11	Plaza Luis Muñoz Rivera	AR0100065	AR-48-C	0.17 miles NE	Historic, Structural Remains of Public Space	Pending
12	Calles: La Calle de Diego y la Calle Gonzalo Marín, Calle Palma, Calle Antonio R Barceló, Callejón Mariano Vidal, Calle del Guayabal	AR0100056	AR-48-D	0.02 miles N	Prehistoric (disturbed) and Historic, Road/ Pavement	Non-Eligible ²⁰
13	Catedral		AR-48-E-1	0.22 miles NE	Historic, Burials	Eligible
14	Ermita de la Monserrate		AR-48-E-3	0.11 miles NW	Historic, Burials	Eligible
15	Ermita de la Concepción		AR-48-E-4	0.15 miles NE	Historic, Burials	Eligible
16	Sistema Pluvial		AR-48-H	0.13 miles E	Historic, Utilities (Vaulted Brick Tunnel and Storm System)	Eligible

¹⁸ It is important to note that while some of the archaeological sites listed on this table are also listed as architectural resources in the next section, these archaeological sites are based on a subsurface archaeological component that was documented through an intensive archaeological survey. The archaeological component is associated with the extant/not extant structure and is considered separate from the architectural resource.

¹⁹ Jaime G. Vélez (SHPO # 03-09-87-01, Phase IA-IB) recommended that the site was eligible under Criterion D, and that a Phase III archaeological survey should be performed; however, OECH disagreed, and determined that the site lacked significance and that it did not warrant further study.

²⁰ SHPO Site ID AR0100056 represents only Calle de Diego; however, IPRC Site ID AR-48-D represents all the streets listed. Calle de Diego was determined to be non-eligible (under Criterion D) during its documentation, but the remainder of the streets have not been assessed for NRHP-eligibility.

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Most archaeological surveys performed within the quarter-mile research radius are located away from the current project area situated within the urban architectural core of Arecibo TUC. Due to the large number of surveys within the research radius, this analysis will provide brief descriptions of the most relevant surveys further from the APE and will focus on the ones within 0.15-miles of the APE in greater detail. (See Table 3.)

The earliest report, dated 1985, is for the development of the Susoni Hospital building located on the north side of Arecibo (SHPO 06-11-85-03). Adjacent to the Susoni Hospital was a property that had six archaeological surveys (SHPO 09-24-90-05 and ICP/CAT AR 91-02-04) performed between 1991 and 1994 for the development of a new municipal parking complex. These consisted of Phase IA-IB, Phase II, Phase III, and monitoring surveys and were all positive resulting in the documentation of multiple new archaeological sites including a deposit related to the historic butcher shop (AR-48-B-3), Plaza del Mercado (AR-48-B-4), and archaeological evidence of Barriada Santo Domingo (AR-48-A-7). While mitigation and data recovery were recommended as part of this project, no NRHP recommendation was made for the three documented sites as part of this archaeological survey. Lastly, in 2006, a Phase IA-IB survey (SHPO 06-16-06-08) was performed to construct kiosks at the Susoni Hospital and municipal parking complex.

From 1994 to 1995, six archaeological surveys were performed on the western portion of José De Diego Street: a Monitoring Plan, two Phase IA surveys, a Phase IB survey, a Phase II survey, and a Phase III survey. These archaeological surveys documented a segment of the historic storm sewer system that doubled as underground tunnels, historic pavements underlying the modern roads, and a prehistoric deposit likely related to the known site of El Caney. These archaeological surveys were performed during a road maintenance project that included demolition and reconstruction of the street and sidewalks. The Phase III archaeological survey states that the documented storm sewer system has been impacted from previous street construction activities and despite the impact, it retains full integrity as a historic engineering work. However, the report authors did not make a clear NRHP recommendation.

In 1990, a Phase IA-IB archaeological survey was performed for the proposed South Terminal Number 2 (SHPO 03-09-87-01). The project proposed the demolition of all four structures existing on the property, which was executed for all except the southwest corner building. This building was determined to be NRHP-eligible for its unique architectural value as part of this project. The archaeological survey was divided into three sectors: Sector 1 is located on the west margin of the parcel and is immediately north of the NRHP-eligible building. Sectors 2 and 3 consist of the middle of the parcel and eastern end, respectively. The archaeological survey was positive and documented a Spanish Colonial period structure (AR-48-A-9) with a midden deposit interpreted as the public dump spanning from the 16th to early 19th centuries. A salvage excavation was performed at the structure and dump locations before construction of the current Terminal. The report author state that the portion of the archaeological deposit located in Sector 1 that belongs to the Spanish Colonial period, with dates between c 1750 – c 1850 “preserves a high degree of scientific integrity.” Although no formal NRHP eligibility recommendation was made as part of this report, the statement about the archaeological deposit retaining a high degree of scientific integrity suggests that the report author considered that the resource would be NRHP-eligible under Criterion D.

The most relevant archaeological survey performed is the Buenos Aires Housing Complex (SHPO 12-03-03-03), which is immediately adjacent to and borders the southeastern margin of the Direct APE. The project consisted of the demolition of 12 townhouse living units with parking that occupied an area of approximately 12,324.7 square feet (1,145 square meters). The Phase IA archaeological survey proposed a total of four shovel test pits. The first shovel test was excavated in two stratum to a depth of 37.4 inches (95 centimeters) below surface with negative results, the second shovel test was excavated in one stratum to a depth of 18.9 inches (48 centimeters) below surface and then terminated due to a gravel impasse, the third shovel test was excavated in one stratum to 38.6 inches (98 centimeters) below surface with negative results, and lastly, the fourth shovel test was not excavated due to concrete. A clear explanation of the two stratum identified was not given, and it is unclear if the second stratum represents an undisturbed culturally sterile subsurface layer, or if these are fill layers related to construction of the housing complex that may be overlying intact deposits with the potential for cultural materials.

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Another relevant archaeological survey performed is the Cultural Resource Reconnaissance within the Proposed Río Grande de Arecibo Flood Control Project (SHPO 06-17-88-09), which was located along the Arecibo River to the south and east of the Direct APE. Several areas had subsurface testing for archaeological resources, though those were primarily in undeveloped areas outside of the quarter-mile research radius of the current project. However, a pedestrian survey was performed within the quarter mile research radius focused on land immediately adjacent to the Arecibo River, and this pedestrian reconnaissance survey identified the La Puntilla Residential (AR-48-A-10) and Commercial Structures (AR-48-B-6), the historic roads of Arecibo (AR-48-D), and the La Puntilla Warehouses (AR-48-I-4). No NRHP recommendation was made for these resources as part of this report. However, the IPRC recognizes them as locally eligible resources.

The closest documented archaeological sites are La Puntilla Commercial (AR-48-B-6), El Guayabal: Casa de los Españoles y basurero (AR-48-A-9), and Calle del Guayabal (AR-48-D), which is currently named Calle Antonio Figueras. The La Puntilla area is represented by commercial structures associated with the port, and residential structures associated with the local community. These structures have potential archaeological deposits that may shed light into the early commercial industry of Arecibo. El Guayabal is located at the current location of South Terminal Number 2 and had a salvage excavation performed before construction of the terminal. The excavations exposed brick floor and foundations belonging to the Spanish Colonial period that were mostly sterile except for a US 1897 coin and mother-of-pearl buttons. In addition to the structure, a large deposit spanning from the 16th to 19th century based on the artifact assemblage was excavated to the west of the structure. Historic plans of Arecibo do not identify any structures at this location, so it is presumed to have been used as a public dump. While excavations have not been performed at this location, excavations at other similarly aged historic streets within the urban core have yielded an underlying 19th century pavement from the Spanish Colonial period that consists of brick and river cobbles. Therefore, it is likely that a similar historic pavement underlies the modern Calle del Guayabal.

El Guayabal: Casa de los Españoles y basurero (AR-48-A-9) is located approximately 0.1 miles east of the project location and has been delineated within its existing parcel. Therefore, the Direct APE is unlikely to contain cultural materials related to this site. The La Puntilla commercial structures (AR-48-B-6) are located approximately 0.9 miles east of the project location and are primarily situated immediately adjacent to existing waterways. Given the proximity of the project location in the Historic period to the unnamed tributary of the Arecibo River, there is the potential for historic archaeological deposits related to unknown La Puntilla commercial structures within the Direct APE. Calle del Guayabal (AR-48-D) is located approximately 0.2 miles north of the project location and adjusting for possible road realignments and geometry changes through time, there is the possibility of encountering intact portions of 19th Spanish Colonial pavements within the Direct APE. Lastly, the fill soil underlying the roads in other parts of Arecibo have been intermixed with prehistoric materials, and there is the potential for similar prehistoric materials within the Direct APE.

Historical Background of the APE / Archaeological Potential

Efforts were made to compile historic aerial images of the APE to determine approximate date ranges for the various developments that occurred within and in proximity to the Direct APE. The historic aerials used in this analysis are from 1931, 1950, and 1972 and were obtained from The Puerto Rico Department of Transportation and Public Works (DTOP 2025) and the United States Geological Service (USGS) Earth Explorer (USGS 2025) historic aerial image databases.

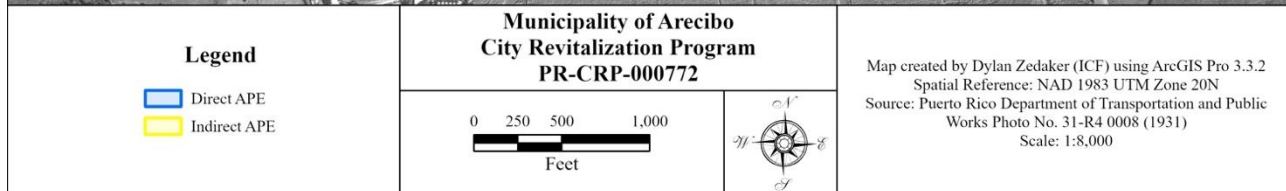


Image 7
Aerial Photograph of Arecibo, 1931
(The blue lines border the APE while the yellow one marks the Visual APE.)

The earliest available historic aerial image of the Direct APE is from 1931 and shows the triangular parcel existing in roughly the same shape and size, bordered by roads with a similar geometry to the current roads. (See Image 7.) However, the parcel is otherwise flat and undeveloped with none of the currently existing plaza features present. Additionally, a small tributary of the Arecibo River runs east to west approximately 49.2 feet (15 meters) to the north of the APE. Lastly, there are significant agricultural activities taking place approximately 246.1 feet (75 meters) to the west and 590.6 feet (180 meters) to the southwest of the Direct APE. The primary potential soil disturbances observed in this aerial photograph are the development of the roads within the Direct APE. Soil disturbance likely does not exceed 11.8 to 15.7 inches (30 to 40 centimeters) below surface, but it is unknown if any grading or filling took place prior to construction of the roads.

The next available historic aerial image of the Direct APE is from 1950 and shows a continuation of urban expansion to the south including construction of additional roads and residential blocks. (See Image 8.) The tributary of the Arecibo River still runs the same course; however, there is a canal under construction approximately 0.6 miles (one kilometer) to the southwest of the Direct APE, which will likely reroute the downstream portion of the tributary upon completion. Agricultural activities persist to the west and south of the project area, though they have been

somewhat encroached upon by continued residential development. The most notable change is that the Plaza Buenos Aires has been somewhat developed with the appearance of minimal sidewalks, the systematic introduction of ornamental vegetation, and a concrete triangular pad in the center of the parcel. The primary potential soil disturbances observed in this aerial photograph are the development of the plaza walkways within the Direct APE. Soil disturbance likely does not exceed 7.9 to 11.8 inches (20 to 30 centimeters) below surface.

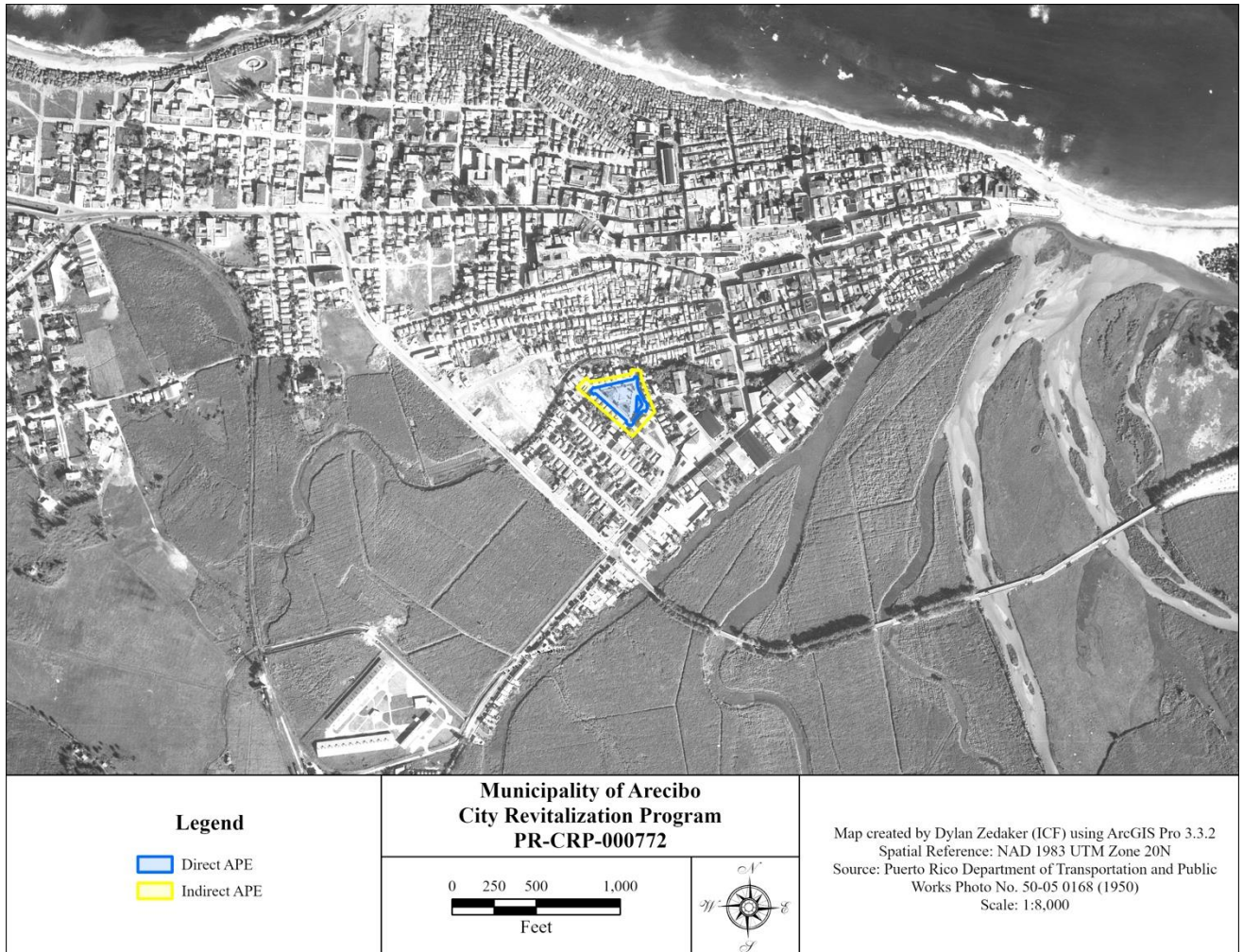


Image 8
Aerial Photograph of Arecibo, 1950
(The blue lines border the APE while the yellow one marks the Visual APE.)

The last historic aerial image of the Direct APE for this analysis is from 1972 and it shows the most significant development of the Direct APE and the surrounding area. (See Image 9.) The photograph shows there are no longer agricultural activities to the south and west of the Direct APE, the area has instead been further developed into residential blocks and large commercial structures. The tributary of the Arecibo River has been rerouted fully into the newly constructed canal approximately 0.6 miles (one kilometer) to the southwest of the APE. Lastly, the Plaza Buenos Aires has been further developed and is now extensively covered in concrete walkways and flat areas for public use. The primary potential soil disturbances observed in this aerial photograph are the development of the plaza walkways within the Direct APE. Soil disturbance likely does not exceed 7.9 to 11.8 inches (20 to 30 centimeters) below surface.

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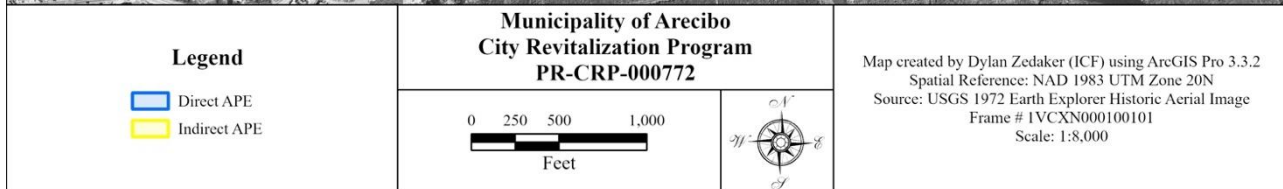



Image 9
Aerial Photograph of Arecibo, 1972
(The blue lines border the APE while the yellow one marks the Visual APE.)

In summary, there has been significant development of the Direct APE from 1931 to 1972. The natural tributary of the Arecibo River that passed nearby the Direct APE was rerouted into a canal sometime between 1950 and 1971; the extensive agriculture that took place to the south and west of the Direct APE has been replaced with commercial and residential blocks; and the parcel that makes up the Direct APE has gone through at least two distinct phases of development, the first occurred between 1931 and 1950, and the second occurred between 1950 and 1972. However, since the development appears to be primarily ornamental vegetation, concrete sidewalks and pads, the extent of soil disturbance related to these development activities are likely limited to surficial disturbance and likely does not exceed 11.8 to 15.7 inches (30 to 40 centimeters) below surface for the walkways and 19.7 to 23.6 inches (50 to 60 centimeters) for the ornamental vegetation. While these depths are only an estimate, the proposed project activities far exceed these expected depths and thus, there remains the potential for intact cultural deposits within the subsurface soils at the Plaza Buenos Aires.

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DETERMINATION ELIGIBILITY OF ARCHAEOLOGY PROPERTIES WITHIN THE PROJECT'S APE

There are numerous previous archaeological cultural resources surveys with positive results and a variety of archaeological sites within the quarter-mile research radius and there are no known archaeological properties eligible for inclusion in the NRHP within the project's APE. However, there is the potential for historic archaeological remains associated with both AR-48-B-6 and AR-48-D as outlined above. Additionally, given the net deposition of soils, proximity to abundant sources of water, and the high number of Pre-Columbian archaeological sites documented within the quarter-mile research radius, it is possible that an unknown subsurface prehistoric deposit could exist within the Direct APE. While there has been some historic development of the APE, none of the development activities observed through historic aerial photography appear to have significantly disturbed the subsurface soils within the Direct APE. Therefore, it is our conclusion that the Direct APE has the potential for both unknown historic and prehistoric intact archaeological deposits that retain integrity and that the project will require mitigation measures to ensure no potentially eligible archaeological resources are adversely affected. (See Figures 5-8.)

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 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 is within the Arecibo TUC / Historic District, eligible for inclusion in the NRHP as a historic district. The PRSHPO's TUC includes the original urban core and its southern sector, known as Buenos Aires, which started to develop during the second half of the 19th century. The area is bounded on its southern side by PR-2, on its eastern side by the rivers system,²¹ and on the north by the oldest parts of the historic urban core (see Figures 2 and 3). Plaza Buenos Aires is located within the sector of the same name. (All properties east of Juan Rosado Avenue are not included in the PRSHPO's TUC. We recommend a review of this border. This thoroughfare provided formal entrance to the Arecibo urban core for centuries from the east and south and was part of PR-10, the road connecting Arecibo to Ponce, part of the Royal Engineers Spanish Corps Plan Carretero.) The Buenos Aires sector extends south of PR-2. (See Figures 9 and 10.)

NATIONAL REGISTER OF HISTORIC PLACES LISTED ARECIBO PROPERTIES

To interpret the architectural properties eligible for inclusion in the NRHP, archival research activities were undertaken. Additionally, visits to Arecibo were carried out to study the properties and the Visual APE.

Although there is an IPRC document proposing a historic district for Arecibo, this institution has no architectural inventory of the Arecibo Municipality. Arecibo has 16 properties listed in the NRHP. Of these total, 10 properties are outside the quarter mile of the project undertaking and 6 properties are within. (See Tables 5-A and 5-B.)

²¹ At least three rivers are mentioned within the sector: the Río Grande, the Río Tanamá, and the Río Los Santiago, also known as Río Santiago.


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TABLE 5-A
ARECIBO PROPERTIES LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES
OUTSIDE THE PROJECT'S QUARTER MILE

NAME AND ADDRESS	INCLUSION DATE	NRHP ID NUMBER	CATEGORY	CRITERION
Faro de Arecibo PR#66	23 November 1977	77001546	Building	C
Casa Ulanga #7 Gonzalo Marín Street	26 July 1982	82003822	Building	C
Teatro Oliver (Corregimiento Plaza Theater) Llaguery and Toribio Pagán Streets	6 January 1986	86000041	Building	C
Casa Córdova 14 Gonzalo Marín Street	17 November 1986	86003185	Building	C
Paseo Víctor Rojas Gonzalo Marín Street and de Diego Avenue	19 November 1986	86003188	Building	C
Palacio del Marqués de las Claras 58 Gonzalo Marín Street	12 July 1988	88000964	Building	C
Cambalache Bridge West of PR#2 Km 72	19 July 1995	95000831	Structure	C
National Astronomy and Ionosphere Center PR#625	22 December 2015	07000525	Structure	A
Federico Degetau School PR#622 km 68	26 Mayo 2020	MP10000523	Building	C
PR#6 and PR#6609 From km 68.2 to km 79.9 / from km 0 to km 4.6	14 September 2021	SG 100006909	District	A and C


None of the ten NRHP listed Arecibo properties outside the quarter mile of the project undertaking will be affected by the proposed project.

TABLE 5-B
ARECIBO PROPERTIES LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES
WITHIN THE PROJECT'S QUARTER MILE

ID NUMBER ²²	NAME AND ADDRESS	INCLUSION DATE	NRHP ID NUMBER	CATEGORY	CRITERION
1	Casa Alcaldía de Arecibo José de Diego Street	29 September 1986	86002762	Building	C
2	Edificio Oliver 64 Avenida José De Diego	1 October 1986	86002764	Building	C
3	House 101 Gonzalo Marín Street	19 November 1986	86003183	Building	C
4	House 61 Gonzalo Marín Street	9 June 1988	88000645	Building	C
5	House of the Diosa Mita 251 Fernández Juncos Street	9 September 1988	88000966	Building	B
6	Franklin Delano Roosevelt School Betances Street	8 February 2021	MP100006152	Building	C

None of the NRHP listed Arecibo properties within the quarter mile of the project undertaking will be affected by the proposed project (Figures 9 and 10).

²² The ID Numbers in Table 5-B correspond to numbers that appear in Figures 9 and 10.

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PUERTO RICO PLANNING BOARD

The Puerto Rico Planning Board (PRPB) has a list of properties declared "historic" by means of the organism's resolutions.²³ (In most cases, the list is equivalent to the NRHP list.) (See Table 6.)

TABLE 6
 ARECIBO HISTORIC PROPERTIES
 (AS PER THE PUERTO RICO PLANNING BOARD)

NAME	CONSTRUCTION DATE	RESOLUTION NUMBER	DATE OF DESIGNATION	DATE OF NOTIFICATION
Casa Alcaldia	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Córdova House	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Casa de la diosa Mita	20 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Ulanga House	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Oliver Building	20 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Faro de los Morillos	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Gonzalo Marín 101 Building	20 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Casino de Arecibo ²⁴	19 th century	2000-(R2000)-(RN)-18-	21 December 2000	16 January 2001
Paseo de Víctor Rojas	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Cambalache Bridge	19 th century	2000-(RN)-18-JP-SH	21 December 2000	16 January 2001
Old Suliveres Building	1895-1910	2010-06-01-JP-SH	12 November 2016	15 December 2016

Although not listed in the NRHP, the Old Suliveres Building is eligible for inclusion in the NRHP under Criteria A and C. The property is quite significant regarding the cultural, architectural, and urban development contexts of Arecibo's TUC. The building retains its historic integrity.

None of the PRPB listed Arecibo properties will be affected by the proposed project.

NATIONAL REGISTER OF HISTORIC PLACES ELIGIBLE PROPERTIES

The following studies found at the PRSHPO and the IPRC were interpreted and reviewed.

1. Puerto Rico State Historic Preservation Office, San Juan, Puerto Rico, "Proyecto de reconocimiento de inventario de centros urbanos de los 78 municipios de Puerto Rico," 2020-In progress. In this inventory, still to be presented to the public in its final form, 18 Arecibo architectural properties appear as eligible for inclusion in the NRHP. (See Tables 7-A and 7-B.)

²³ Junta de Planificación, Gobierno de Puerto Rico, San Juan, Puerto Rico, "Registro Oficial de Sitios y Zonas Históricas designados por la Junta de Planificación de Puerto Rico Revisado 7 de diciembre de 2022" (MS: San Juan, Puerto Rico, 2022), Access: <https://jp.pr.gov/wp-content/uploads/2022/12/REGISTRO-OFICIAL-DE-SITIOS-Y-ZONAS-HISTORICAS-DESIGNADAS-Rev.-DIC-2022.pdf>.

²⁴ The building housed the Casino de Arecibo and is also known as the Palace of the Marquis de las Claras.


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TABLE 7-A
ARECIBO NRHP ELIGIBLE PROPERTIES OUTSIDE THE QUARTER MILE
(AS PER THE PRSHPO 2020 IN-PROGRESS INVENTORY)

NAME	APPROXIMATE DATE	CATEGORY	CRITERIA
Cárcel Municipal	1937	Building	A and C
Cementerio Municipal Histórico	c 1864	Site (cemetery)	C
Aduana	1926-1931	Building (USA Customs House)	A and C
Hospital Municipal	1926	Building (hospital)	A and C
Iglesia Presbiteriana de Arecibo	1950-1953	Building (church)	A and C
Respetable Logia Masónica Tanamá 2	1884	Building (Masonic Lodge)	A and C
House Paseo Víctor Rojas	1906	Building (house)	C
Cayetano Coll y Toste House	2 nd half 19 th century	Building (house)	B and C
Trina Padilla de Sanz House	1 st half 20 th century	Building (house)	B and C
Hjalmarson House ²⁵	c 1875	Building (house)	C
House Roses Artau	c 1913	Building (house)	C
Residencial Zeno Gandía	1950-1953	District	B and C

None of the properties included in Table 7-A will be impacted by the proposed project.

TABLE 7-B
ARECIBO NRHP ELIGIBLE PROPERTIES WITHIN THE QUARTER MILE
(AS PER THE PRSHPO 2020 IN-PROGRESS INVENTORY)

ID NUMBER ²⁶	NAME	APPROXIMATE DATE	CATEGORY	CRITERIA
7	Jefferson Grade School	1909	Building (school)	C
8	Escuela Luis Muñoz Rivera ²⁷	c 1920	Building (school)	C
9	Catedral San Felipe Apóstol	1886	Building (church)	A and C
10	Town Plaza	18 th century	Site	A and C
11	Plaza del Mercado	2 nd half 20 th century	Building (market)	C
12	House José A Suliveres	c 1913	Building (house)	A and C

None of the NRHP-eligible properties within the quarter mile of the project undertaking will be affected by the proposed project (Figures 9 and 10).


2. Puerto Rico State Historic Preservation Office, San Juan, Puerto Rico, "Inventario Arquitectónico de Arecibo, 1985," carried out by the Programa de Inventario Histórico Arquitectónico de Arecibo (PIHAA), Interamerican University.

The only Buenos Aires streets included in this inventory are Juan Rosado Avenue (PR-10) and Santiago Iglesias Street. Unfortunately, the inventory is 40 years old, and needs to be updated, an activity outside the scope of this work.

²⁵ The house is also known as the Casa de los Soles Truncos, a reference to the wood fanlights that decorated the doors of its façade. According to local folklore, René Marqués' novel *Los Soles Truncos* (1958) was inspired in this house.

²⁶ The ID Numbers in Table 7-B correspond to numbers that appear in Figures 9 and 10.

²⁷ Architect Adrian Finlayson (1883-1921) is associated with this building. It is important to remember Finlayson's name appears in many of the architectural plans prepared during the time he headed the Public Buildings Division of the Department of the Interior in Puerto Rico. Therefore, he is not necessarily the author of all of them.

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3. Institute of Puerto Rican Culture, San Juan, Puerto Rico, “Zona Histórica de Arecibo Propuesta 2010-2011,” Patrimonio Histórico Edificado.²⁸

This work is based on an inventory authored by Mr Jorge Rigau for the Programa de Revitalización de los Centros Urbanos de los Pueblos de Puerto Rico Secretaría de Urbanismo, Departamento de Transportación y Obras Públicas. The document proposes a historic district within Arecibo's TUC. Although the historic district was never declared and the proposal is based on a non-NRHP methodology, it is interesting to analyze some of its features.

In the first place, the proposal limits the proposed historic zone to the oldest sector of the city. In other words, the proposal differs from the PRSHPO's TUC which includes the Buenos Aires sector. The urban core proposed as a historic zone includes the oldest urban barrios: La Monserrate, San Felipe, La Cruz, and Rosario. Following traditional parameters, the buildings and sites found relevant to be included in the proposed historic zone are the oldest ones associated with the Municipality in the sectors first settled by Europeans. In the second place, more modern barrios – like the Barrio San Luis to name just one – were excluded. This sector includes the first subdivisions of the Arecibo Municipality dated to the second and third decades of the 20th century which are eligible for inclusion in the NRHP under Criteria A and C. Another significant property not included is the Municipal Cemetery on PR-2, eligible for inclusion under Criteria A, B, and C.

ADDITIONAL PROPERTIES WITHIN THE QUARTER MILE
 CONSIDERED ELIGIBLE FOR INCLUSION IN THE NRHP
 (AS PER THE PROGRAM)

PR-2 (also known as the Carretera Militar)

PR-2 is an eligible structure that although having undergone transformations was first planned and constructed by the Spanish Royal Corps of Engineers during the second half of the 19th century. Its Arecibo section, constructed principally in 1922, entered via several bridges and causeways, continuing through the southern side of the Arecibo TUC crossing the Buenos Aires sector. (The bridges and causeways are no longer extant. They have been substituted by the present bridge, a structure eligible for inclusion in the NRHP. (See description below.) The system of bridges and causeways that made possible the crossing of the Río Grande de Arecibo, neighboring rivers and tributaries, is another important aspect related to the PR-2's physical relationship with the Arecibo Municipality. All have been replaced but they are worth mentioning. The section of PR-2 that traverses the Buenos Aires sector is still in use.


Eligible under Criteria A and C, the highway is more than 50 years old. It is associated with several historic contexts related to communication, transportation, and urban development. It still retains its historic integrity particularly as a vehicular link along the northern coast.

PR-10 (also known as Juan Rosado Avenue)

The present-day Juan Rosado Avenue was part of the path (*camino*) that served as entrance to the Arecibo town core from the south and east. In fact, until 1922 when the PR-2 extension was built by-passing the urban core, this road served as main entrance to the town traversing the Buenos Aires sector. Additionally, the road connected Arecibo to Utuado Municipality, its neighbor on the south.

The centuries-old use of this road, part of the Spanish Royal Corps of Engineers 19th century plan for PR-2, as one of the principal accesses to the town makes the structure eligible for inclusion in the NRHP under Criteria A and C. The structure – designed to link Arecibo on the north coast to Ponce on the south one – retains its historic integrity since its alignment has been preserved. It is an essential component of the historic context regarding the history of Arecibo, as well as the history of the road connections between the town and surrounding municipalities. A significant length is in the Buenos Aires sector.

²⁸ Although the IPRC has an architectural inventory that includes some of the TUC's properties, there is no way to know if the properties studied still exist. This is the reason it is not included in this EDF.

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The study authored by the US Army Corps of Engineers, Jacksonville, Florida, "A Multidisciplinary Approach to Site Testing and Date Recovery at Two Village Sites (AR-38 and AR-39) on the Lower Río Tanamá, Municipality of Arecibo, Puerto Rico" (MS: Jacksonville, Florida, 2007), includes general comments regarding the historic architecture of Juan Rosado Avenue (PR-10). Nevertheless, since the following caveat is made: ". . .not all buildings of importance existing in the study areas are analyzed; only a sampling of some of the most significant structures is provided,"²⁹ the information is too general and needs to be updated, an activity outside the scope of work of this project.

Bridge 44 (Replacement of Bridges 44-54)

According to the Puerto Rico Highway Authority, the present bridge (Memorandum of Agreement (MOA), signed in the year 2000) is the longest one in the Archipelago.³⁰ The structure replaces the series of bridges and causeways built during the 1920s to connect both sides of the rivers system that is found east of Arecibo. This makes the structure eligible for inclusion in the NRHP under Criterion C and Criterion Consideration G, as an example of the recent past (its construction took place less than 50 years ago) and an engineering feat.

DETERMINATION OF ELIGIBILITY OF THE PLAZA BUENOS AIRES AND ITS VISUAL APE

According to the National Park Service (NPS), eligibility to the NRHP is determined by several characteristics: "The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association . . ." To be eligible, a property must also be associated to an important historic context by meeting at least one of four criteria:

- A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of persons significant in our past; or
- C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. That have yielded, or may be likely to yield, information important in prehistory or history.³¹

Additionally, although there may be exceptions to this rule, a property must be at least fifty years old to merit inclusion in the NRHP. A careful analysis of Buenos Aire Plaza demonstrates it complies with the NRHP age requirement since there is evidence that it existed by the year 1931. (See Image 7.) This makes Plaza Buenos Aires more than 90 years old.


The Plaza Buenos Aires

As mentioned, the Arecibo Municipality includes some of the oldest and varied cultural resources within the Puerto Rican Archipelago, particularly in terms of its architectural examples. Buenos Aires is a sector that although not as old (in terms of settlement activities) as the original town core, may be culturally and architecturally significant within the context of the Municipality's urban, commercial, and industrial development.

²⁹ US Army Corps of Engineers, Jacksonville, Florida, "A Multidisciplinary Approach to Site Testing and Date Recovery at Two Village Sites (AR-38 and AR-39) on the Lower Río Tanamá, Municipality of Arecibo, Puerto Rico" (MS: Jacksonville, Florida, 2007), p 42. This document includes some information provided by Dr Arleen Pabón-Charneco many years ago when she submitted a proposal for an architectural interpretation of the sector. This includes personal communications regarding the history of the site made to her by some of her family members (A Charneco, D Charneco, and A Sierra).

³⁰ Department of Transportation and Public Works, Puerto Rico Highway Authority, San Juan, Puerto Rico, "A Special Report on Puerto Rico Highway Authority" (MS: Government Development Bank, 1968), 8, Access: https://issuu.com/coleccionpuertorriquena/docs/prha_june_1968.

³¹ National Park Service, "National Register Bulletin How to Apply the National Register Criteria for Evaluation," pp 2; 12-24, Access: https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf.

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In the information that is included in a US Corps of Engineers study, four types of properties were preliminarily noted along Juan Rosado Avenue.³² These were: (i) warehouses and sheds, (ii) residences, (iii) buildings including residences and commercial venues, and (iv) commercial buildings. If all these types were found along one thoroughfare, it is easy to imagine the variety the sector must have included at its heyday and the dozens of examples which may have been preserved. Unfortunately, since there is no complete and updated inventory of Buenos Aires and not one property is listed in the PRSHPO's 2020-In Progress Inventory, the full potential of the barrio in terms of historic architecture is at his time unknown. Obviously, an inventory of the Buenos Aires sector is outside the scope of this work.

During the first half of the 20th century, Plaza Buenos Aires became the square for the Buenos Aires barrio. In an aerial 1931 photograph, the plaza is clearly seen, as well as the small island next to it. This interest in having a public square for the new residential Buenos Aires area is not surprising given Arecibo's penchant for such sites. In addition to the principal plaza anchoring the town (Plaza Luis Muñoz Rivera), Arecibo's history is characterized by the development of multiple plazas and *plazuelas*.³³ (See Table 8.)

According to a 1998 source,³⁴ earlier plazas and *plazuelas* had different names throughout Arecibo's history, a fact that is true to most plazas throughout the Archipelago. Since Plaza Buenos Aires is a 20th century addition to this roster, it was not mentioned in the narrative describing the historic iterations. By the end of the 19th century, there were six such sites in town.

TABLE 8
PLAZAS AND PLAZUELAS WITHIN ARECIBO'S HISTORIC CORE

HISTORIC NAME (S)	NAME IN 1998
Plaza Mayor (Plaza de Recreo) (Plaza de Isabel II)	Plaza Baldorioty de Castro
Plaza del Corregimiento ³⁵	Plaza Francisco Jauregui
Plazuela San Felipe	Plazuela Eugenio Sánchez López
Plazuela de La Magdalena	Plazuela José A Maquiavelo
Plazuela de la Marina (Plazuela de la Libertad)	Plazuela Manuel Pérez Avilés
Plazuela de La Monserrate	Plazuela Manuel Ledesma


The plazas included in Table 8, as well as the Plaza Buenos Aires, are different from Arecibo's Plaza Luis Muñoz Rivera since the last example is a traditional Puerto Rican town plaza. Characteristically known as *plaza mayor* (major plaza) in all municipalities, the town plaza was a symbol of a power triad that included the Crown, the Church, and the People (although not in a democratic manner but more like a civic organism). This is the reason these sites are always found next to the town church and the mayoralty house (*casa alcaldía*). Additionally, it was not unusual for important families and businesses to construct their building surrounding the town plaza, also known in some historic documents as *plaza pública* (public plaza). It was, therefore, not only a planned space in terms of what was to be built around it and its morphology but the most important place both symbolically and physically. Its traditional orientation (east to west) and rectangular shape silently speak of an urban organization that was meant to anchor the whole town (organized by means of an orthogonal grid).

³² US Army Corps of Engineer, Jacksonville, Florida, "A Multidisciplinary Approach to Site Testing and Date Recovery at Two Village Sites (AR-38 and AR-39) on the Lower Río Tanamá, Municipality of Arecibo, Puerto Rico," 44. This information related to the typologies found was provided by Dr Arleen Pabón-Charneco.

³³ *Plazuela* is the Spanish diminutive for plaza (square).

³⁴ Cynthia Velázquez, *Arecibo . . . Así era* (Ponce, Puerto Rico: Imprenta Las Américas, 1998).

³⁵ The *Corregimiento* represented the Crown in the colonies.

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In contrast to the town plaza, all other iterations were not planned *a priori*. In many cases, they were created in spaces that were not fully functional in terms of pedestrian circulation or vehicular transportation. In fact, the Plaza Buenos Aires is in triangular shape, a difficult geometry that evidences its non-planned origins. Like the larger neighboring square, it was the result of the vehicular street pattern, as was the case with the extension of Mirta Silva Street. Evidence of the informal development of the sites is the fact that while Plaza Buenos Aires seems to have been born a plaza framed by three roads, one of them at an angle, its neighboring square was – as late as 1943 a block that included buildings. (See Image 6.) This independence from the traditional orthogonal grid is also present in other site squares as: Plaza Maquiavelo (dedicated to a local poet), Plaza del Corregimiento (created in front of a Spanish government building), and Plazuela de la Monserrate (in honor of the Virgin of Monserrat). Their irregular floor plans were the result of later development phases. It is also possible they are examples of informal urban development.

Rather than a planned urban space, as was the case of the principal plaza, Plaza Buenos Aires seems to have been the result of making use of an unoccupied area, as was the case of some of the plazas. In other words, it was not a pre-planned urban property, as was the case with the principal one. There exists another difference between it and the older examples. Plaza Buenos Aires may be the product of vehicular traffic, in this case cars. It was also the product of the local tradition of having several plazas.

Planned squares like the Puerto Rican town plazas are quite different from plazas that develop in a relatively arbitrary manner. First, the planned type usually uses formal geometric shapes: the rectangle, square, oval, and circle being the preferred ones. (While Plaza Buenos Aires sports a triangular shape, this morphology responds to vehicular patterns and not necessarily to a planned and conscious design objective.) Second, important buildings like the town church and mayoralty house were planned for the plazas' perimeters. Informally planned squares, on the other hand, were usually surrounded by a more limited number of uses. Residential and commercial were the outstanding ones. While the formally planned sites aim at creating a noble space that emphasizes buildings and/or uses, the second type are usually quite informal in approach and therefore establish a more intimate relationship with the visitor. In many cases, they were also smaller than the official iteration (hence, the use of the word *plazuela*).


In both Spanish and English, the word plaza describes a surface plane.³⁶ From an architectural point of view, this plane defines a spatial unit that has the metaphysical ability of transforming space into place.³⁷ During the 19th century, Antoine-Chrysostome Quatremère de Quincy (1755-1845) defined architecture as a language for the first time ever.³⁸ He also established architectural examples are formed of three characters: (i) essential, (ii) distinctive, and (iii) relative. His theory is still considered valid. While this is not the place or time to fully analyze this interpretation, a plaza's essential (its simplest essence or "spirit") and distinctive (its dominant qualities) characters are independent features from those having to do with its relative character (the ephemeral "decoration" which is added with time to plazas).

Contrary to what some may believe, the many decorations (at times passing as "designs") time has gifted to town plazas are not part of the plazas' architectural essence or distinctiveness, as explained by Quatremère and accepted at this time. In other words, Arecibo's town plaza is much more than a collection of objects (an obelisk, the sculpture of a queen, seats, trees, trash cans, among others). It is, to put it simply and paraphrasing eminent architectural philosopher Jacques Derrida (1930-2004), "the place where Arecibo desire can live." Arecibo "desire" can be defined as the goal of been an independent town, different from all others, and serving the local

³⁶ The *Diccionario de la Real Academia de la Lengua Española* (Madrid: Real Academia de la Lengua Española) defines "plaza" as: "lugar ancho y espacioso dentro de un poblado, al que suelen afluir varias calles," while *Oxford Dictionary* establishes: "a plaza is a public outdoor square with buildings around it."

³⁷ According to contemporary architectural theory, a place is where humans can interact with the spiritual, natural, civilized and personal spheres that define them.

³⁸ The relationship between architecture and language had been intimated before. Roman architect and theorist Vitruvius is one such interpretation.

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intersection of powers: the crown, church, and the people. This contention was particularly true before the creation of the Arecibo suburbia when the town plaza represented a distinctive community among the many others that formed the Puerto Rico Archipelago.

The Plaza Buenos Aires' age evidences a different intention than the Arecibo town plaza in front of the Cathedral. While they are both iterations of the architectural typology of the urban plaza, their construction dates and intent create a contrast. The one gracing the core of Arecibo was created as the heart of the town anchoring all sorts of services from governmental to religious, from residential to commercial. Plaza Buenos Aires, in turn, is a residential, 20th century triangular square representing a different objective. This is the reason, there is more flexibility regarding its proposed rehabilitation project. Plaza Buenos Aires is an architectural artifact that has existed since the first half of the 20th century to serve a specific neighborhood. With time, its relative character has consisted of superficial elements that have been added. Nevertheless, its essential (a plaza to serve the Buenos Aires community) and distinctive (its morphology, among others) characters have not been altered with time. They will not be altered by means of the proposed project.

As explained, the park southwest of Plaza Buenos Aires was originally a residential block that was transformed into a green area when the Mirta Silva Street was lengthened. The morphology of the Plaza Buenos Aires and its neighbor presents a rare urban composition that diverges from the Arecibo TUC conventional orthogonal pattern of city blocks and streets. From a community planning perspective, the unique triangular form of the plazas sets them apart as innovative urban spaces. This geometric configuration not only challenges traditional city layouts but also enhances spatial dynamics and pedestrian movement. The fact that we can count the triangular plazas and buildings examples throughout history with one hand, evidences the many functional and aesthetic challenges the form presents.

The Plaza Buenos Aires' morphology is characterized by simplicity and elegance, featuring several trees. These natural elements create a sense of continuity with the surrounding environment while providing shaded areas for relaxation and social interaction. The minimalist approach in the use of a triangle furniture contributes to a clean, open personality. By integrating natural features with a distinctive triangular layout, Plaza Buenos Aires reimagines urban public space. It serves as a functional and aesthetically pleasing area that fosters social connectivity and cultural vibrancy. This innovative composition demonstrates the potential of unconventional urban design in enhancing community life and redefining public spaces.

Unfortunately, Plaza Buenos Aires suffered serious infrastructure damage due to Hurricanes Irma and Maria. The current condition of the site requires complete rehabilitation. This project presents an opportunity to not only repair the damage but also to preserve a rare triangular site.

The Program proposes that the Plaza Buenos Aires is eligible for inclusion in the NRHP (local level) as a historic site under Criterion A, as an example not only of Arecibo's and the Buenos Aires barrio's historic urban development but the Municipality's varied roster of urban plazas. In addition to complying with this significance criterion, it possesses historic integrity regarding the following aspects: location (place where the property was constructed), setting (physical environment of the historic property), feeling (a property's expression of the aesthetic or historic sense of a particular period of time resulting from the presence of physical feature), and association (direct link between the past and the historic property). Possessing historic integrity in terms of its essential and distinctive characters it is, therefore, a contributing property to Arecibo's TUC.

The Visual APE

Table 9 analyzes the properties surrounding Plaza Buenos Aires that form its Visual Ape, starting with its north side. Given the triangular morphology of the plaza, there are only three sides of properties around it.

Not surprisingly, all properties surrounding Plaza Buenos Aires date to the 20th century. (See Table 9.) (See Photographs 1-18 and Photo Key Map.) It is relevant to underscore that the absence of a great number of eligible or contributing properties around the Plaza does not result in a determination of non-eligibility. On the contrary,

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Plaza Buenos Aires is a contributing property of the Buenos Aires barrio and, therefore, it is eligible for inclusion in the NRHP. Although several of the properties surrounding the site may be less than 50 years old, the Program's finding is that it is an eligible site in the Buenos Aires barrio that is a contributing sector of the Arecibo's TUC. The Visual APE includes 24 properties surrounding the Plaza. Image 10 depicts the Plaza Buenos Aires and the surrounding streets, the Visual APE properties (in black and numbered with red circles), and the Visual APE line of demarcation (green). (See Numbers 1-24 in Image 10.) (See Photographs in Table 9.)

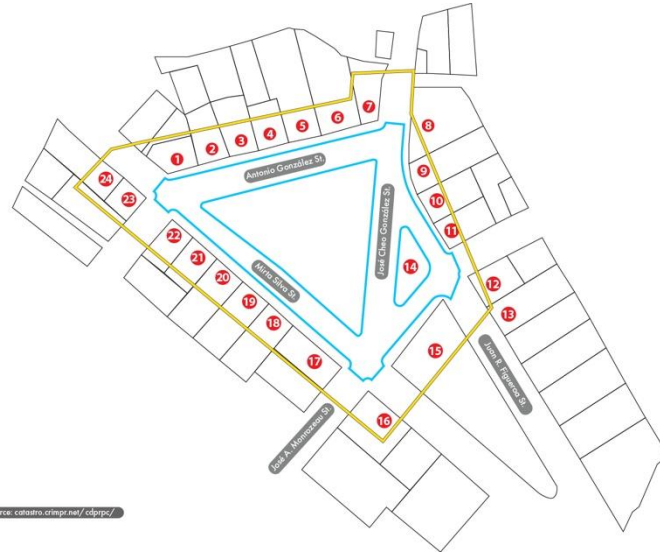


Image 10
 Project Area (blue) and Visual APE Properties (red with white numbers).
 (The yellow line represents the limit of the Visual APE.
 The staging area is within the Direct APE.)

Table 9 includes all properties included in the Visual APE. Each one's significance, category and eligibility criteria are interpreted as per the NRHP guidelines. CRIM Cadaster³⁹ identification numbers and addresses⁴⁰ are also included in the table, as well as the approximate construction dates.

³⁹ The Centro de Recaudación de Ingresos Municipales' (CRIM) numbering and data is infamous for its errors and inconsistencies. Numbers of blocks and, at times, *parcelas* (lots) are not in any special order and different *parcelas* within a block may share the same cadaster number. HCC scrutinized inconsistencies in varied ways, including contrasting what was found in the field with aerial photographs. Despite its many shortcomings, CRIM numbers are used to identify properties because they are the Government of Puerto Rico's official identification for the island's real estate property.




⁴⁰ Towns in the Island are famed for an absence of address numbering along many streets. However, by naming the street of each property and placing it in the Image 9 map, the exact locale is made clear.

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TABLE 9
VISUAL APE PROPERTIES

ID NUMBER	1	
CADASTER NUMBER	012-095-184-07-001	
DATE	2 nd half of 20 th century	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (Apartment House)	
CRITERIA	N/A	
<hr/>		
ID NUMBER	2	
CADASTER NUMBER	012-095-184-06-000	
DATE	N/A	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	
<hr/>		
ID NUMBER	3	
CADASTER NUMBER	012-095-184-05-001	
DATE	N/A	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	

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ID NUMBER	4	
CADASTER NUMBER	012-095-184-04-001	
DATE	Mid-20 th century	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (House)	
CRITERIA	TBD ⁴¹	
ID NUMBER	5	
CADASTER NUMBER	012-095-184-03-852	
DATE	2 nd half 20 th century	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (Apartment House)	
CRITERIA	N/A	
ID NUMBER	6	
CADASTER NUMBER	012-086-184-02-000	
DATE	2 nd half 20 th century	
ADDRESS	Antonio González Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (Apartment House)	
CRITERIA	N/A	

⁴¹ TBD means "To be Determined" once the Buenos Aires Historic District is fully interpreted as per the NRHP guidelines.

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ID NUMBER	7	
CADASTER NUMBER	012-086-184-01	
DATE	2 nd half of 20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (House)	
CRITERIA	N/A	
ID NUMBER	8	
CADASTER NUMBER	012-096-185-09-901	
DATE	2 nd half 20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	
ID NUMBER	9	
CADASTER NUMBER	012-096-185-08-000	
DATE	Mid-20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (House)	
CRITERIA	TBD	

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ID NUMBER	10	
CADASTER NUMBER	012-096-0185-07-000	
DATE	N/A	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	
ID NUMBER	11	
CADASTER NUMBER	012-096-185-06-001	
DATE	Mid-20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (House)	
CRITERIA	TBA	
ID NUMBER	12	
CADASTER NUMBER	012-096-192-01-901	
DATE	Mid-20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	

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ID NUMBER	13	
CADASTER NUMBER	012-096-192-13-901	
DATE	Mid-20 th century	
ADDRESS	Juan R Figueroa Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	
ID NUMBER	14	
CADASTER NUMBER	No cadaster number	
DATE	1930s	
ADDRESS	Juan R Figueroa & José González Streets	
NRHP STATUS		
Listed		
Eligible	X	
Not Eligible		
Contributing	X	
Not Contributing		
CATEGORY	Site (Plaza)	
CRITERIA	A	
ID NUMBER	15	
CADASTER NUMBER	012-096-191-01	
DATE	1950s	
ADDRESS	Juan R Figueroa, Mirta Silva & José A Monrozeau Streets	
NRHP STATUS		
Listed		
Eligible	X	
Not Eligible		
Contributing	X	
Not Contributing		
CATEGORY	Site (Plaza)	
CRITERIA	A	

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ID NUMBER	16	
CADASTER NUMBER	012-096-196-01-001	
DATE	Mid-20 th century	
ADDRESS	José A Monrozeau Street	
NRHP STATUS		
Listed		
Eligible	X	
Not Eligible		
Contributing	X	
Not Contributing		
CATEGORY	Building (House)	
CRITERIA	C	
ID NUMBER	17	
CADASTER NUMBER	012-095-190-06-001	
DATE	Mid-20 th century	
ADDRESS	José A Monrozeau Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	
ID NUMBER	18	
CADASTER NUMBER	012-095-190-05-001	
DATE	N/A	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	

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ID NUMBER	19	
CADASTER NUMBER	012-095-190-04-001	
DATE	Mid-20 th century	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	
ID NUMBER	20	
CADASTER NUMBER	012-095-190-03-001	
DATE	Mid-20 th century	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	TBD	
ID NUMBER	21	
CADASTER NUMBER	012-095-190-02-001	
DATE	Mid-20 th century	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM
CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination



Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires


Project ID: PR-CPR-000772

ID NUMBER	22	
CADASTER NUMBER	012-095-190-01-001	
DATE	1 st half 20 th century (?)	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible	X	
Not Eligible		
Contributing	X	
Not Contributing		
CATEGORY	Building (Mixed Use)	
CRITERIA	C	
ID NUMBER	23	
CADASTER NUMBER	012-095-187-03-001	
DATE	Mid-20 th century	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (Empty Lot)	
CRITERIA	N/A	
ID NUMBER	24	
CADASTER NUMBER	012-095-187-02-001	
DATE	Mid-20 th century	
ADDRESS	Mirta Silva Street	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (Apartment House)	
CRITERIA	N/A	

A summarized interpretation of the 24 properties reveals the following. (See Table 10.)


TABLE 10
SUMMARY OF VISUAL APE PROPERTIES SURROUNDING THE PLAZA

TYPE	NUMBER
Eligible Properties	4
Not Eligible Properties	20
Contributing Properties	12
Not Contributing Properties	12
Total of Properties in the Visual APE	24

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipio de Arecibo	
Project Name: Revitalization of Plaza Buenos Aires	Project ID: PR-CPR-000772

As can be seen from the study of Table 10, the number of properties forming the Visual APE of the project is 24. Out of this number, only 4 (6%) are eligible for inclusion in the NRHP. While there are 12 properties which are contributing, 12 are not. Not one of the eligible properties was built during the 19th century since all are 20th century examples.

While some properties include mixed uses with varied types of businesses on the first floor and residential use on the second one, the vast majority belong to the residential category. Most buildings are examples of apartment housing.

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Subrecipient: Municipio de Arecibo	
Project Name: Revitalization of Plaza Buenos Aires	Project ID: PR-CPR-000772

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PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipio de Arecibo	
Project Name: Revitalization of Plaza Buenos Aires	Project ID: PR-CPR-000772

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PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
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Determination

The following historic properties have been identified within the APE:

- Direct Effect

The Direct APE is located within the Arecibo TUC, an eligible historic district to the NRHP for extensive architectural and archaeological resources. There are numerous NRHP-eligible archaeological sites within the quarter-mile research radius of the proposed project. However, there are no recorded archaeological resources within the Direct APE. The proposed project features both repair/rehabilitation and new construction activities that require significant ground disturbance. The depth of disturbance for each activity ranges from 1.48 feet (0.45 meters) below surface to 6.33 feet (1.93 meters) below surface, which has the potential to impact unknown archaeological resources within the APE. Lastly, the Direct APE for the proposed project has never been subjected to an intensive subsurface archaeological survey.

The closest archaeological survey (SHPO 12-03-03-03), which borders the Direct APE to the southeast, had negative results, although the extent of subsurface testing was minimal with only three shovel tests terminating at a maximum depth of 95 cm below surface. This depth is only half the depth of the maximum extent of subsurface disturbance for the proposed project, and the survey insufficiently documented the soil strata encountered and the extent of previous disturbance from urban development. The survey did not address the potential for deeply buried A-horizon soils from lateral accretion of the Arecibo River and its tributaries or from fill soil related to the urban expansion of Arecibo. Due to these issues, the results from this survey do not allow us to determine the potential for unknown and potentially eligible archaeological resources within the Direct APE. While there has been some historic development of the Direct APE, none of the development activities observed through historic aerial photography appear to have significantly disturbed the subsurface soils within the Direct APE. Without a sufficient archaeological survey performed and given the suite of NRHP-eligible archaeological resources within the quarter-mile research radius of the project and potential for deeply buried archaeological deposits, there remains a high potential for the Direct APE to contain unknown and intact archaeological deposits that retain integrity.


Due to the potential for unknown archaeological resources, mitigation measures will be required. A Phase I archaeological survey was considered but is considered insufficient since most of the APE is covered in pavement and systemic testing would not reach the depth proposed for project activities. A monitoring plan is the preferable mitigation measure, since it would cover the entire depth of excavation and allow for thorough documentation of archaeological resources if they are encountered.

Based on all the information researched and analyzed in this document, it is the Program's conclusion that the proposed project will have **No Adverse Effect** on unknown archaeological resources with the condition that an Archaeological Monitoring Plan be developed by an SOI-Qualified Archaeologist and implemented for all project activities requiring ground disturbance including demolition and excavation.

The proposed undertaking will **not** affect the character-defining features of Plaza Buenos Aires and its surrounding streets. The following character-defining features will be preserved:

- A. Triangular shape of the site;
- B. Greenery;
- C. Flat surface surrounded by streets.

Plaza Buenos Aires is a triangular architectural artifact that has existed since the first half of the 20th century. With time, superficial elements have been added. Nevertheless, its essential and distinctive character-defining features have not been altered with time. They will **not** be altered by means of the proposed project. Plaza Buenos Aires is a residential, 20th century triangular square representing a different objective. This is the reason, there should be more flexibility regarding its proposed rehabilitation project since it is eligible for inclusion in the NRHP under Criterion A. As is known: "Integrity of design and workmanship, however, might not be as important to the

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significance, and would not be relevant if the property were a site." According to the NRHP, for this type of property, the setting "must be intact."⁴² The proposed project does **not** alter the Plaza Buenos Aires' setting.

The design follows The Secretary of the Interior's Standards for Rehabilitation.⁴³ Given the nature of the proposed work and based on the results of our historic property identification efforts, the Program has determined that project actions will have no adverse effect on Plaza Buenos Aires, as well as the surrounding streets.

- Indirect Effect:

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect the historic properties that form the Visual APE. The Visual APE extends along the lots on each side of the five roads surrounding Plaza Buenos Aires. To the north and west of the Visual APE, residential buildings and several empty lots can be found. The east side includes residential buildings and a small triangular island with a bust of José González Maldonado atop a pedestal. The south side includes a portion of a neighboring triangular park and additional residential buildings. (See Table 2 for the distance from the Visual APE to the immediate lots.) As previously mentioned, the number of properties forming the Visual APE of the project is 24, of which only 4 (6%) are eligible for inclusion in the NRHP. While 12 properties are contributing, 12 are not.

The proposed undertaking will have no effect on or cause any alteration to the views, nor will it introduce any atmospheric or audible elements that may diminish the historic integrity of any of the properties that form the Visual APE, the Buenos Aires Sector, and the Arecibo TUC.

Supporting Evidence

The project will have no effect upon Plaza Buenos Aires since there will be **no** changes in its boundaries, setting, location, feeling, and association. Buildings will not be removed from their location or demolished. Viewsheds to and/or from the Buenos Aires Sector or the Arecibo TUC will not be altered in any way. While the rehabilitation project entails the redesign of the plaza and its green spaces to create distinct gathering areas that cater to various community activities, it includes ADA-compliant ramps and reconfiguring the planters. The project maintains the triangular shape, the mature trees and setting that distinguish this site.

The improvements are compatible with The Secretary of the Interior's Standards for Rehabilitation, specifically Standards 9 and 10. As is known, these two standards guide the design of compatible designs:


9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.⁴⁴

⁴² National Park Service, "National Register Bulletin How to Apply the National Register Criteria for Evaluation," pp 46 and 48.

⁴³ National Park Service, US Department of the Interior, "The Secretary of the Interior's Standards for Rehabilitation," Access: <https://www.nps.gov/subjects/taxincentives/secretarys-standards-rehabilitation.htm>. National Park Service, US Department of the Interior, "The Illustrated Guidelines for Rehabilitating Historic Buildings," Access: <https://www.nps.gov/crps/tps/rehab-guidelines/index.htm>.

⁴⁴ *Idem*.

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Recommendation (Please keep on same page as SHPO Staff Section)

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

Condition (if applicable): To mitigate adverse effects to potential archaeological resources within the Direct APE, an Archaeological Monitoring Plan shall be completed by an SOI-Qualified Archaeologist and shall be submitted to and approved by the PRSHPO. The Archaeological Monitoring Plan shall be implemented by an SOI-Qualified Archaeologist during all ground disturbing activities for the Plaza Buenos Aires project, including demolition and excavation activities.

Adverse Effect

Proposed Resolution (if applicable)

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:

Subrecipient: Municipio de Arecibo

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Project ID: PR-CPR-000772

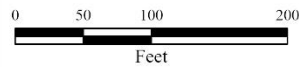
Figure 1 – Project (Parcel) Location – Area of Potential Effect Map (Aerial)



Legend

- ▭ Direct APE
- ▭ Indirect APE

Municipality of Arecibo
City Revitalization Program
PR-CRP-000772



Map created by Dylan Zedaker (ICF) using ArcGIS Pro 3.3.2
 Spatial Reference: NAD 1983 UTM Zone 20N
 Service Layer Credits: ESRI, Maxar, Earthstar Geographics
 Scale: 1:1,000

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

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Figure 2 – Project (Parcel) Location – Aerial

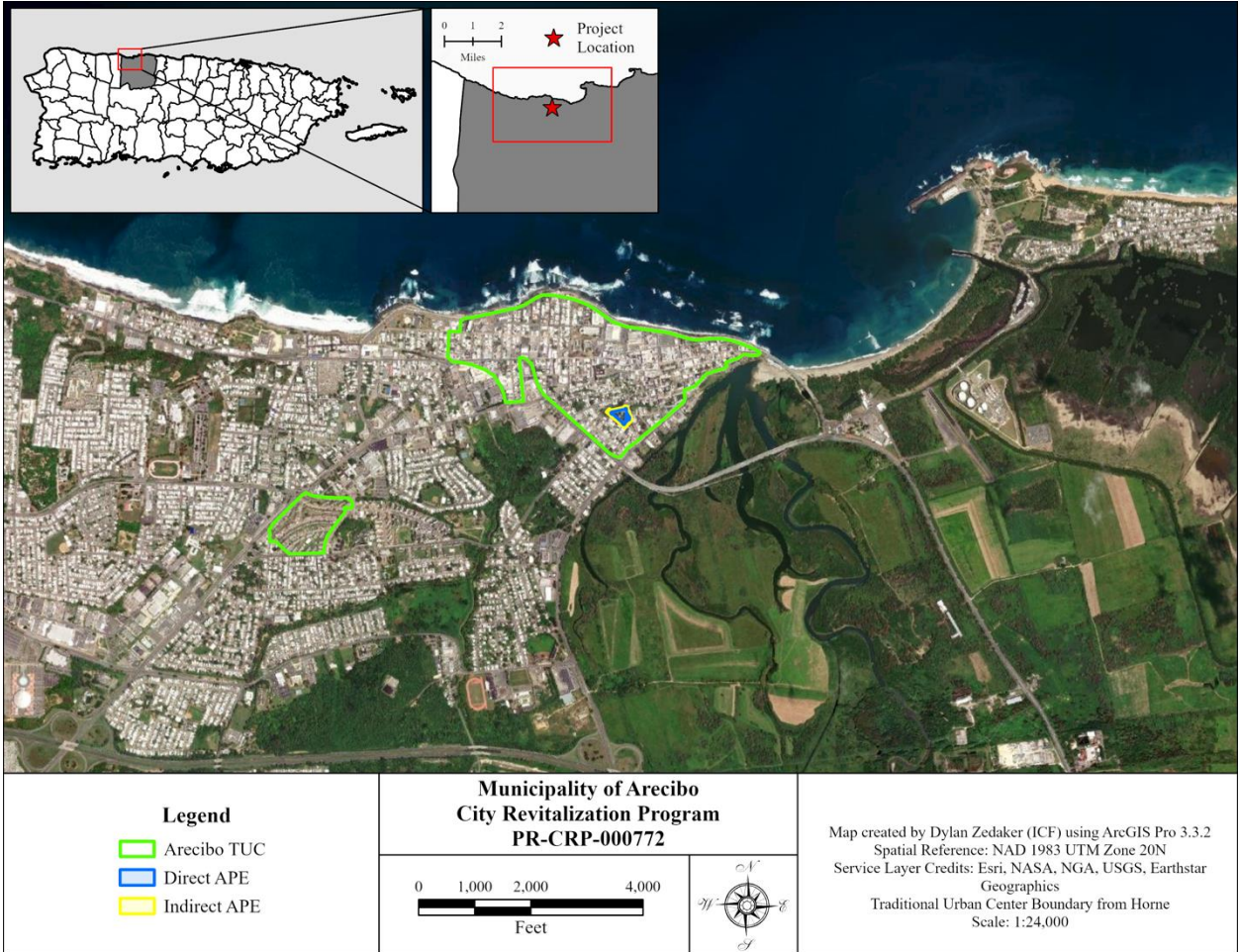


Figure 3 – Project (Parcel) Location – USGS Topographic Map

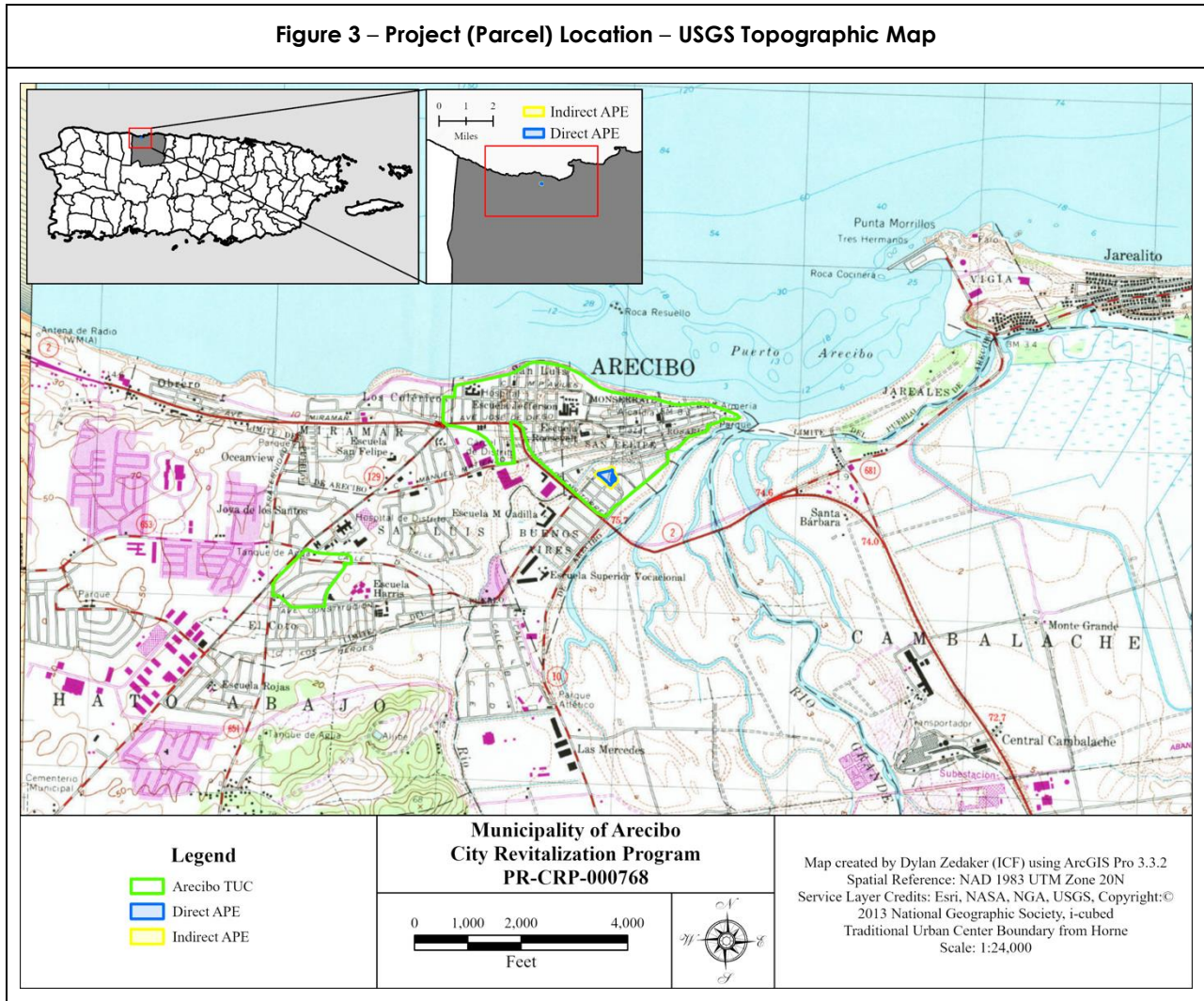


Figure 4 – Project (Parcel) – Soil Map




<p>Legend</p> <ul style="list-style-type: none"> Direct APE Indirect APE Bajura clay (Ba) Coloso silty clay(Cn) Hydraquents (HD) Pits, sand (Pt) Toa silty clay loam (To) Urban land (UI) Water (W) 		<p style="text-align: center;">Municipality of Arecibo City Revitalization Program PR-CRP-000772</p> <p>0 250 500 1,000 Feet</p> 	<p>Map created by Dylan Zedaker (ICF) using ArcGIS Pro 3.3.2 Spatial Reference: NAD 1983 UTM Zone 20N Service Layer Credits: Esri, NASA, NGA, USGS, Maxar Soil Data from USDA Web Soil Service SSURGO Database Scale: 1:6,000</p>
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Figure 5 – Project (Parcel) Location with Previous Investigations– Aerial Map

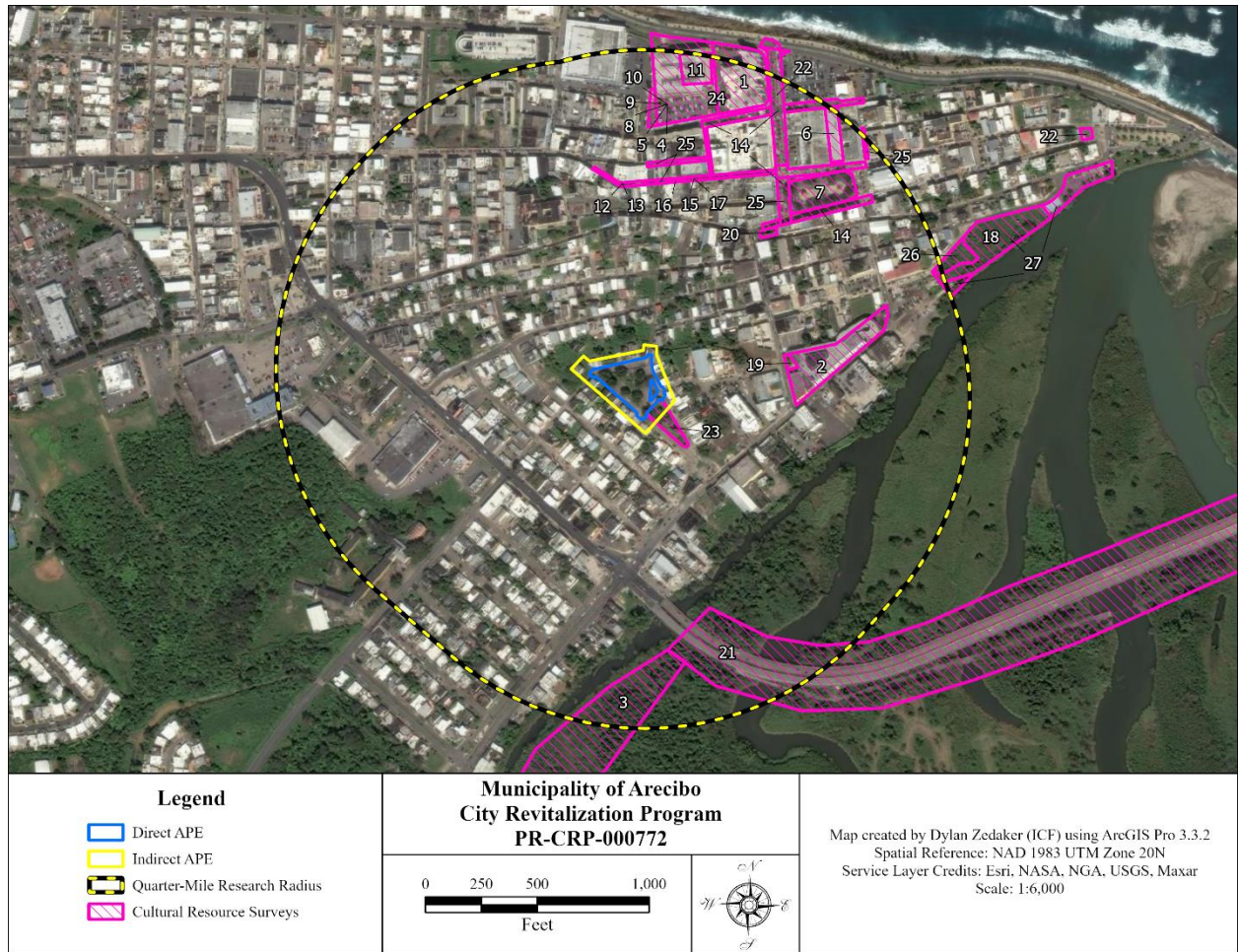


Figure 6 – Project (Parcel) Location with Previous Investigations – USGS Topographic Map

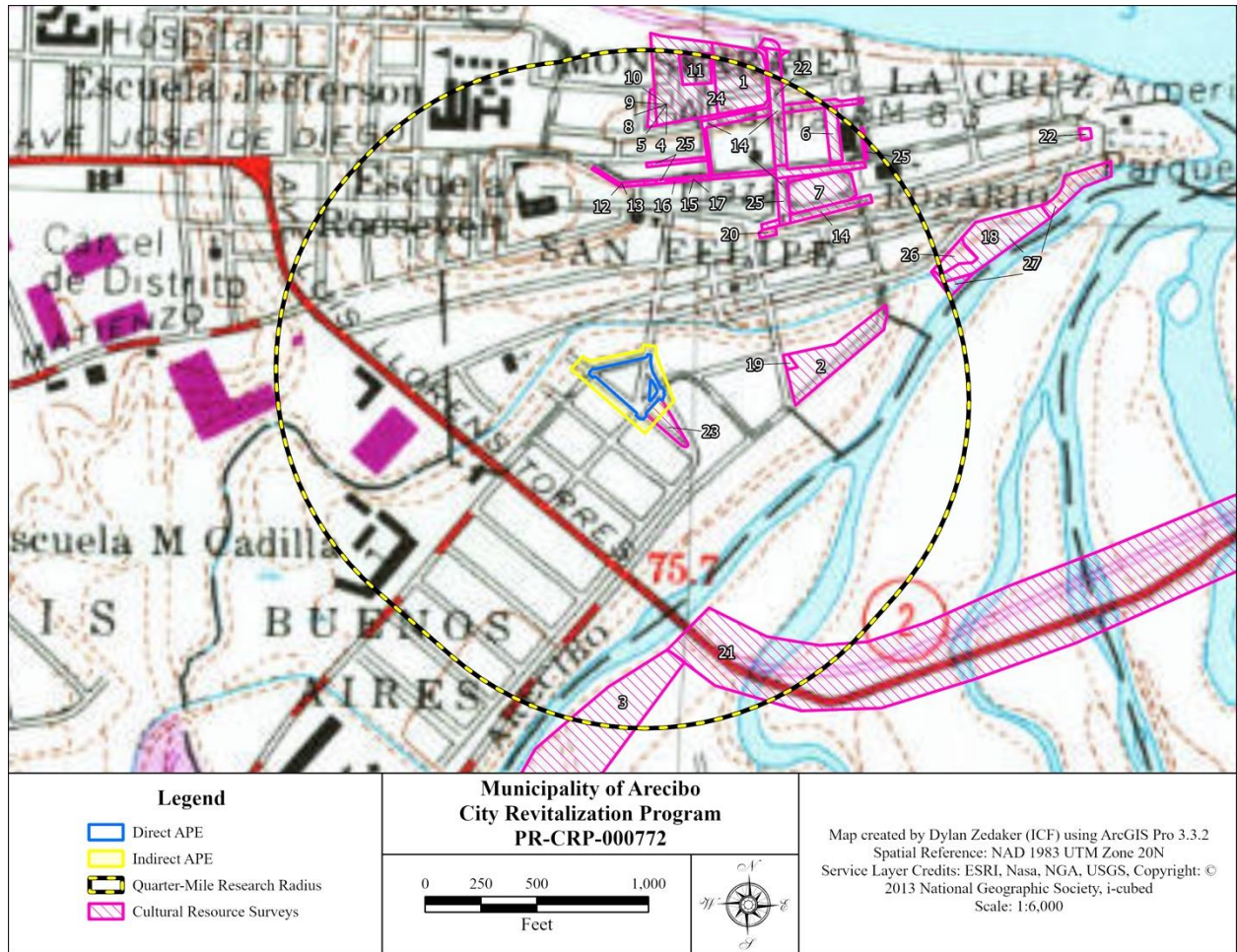


Figure 7 – Project (Parcel) Location with Previously Recorded Archaeological Sites – Aerial Map

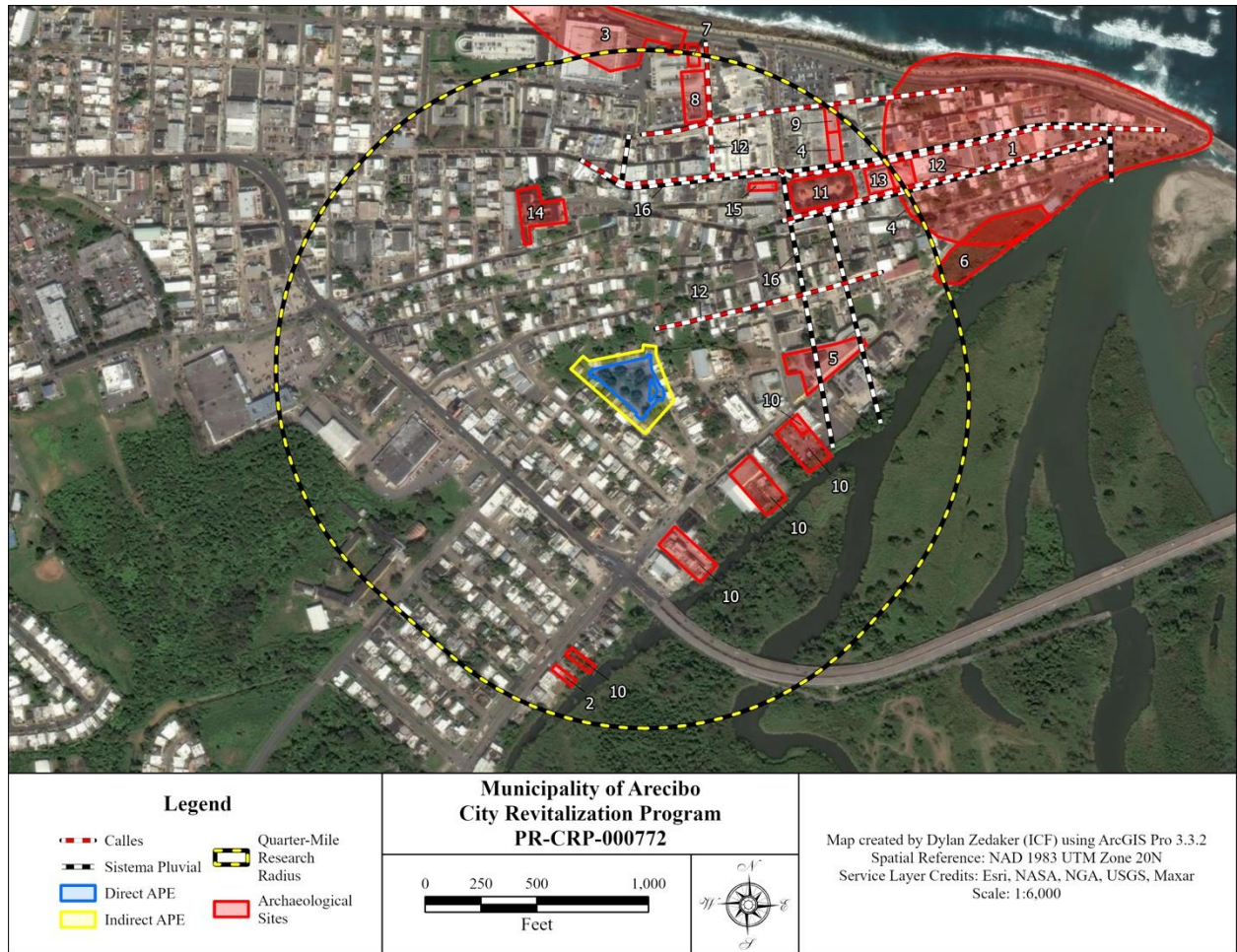


Figure 8 – Project (Parcel) Location with Previously Recorded Archaeological Sites – USGS Topographic Map

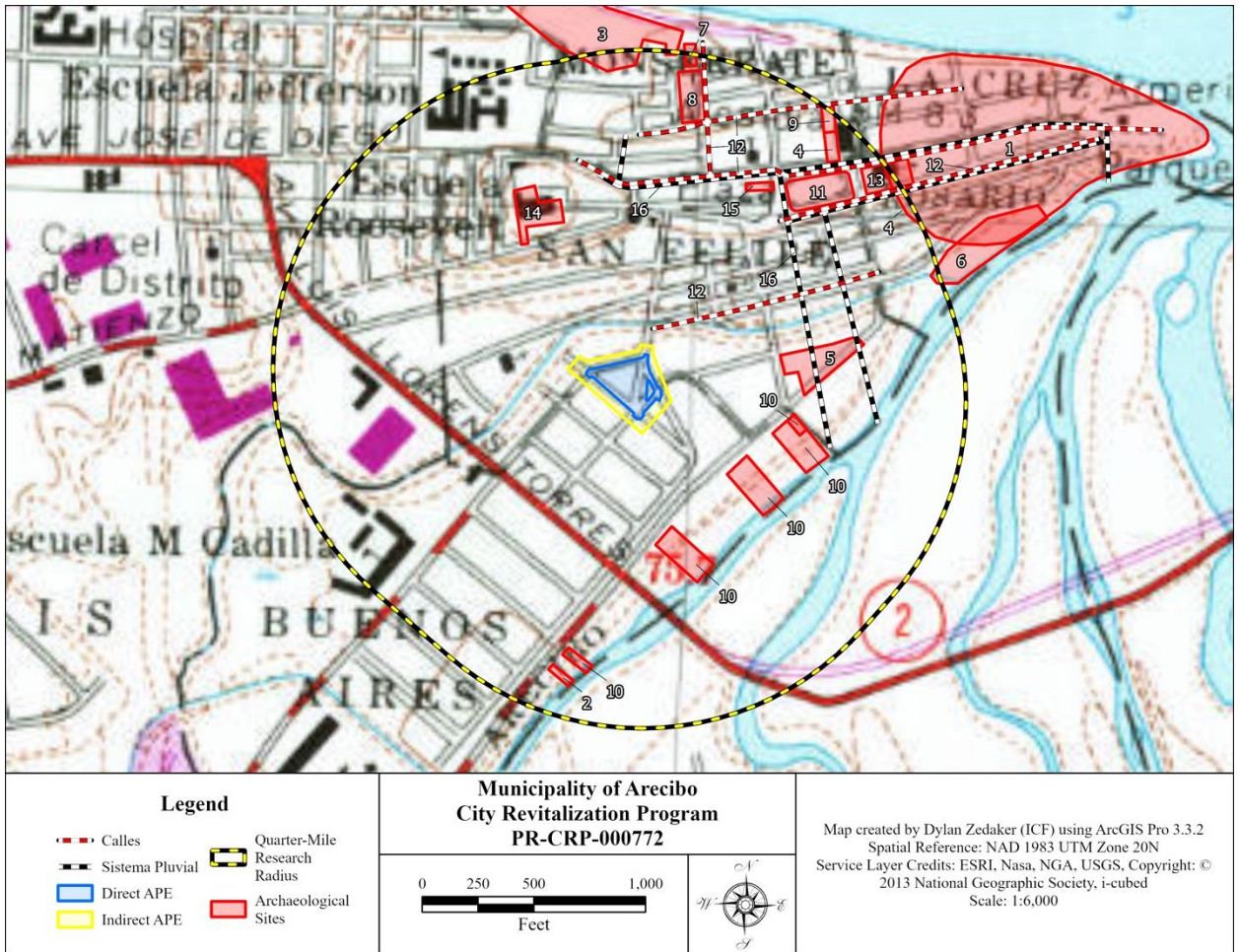


Figure 9 – Project (Parcel) Location with Previously Recorded Historic Resources – Aerial Map

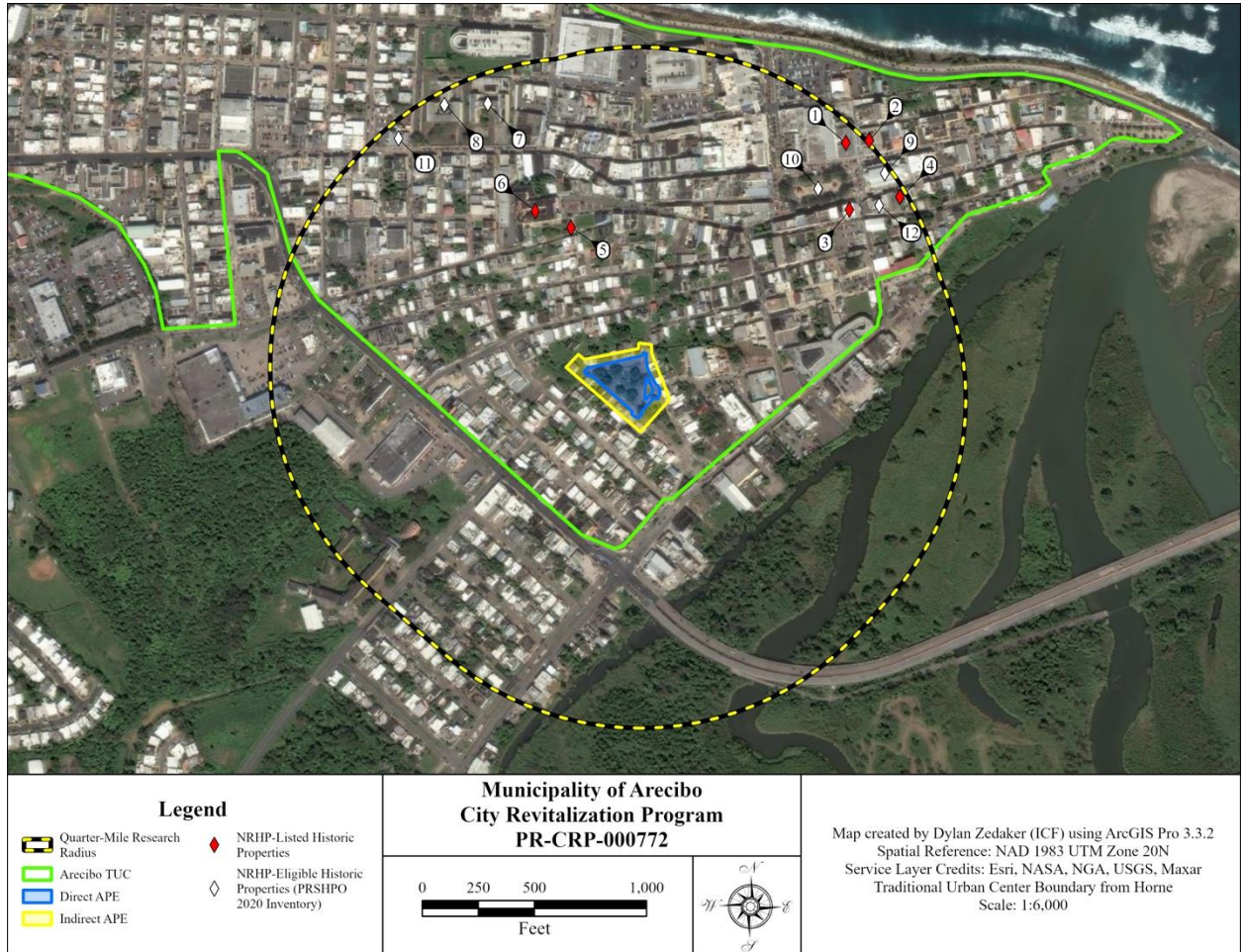
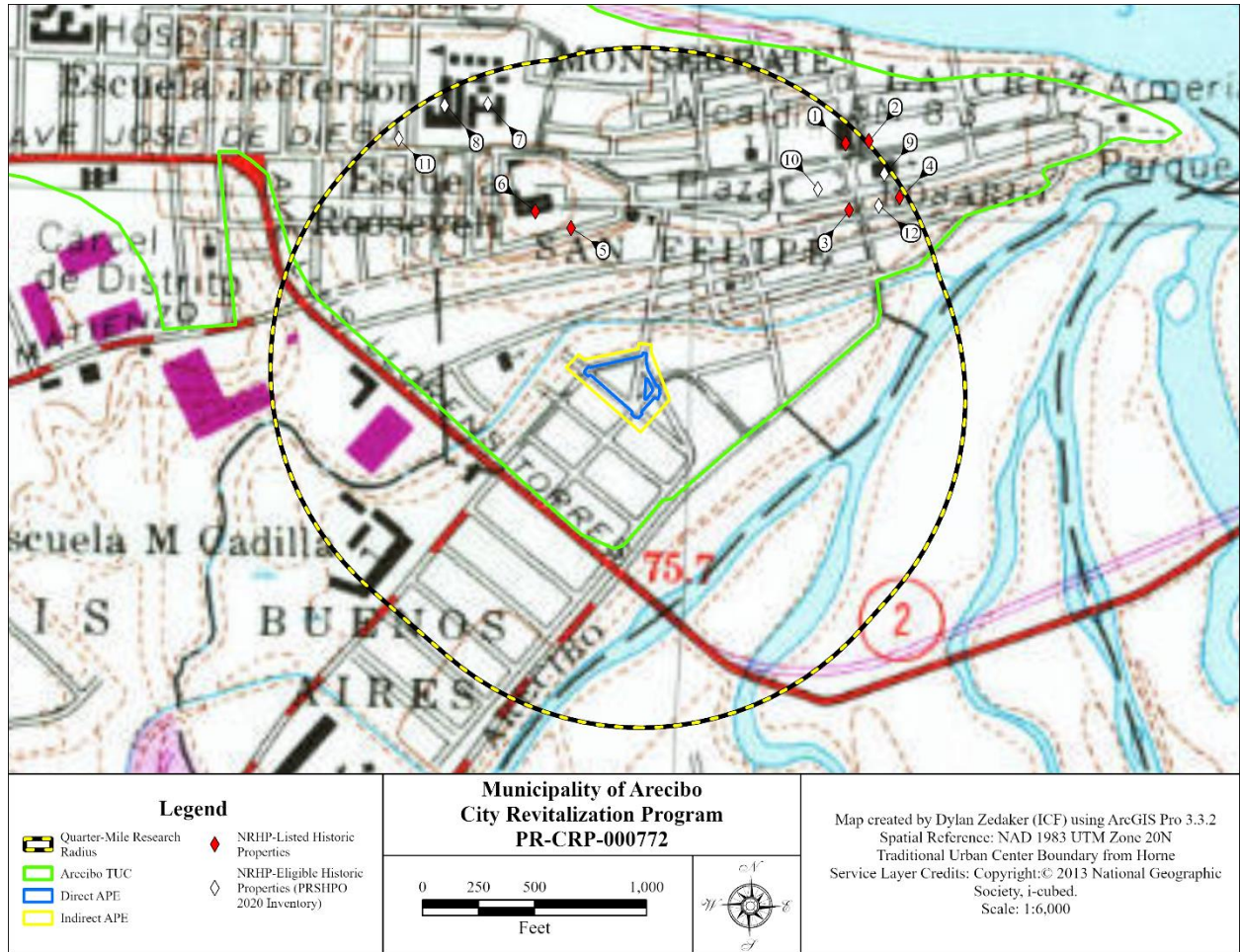


Figure 10 – Project (Parcel) Location with Previously Recorded Historic Resources – USGS Topographic Map





Project (Parcel) Location – Photo Key Map



Source: Google Earth Pro



0 200 Feet

Project (Parcel) Location - Photo Key Map

PLAZA BUENOS AIRES
ANTONIO GONZÁLEZ ST., ESQ. MIRTA SILVA ST. & JOSÉ GONZÁLEZ ST.
MUNICIPALITY OF ARECIBO / CITY REVITALIZATION PROGRAM

View Indicating
Direction of Camera

Visual Area of Potential Effects
Project Location
Staging Area



Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:1

Description: View of the west side of the Plaza from Antonio González Street, looking towards the east.

Date: 01/25/25

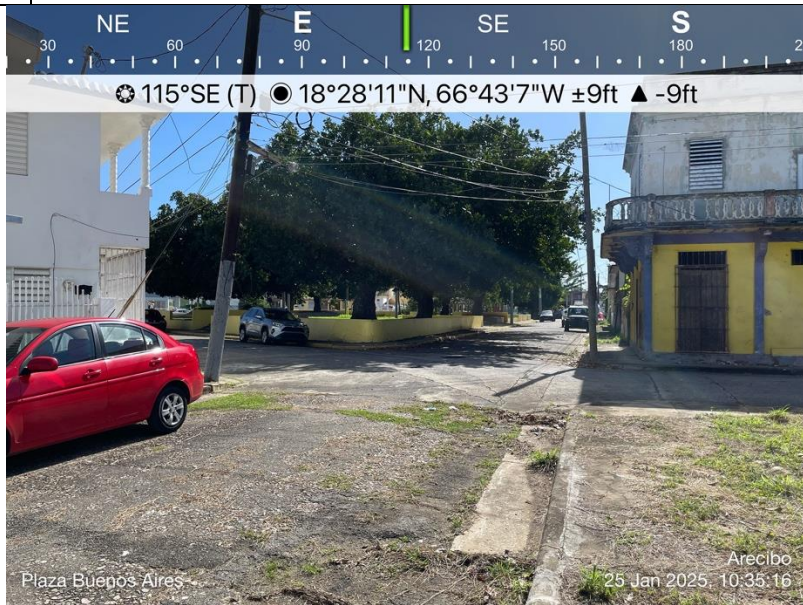


Photo #:2

Description: Looking towards the southeast from the Visual APE border on Mirta Silva Street, Plaza Buenos Aires is on the left.

Date: 01/25/25

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:3

Description: View of the Plaza from the sidewalk on Antonio González Street, looking towards the southeast.

Date: 01/25/25

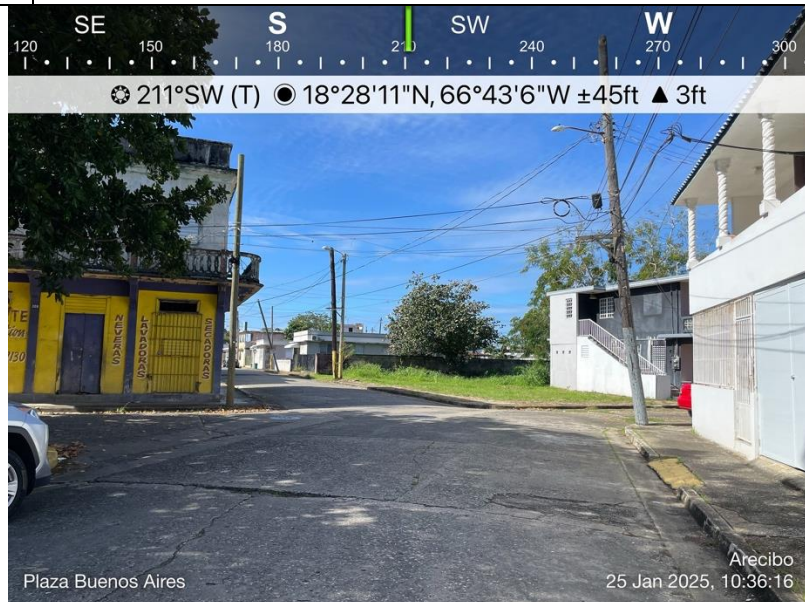


Photo #: 4

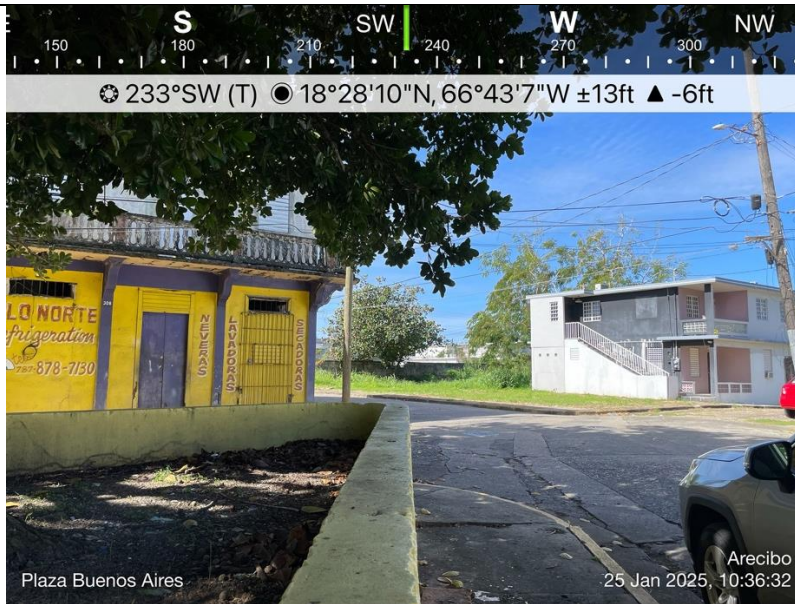
Description: Looking towards the southwest from Antonio González Street.

Date: 01/25/25

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Plaza Buenos Aires

Arecibo
25 Jan 2025, 10:36:32

Photo #:5

Description: Looking towards the southwest from Plaza Buenos Aires.

Date: 01/25/25



Plaza Buenos Aires

Arecibo
25 Jan 2025, 10:37:39

Photo #:6

Description: View of the east side of the Plaza from the corner of Antonio González and José Cheo González Streets.

Date: 01/25/25

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772

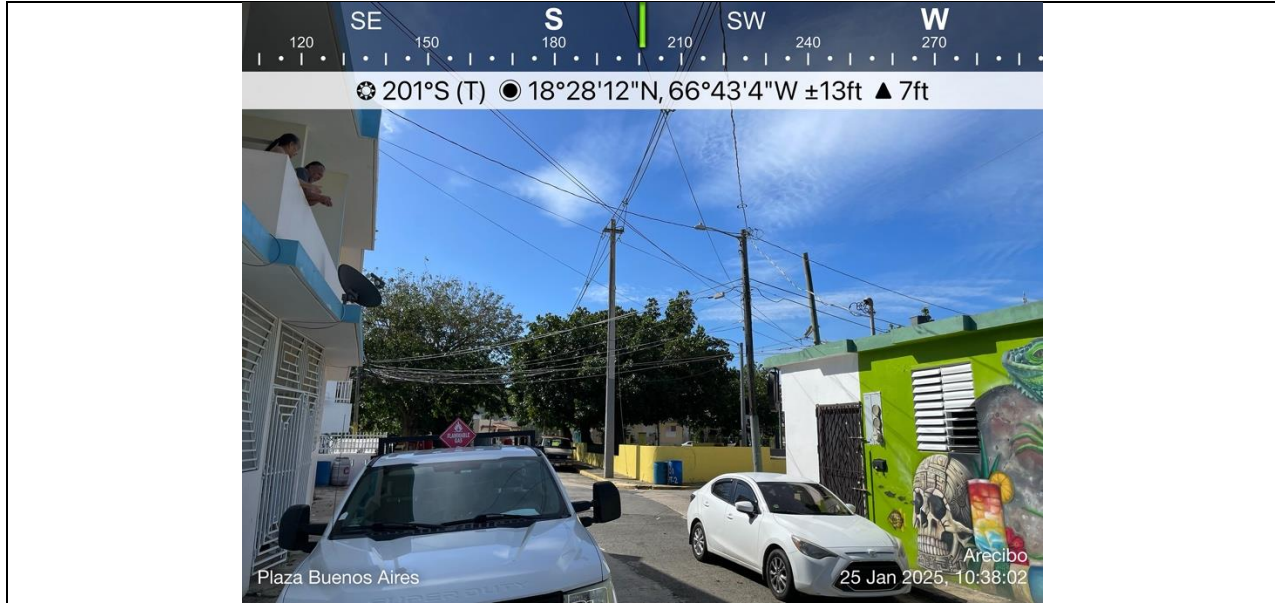


Photo #:7

Description: Looking towards the southwest corner of the Plaza from José Cheo González Street.

Date: 01/25/25

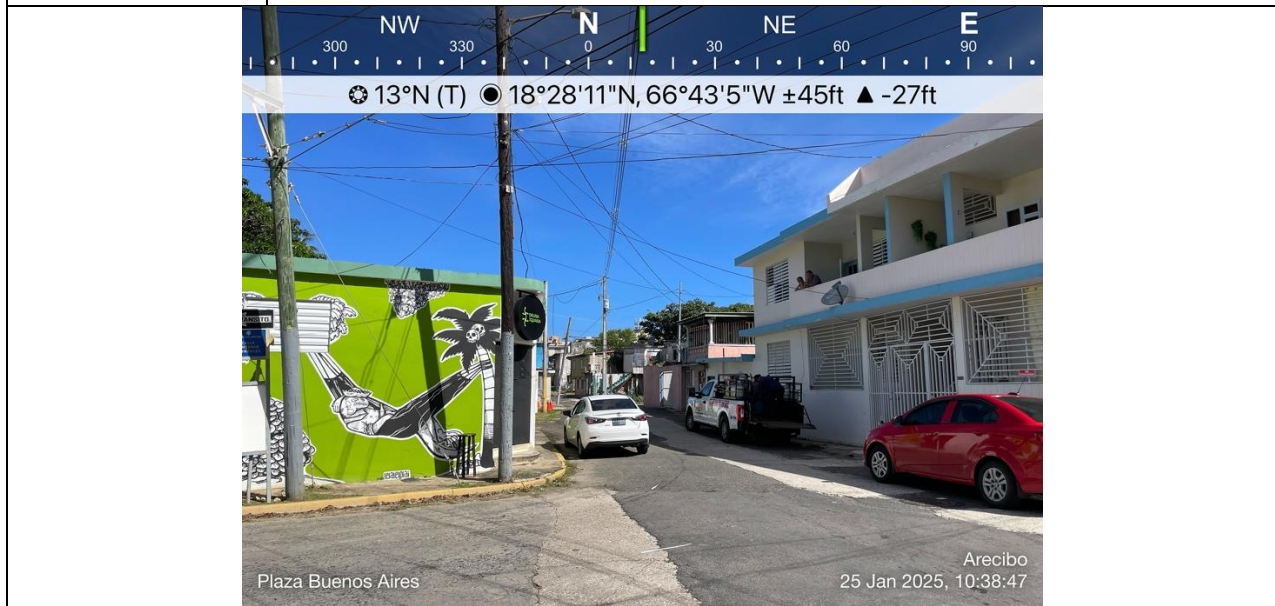


Photo #:8

Description: Looking towards the northeast from José Cheo González Street from the corner of the Plaza Buenos Aires.

Date: 01/25/25

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772

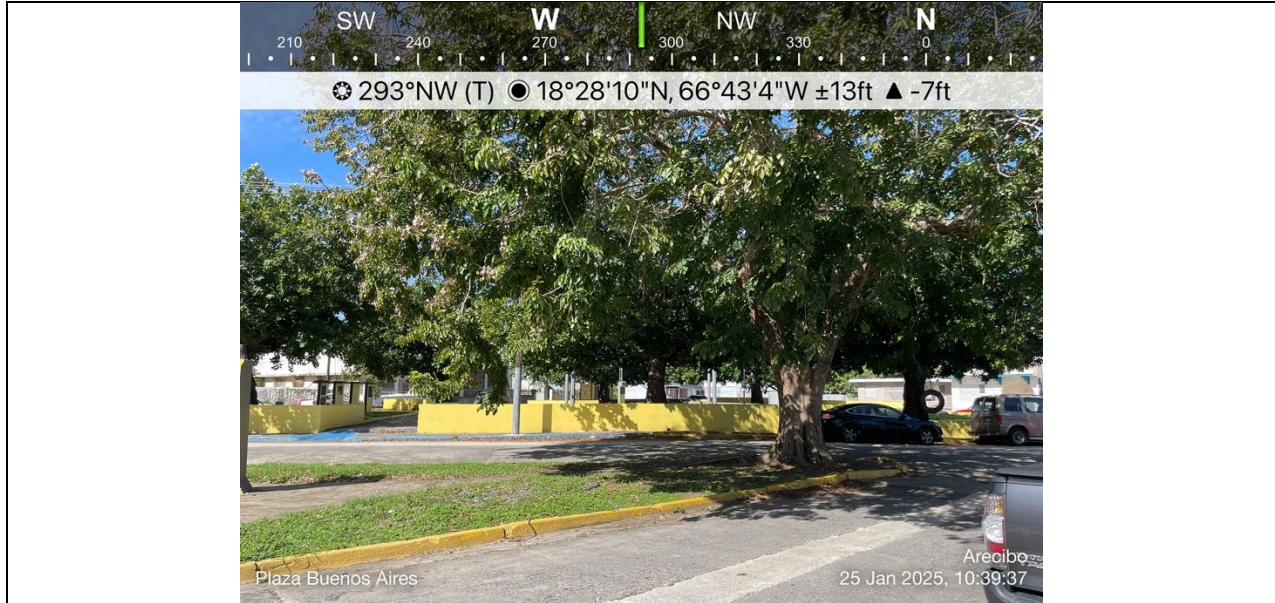


Photo #:9
Date: 01/25/25

Description: Looking west towards the Plaza from Juan R Figueroa Street's sidewalk.



Photo #:10
Date: 01/25/25

Description: Looking towards the east from Plaza Buenos Aires.

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:11

Date: 01/25/25

Description: Looking towards the northwest; the two Plazas are seen on the left side.

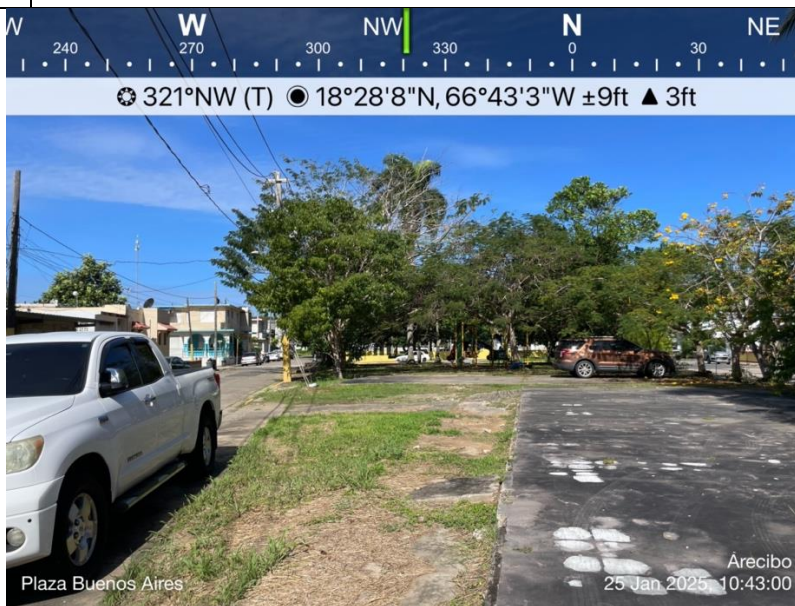


Photo #:12

Date: 01/25/25

Description: Looking towards the northwest and the Buenos Aires Plaza.

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:13

Description: Looking towards the north from the Mirta Silva Street sidewalk.

Date: 01/25/25

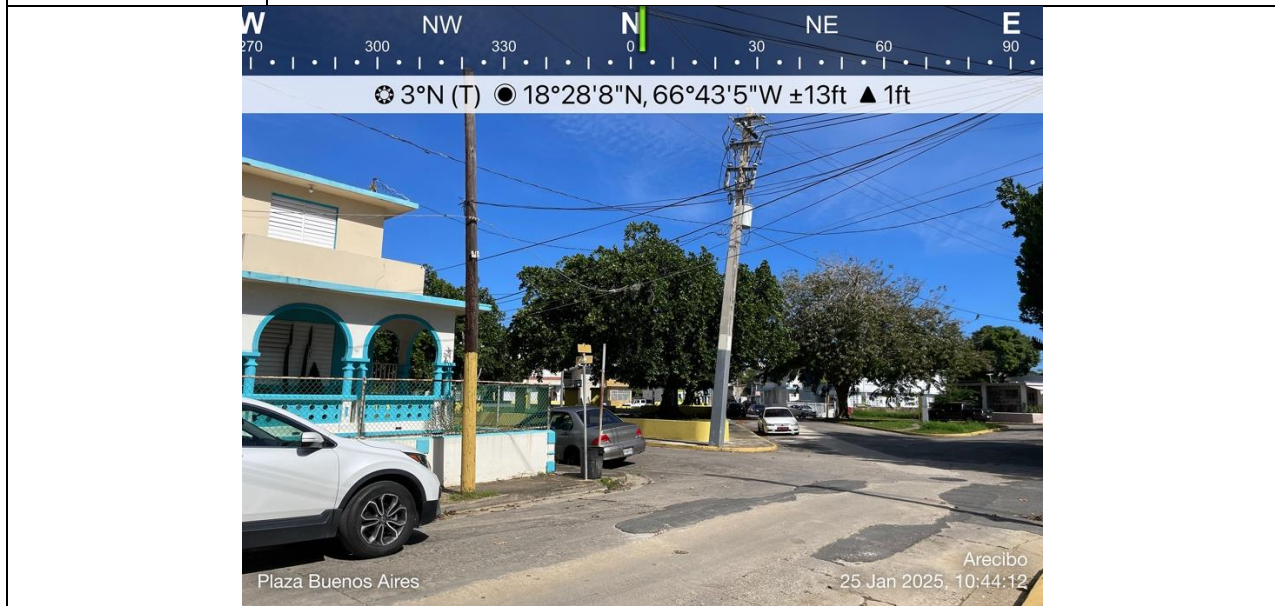


Photo #:14

Description: Looking towards the north from José A Monrozeau Street; the Plaza Buenos Aires can be seen to the left.

Date: 01/25/25

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:15
Date: 01/25/25

Description: Looking towards the southwest from Plaza Buenos Aires towards José A Monrozeau Street.



Photo #:16
Date: 01/25/25

Description: Looking towards the northeast and to the center of Plaza Buenos Aires from Mirta Silva Street.

Subrecipient: Municipio de Arecibo

Project Name: Revitalization of Plaza Buenos Aires

Project ID: PR-CPR-000772



Photo #:17

Description: Looking northwest to the APE limit on Mirta Silva Street.

Date: 01/25/25

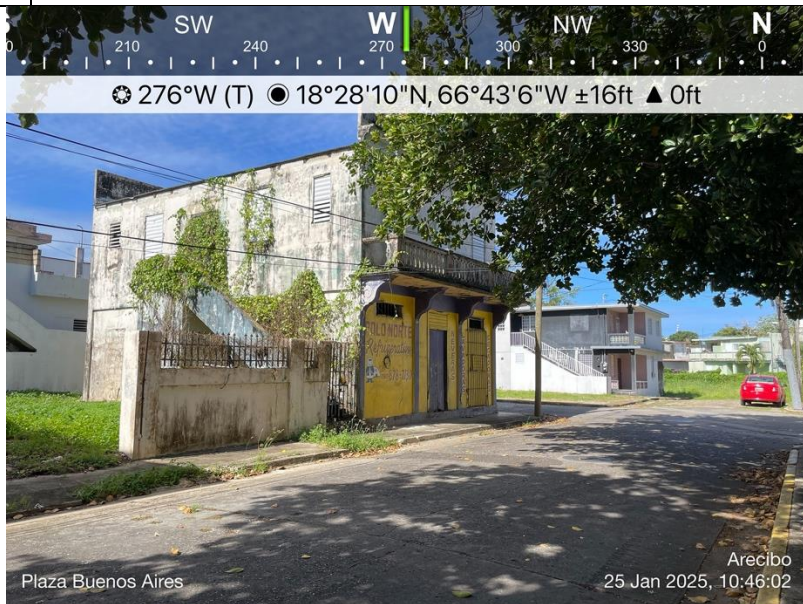


Photo #:18

Description: Looking towards the west from the Plaza Buenos Aires to the intersection of Mirta Silva and Antonio González Streets.

Date: 01/25/25

PR-CRP-000772

REVITALIZATION OF PLAZA BUENOS AIRES
PROJECT

ARECIBO, PUERTO RICO

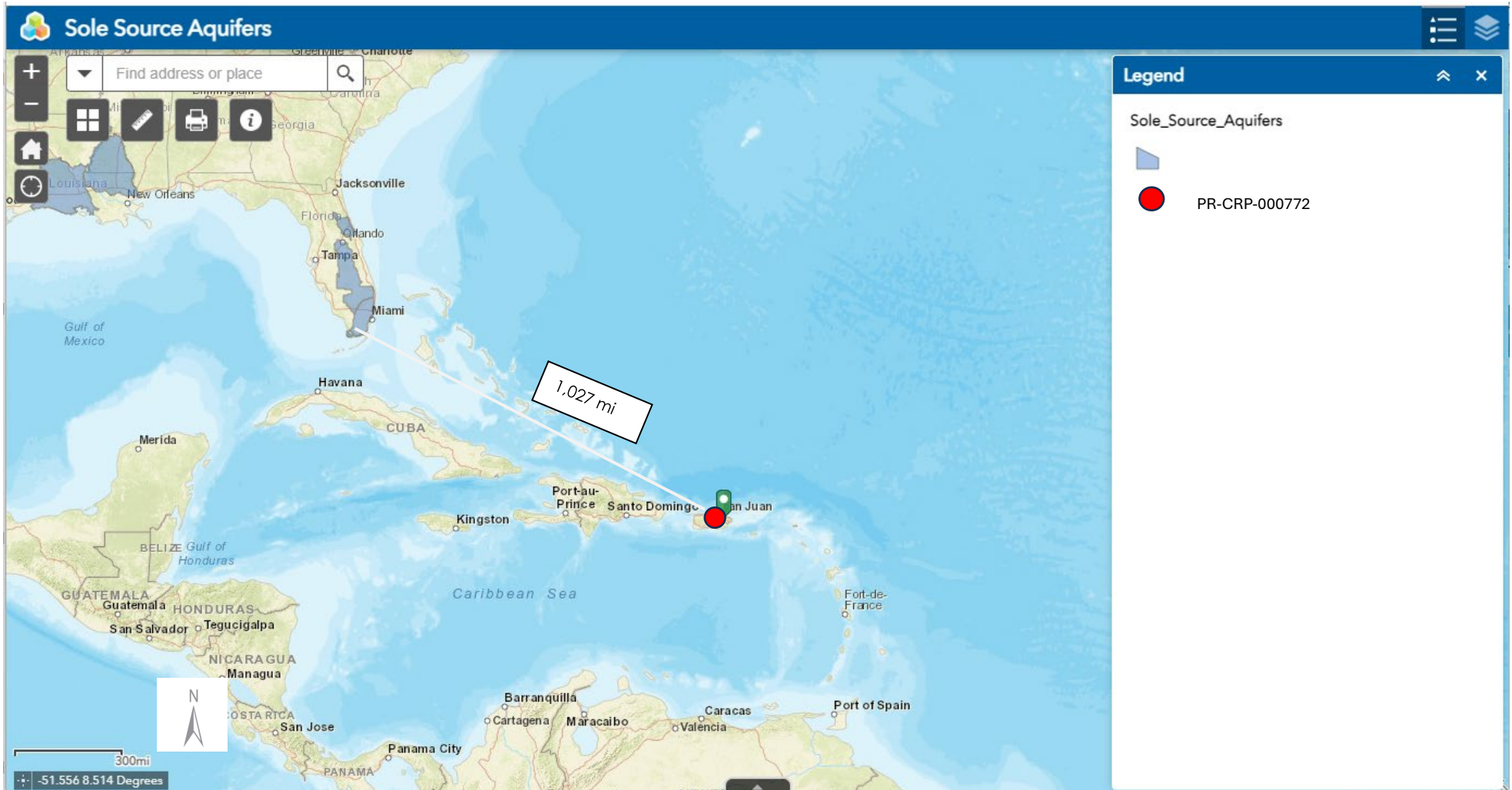
95% DESIGN DRAWINGS

Exhibit 10. Sole Source Aquifers Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



Source: U.S. EPA Map of Sole Source Aquifer Locations (Spatial Reference: WGS84), accessed at URL <https://www.epa.gov/dwssa/map-sole-source-aquifer-locations>

Prepared by  ICF

Exhibit 11. Wetlands Map

PR-CRP-000772 – Revitalization of Plaza Buenos Aires

Coord: 18.469548, -66.718328

Address: Bordered by Mirta Silva, Antonio González, José (Cheo) González, and Juan R Figueroa Streets, Pueblo Ward, Arecibo, Puerto Rico



Source: USFWS National Wetlands Inventory (NWI) (Spatial Reference: WGS84) URL <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

Prepared by ICF

Revitalization of Plaza Buenos Aires
PR-CRP-000772
Bordered by Mirta Silva, Antonio González, José (Cheo)
González, & Juan R Figueroa Streets, Pueblo Ward, Arecibo, PR
18.469548, -66.718328

Exhibit 12: Wild and Scenic Rivers

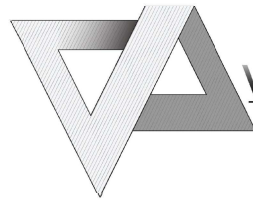


Source: <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>
Spatial Reference: WGS84
Company - AVA Environmental Consultants, Inc.

DRAWINGS PLAN 95%

PLAZA BUENOS AIRES

ANTONIO GONZALEZ STREET, ESQ. MIRTA SILVA STREET & JOSE GONZALEZ STREET
 ARECIBO, PUERTO RICO
 HON. CARLOS RAMIREZ IRIZARRY
 OWNER: MUNICIPALITY OF ARECIBO



Vazquez Associates

Engineers • Architects • Project Managers

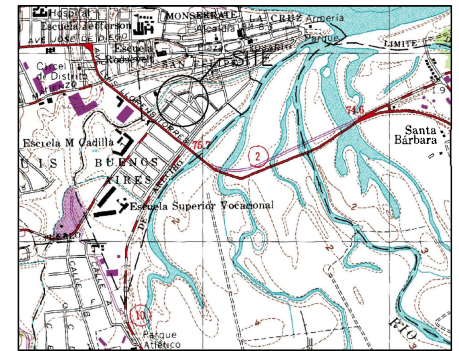
P.O. BOX 6689 CAGUAS, PUERTO RICO 00726

TEL: (787) 258-1758/FAX: (787) 258-1761

Email: vazquezassociates@live.com

INDEX OF DRAWINGS

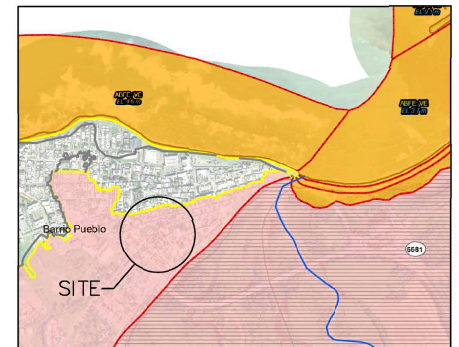
SHEET NO.	DRAWING NO.	TITLE
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2	G-02	LEGEND, SYMBOLS & GENERAL NOTES
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3	C-01	SURVEY AND TOPOGRAPHY
4	C-02	DEMOLITION PLAN
5	C-03	PROPOSED SITE PLAN
6	C-04	GEOMETRICAL DATA
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20	A-09	PLAYGROUND & OUTDOOR WORKOUT AREA BLOW-UPS
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21	S-01	STRUCTURAL NOTES
22	S-02	FOUNDATION SITE PLAN
23	S-03	STAGE AREA FOUNDATION PLAN, ROOF STRUCTURAL PLAN & DETAILS
24	S-04	FOUNDATION DETAILS
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25	E-01	ELECTRICAL SITE PLAN



LOCATION PLAN

SCALE 1:20,000

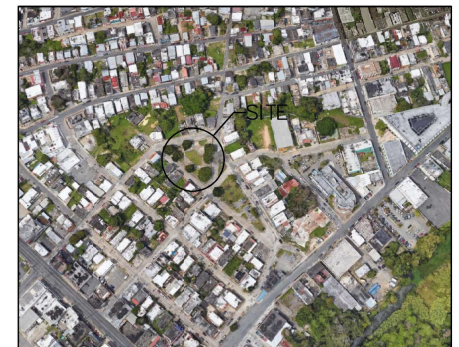
N
 X = 169897.1405
 Y = 270444.2976



FEMA FLOOD MAP

SCALE 1:10,000

N
 X = 169897.1405
 Y = 270444.2976



AERIAL VIEW

SCALE 1:20,000

N
 X = 169897.1405
 Y = 270444.2976

ABBREVIATIONS:

ABUT.	ABUTMENT	L.P.	LIGHT POLE
AGG.	AGGREGATE	M.B.	MAIL BOX
AH.	AHEAD	M.L.	MAIN LINE
AL.	ALUMINUM	M.H.	MANHOLE
ASB.	ASBESTOS	MAX.	MAXIMUM
ASPH.	ASPHALT	M.H.W.	MEAN HIGH WATER
BK.	BACK	M.S.L.	MEAN SEA LEVEL
B.F.G.	BELOW FINISH GRADE	MIN.	MINIMUM
B.L.	BASE LINE	MON.	MONUMENT
B.W.F.	BARBED WIRE FENCE	O.C.	ON CENTERS
B.V.	BEARING WALL	O.D.	OUTSIDE DIAMETER
B & S	BELL AND SPIGOT	O. TO O.	OUTSIDE TO OUTSIDE
B.M.	BENCH MARK	P.V.M.T.	PAVEMENT
BIT. CONC.	BITUMINOUS CONCRETE	P.C.C.	POINT OF COMPOUND CURVATURE
B.C.C.M.P.	BITUMINOUS COATED CORRUGATED METAL PIPE	P.C.	POINT OF CURVATURE
BLDG.	BUILDING	P.I.	POINT OF INTERSECTION
C.I.	CAST IRON	P.R.C.	POINT OF REVERSE CURVE
C.I.P.	CAST IRON PIPE	P.T.	POINT OF TANGENCY
C.B.	CATCH BASIN	P.C.C.	PORTLAND CEMENT CONCRETE
C.L.	CENTER LINE	PWR.	POWER
C. TO C.	CENTER TO CENTER	P.P.	POWER POLE
CTD.	COA TED	P.L.	PROPERTY LINE
COL.	COLUMN	PROP.	PROPOSED
COM.	COMMUNICATIONS	P.G.	PROPOSED GRADE
CONC.	CONCRETE	P.V.I.	POINT OF VERTICAL INTERSECTION
C.O.A.	CONTROL OF ACCESS	R.	RADIUS OF CURVATURE
COORD.	COORDINATES	RR.	RAILROAD
C.M.	CORRUGATED METAL	R.C.P.	REINFORCED CONCRETE PIPE
C.M.P.	CORRUGATED METAL PIPE	RET.	RETAINING
C.U.P.	CUBIC METER	RT	RIGHT
CULV.	CULVERT	R.O.W.	RIGHT OF WAY
CS.	CURVE TO SPIRAL	RD.	ROAD
C.	CUT	R.D.WAY.	ROADWAY
DEG.	DEGREE	SANS.	SANITARY SEWER
DIA.	DIAMETER	S.S.M.H.	SANITARY SEWER MANHOLES
DM.	DIMENSION	SHDR.	SHOULDER
DWG.	DRAWING	SW.	SIDEWALK
D.WY.	DRIVEWAY	SC.	SPIRAL TO CURVE
ELEV.	ELEVATION	ST.	SPIRAL TO TANGENT
E. TO E.	END TO END	SQ.M.	SQUARE METER
ENGR.	ENGINEER	STA.	STATION
EST.	ESTIMATE	S.S.	STORM SEWER
EXC.	EXCAVATION	STR.	STRUCTURE
EXIST.	EXISTING	S.G.	SUBGRADE
E.G.	EXISTING GROUND	S.L.	SURVEY LINE
EXP.	EXPANSION	T	TANGENT DISTANCE OF CURVE
EXT.	EXTERNAL	TS.	TANGENT TO SPIRAL
E	EXTERNAL DISTANCE	TEL	TELEPHONE
E.H.W.	EXTREME HIGH WATER	T.P.	TELEPHONE POLE
F. TO F.	FACE TO FACE	T.E.	TOP ELEVATION
FA.	FEDERAL AD	T.G.	TOP OF GRATE
FAP.	FEDERAL AD PRIMARY	UG.	UNDERGROUND
F.A.S.	FEDERAL AD SECONDARY	V.C.	VERTICAL CURVE
F.	FILL	VERT.	VERTICAL
F.L.	FLOW LINE	W.M.	WATER MAIN
FWD.	FORWARD	W.MTR.	WATER METER
G.I.	GALVANIZED IRON	W.V.	WATER VALVE
G.	GAS	W.W.	WING WALL
G.V.	GAS VALVE	W.M.F.	WIRE MESH FENCE
GRV.	GRAVEL	W.I.	WROUGHT IRON
GRD.	GROUND		
H.W.	HIGH WATER		
HR.	HORIZONTAL		
HYD.	HYDRANT		
INV.	INVERT		
I.E.	INVERT ELEVATION		
J.B.	JUNCTION BOX		
LT.	LEFT		
L.	LENGTH OF CURVE		

SYMBOLS LEGEND:

	CONCRETE COLUMNS AND REFERENCE AXIS		DETAIL DESIGNATION DRAWING NUMBER WHERE SHOWN
	EXISTING WALLS TO REMAIN		SECTION DESIGNATION DRAWING NUMBER WHERE SHOWN
	NEW REINFORCED CONCRETE WALLS		ELEVATION DESIGNATION DRAWING NUMBER WHERE SHOWN
	NEW CONCRETE BLOCK MASONRY WALLS		BUILDING SECTION DESIGNATION DRAWING NUMBER WHERE SHOWN
	NEW GYPSUM BOARD WALLS		WALL SECTION DESIGNATION DRAWING NUMBER WHERE SHOWN
	DOOR DESIGNATION		INTERIOR ELEVATION DESIGNATION DRAWING NUMBER WHERE SHOWN
	WINDOW DESIGNATION		FINISH DESIGNATION ROOM NUMBER
	CHANGE OF FINISH		ROOM NUMBER
	CHANGE OF LEVEL		FINISH DESIGNATION
	BORROW LIGHT ELEVATION NUMBER		FIRE EXTINGUISHER
	BORROW LIGHT		FINISH FLOOR ELEVATION
	STOREFRONT NUMBER STOREFRONT		
	REVISION (CLOUD INDICATES EXTENT)		

MATERIALS LEGEND:

	CONC WALL OR COLUMN LARGE SCALE		ALUMINUM
	CONC WALL OR COLUMN SMALL SCALE		THIN METALS
	CONCRETE MASONRY UNIT (CMU)		WOOD FRAMING/CONTINUOUS
	EARTH		WOOD BLOCKING
	STEEL		WOOD FINISH
	SAND		GREEN AREA
	GRAVEL		

GENERAL NOTES:

- ALL CONSTRUCTION SHALL COMPLY WITH THE PUERTO RICO BUILDING CODE, (PRBC) 2018 EDITION AND THE PROVISIONS OF THE AMERICAN WITH DISABILITIES ACT (ADA).
- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND REGULATORY REQUIREMENTS.
- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDES THE DRAWINGS, ALL ADDENDUMS AND MODIFICATIONS ISSUED.
- METRIC SYSTEM HAS BEEN USED THROUGHOUT THE PROJECT UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL AND GIVEN IN METERS.
- ALL COORDINATES USED ARE LAMBERT SYSTEM.
- NORTH INDICATOR POINTS TO THE TRUE NORTH.
- ARROW ON CULVERTS, DITCHES AND STREAMS SHOW THE DIRECTION OF FLOW.
- ALL MATERIAL AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNING REGULATORY AGENCIES.
- THE QUANTITIES OF BORROW MATERIAL SHOWN ON PLANS, REPRESENTS THE VOLUME OF MATERIAL COMPACTED IN PLACE.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, INTERIOR AND SITE LEVELS, AND JOB CONDITIONS BEFORE SUBMITTING BIDS. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS THAT MAY INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK MUST BE PROMPTLY REPORTED TO THE ARCHITECT FOR CLARIFICATION. FAILURE TO IDENTIFY SUCH DISCREPANCIES PRIOR TO BIDDING WILL NOT BE GROUNDS FOR FUTURE CHANGE ORDERS.
- CONTRACTOR SHALL REMOVE FROM THE SITE ALL DEBRIS TRASH AND GARBAGE AT HIS COST AND DISPOSE OF IT IN A LEGALLY CERTIFIED LAND FIELD ON A WEEKLY BASIS.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLECTED TO THE OWNER'S PROPERTY WITHIN THE CONTRACT LIMITS OR OTHER ADJACENT AREAS DURING THE EXECUTION OF THE WORK.
- AFTER THE DEMOLITION SCHEDULE HAS BEEN APPROVED BY ALL PARTIES CONCERNED, NO MAJOR CHANGES SHALL BE ACCEPTED WITHOUT THE CONSENT OF THE OWNER, EXCEPT IN CASE OF EMERGENCY.
- ANY UNANTICIPATED UTILITIES ENCOUNTERED SHALL BE PROTECTED AND LEFT UNDISTURBED, OR RELOCATED AS REQUIRED.
- CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR DAMAGE CAUSED BY HIS OPERATIONS TO EXISTING ADJACENT FACILITIES, SHOULD THE CONTRACTOR CAUSE SUCH DAMAGE, HE SHALL BE RESPONSIBLE FOR REPAIRING AND REFINISHING, OR REPLACING IF REQUIRED, ALL DAMAGED WORK OR EQUIPMENT AT NO EXPENSE TO THE CORRESPONDING OWNER.
- THE CONSTRUCTION SITE SHALL BE MAINTAINED REASONABLY NEAT AND FREE FROM EXCESSIVE ACCUMULATION OF TRASH AND DEBRIS. PROMPTLY REMOVE ALL TRASH, DEBRIS, RUBBISH, ETC. FROM SITE AND DISPOSE OF IN A LEGAL MANNER.
- GENERAL CONTRACTOR SHALL VISIT THE SITE AND SHALL CONFIRM THE EXISTENCE AND LOCATION OF ALL UTILITY INSTALLATIONS PRIOR TO THE COMMENCEMENT OF WORKS AND SHALL MAKE ALL NECESSARY ARRANGEMENTS TO PROTECT AND RELOCATE SAID FACILITIES AS REQUIRED. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELATED COSTS AND CLAIMS ARISING FROM ANY DAMAGED FACILITIES DURING THE CONTRACTED WORKS.
- FOLLOW THE MANUFACTURERS, STRICTEST RECOMMENDATIONS FOR HANDLING, INSTALLATION, WRITTEN AND/OR APPLICATION OF ALL MATERIALS AND/OR PRODUCTS CONSISTENT WITH THE SKILL AND CARE NECESSARY FOR THE ORDERLY PROGRESS OF WORK.
- DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN. LARGE SCALE DRAWINGS GOVERN SMALL SCALE DRAWINGS. ALL SHOP DRAWINGS INCLUDING EQUIPMENT AND MATERIALS, SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING OR FABRICATION.
- ALL FLOOR ELEVATIONS ARE GIVEN TO TOP OF CONC. SLAB (T.O.C.). TOP OF WALL (T.O.W) OR TOP OF FINISH (F.E.), AS INDICATED.
- SUBMIT MANUFACTURERS LITERATURE AND SAMPLES OF FINISHES FOR APPROVAL BY THE ARCHITECT PRIOR TO ORDERING OR FABRICATION. ALL FINISHES TO BE APPROVED BY THE ARCHITECT.
- PERFORM ALL WORK IN A WORKMANLIKE MANNER.
- ALL DIMENSIONS ARE FINISH DIMENSIONS.

DESIGNED BY:	CHK'D BY:
DRAWN BY:	DATE:
CHECKED BY:	
DATE:	

Vazquez Associates
 ENGINEERS, ARCHITECTS, PLANNERS
 1000 WEST AVENUE, SUITE 200
 SAN JUAN, PUERTO RICO 00906
 TEL: (787) 750-0000 FAX: (787) 750-0001
 WWW.VAZQUEZASSOCIATES.COM

PLANO DE TOPOGRAFÍA Y CONDICIONES EXISTENTES

PROPIEDAD DE:
MUNICIPIO DE ARECIBO

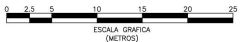
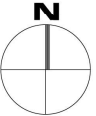
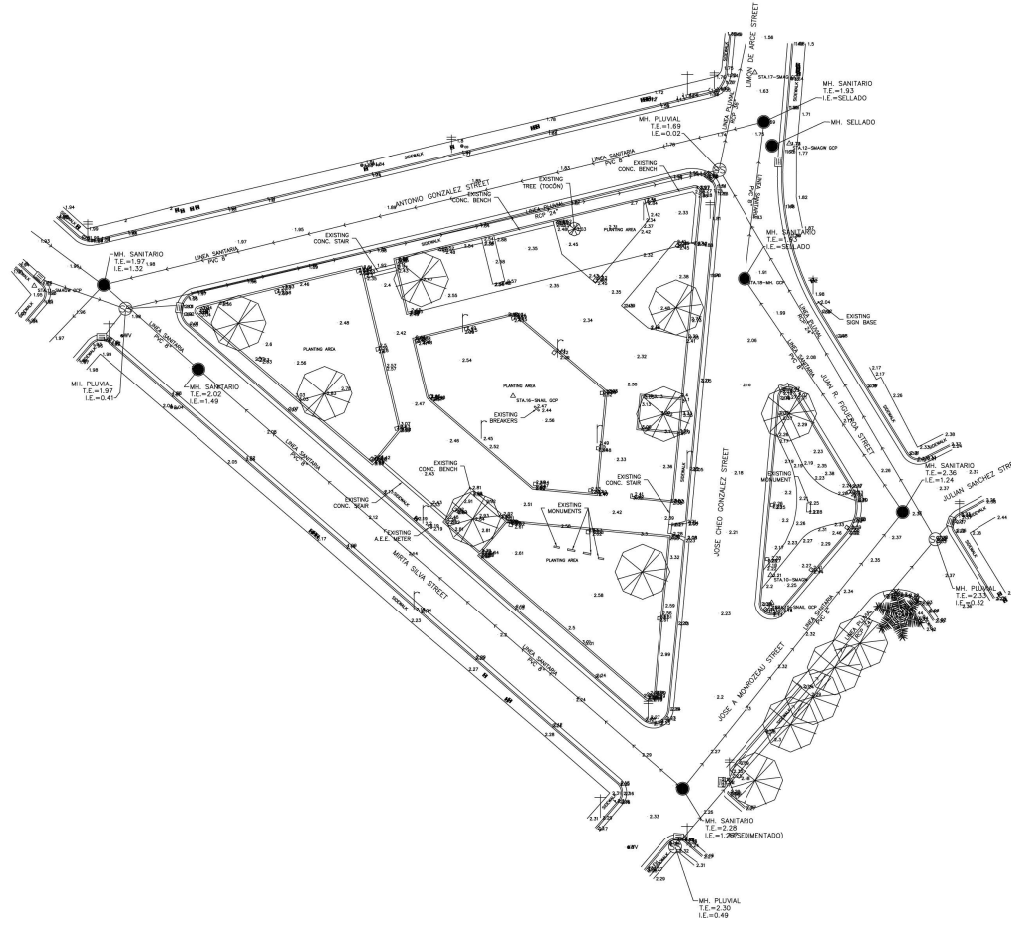
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BARRIADA BUENOS AIRES, ARECIBO PUERTO RICO

NÚMERO DE CATASTRO:

PARCELA 012-096-188-01

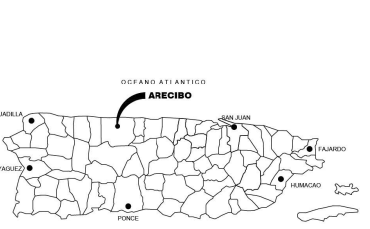
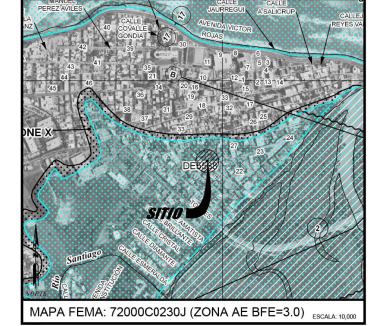
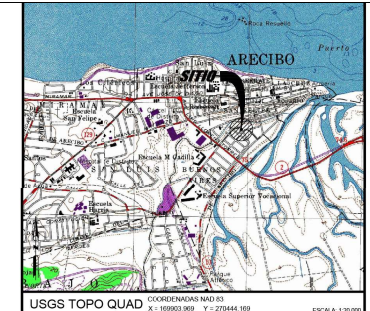
NOTAS:

- ESTE ESTUDIO TOPOGRÁFICO Y DE CONDICIONES EXISTENTES NO ES VÁLIDO SIN LA FIRMA Y EL SELLO DEL COLLEJO DE INGENIEROS AGRIMENSORES DE PUERTO RICO (CAPIR) EN ORIGINAL.
- ESTE TRABAJO FUE REALIZADO POR SOLICITUD DEL MUNICIPIO DE ARECIBO.
- EL TRABAJO DE CAMPO SE REALIZÓ ENTRE EL 11 DE MAYO DE 2023 POR JORGE CANCEL APONTE, P.E.
- LOS DATOS DE LAS CONDICIONES EXISTENTES REPRESENTAN EL ESTADO DE LOS INSTRUMENTOS AL REALIZAR EL ESTUDIO DE CAMPO.
- EL NÚMERO DE CATASTRO FUE OBTENIDO DEL PORTAL DEL CATASTRO DIGITAL DEL CENTRO DE REGISTRO DE BIENES MUNICIPALES (CRBM).
- EL CONTROL HORIZONTAL ESTÁ REFERIDO AL SISTEMA DE COORDENADAS PLANA ESTATALES NAD 83 PARA PUERTO RICO E LAS VÍGENAS PROYECCIÓN CONICA CONFORME DE LAMBERT. EL CONTROL VERTICAL ESTÁ REFERIDO AL DATUM VERTICAL PRUENO (ESDIRE 2010) Y FUE ESTABLECIDO REALIZANDO OBSERVACIONES EN TIEMPO REAL DE GPS UTILIZANDO UNA RED DE "VRS".
- ESTE PLANO REFLEJA O EXCEDE UNA PRECISIÓN HORIZONTAL DE 110.000 METROS.
- TODAS LAS DISTANCIAS Y ELEVACIONES ESTÁN EXPRESADAS EN METROS, A NO SER QUE SE NOTIFIQUE LO CONTRARIO.
- LA INFORMACIÓN DESCRITA E ILUSTRADA EN ESTE PLANO REPRESENTA EL RESULTADO DEL TRABAJO DE MENSURA REALIZADO EN LA FECHA INDICADA (VER NOTA #3) Y ÚNICAMENTE PODRÁ SER CONSIDERADO COMO UN INDICADOR DE LAS CONDICIONES EXISTENTES EN ESE TIEMPO.



ESTACIONES DE CONTROL			
ESTACION	(Y) NORTE	(X) ESTE	DESCRIPCIÓN
10	270426.0392	169926.0424	± 220 STA. 10-SMAGV
15	270426.0014	169926.1624	± 300 STA. 15-SNAIL GCP
16	270444.7254	169927.9767	± 620 STA. 16-SNAIL GCP
11	270436.9111	169844.7545	1.960 STA. 11-SMAGV GCP
17	270480.4296	169924.3156	1.640 STA. 17-SMAGV GCP
12	270432.6401	169928.0986	1.730 STA. 12-SMAGV GCP
18	270457.7617	169923.1544	± 030 STA. 18-MH GCP

- LEYENDA:**
- ✕ BENCH MARK
 - Δ STA. PUNTO DE CONTROL HORIZONTAL Y VERTICAL
 - VEREA DE EXISTENTE ALAMBRE ESLABONADO
 - VEREA EXISTENTE ORNAMENTAL
 - VEREA EXISTENTE DE HORMIGÓN
 - LÍMITE DE PROPIEDAD
 - VEREA EXISTENTE DE ALAMBRE DE PLUMAS
 - ▨ ESTRUCTURA EXISTENTE
 - TUBO EXISTENTE DE DESAGÜE PLUVAL
 - TUBO EXISTENTE SANITARIO
 - LÍNEA ELÉCTRICA EXISTENTE
 - VÍVA EXISTENTE
 - ASTA DE BANDERA EXISTENTE
 - MH. PLUVAL EXISTENTE
 - MH. SANITARIO EXISTENTE
 - POZETO EXISTENTE
 - POSTE DE ILUMINACIÓN EXISTENTE
 - POSTE TELEFÓNICO EXISTENTE
 - POSTE EXISTENTE DE ENERGÍA
 - POSTE EXISTENTE DE ENERGÍA E ILUMINACIÓN
 - TRANSFORMADOR ELÉCTRICO EXISTENTE
 - CONTADOR ELÉCTRICO EXISTENTE
 - MH. ELÉCTRICO EXISTENTE
 - HIDRANTE CONTRA INCENDIOS EXISTENTE
 - ESTRUCTURA DE DRENAJE PLUVAL
 - CONTORNO TOPOGRÁFICO
 - VÁLVULA DE AGUA EXISTENTE
 - CONTADOR DE AGUA EXISTENTE
 - MH. TELÉFONO
 - REGISTRO EXISTENTE
 - BOTILLO EXISTENTE
 - TENSOR EXISTENTE
 - BUZÓN EXISTENTE
 - PORTÓN EXISTENTE
 - FITE
 - ELEVACIÓN DE PISO EXISTENTE
 - ARBOLITOS EXISTENTES
 - PALMA EXISTENTE
 - ANILLOS MARCADOR DE KILOMETRO



MAPA DE LOCALIZACION
NO A ESCALA

PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

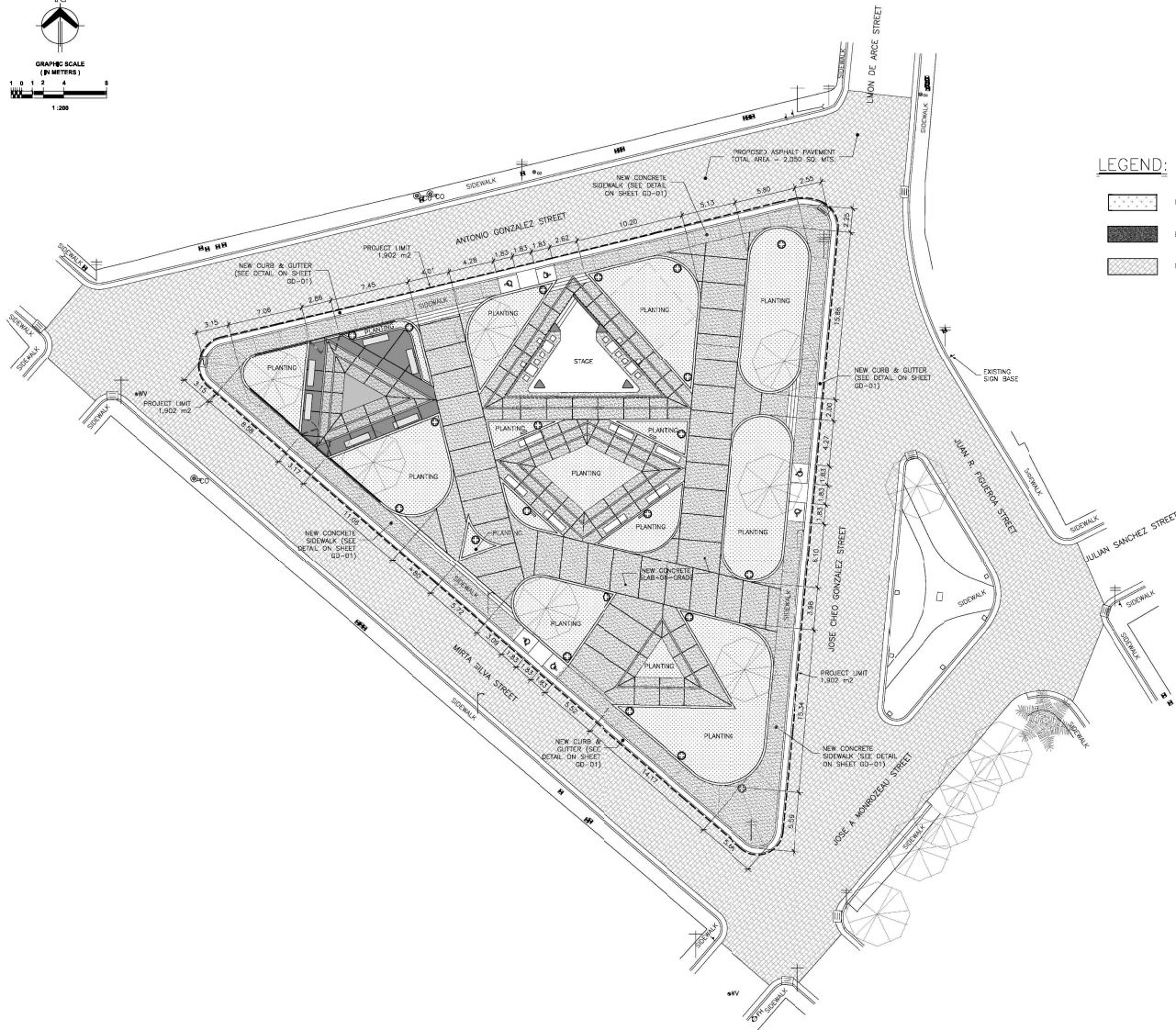
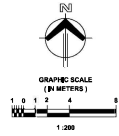
REV.	DESCRIPCIÓN	FECHA

Vazquez Associates
INGENIEROS AGRIMENSORES
PROFESIONALES LICENCIADOS
10000 UNIVERSITY BLVD SUITE 100
SAN JUAN, PUERTO RICO 00925
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WWW.VAZQUEZASSOCIATES.COM

SURVEY AND TOPOGRAPHY
DATE: JANUARY 2025
SCALE: 1:200

APPROBADO POR:
JORGE CANCEL APONTE
INGENIERO AGRIMENSOR
LICENCIADO
C.O. #2514
PUERTO RICO
LICENCIA # 23416

DRAWING NO:
C-01
SHEET NO:
03 OF **29**



LEGEND:

- PLANTING OR GREEN AREA
- BROOM-FINISHED CONCRETE
- PROPOSED ASPHALT PAVEMENT 0.05M

PROPOSED SITE PLAN
SCALE: 1:200

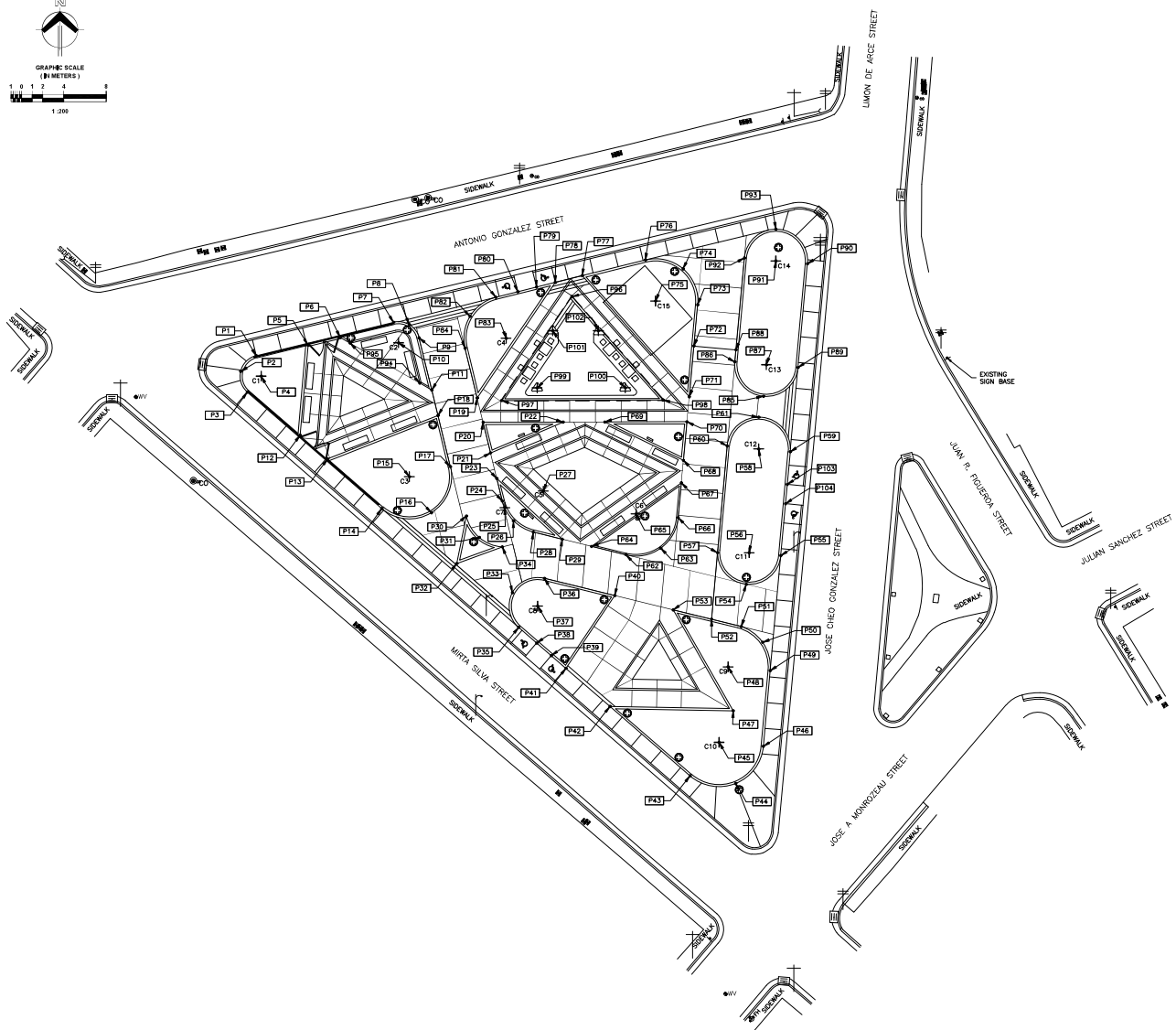
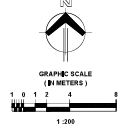
PLAZA BUENOS AIRES
CITY: ARECIBO PUERTO RICO

DESIGNED BY:	DATE:
DRAWN BY:	DATE:
REVISIONS:	
NO.	DESCRIPTION

Vazquez Associates
 ENGINEERING ARCHITECTURE INTERIORS
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 SAN JUAN, PUERTO RICO 00906
 TEL: 787-733-8888 FAX: 787-733-8889
 WWW.VAZQUEZASSOCIATES.COM

PROPOSED SITE PLAN
SCALE: 1:200
DATE: JANUARY 2025

DRAWING NO: C-03
SHEET NO: 05 OF 29



GEOMETRICAL DATA			
POINT	(X) NORTH	(Y) EAST	DESCRIPTION
P1	270455.3467	169895.8065	PLANTING VERTEX
P2	270455.8732	169894.3848	PLANTING VERTEX
P3	270455.8918	169895.0191	PLANTING VERTEX
P4	270453.4033	169896.3289	CENTER POINT "C1"
P5	270456.5338	169870.7645	PLANTING CORNER
P6	270457.0753	169871.8157	PLANTING CORNER
P7	270458.5072	169878.8603	PLANTING VERTEX
P8	270458.2733	169890.3711	PLANTING VERTEX
P9	270457.0373	169881.2758	PLANTING VERTEX
P10	270458.9837	169879.3321	CENTER POINT "C2"
P11	270447.0930	169882.4806	PLANTING CORNER
P12	270447.8235	169870.0185	PLANTING CORNER
P13	270445.5699	169877.6207	PLANTING CORNER
P14	270440.8856	169877.7436	PLANTING VERTEX
P15	270443.8886	169890.3611	CENTER POINT "C3"
P16	270445.4741	169882.4447	PLANTING VERTEX
P17	270444.8307	169884.2493	PLANTING VERTEX
P18	270446.8883	169885.0967	PLANTING CORNER
P19	270451.3468	169886.7796	PLANTING CORNER
P20	270440.0355	169893.2428	PLANTING CORNER
P21	270446.1387	169898.0489	PLANTING CORNER
P22	270448.0582	169894.3114	PLANTING CORNER
P23	270443.7109	169898.0386	PLANTING CORNER
P24	270441.5833	169899.1591	PLANTING VERTEX
P25	270440.9025	169899.4044	CENTER POINT "C4"
P26	270439.7034	169900.2150	PLANTING VERTEX
P27	270442.5304	169893.0441	CENTER POINT "C5"
P28	270438.6451	169892.0943	PLANTING VERTEX
P29	270437.9739	169894.8364	PLANTING CORNER
P30	270441.1610	169896.7680	PLANTING CORNER
P31	270436.1380	169896.9780	PLANTING VERTEX
P32	270435.6988	169894.8518	PLANTING CORNER
P33	270432.8088	169890.1252	PLANTING VERTEX
P34	270432.2468	169888.1603	PLANTING CORNER
P35	270429.8337	169890.7032	PLANTING VERTEX
P36	270434.2685	169893.1506	PLANTING VERTEX
P37	270431.6438	169893.5453	CENTER POINT "C6"
P38	270428.1496	169892.4182	RAMP CORNER
P39	270428.6811	169893.0441	RAMP CORNER
P40	270432.6366	169899.8171	PLANTING CORNER
P41	270425.7528	169895.1842	PLANTING CORNER
P42	270422.1303	169899.3543	PLANTING CORNER
P43	270415.5683	169906.9373	PLANTING VERTEX
P44	270414.8463	169911.2468	PLANTING CORNER
P45	270418.7424	169905.6878	CENTER POINT "C10"
P46	270416.3933	169913.8703	PLANTING VERTEX
P47	270421.7282	169911.2132	PLANTING CORNER
P48	270425.8927	169910.5435	CENTER POINT "C9"
P49	270425.5278	169914.5288	PLANTING CORNER
P50	270428.2159	169913.7997	PLANTING VERTEX
P51	270428.8919	169911.7733	PLANTING VERTEX
P52	270430.3924	169908.0848	RAMP CORNER
P53	270431.2865	169905.3320	PLANTING CORNER
P54	270432.7079	169912.8629	PLANTING VERTEX
P55	270436.4217	169915.5246	PLANTING VERTEX
P56	270436.6954	169913.8311	CENTER POINT "C11"
P57	270438.6954	169909.5371	PLANTING VERTEX
P58	270446.5241	169912.4373	CENTER POINT "C12"
P59	270446.2504	169916.4248	PLANTING VERTEX
P60	270446.7977	169910.4498	PLANTING VERTEX
P61	270445.5241	169911.4337	PLANTING VERTEX
P62	270436.4921	169900.8775	PLANTING VERTEX
P63	270437.1241	169904.1577	PLANTING VERTEX
P64	270437.2983	169897.4044	PLANTING CORNER
P65	270440.3804	169901.8286	CENTER POINT "C8"
P66	270440.0150	169909.8119	PLANTING VERTEX
P67	270443.3024	169906.1130	PLANTING CORNER
P68	270443.4309	169906.3078	PLANTING CORNER
P69	270449.0655	169909.3690	PLANTING CORNER
P70	270449.0808	169906.6427	PLANTING CORNER
P71	270451.4518	169906.8096	PLANTING CORNER
P72	270456.2569	169907.2995	RAMP CORNER
P73	270460.1565	169907.4061	PLANTING VERTEX
P74	270463.5572	169906.2779	PLANTING VERTEX
P75	270465.6214	169905.8743	CENTER POINT "C13"
P76	270464.4029	169902.7072	PLANTING VERTEX
P77	270462.9137	169896.7243	PLANTING CORNER
P78	270462.2800	169894.1753	PLANTING CORNER
P79	270461.8380	169892.4022	RAMP CORNER
P80	270461.3959	169890.6844	RAMP CORNER
P81	270460.8778	169888.5448	PLANTING VERTEX
P82	270459.0682	169886.2865	PLANTING VERTEX
P83	270458.9983	169886.5183	CENTER POINT "C4"
P84	270456.0511	169885.6330	PLANTING VERTEX
P85	270451.5032	169911.8934	PLANTING VERTEX
P86	270454.7643	169911.1795	PLANTING VERTEX
P87	270454.4987	169914.1670	CENTER POINT "C13"
P88	270455.8921	169911.0878	RAMP CORNER
P89	270454.2169	169917.1545	PLANTING VERTEX
P90	270464.0200	169918.0247	PLANTING VERTEX
P91	270464.3194	169915.0672	CENTER POINT "C14"
P92	270464.5930	169912.0787	PLANTING VERTEX
P93	270467.5194	169915.0672	PLANTING VERTEX
P94	270452.7469	169891.3434	PLANTING CORNER
P95	270456.5328	169874.7692	PLANTING CORNER
P96	270460.8274	169895.7486	STAGE CORNER
P97	270451.1045	169895.1083	PLANTING STRIP CORNER
P98	270451.1433	169904.3778	PLANTING STRIP CORNER
P99	270453.3964	169892.4540	COLUMN CENTER
P100	270452.3047	169900.8020	COLUMN CENTER
P101	270457.7071	169893.9435	COLUMN CENTER
P102	270457.7071	169898.2612	COLUMN CENTER
P103	270457.7071	169898.2612	RAMP CORNER
P104	270441.5361	169915.8747	RAMP CORNER

GEOMETRICAL PLAN
SCALE: 1:200

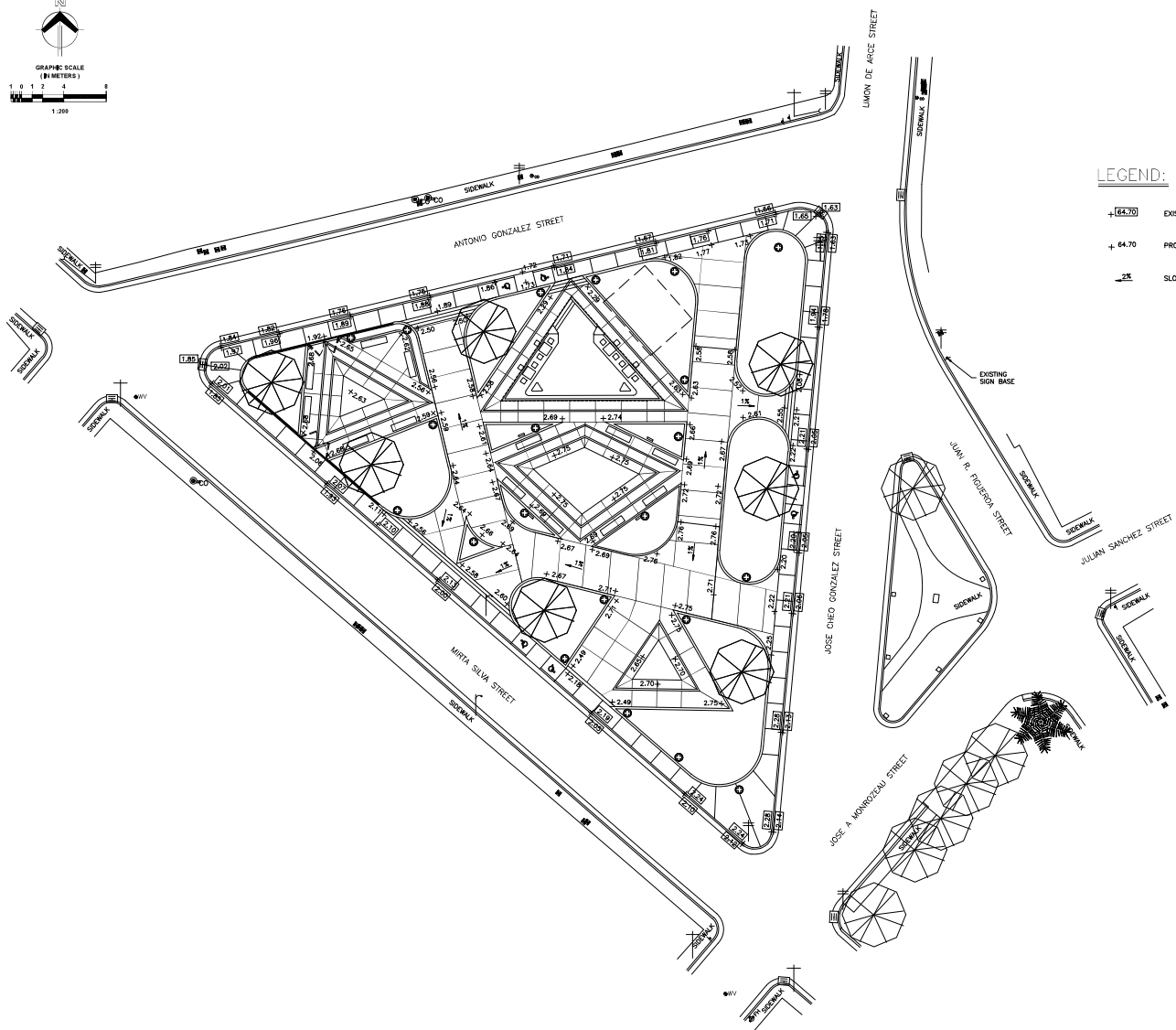
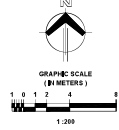
PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY:	LUIS M. DIAZ
CHECKED BY:	DAVID G. GARCIA
DATE:	

Vazquez Associates
ENGINEERS, ARCHITECTS, PLANNERS
1000 EAST STREET, SUITE 1000
SAN JUAN, PUERTO RICO 00906
TEL: (787) 733-8888
WWW.VAZQUEZASSOCIATES.COM

GEOMETRICAL DATA PLAN
DATE: JANUARY 2025
SCALE: 1:200

DRAWING NO:
C-04
SHEET NO:
06 OF **29**



LEGEND:

- ± 64.70 EXISTING ELEVATION TO REMAIN
- $+ 64.70$ PROPOSED ELEVATION
- $\frac{1}{2}\%$ SLOPE

GRADING PLAN
SCALE: 1:200

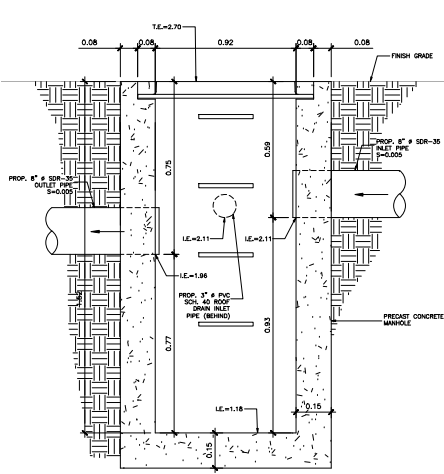
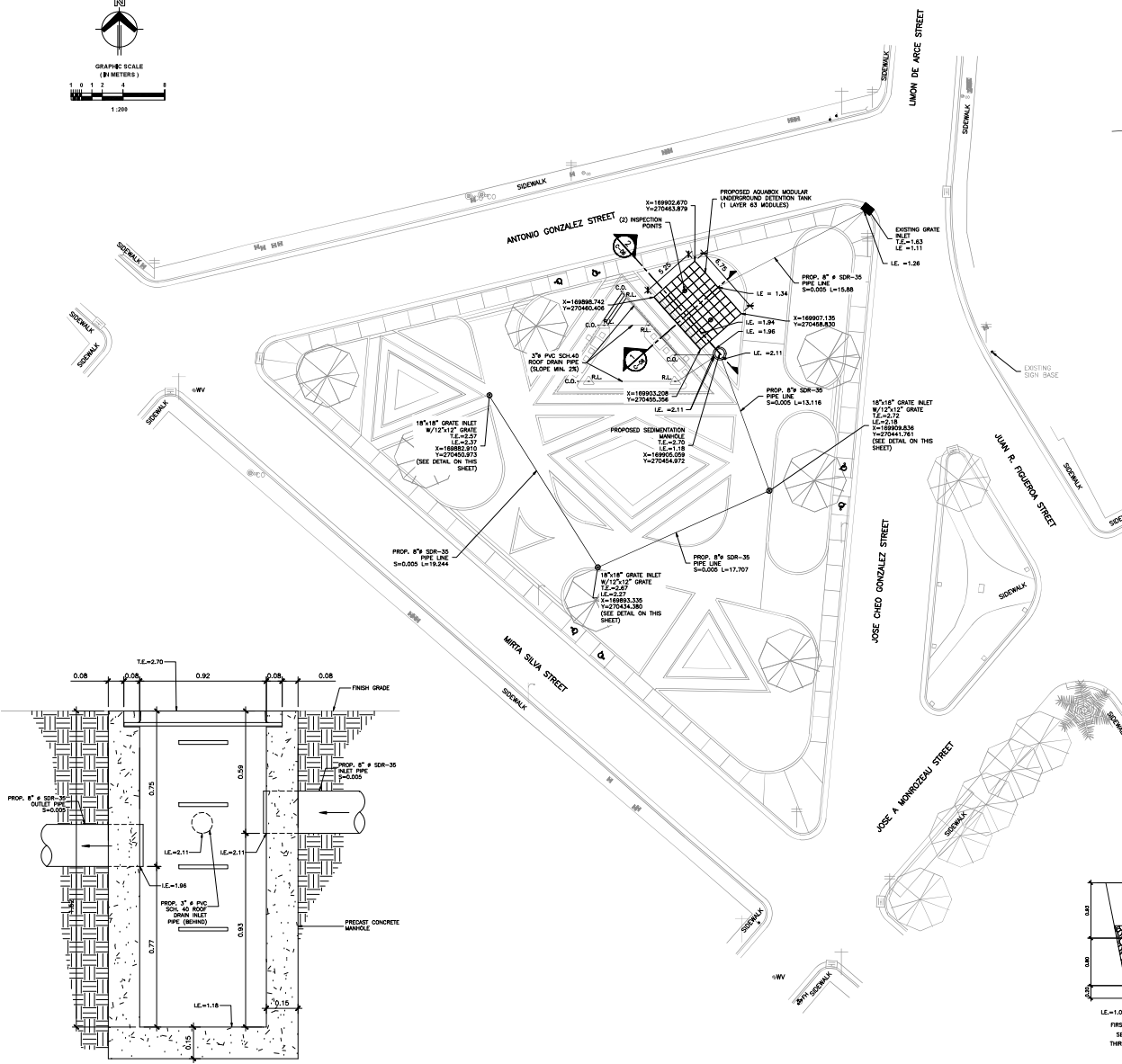
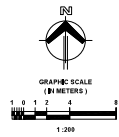
PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY:	DATE:
DRAWN BY:	DATE:
CHECKED BY:	DATE:
PROJECT NO.:	

Vazquez Associates
 ENGINEERS, ARCHITECTS, PLANNERS
 1000 WEST BROADWAY, SUITE 2200
 NEW YORK, NY 10014
 TEL: 212-691-1000
 FAX: 212-691-1001
 WWW.VAZQUEZASSOCIATES.COM

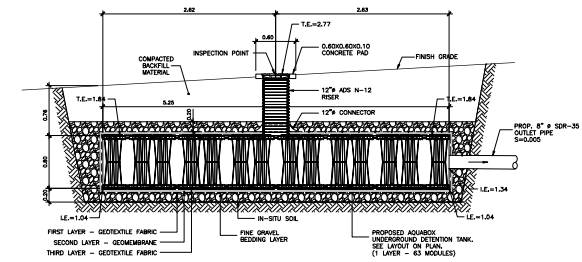
GRADING PLAN
 SCALE: 1:200
 DATE: JANUARY 2025

DRAWING NO:
C-05
 SHEET NO:
07 OF 29

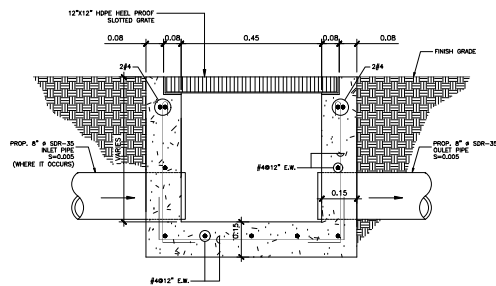


SEDIMENTATION MANHOLE DETAIL
SCALE: 1:10

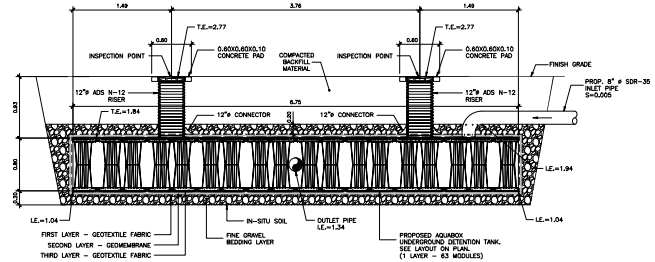
STORM SEWER SYSTEM PLAN
SCALE: 1:200



AQUABOX DETENTION TANK SECTION
SCALE: 1:200



GRATE INLET TYPICAL DETAIL
SCALE: 1:200



AQUABOX DETENTION TANK SECTION
SCALE: 1:200

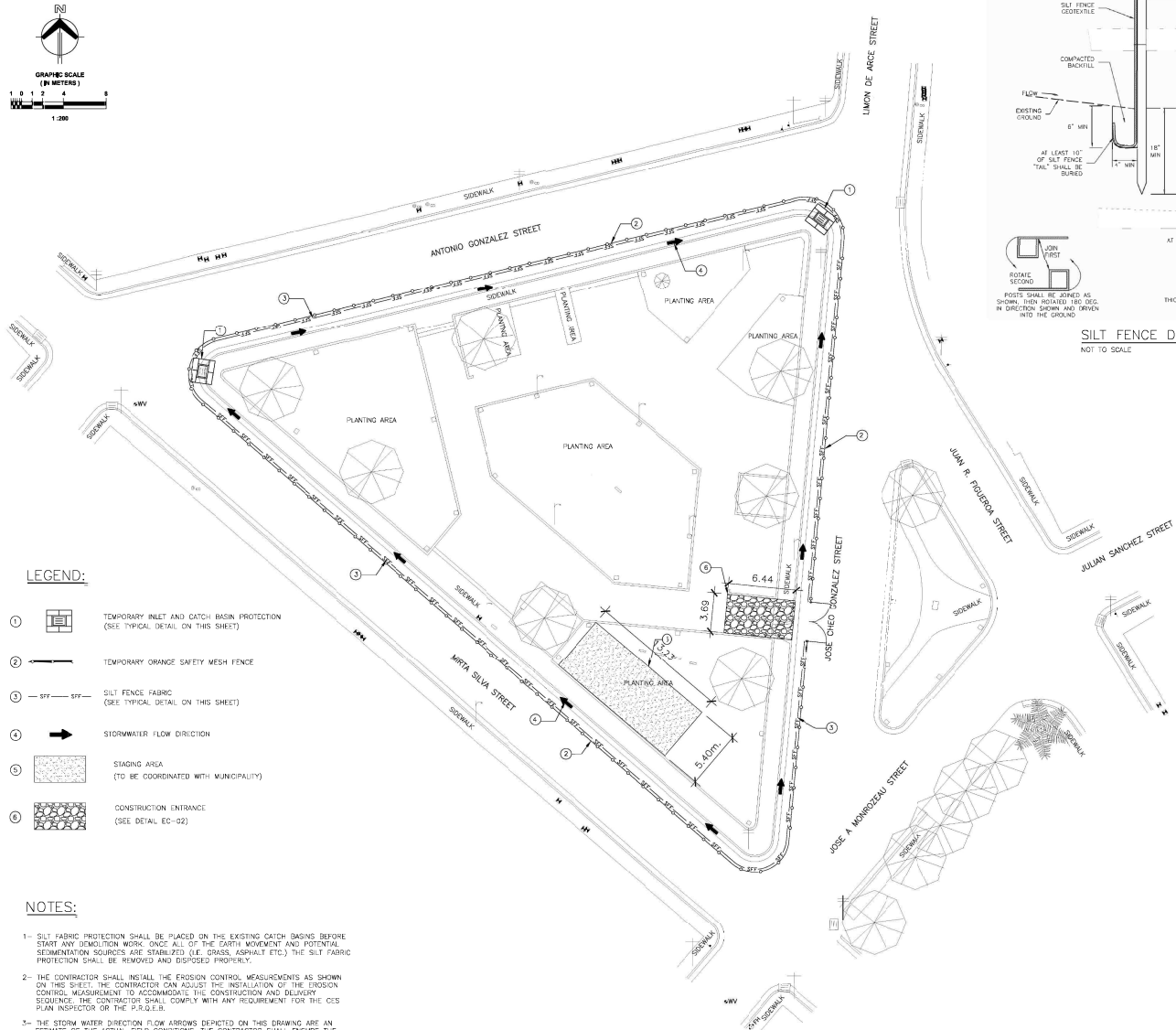
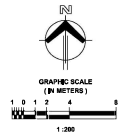
PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY: JAVIER	SCALE: AS SHOWN
DRAWN BY: JAVIER	DATE: JANUARY, 2025
CHECKED BY: JAVIER	
DATE: JANUARY, 2025	

Vazquez Associates
Civil Engineering, Surveying, Planning, and Construction Management
150 EDD ROAD, SUITE 100, SAN JUAN, PUERTO RICO 00909
TEL: (787) 435-1234 FAX: (787) 435-1235

STORM SEWER SYSTEM PLAN AND DETAILS
DATE: JANUARY, 2025
SCALE: AS SHOWN

DRAWING NO: C-06
SHEET NO: 08 OF 29



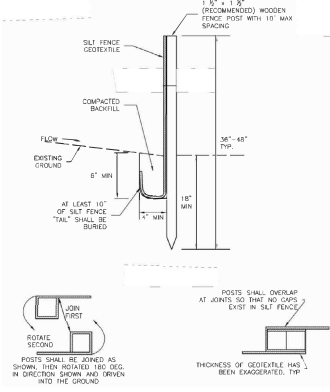
LEGEND:

- ① [Symbol] TEMPORARY INLET AND CATCH BASIN PROTECTION (SEE TYPICAL DETAIL ON THIS SHEET)
- ② [Symbol] TEMPORARY ORANGE SAFETY MESH FENCE
- ③ [Symbol] SILT FENCE FABRIC (SEE TYPICAL DETAIL ON THIS SHEET)
- ④ [Symbol] STORMWATER FLOW DIRECTION
- ⑤ [Symbol] STAGING AREA (TO BE COORDINATED WITH MUNICIPALITY)
- ⑥ [Symbol] CONSTRUCTION ENTRANCE (SEE DETAIL EC-02)

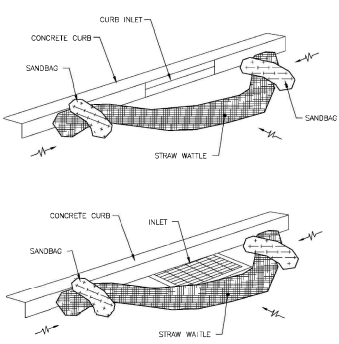
NOTES:

- 1- SILT FABRIC PROTECTION SHALL BE PLACED ON THE EXISTING CATCH BASINS BEFORE START ANY DEMOLITION WORK. ONCE ALL OF THE EARTH MOVEMENT AND POTENTIAL SEDIMENTATION SOURCES ARE STABILIZED (I.E. GRASS, ASPHALT ETC.) THE SILT FABRIC PROTECTION SHALL BE REMOVED AND DISPOSED PROPERLY.
- 2- THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL MEASUREMENTS AS SHOWN ON THIS SHEET. THE CONTRACTOR CAN ADJUST THE INSTALLATION OF THE EROSION CONTROL MEASUREMENT TO ACCOMMODATE THE CONSTRUCTION AND DELIGHT SEQUENCE. THE CONTRACTOR SHALL COMPLY WITH ANY REQUIREMENT FOR THE CES PLAN INSPECTOR OR THE P.R.I.C.E.B.
- 3- THE STORM WATER DIRECTION FLOW ARROWS DEPICTED ON THIS DRAWING ARE AN ESTIMATE OF THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL STORM WATER MANAGEMENT STRUCTURES ALONG THE PROJECT.
- 4- EROSION AND SEDIMENT MEASURES WILL BE INSPECTED A MINIMUM ONCE A WEEK AND WITHIN 24 HOURS OF SIGNIFICANT STORMS (0.5 INCHES/24-HOUR, OR WHERE RUNOFF IS GENERATED)

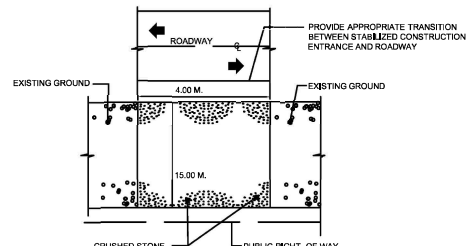
CES PLAN
SCALE: 1:200



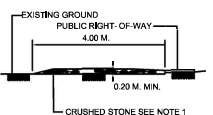
SILT FENCE DETAIL
NOT TO SCALE



INLET PROTECTION (EXIST. INLET)
N.T.S.



PLAN



PROFILE

STABILIZED CONSTRUCTION ENTRANCE & EXIT FOR TRUCK WASHING FACILITY - CONSTRUCTION SPECIFICATION:

1. STONE SIZE - USE MSHA SIZE NO. 2 (2-1/2" TO 1") JORASHTO DESIGNATION M45, SIZE NO. 2 (2-1/2" TO 1-1/2") USE CRUSHED STONE.
2. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
3. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE INTO PUBLIC RIGHT - OF - WAY.
4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN CONDITION, WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT - OF - WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED INTO PUBLIC RIGHT - OF - WAY MUST BE REMOVED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE/EXIT AND TRUCK WASHING FACILITY DETAIL
N.T.S.

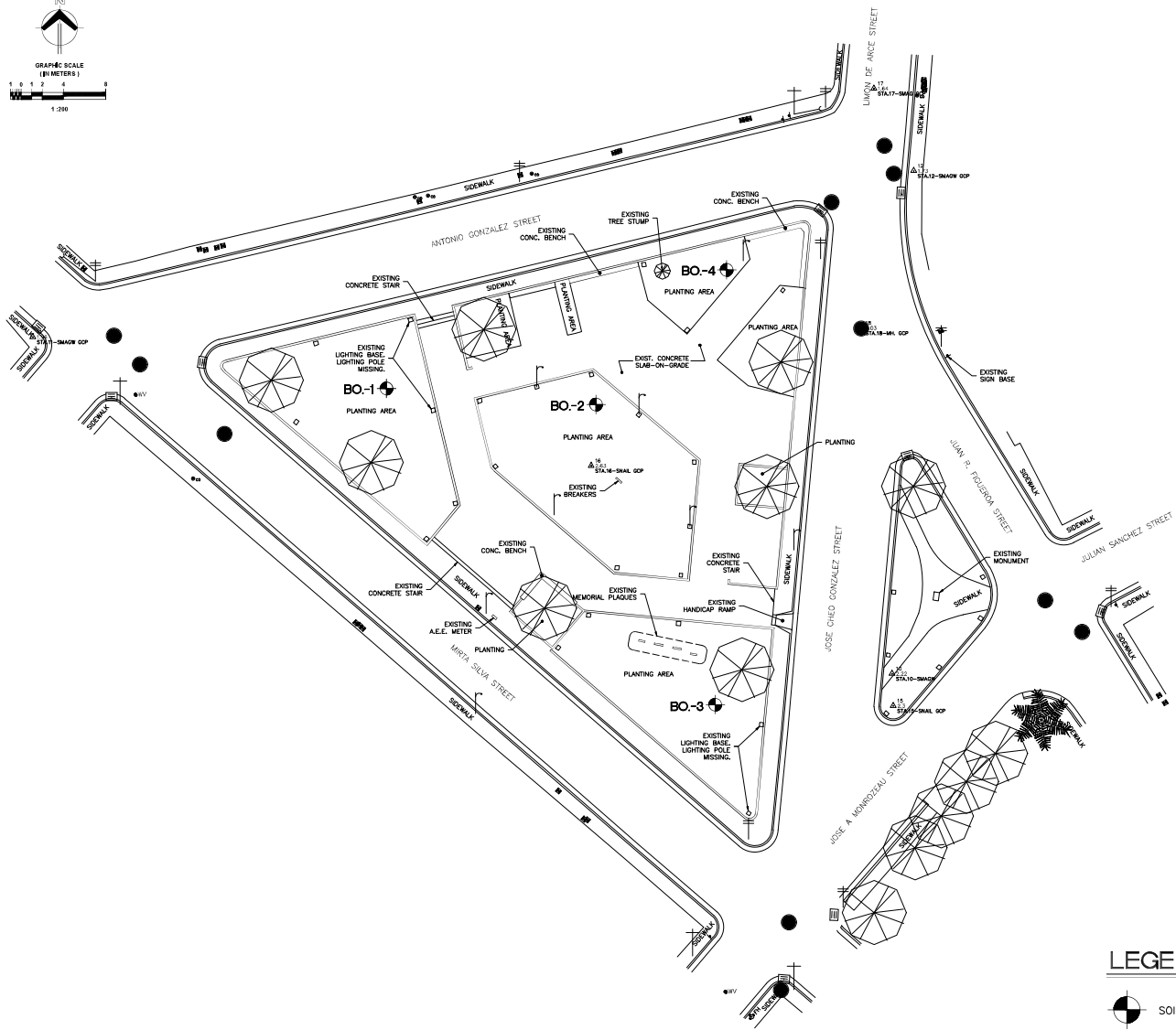
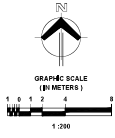
PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY:	000 - 000 - 000
CHECKED BY:	000 - 000 - 000
DATE:	0000 - 00 - 00
REVISION	
DATE	

Vazquez Associates
ENGINEERING ARCHITECTURE INTERIOR DESIGN
1000 W. ALBERTA AVE. SUITE 200
SAN JUAN, P.R. 00906-3000
TEL: 787-750-0000 FAX: 787-750-0001

CES PLAN & DETAILS
DATE: JANUARY 2025
SCALE: 1:200

DRAWING NO:
EC-01
SHEET NO:
09 OF **29**



LEGEND:

- SOIL BORING
- B-#** BORING NUMBER

NOTE:

1. BORING LOCATION ARE APPROXIMATE.
2. FOR BORING LOGS SEE SHEET SS-02.

DESIGNED BY: JAVIER	DATE: 01/2025
DRAWN BY: CAROL	
CHECKED BY:	
DATE:	

Vazquez Associates
 ENGINEERS, ARCHITECTS, PLANNERS
 1000 WEST BROADWAY, SUITE 2000
 NEW YORK, NY 10014
 TEL: 212-693-9000
 WWW.VAZQUEZASSOCIATES.COM

Boring No. 1		Project: Parque Triangular Buenos Aires		Date: 31/October /2023					
Elev. M.		Arceibo, P.R		Water Level, Ft (Date)					
Equipment:		Driller: Hector		Logger: Albert					
				10'					
DEPTH (FEET)	LEGEND	SAMPLE	Visual-Manual Soil Description	BLOWS 6"	N-VALUE	REC. %	QU. TSF	PEN. TSF	Wt. %
0-1.5			Sandy Clay (CL), Some roots, Very Stiff, Moist, Strong Brown	6-9-12	21	50	—	—	16.4
1.5-3.0			Sandy Clay (CL), Some Limestone Gravel Fragments Very Stiff, Moist, Strong Brown	6-6-10	16	50	—	—	16.3
3.0-4.5			Same As Above, Stiff	4-9-5	14	50	—	—	21.2
4.5-6.0			Same As Above, sandy, Very Stiff	6-4-11	17	22	—	—	18.5
10-11.5			Sandy Lean Clay (CH), Stiff, Very Wet, Yellow	4-8-6	14	22	—	—	26.5
15-16.5			Same As Above, Hard, Very Wet	10-18-26	44	100	—	—	29.5
20-21.5			Poory Graded Sand (SP), Very Dense, Moist, Strong Brown	18-29-37	66	56	—	—	23.4
END OF BORING: 21.5 ft. Standard Split Spoon									

Boring No. 2		Project: Parque Triangular Buenos Aires		Date: 31/October /2023					
Elev. M.		Arceibo, P.R		Water Level, Ft (Date)					
Equipment:		Driller: Hector		Logger: Albert					
				10'					
DEPTH (FEET)	LEGEND	SAMPLE	Visual-Manual Soil Description	BLOWS 6"	N-VALUE	REC. %	QU. TSF	PEN. TSF	Wt. %
0-1.5			Sandy Sil (ML), Stiff, Occ. roots, Moist, Strong Brown	3-5-8	13	61	—	—	18.5
1.5-3.0			Same As Above, yellow mottled, stiff	4-4-6	10	44	—	—	15.5
3.0-4.5			Same as above, sandy, (SM), Loose, Moist, Yellowish Brown	3-4-4	8	56	—	—	9.5
4.5-6.0			Same As Above, Some gravel fragments, Medium Dense, Strong Brown	5-10-15	25	17	—	—	11.5
10-11.5			Gravelly Clay (CL), Stiff, Very Wet, Brown	3-4-6	10	33	—	—	31.0
15-16.5			Lean Clay (CH), Very Stiff, Very Wet, slightly organic odor, Olive Brown	6-5-11	16	22	—	—	23.4
END OF BORING: 16.5 ft. Standard Split Spoon									

Boring No. 3		Project: Parque Triangular Buenos Aires		Date: 31/October /2023					
Elev. M.		Arceibo, P.R		Water Level, Ft (Date)					
Equipment:		Driller: Hector		Logger: Albert					
				5'					
DEPTH (FEET)	LEGEND	SAMPLE	Visual-Manual Soil Description	BLOWS 6"	N-VALUE	REC. %	QU. TSF	PEN. TSF	Wt. %
0-1.5			Sandy Sil (ML), Very Stiff, Moist, Strong Brown	6-7-8	15	50	—	—	13.0
1.5-3.0			Same As Above, Very Stiff	5-7-9	16	56	3.5	7.6	7.6
3.0-4.5			Poory Graded Sand (SP), Medium Dense, Moist, Strong Brown	8-7-10	17	67	—	—	5.3
4.5-6.0			Sandy Gravel With Clay (GP-GC), Medium Dense, Very Wet, Yellow	6-6-10	16	100	—	—	23.2
10-11.5			Same As Above, Loose, Very Wet	3-3-5	8	72	4.5	19.3	19.3
15-16.5			Same As Above, Very Dense, Very Wet	29-52-73	125	50	—	—	26.7
END OF BORING: 16.5 ft. Standard Split Spoon									

Boring No. 4		Project: Parque Triangular Buenos Aires		Date: 31/October /2023					
Elev. M.		Arceibo, P.R		Water Level, Ft (Date)					
Equipment:		Driller: Hector		Logger: Albert					
				5'					
DEPTH (FEET)	LEGEND	SAMPLE	Visual-Manual Soil Description	BLOWS 6"	N-VALUE	REC. %	QU. TSF	PEN. TSF	Wt. %
0-1.5			Sandy Sil (ML), Some roots, Very Stiff, Moist, Strong Brown	6-8-10	18	56	—	—	13.4
1.5-3.0			Same As Above, yellow mottled, Very stiff	8-10-12	22	44	3.5	10.9	10.9
3.0-4.5			Same As Above, Very Stiff to Very Hard	8-8-13	21	67	4.5	12.6	12.6
4.5-6.0			Gravelly Clay (CL), Medium, Stiff, Very Wet, Yellow	4-3-4	7	56	—	—	18.2
10-11.5			Same As Above, Hard, Very Wet	10-18-20	38	72	—	—	24.8
15-16.5			Clayey Gravel (GC), Very Dense, Wet, Yellow	16-16-39	55	100	—	—	24.5
20-21.5			Same As Above, Very Dense	18-29-51	80	50	—	—	19.9
END OF BORING: 21.5 ft. Standard Split Spoon									

PLAZA BUENOS AIRES

PUERTO RICO

CITY: ARCEIBO

DATE:	
TIME:	
DRILLER:	
LOGGER:	



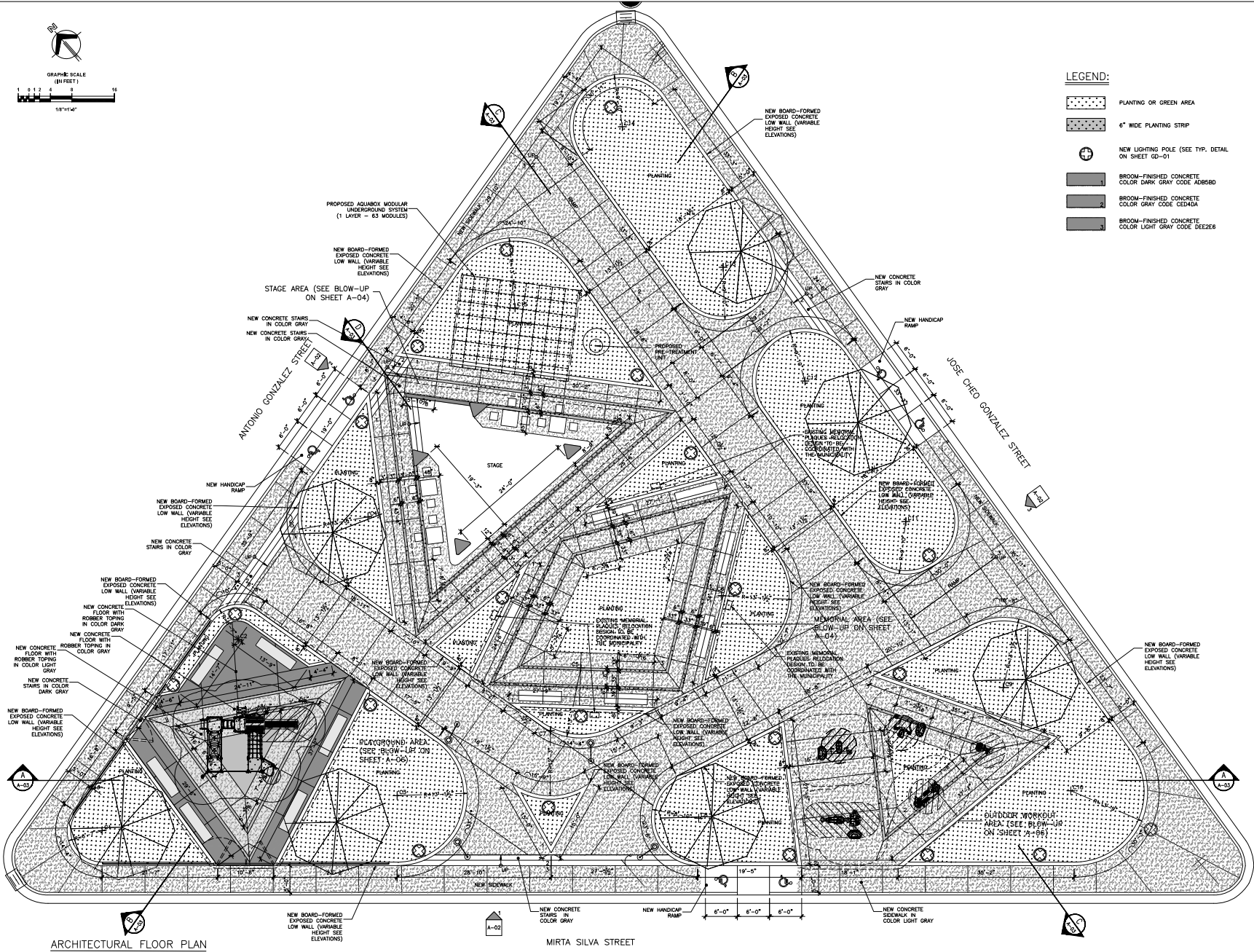
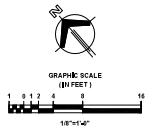
BORING LOGS TABLE

DATE: JANUARY 2025

SCALE: 1:200

DRAWING NO: SS-02

SHEET NO: 11 OF 29



- LEGEND:**
- PLANTING OR GREEN AREA
 - 6" WIDE PLANTING STRIP
 - NEW LIGHTING POLE (SEE TYP. DETAIL ON SHEET GD-01)
 - BROOM-FINISHED CONCRETE COLOR DARK GRAY CODE ADB580
 - BROOM-FINISHED CONCRETE COLOR GRAY CODE CED414
 - BROOM-FINISHED CONCRETE COLOR LIGHT GRAY CODE DEE2E8

PLAZA BUENOS AIRES
 CITY: ARECIBO
 PUERTO RICO

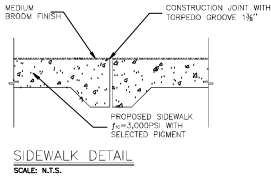
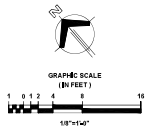
NO.	DATE	DESCRIPTION

Vazquez Associates
 ENGINEERS ARCHITECTS PLANNERS
 1000 UNIVERSITY AVENUE, SUITE 1000
 SAN JUAN, PUERTO RICO 00906
 TEL: (787) 750-1000 FAX: (787) 750-1001
 WWW.VAZQUEZASSOCIATES.COM

ARCHITECTURAL FLOOR PLAN
 DATE: JANUARY, 2005
 SCALE: 1/8"=1'-0"

DRAWING NO:
A-01
 SHEET NO:
 12 OF 29

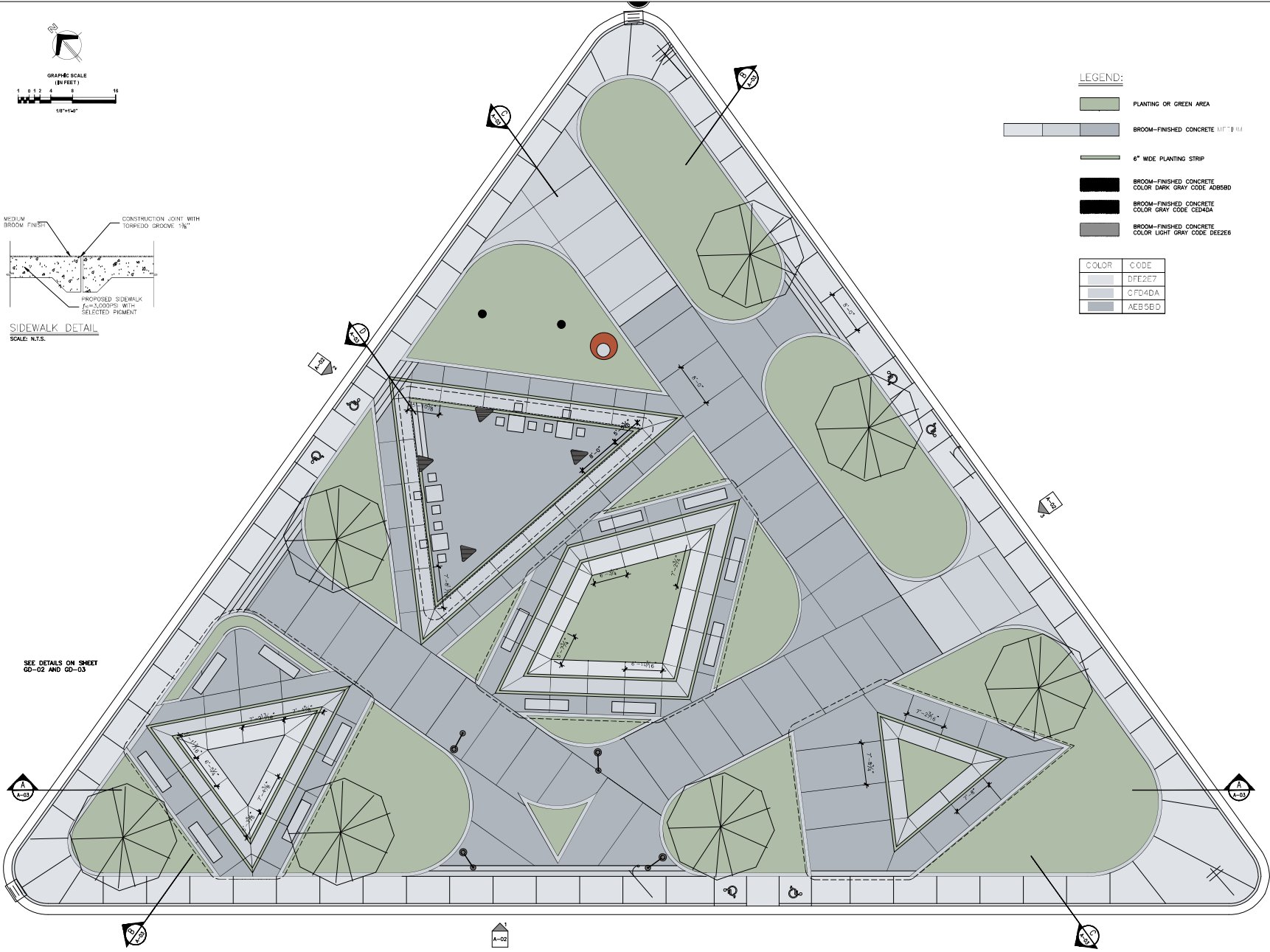
ARCHITECTURAL FLOOR PLAN
 SCALE: 1/8"=1'-0"



LEGEND:

- PLANTING OR GREEN AREA
- BROOM-FINISHED CONCRETE 11/2" MIN
- 6" WIDE PLANTING STRIP
- BROOM-FINISHED CONCRETE COLOR DARK GRAY CODE ADB5B0
- BROOM-FINISHED CONCRETE COLOR GRAY CODE CED4DA
- BROOM-FINISHED CONCRETE COLOR LIGHT GRAY CODE DEE2E6

COLOR	CODE
	DFE2E7
	CFD4DA
	AEB5B0



SEE DETAILS ON SHEET
GD-02 AND GD-03

ARCHITECTURAL FLOOR PLAN
SCALE: 1/8"=1'-0"

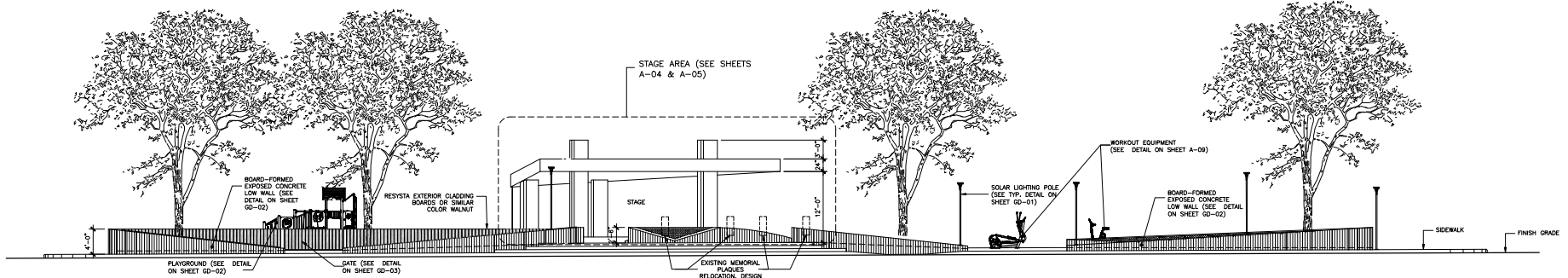
PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY:	SKD + SKD
DRAWN BY:	GAJARD
CHECKED BY:	
DATE:	
REVISION:	
DATE:	

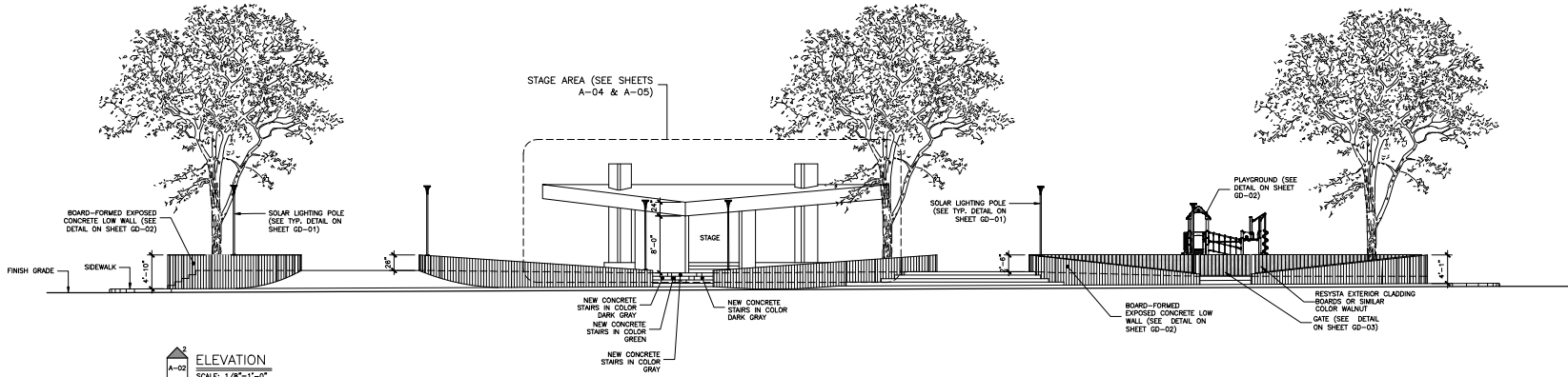
Vazquez Associates
ENGINEERS ARCHITECTS INTERIORS
1000 W. BROADWAY, SUITE 200
HOUSTON, TEXAS 77002
TEL: 713.865.1234 FAX: 713.865.1235
WWW.VAZQUEZASSOCIATES.COM

ARCHITECTURAL FLOOR PLAN
DATE: JANUARY, 2025
SCALE: 1/200

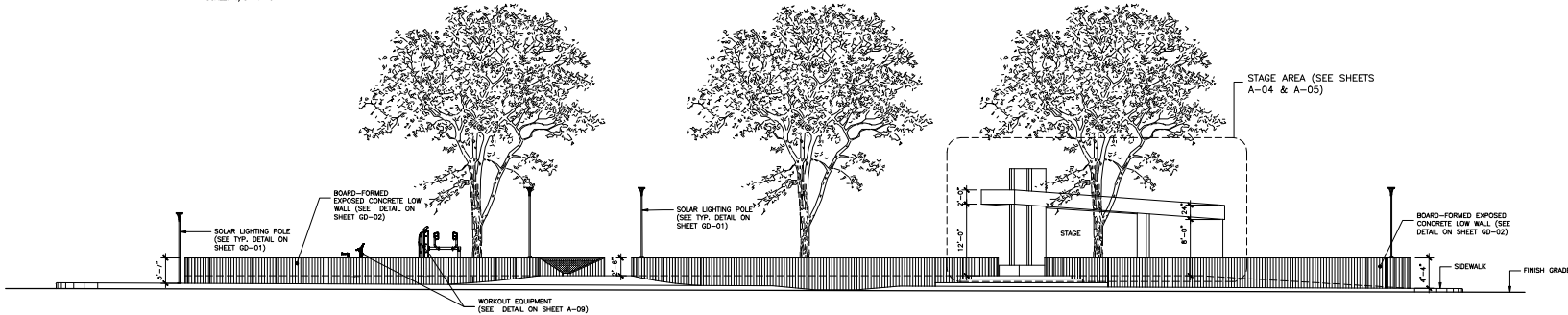
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A-02
SHEET NO:
13 OF 29



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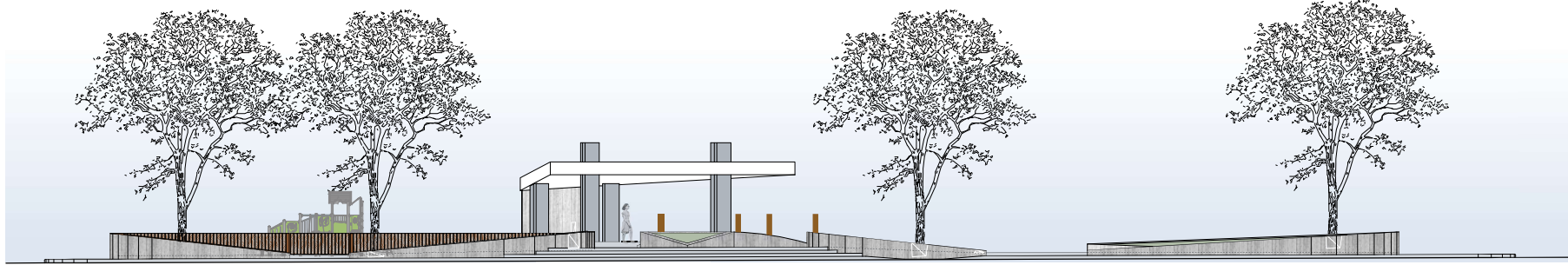
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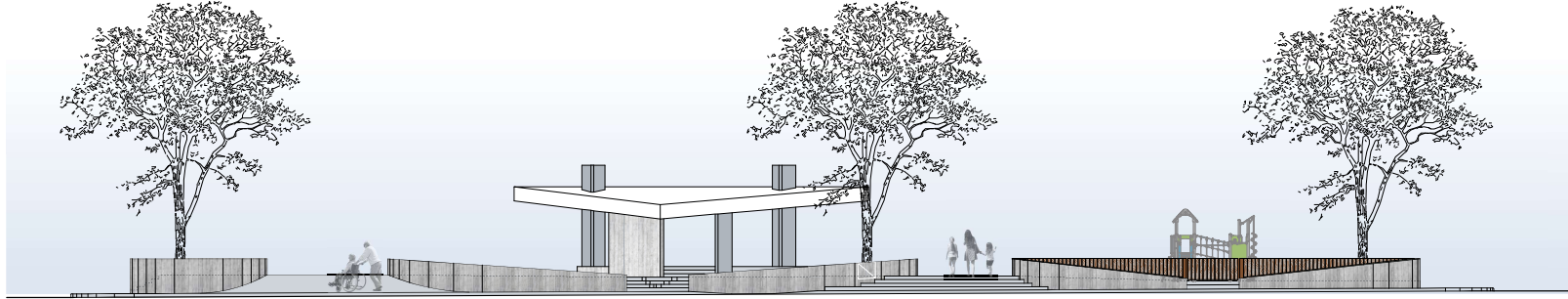
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PROJECT NO.	1000-0000
DATE	01/2020
DESIGNED BY	VAZQUEZ ASSOCIATES
CHECKED BY	VAZQUEZ ASSOCIATES
DATE	01/2020

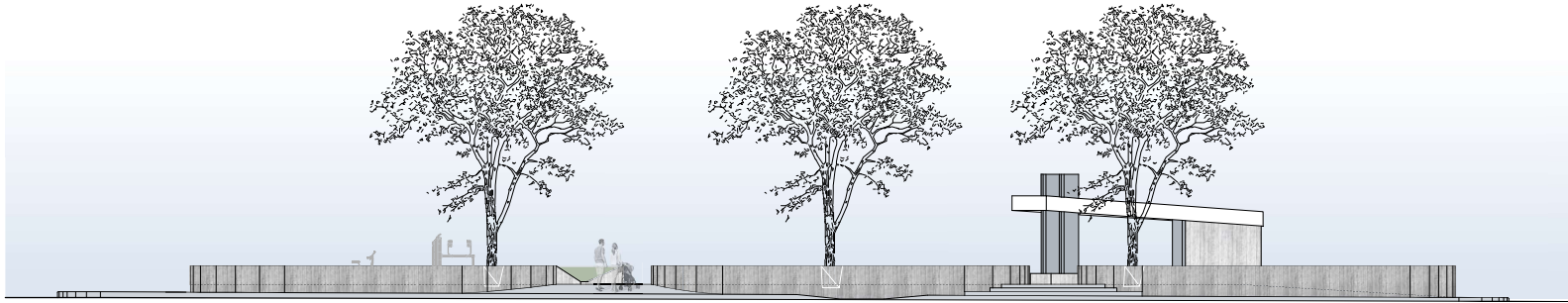




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A-02
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A-02
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PLAZA BUENOS AIRES

CITY: ARECIBO PUERTO RICO

DESIGNED BY: [Name]	DATE: [Date]
DRAWN BY: [Name]	DATE: [Date]
CHECKED BY: [Name]	DATE: [Date]
REVISIONS:	
NO.	DESCRIPTION

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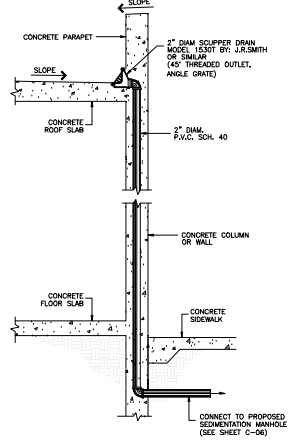
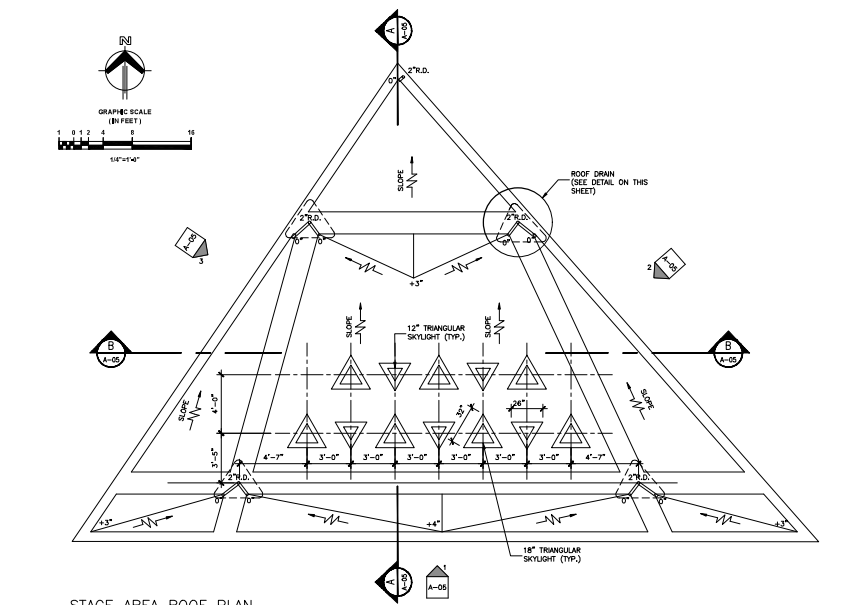
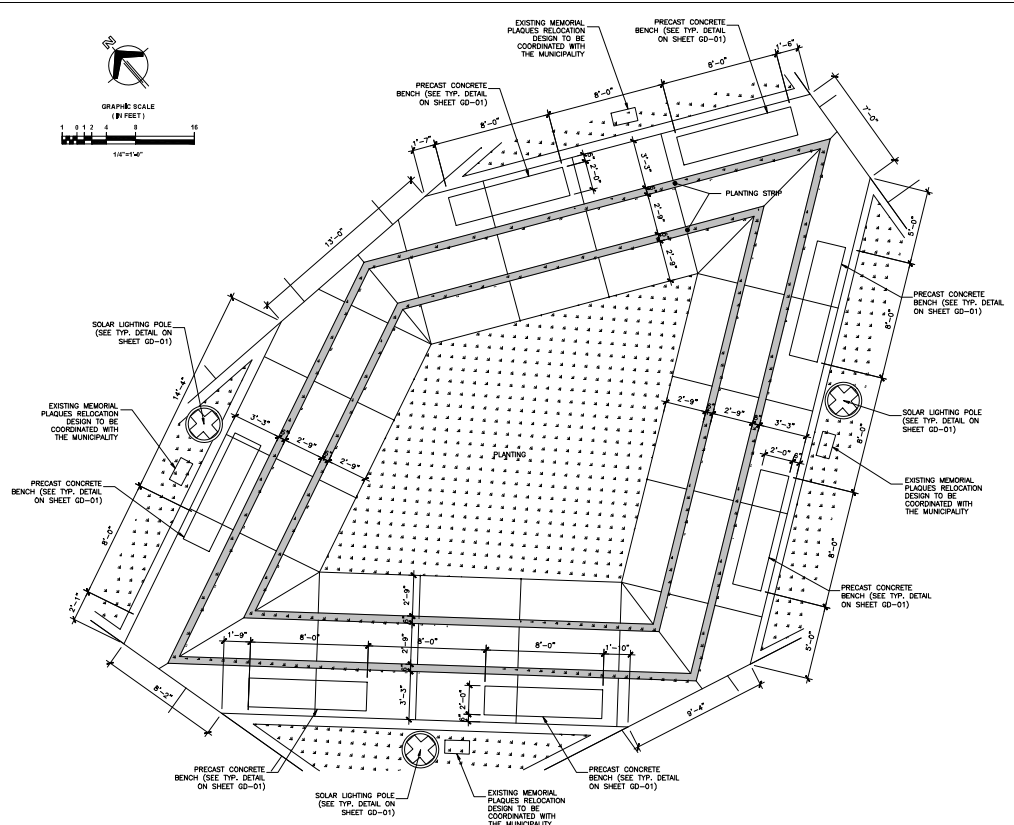
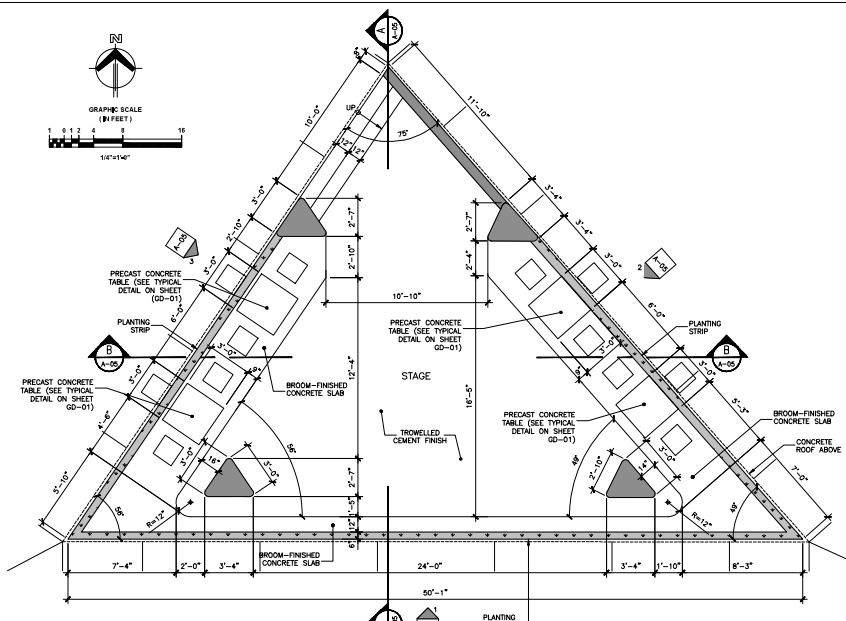
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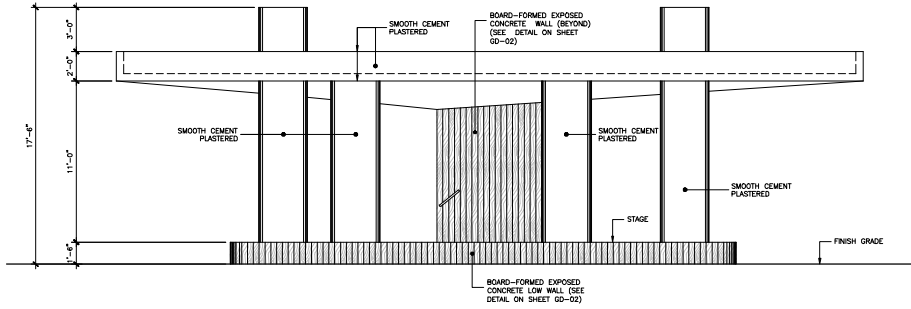


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15 OF 29

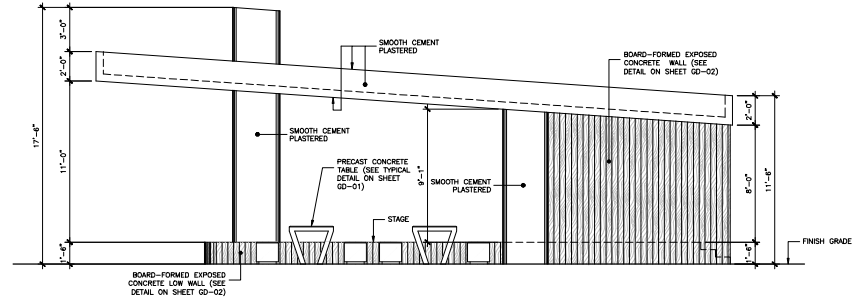


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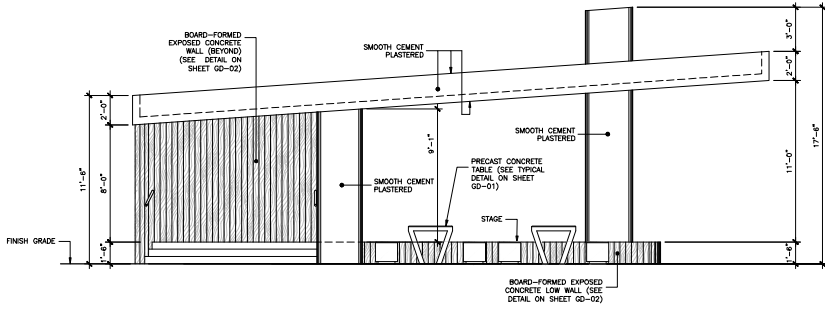
Vazquez Associates
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100 WEST GARDEN CITY AVENUE
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GARDEN CITY, NY 11530
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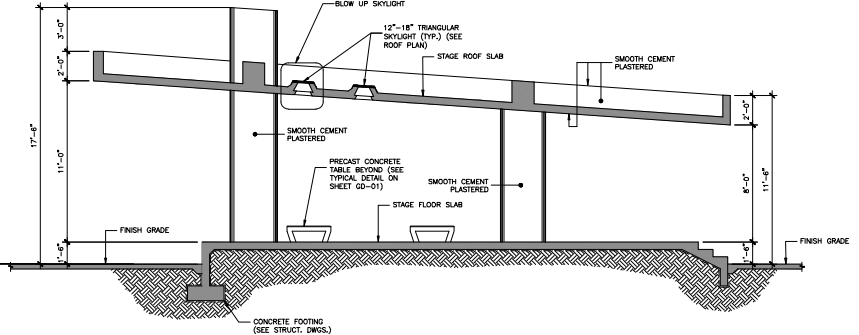
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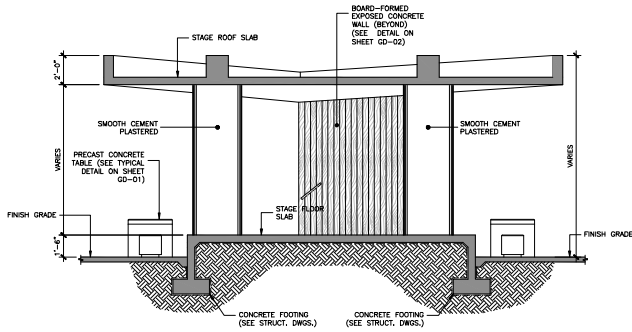
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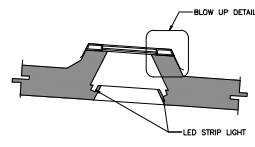
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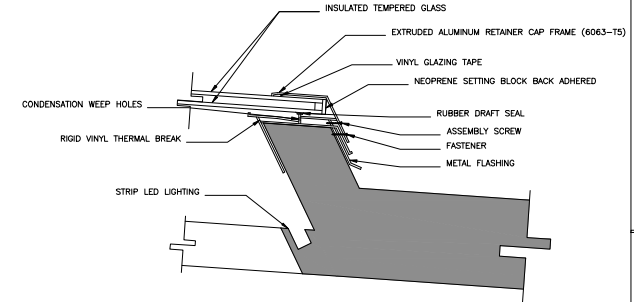
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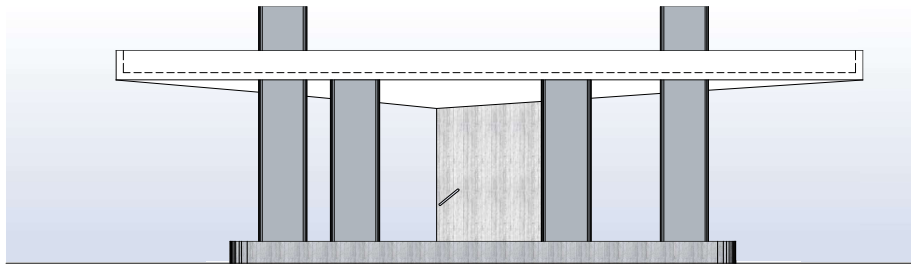
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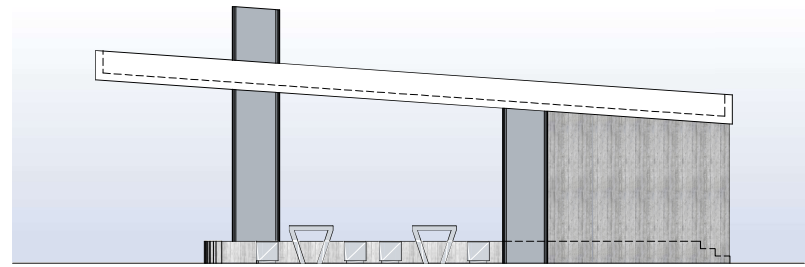
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DESIGNED BY	DATE
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IN CHARGE	DATE
PROJECT NO.	
SHEET NO.	

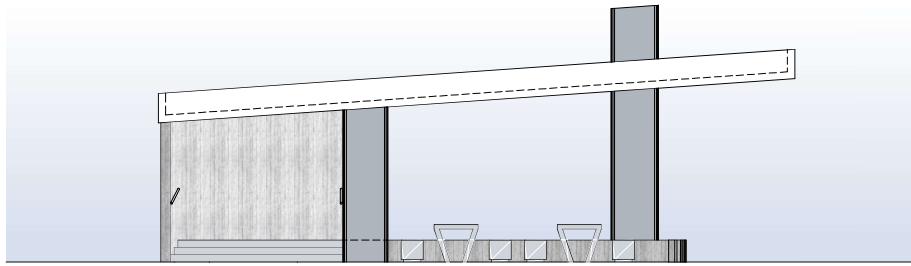
Vazquez Associates
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1000 UNIVERSITY AVENUE SUITE 200
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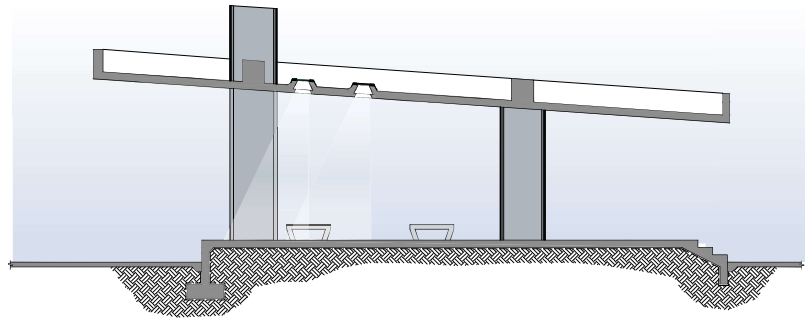
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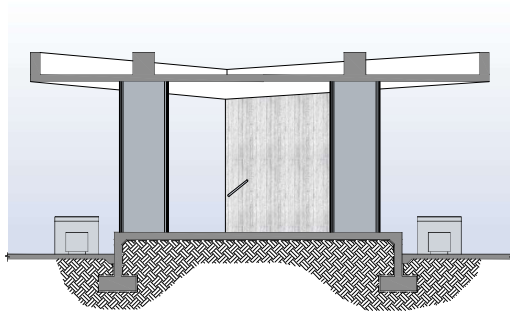
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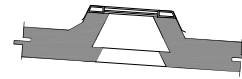
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ELEVATION A
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ELEVATION B
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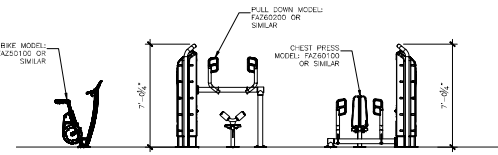
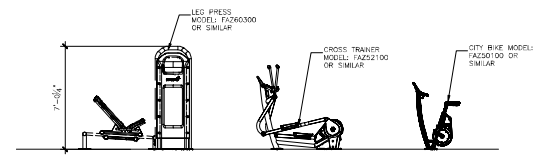
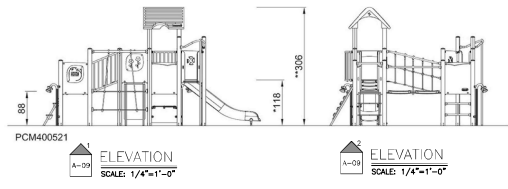
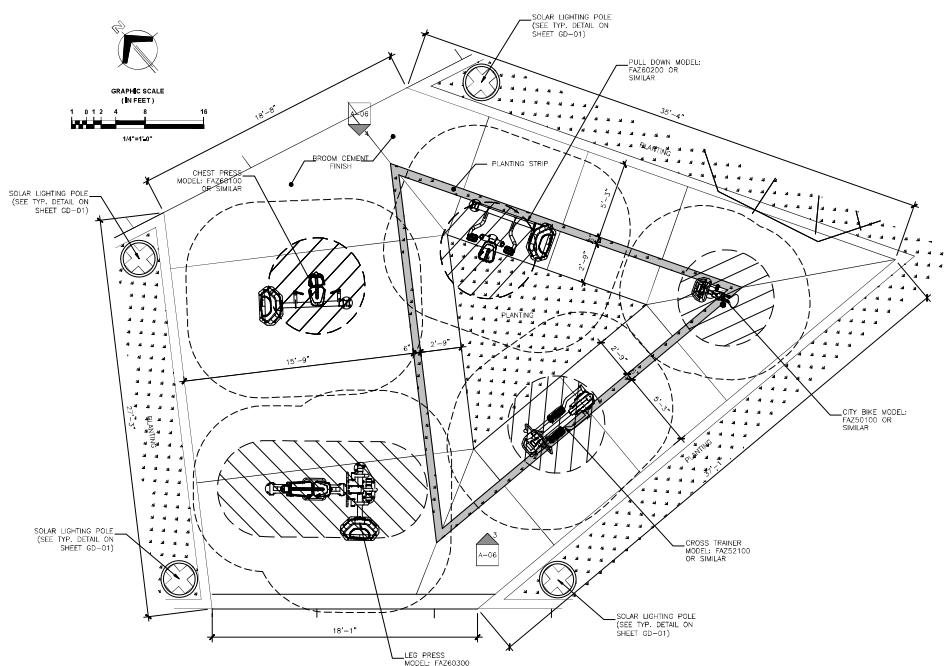
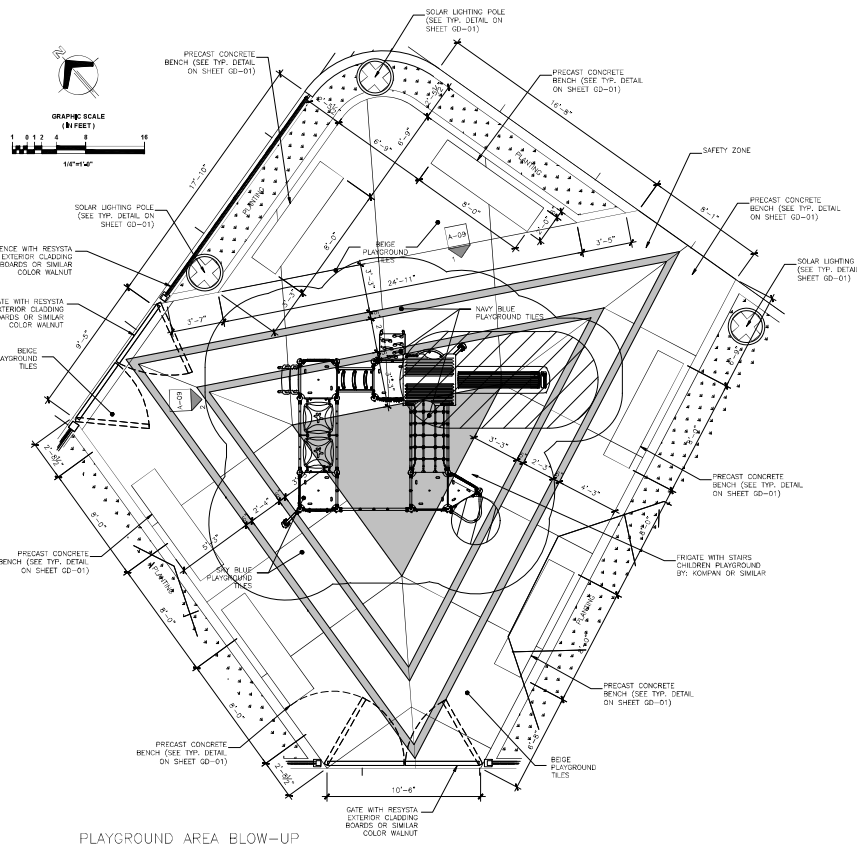


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COLOR	CODE
[Light Blue Swatch]	D9E2E7
[Medium Blue Swatch]	C9D4DA
[Dark Blue Swatch]	AEB5BD

REVISION	DATE	DESCRIPTION

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PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY: []	CHECKED BY: []
DRAWN BY: []	DATE: []
PROJECT NO: []	DATE: []

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PLAYGROUND & OUTDOOR WORKOUT AREA BLOW-UPS
DATE: JANUARY, 2025
SCALE: 1:200

DRAWING NO: **A-09**
SHEET NO: **20** OF **29**

GENERAL NOTES:

- 1. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST REVISION.
3. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
4. NO OPENINGS, OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS, SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERSHIP SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
6. OPENINGS 1/4" AND LESS ON A SIDE ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
7. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
8. HORIZONTAL MOVEMENT OF ANY HEAVY EQUIPMENT OVER STRUCTURAL FLOORS OR ROOF AND ITS TEMPORARY AND/OR DEFINITE LOCATIONS MUST BE PREVIOUSLY APPROVED BY THE ENGINEER SO AS NOT TO OVERLOAD THE STRUCTURE OR IN ANY OTHER WAY IMPAIR THE STRUCTURE. SAME PRECAUTION SHALL BE TAKEN FOR THE PILING OF CONSTRUCTIONS MATERIALS.
9. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. OBSERVATION WILL BE MADE TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
10. ALL STRUCTURES HAVE BEEN DESIGNED ACCORDING TO FINAL BEHAVIOR AND CONDITIONS. HOWEVER, DURING ERECTION OF SAME, CERTAIN CONDITIONS CAN ARISE FOR WHICH THE BEHAVIOR OF THE STRUCTURE HAS NOT BEEN CONTEMPLATED. THEREFORE, THE CONTRACTOR SHOULD PROVIDE AT ALL TIMES ADEQUATE SHORING AND RESTORING UNTIL THE DESIGN CONDITIONS HAVE BEEN MET. THE ENGINEER IS NOT RESPONSIBLE FOR ANY DAMAGE TO THE STRUCTURE, PLEASE CONSULT AND/OR NOTIFY THE STRUCTURAL ENGINEER.
11. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
12. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
13. CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
14. THE CONTRACTOR SHALL INFORM THE ARCHITECT/ENGINEER IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
15. WHERE "OWNER" IS MENTIONED IN PLANS IT IS TO BE UNDERSTOOD EITHER OWNER OR HIS AUTHORIZED REPRESENTATIVE.
16. CONTRACTOR SHALL SUBMIT FOR OWNERS APPROVAL LOCATION AND DETAILS OF CONSTRUCTION JOINTS IN SLABS AND BEAMS, AND IN ANY OTHER STRUCTURAL MEMBERS.
17. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON STRUCTURAL PLANS AGAINST THE DIMENSIONS ON ARCHITECTURAL PLANS BEFORE LAYING OUT THE WORK.
18. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION, IF ANY DISCREPANCY ARISES IN THE STRUCTURAL AND ARCHITECTURAL PLANS, THE ARCHITECTS AND ENGINEERS SHALL BE NOTIFIED IMMEDIATELY.
19. CONTRACTOR MUST PROVIDE, SET AND VERIFY DIMENSIONS AND LOCATION OF ALL ANCHORS, INSERTS, BOLTS, SLEEVES, CONDUITS, ETC., SHOWN OR NOTED IN ARCHITECTURAL AND/OR MECHANICAL AND PLUMBING PLANS BEFORE THE CONCRETE IS POURED.
20. PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE AND/OR AISC SPECIFICATIONS AND CLARIFIED WITH THE STRUCTURAL ENGINEER.
21. ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS AND INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE.
22. IN CASE OF DOUBT IN THE INTERPRETATION OF ANY ASPECT OF THESE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS, THE STRUCTURAL ENGINEER SHALL BE CONSULTED.
23. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN OR OMITTED ON THE DRAWINGS.

REFERENCES:

- DESIGN, FABRICATION & CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS AND PROVISIONS OF THE FOLLOWING CODES AND SPECIFICATIONS THEIR COMMENTARIES AND THE STANDARDS REFERENCED THEREIN:
1. AMERICAN CONCRETE INSTITUTE (ACI)
2. INTERNATIONAL BUILDING CODE, 2018 (IBC)
3. AMERICAN SOCIETY OF TESTING AND MATERIALS (ASTM)
4. CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
5. AMERICAN WELDING SOCIETY (AWS)
6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
7. STEEL DECK INSTITUTE (SDI)
8. STEEL JOIST INSTITUTE (SJI)

DESIGN LOADS:

- 1. WIND, LATERAL LOADS : ASCE 7-16
A) BASIC WIND SPEED 162mph
B) RISK CATEGORY II
C) HZ. D) EXPOSURE C
2. SEISMIC LATERAL LOADS : IBC 2018
A) RISK CATEGORY I
B) SITE CLASS D
C) Ss 0.90
D) S1 0.31
E) S2 0.71
F) S3 0.47
G) S4 1.2
H) T 12
3. DEAD LOAD 20 psf STRUCTURE SELF-WEIGHT
4. LIVE LOAD 20 psf

MATERIALS:

- ALL CONCRETE SHALL DEVELOP A MINIMUM 28 DAYS COMPRESSIVE STRENGTH AS FOLLOWS:
A) FOUNDATIONS & SLAB ON GRADE 4,000 PSI
B) CURBS, WALLS, CURB & GUTTERS 4,000 PSI
C) WALLS, PEDESTALS & BENCHES 4,000 PSI
4. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I.
5. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
4. ALL REINFORCING BARS SHALL BE HIGH TENSILE DEFORMED MEETING ASTM A-615 GRADE 60, UNLESS NOTED OTHERWISE ON SPECS AND/OR DRAWINGS.
5. CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED TRUSS TYPE FABRICATED UNITS WITH A SINGLE PAIR OF 9 GAUGE SIZE RODS AND 9 GAUGE CONTINUOUS DIAGONAL CROSS RODS FABRICATED FROM COLD-DRAWN STEEL WIRE COMPLYING WITH ASTM A-82.
6. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
A) W STEEL SHAPES ASTM A-992 Gr 50
B) PLATES & CONNECTIONS ASTM A-36
C) STRUCTURAL TUBE (Fy=46 Ksi) ASTM A-500
D) STEEL PIPE (Fy=36 Ksi) ASTM A-53
E) ANCHOR BOLTS AND UNFINISHED BOLTS ASTM A-325
F) BOLTS, NUTS AND WASHERS ASTM A-325
G) WELDING ELECTRODES (E333, CLASS E7018XX) ASTM A-223
6. ALUMINUM SHALL CONFORM TO THE FOLLOWING GRADES:
A) TUBE SHAPES ASTM B221
B) ANGLES ASTM B308
7. METAL STUDS SHALL CONFORM TO ASTM A-108.

FOUNDATIONS:

- 1. THE FOUNDATION SHALL BE DESIGNED WITH AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR MUST VERIFY ALL SOIL CONDITIONS AND BEARING CAPACITY BEFORE STARTING ANY EXCAVATION OR FOUNDATION WORK. IN THE EVENT THAT UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED, AND FOUNDATIONS SHALL NOT BE PLACED UNTIL DIRECTION IS RECEIVED FROM THE ENGINEER.
2. FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
3. ALL BEARING MATERIAL SHALL BE INSPECTED BY THE ENGINEERING IN INSPECTION PRIOR TO CONCRETE PLACEMENT, THE INDEPENDENT INSPECTOR SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED. THE INSPECTOR SHALL BE THE OWNER'S REPRESENTATIVE AT THE PROJECT SITE, AND AS SUCH WILL BE RESPONSIBLE TO HIM.
4. FOUNDATION WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTION AS PER TECHNICAL SPECIFICATIONS FOR THE PROJECT.
5. ALL BACKFILL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY.
6. ALL EXCAVATIONS AND BACKFILLS SHALL BE INSPECTED FOR COMPLIANCE WITH THE SUBSOIL REPORT RECOMMENDATIONS.

CAST-IN PLACE REINFORCED CONCRETE:

- 1. CONCRETE ITEMS AND REINFORCEMENT SHALL BE ERECTED IN STRICT ACCORDANCE WITH OWNER APPROVED SHOP AND ERECTION DRAWINGS FOLLOWING THE DETAILS SHOWN ON PLANS.
2. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PRODUCE CORRECTLY ALIGNED CONCRETE CONSIDERING AMONG OTHER THINGS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
3. CONCRETE SHALL BE NON-AIR ENTRAINED. AIR CONTENT SHALL BE BETWEEN 0 AND 2 PERCENT.
4. THE NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE OF 3/4".
5. SLUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH-RANGE WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF CONCRETE CONTAINING A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 7".
6. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A REGISTERED LICENSED ENGINEER. PHYSICAL TESTS RESULTS FOR COARSE AND FINE AGGREGATES SHALL ALSO BE SUBMITTED CERTIFIED BY A REGISTERED ENGINEER.
7. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE: UNFORMED SURFACE IN CONTACT WITH THE GROUND 1.5 IN.
FORMED SURFACES EXPOSED TO EARTH OR WEATHER: #6 BARS AND LARGER 2 IN. #8 BARS AND SMALLER 1-1/2 IN.
8. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH ACI DETAILING MANUAL (SP-08) AND "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" BY THE CRSI.
9. ALL REINFORCING SHALL BE SUPPORTED IN FORMS USING STEEL CHAIRS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE".
10. BASE PLATES, ANCHOR BOLTS, SUPPORT ANCHORS, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.
11. NO DEFECTIVE CONCRETE SHALL BE CORRECTED OR COVERED WITH MORTAR, PLASTER ETC. WITHOUT THE INSPECTOR'S APPROVAL.
12. CONCRETE WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
13. ALL SYMBOLS AND STRESSES AS WELL AS CONCRETE WORK SHALL CONFORM TO THE STANDARD OF THE LATEST VERSION OF THE ACI BUILDING CODE.
14. ALL SLAB AND CORRESPONDING BEAMS, CURBS, OR APRONS SHALL BE POURED MONOLITHICALLY.
15. ALL REINFORCING, SLEEVES, CONDUITS, INSERTS AND BOLTS SHALL BE WELL REINFORCED AND IN PLACE BEFORE CONCRETE IS POURED.
16. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES IN SUCH CASES. HOOPERS OR VERTICAL CHUTES OR TRUNKS SHALL BE USED. THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED THE ABOVE LIMITATIONS.
17. LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE, WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE CLASS "B" SPLICE.

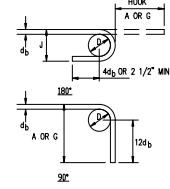
SPLICES TABLE (GRADE 60)

Table with columns: BAR SIZE, Fc (psi), TENSION SPLICE CLASS, COMPRESSION SPLICE CLASS, and sub-columns A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.

COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS LAP WELDED WIRE FABRIC ONE SPACING OF CROSS WIRES PLUS 2". THE DEVELOPMENT LENGTH INDICATED ABOVE IS VALID WHERE ONE OF THE FOLLOWING CONDITIONS IS MET:
1. CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 4db
2. CLEAR COVER NOT LESS THAN 4db AND STIRRUPS OR TIES THROUGHOUT
3. NOT LESS THAN THE CODE MINIMUM. CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2db AND CLEAR COVER NOT LESS THAN 4db.

END HOOKS FOR ALL GRADES

Table with columns: BAR SIZE, FINISHED BEND DIAMETER, 180° HOOKS (A, B, C, D, E, F, G), and 90° HOOKS (A, B, C, D, E, F, G).



- 18. FOR CONSTRUCTION JOINTS IN STRUCTURAL MEMBERS A VERTICAL BULKHEAD AND KEY JOINT MUST BE PROVIDED.
19. MINIMUM LAP OF WELDED WIRE FABRIC SHALL BE 6 INCHES OR ONE FULL MESH, WHICHEVER IS GREATER.
20. SLAB ON GROUND, AS NOTED ON DRAWINGS.
21. FOR CONCRETE FORMWORK, SURFACE FINISHING, BEVELED CORNERS AND DRIPS, SEE ARCHITECTURAL PLANS.
22. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI STANDARD 304 AND PROJECT SPECIFICATIONS.
23. PROVIDE DOWELS IN PEDESTAL AND/OR WALL FOOTINGS EQUAL IN GRADE, SPACING, SIZE AND NUMBER TO VERTICAL REINFORCEMENT, EXTENDING A TENSION SPLICE LENGTH INTO THE PEDESTAL AND/OR WALL AND 40 BAR DIAMETER INTO FOOTING. (THE LATERAL EMBEDMENT SHALL BE EXTENDED AS NECESSARY TO PROVIDE A MINIMUM HORIZONTAL LEG RESTING ON FOOTING REINFORCEMENT EQUAL TO THE CORRESPONDING "G" LENGTH FOR THE BAR SIZE.)
24. THE SIZE OF NAILS AND SIMILAR FASTENERS DRIVEN INTO CONCRETE SHALL BE SUCH AS NOT TO CRACK OR IMPAIR IT, NEVERTHELESS, IF THE CONCRETE IS DAMAGED, IT SHALL BE PROPERLY REPAIRED AFTER REMOVING THE DAMAGED PORTION AND SUITABLE JOINT SURFACE ARE PROVIDED.
25. ALL CAST-IN PLACE REINFORCED CONCRETE STRUCTURAL MEMBERS SHALL BE PROPERLY CURED IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI CODE, CHAPTER V AND ACI 308.
26. ALL LAPPING, BENDING AND PLACING OR REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE.
27. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
28. ALL NEGATIVE REINFORCEMENT (TOP REIN.) AND POSITIVE REINFORCEMENT (BOTTOM REIN.) IN SLABS AND BEAMS SHALL BE EXTENDED BEYOND THE CENTER LINE OF THE END SUPPORTS IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE, UNLESS OTHERWISE SPECIFIED.
29. WELDING OF REINFORCEMENT SHALL BE WITH LOW HYDROGEN ELECTRODES IN CONFORMANCE WITH "REINFORCING STEEL WELDING CODE" AND "RECOMMENDED PRACTICES FOR WELDING REINFORCING STEEL" BOTH BY THE AWS (AWS D12.1 & AWS D1.4 RESPECTIVELY).

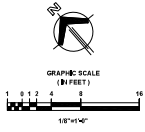
- 30. ALL FORMWORK FOR FLEXURAL MEMBERS SHALL BE BUILT WITH A CAMBER CORRESPONDING TO ITS OWN DEFORMATION PLUS THE STRUCTURE DEAD LOAD DEFORMATIONS. IN DETERMINING THE AMOUNT OF CAMBER, THE CONTRACTOR SHALL HAVE THE ASSISTANCE OF THE DESIGNER WHERE SO REQUESTED.
31. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCEMENT BAR WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITTED U.N.O.
32. NO JOINT, OPENING, SLOT OR GROOVE OTHER THAN THAT SHOWN ON DRAWINGS SHALL BE PERMITTED WITHOUT PREVIOUS APPROVAL BY THE ENGINEER. ALL CONSTRUCTION JOINT SURFACES SHALL BE CLEANED AND ROUGHENED IMMEDIATELY BEFORE CONCRETING AND TREATED AS INSTRUCTED IN THE "ACI MANUAL OF CONCRETE PRACTICE".
33. CONDUIT OF PIPE SIZE (O.D.) SHALL NOT EXCEED 30 PERCENT OF TOTAL SLAB THICKNESS AND SHALL BE PLACED BETWEEN THE TOP & BOTTOM REINFORCEMENT, UNLESS SPECIFICALLY DETAILED OTHERWISE. CONCENTRATIONS OF CONDUITS OR PIPES SHALL BE AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED.
34. WATER-CEMENT RATIO REQUIREMENTS FOR DIFFERENT COMPRESSIVE STRENGTHS OF CONCRETE.
COMPRESSIVE STRENGTH AT 28 DAYS, psi WATER-CEMENT RATIO BY WEIGHT NON-AIR ENTRAINED AIR ENTRAINED CONCRETE CONCRETE
4,000 0.57 0.48
3,000 0.68 0.59
2,000 0.82 0.74

STRUCTURAL STEEL:

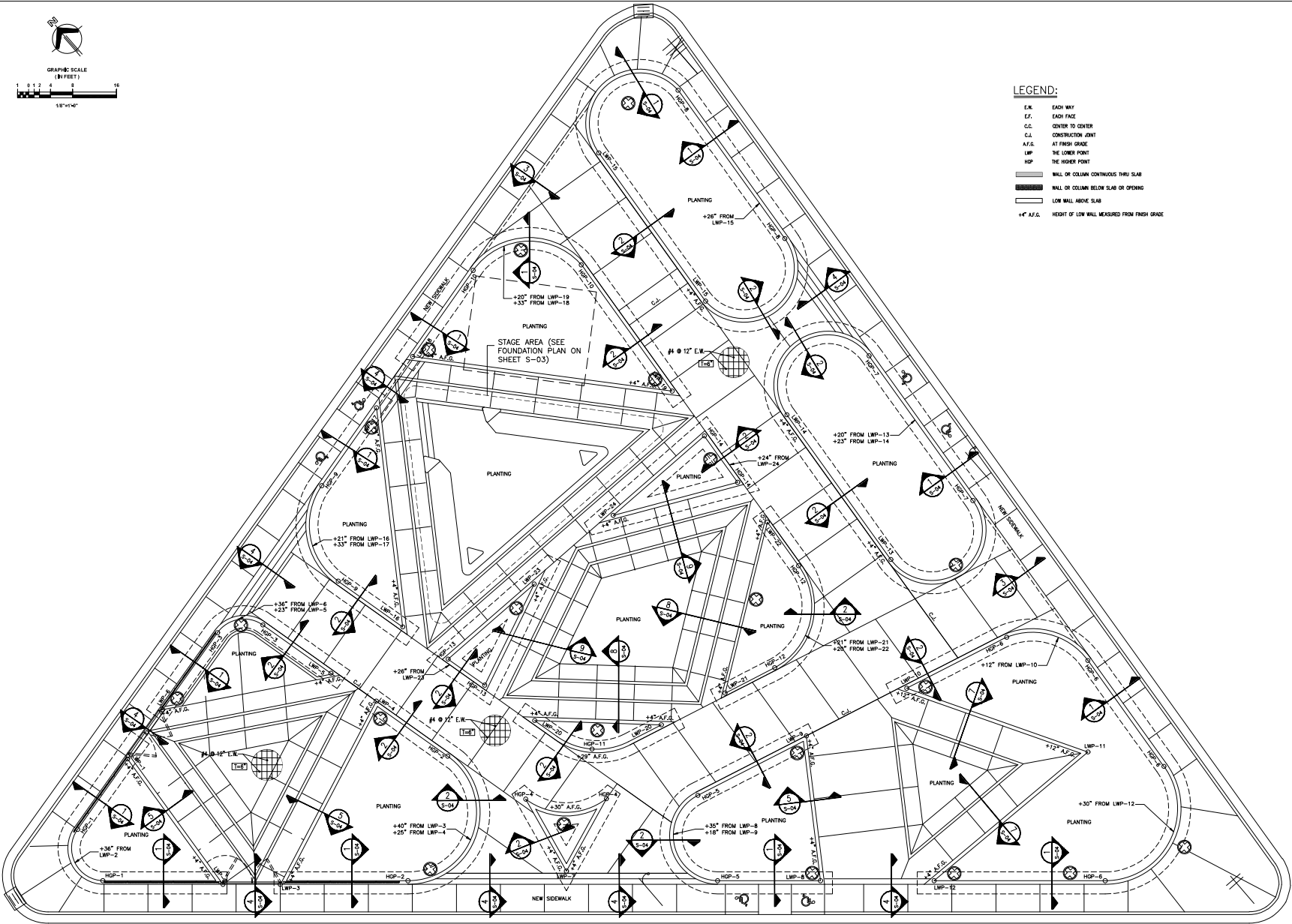
- 1. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST VERSION OF THE AISC CODE OF STANDARD PRACTICE, EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS AND/OR DRAWINGS.
2. THE STEEL STRUCTURE IS A PARTIAL-Self-SUPPORTING STEEL FRAME AND IS DEPENDENT ON DIAPHRAGM ACTION OF THE METAL ROUGH DECK AND ATTACHMENT TO THE EXISTING MASONRY AND CONCRETE WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE ELEMENTS ARE COMPLETED AND ARE CAPABLE OF PROVIDING THIS SUPPORT.
3. THE FABRICATOR IS RESPONSIBLE FOR THE SHOP DRAWINGS OF ALL CONNECTIONS. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATOR'S CONNECTION SHOP DRAWING. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE FABRICATOR'S ENGINEER WITH THE ENGINEER'S SEAL.
4. SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
5. UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY, UNLESS NOTED OTHERWISE, ANCHOR BEAMS TO MASONRY WITH TWO (2) 3/4" DIAMETER ANCHOR BOLTS WITH 4" HOOK AND 1'-4" EMBEDMENT.
6. STRUCTURAL STEEL WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS. AISC, ASTM & AWS SPECIFICATIONS WILL GOVERN ALL STRUCTURAL STEEL WORKS.
7. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION STANDARD PRACTICE.
8. STRUCTURAL STEEL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER AND IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY, (AWS), REQUIREMENTS.
9. ALL INSPECTION AND TESTING OF WELDING SHALL BE DONE IN ACCORDANCE TO SECTION 501 THRU 607 OF THE AWS CODE FOR WELDING IN BUILDING CONSTRUCTION.
10. ALL CONNECTIONS SHALL BE BEARING TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.
11. VERTICAL BRACING CONNECTIONS SHALL DEVELOP THE TENSION CAPACITY OF THE CONNECTED MEMBER.
12. MOMENT CONNECTIONS SHALL BE DESIGNED TO DEVELOP THE PLASTIC MOMENT CAPACITY OF THE BEAM U.N.O.
13. SHOP DRAWINGS FOR ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL BE SUBMITTED TO THE DESIGNER FOR APPROVAL WELL IN ADVANCE OF CONSTRUCTION.
14. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR REVIEW AND APPROVAL OR REJECTION, PRIOR TO REMEDIAL OR CORRECTIVE ACTION TO BE IMPLEMENTED.
15. UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUMS SHALL APPLY:
A) WELD SIZE 3/16"
B) BOLT DIAMETER 3/4"
C) PLATE THICKNESS 1/2"
D) CLIP ANGLE THICKNESS 5/16"
E) BOLTS/ANGLE LEG 2"
16. ONE BOLT ASSEMBLY SHALL CONSIST OF:
A) A HEAVY HEX STRUCTURAL BOLT
B) A HEAVY HEX NUT
C) A HARDENED STEEL WASHER
17. COLUMN STIFFENERS SHALL BE PROVIDED AS REQUIRED TO DEVELOP THE PLASTIC MOMENT CAPACITY OF THE CONNECTED BEAM U.N.O.
18. FRAMED BEAM CONNECTIONS SHALL BE OF A TYPE SIMILAR TO AND OF EQUAL CAPACITY AS THOSE SHOWN IN TABLES II, III AND IV OF THE AISC MANUAL, AND SHALL DEVELOP THE SHEAR CAPACITY (Wp/2L) GIVEN IN THE UNIFORM LOAD CONSTANTS TABLE.
19. CONNECTIONS SHALL BE DESIGNED AS SLIP CRITICAL, WITH BOLT LENGTH AS PER BEARING TYPE X.
20. HORIZONTAL BRACING CONNECTIONS SHALL DEVELOP THE COMPRESSION CAPACITY OF THE CONNECTED MEMBER.

Table with columns: DATE, TIME, and rows for various project milestones.

Vaquez Associates
INCORPORATED
ENGINEERS, ARCHITECTS, PLANNERS AND INTERIORS DESIGNERS



- LEGEND:**
- E.W. EACH WAY
 - E.F. EACH FACE
 - C.C. CENTER TO CENTER
 - C.J. CONSTRUCTION JOINT
 - A.F.G. AT FINISH GRADE
 - LWP THE LOWER POINT
 - HGP THE HIGHER POINT
 - WALL OR COLUMN CONTINUOUS THRU SLAB
 - ▬ WALL OR COLUMN BELOW SLAB OR OPENING
 - ▬ LOW WALL ABOVE SLAB
 - +4" A.F.G. HEIGHT OF LOW WALL MEASURED FROM FINISH GRADE



NO.	REV.	DATE	DESCRIPTION

Vazquez Associates
 ENGINEERS, ARCHITECTS, PLANNERS
 1000 WEST BROADWAY, SUITE 2000
 HOUSTON, TEXAS 77002
 TEL: 713.869.8800 FAX: 713.869.8801
 WWW.VAZQUEZASSOCIATES.COM

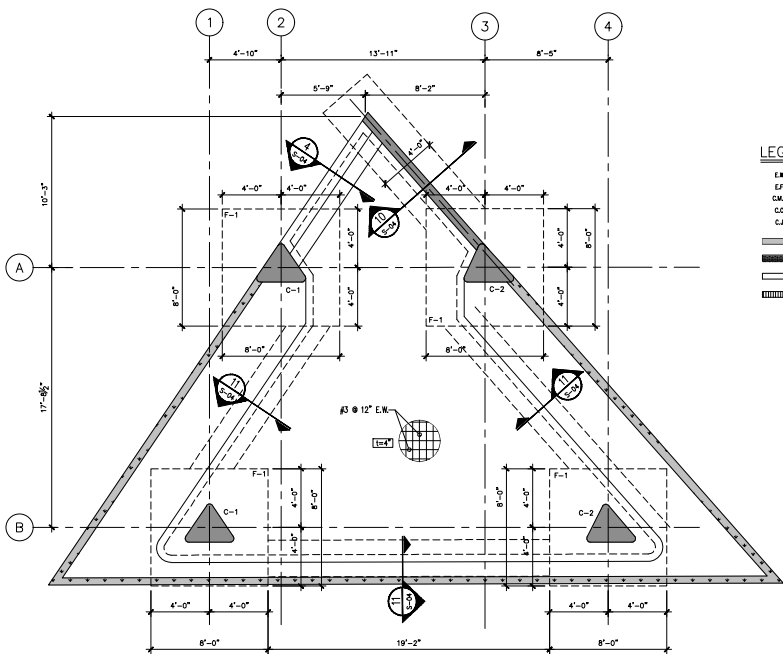
FOUNDATION SITE PLAN

SCALE: 1/8"=1'-0"

DATE: JANUARY, 2005

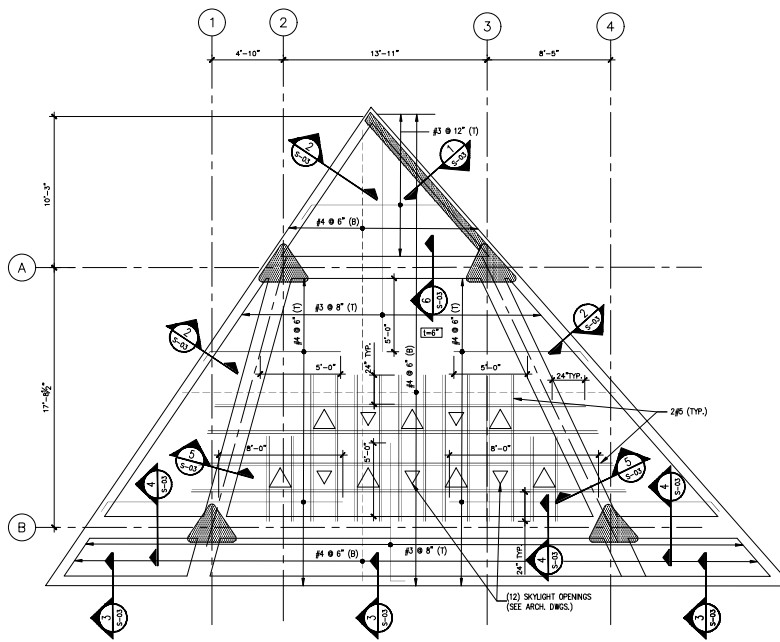
DRAWING NO:
S-02

SHEET NO:
22 OF 29

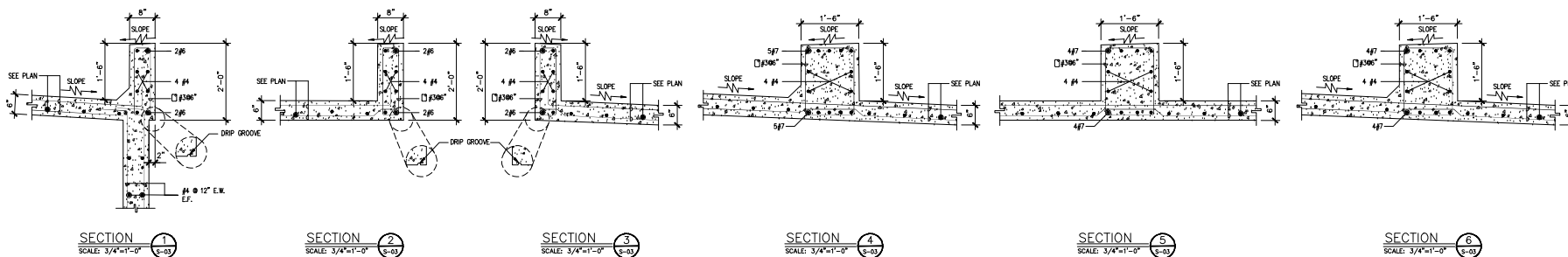


STAGE AREA FOUNDATION PLAN
SCALE: 1/4"=1'-0"

LEGEND:
 E.W. EACH WAY
 E.F. EACH FACE
 C.M.U. CONCRETE MASONRY UNIT
 C.C. CENTER TO CENTER
 C.J. CONSTRUCTION JOINT
 WALL OR COLUMN CONTINUOUS THRU SLAB
 WALL OR COLUMN BELOW SLAB OR OPENING
 WALL, BEAM OR PARAPET ABOVE OPENING
 CMU WALL



STAGE AREA ROOF STRUCTURAL PLAN
SCALE: 1/4"=1'-0"



SECTION 1
SCALE: 3/4"=1'-0" 2-03

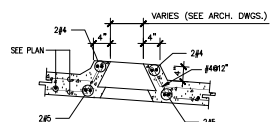
SECTION 2
SCALE: 3/4"=1'-0" 2-03

SECTION 3
SCALE: 3/4"=1'-0" 2-03

SECTION 4
SCALE: 3/4"=1'-0" 2-03

SECTION 5
SCALE: 3/4"=1'-0" 2-03

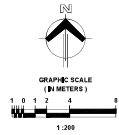
SECTION 6
SCALE: 3/4"=1'-0" 2-03



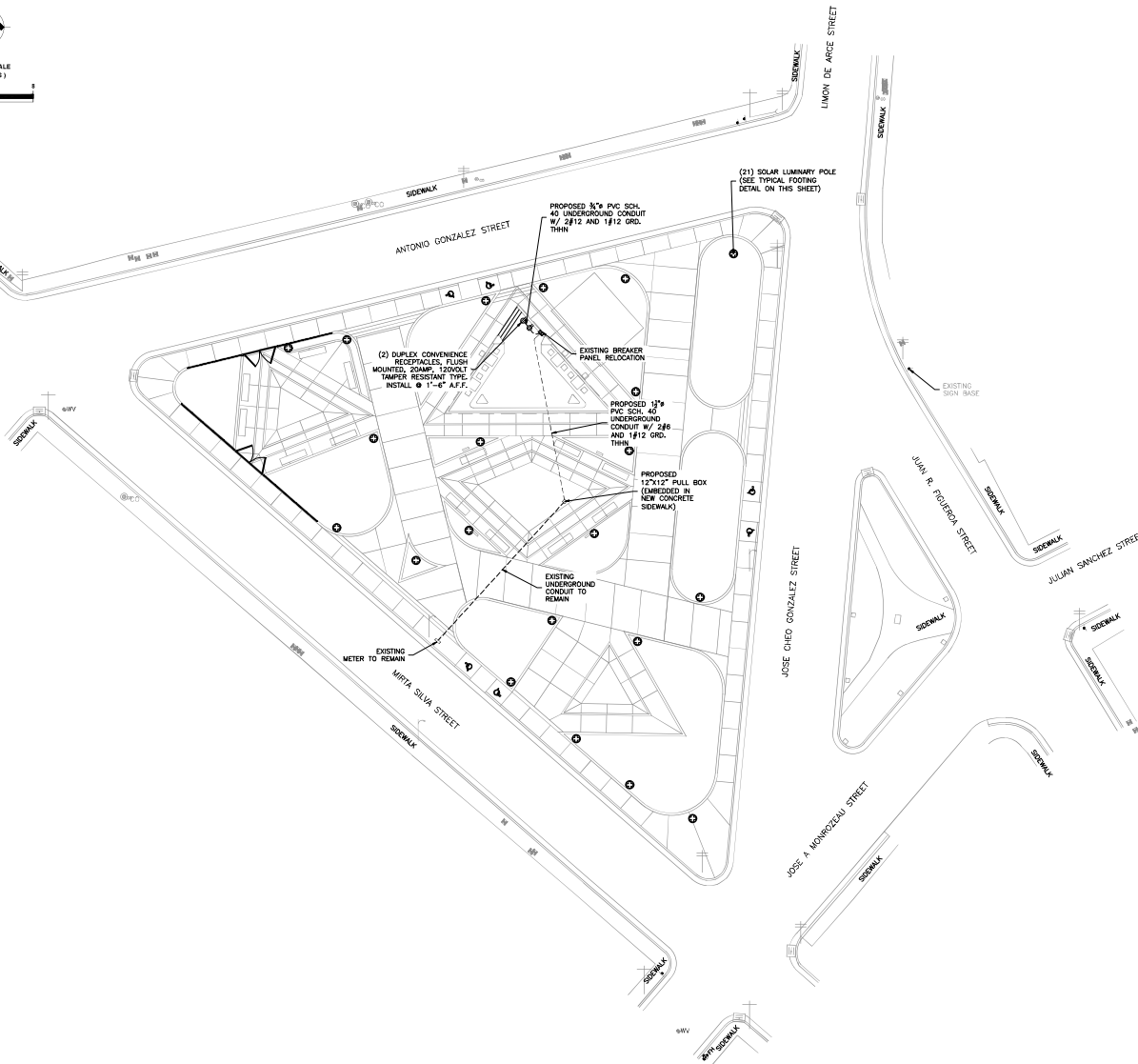
TYPICAL SKYLIGHT OPENING DETAIL
SCALE: 3/4"=1'-0"

DESIGNED BY: SMO	CHECKED BY: SMO
DRAWN BY: JAVIER	DATE: 1/2020
DATE: 1/2020	DATE: 1/2020





ELECTRICAL SITE PLAN
SCALE: 1:200

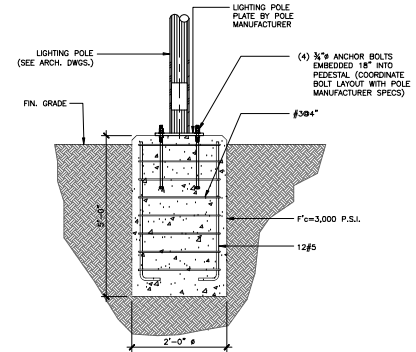


GENERAL NOTES:

- NO WIRE SHALL BE SMALLER THAN NO. 12 AWG. THIN/THIN BODY. ALL CONDUCTORS IN FEEDERS SCHEDULE ARE TYPE "THIN/THIN" EXCEPT AS INDICATED.
- NO CONDUIT SHALL BE SMALLER THAN 2/4 EXCEPT OTHERWISE INDICATED.
- INDICATED HEIGHTS ARE FROM CENTER OF BOX OR EQUIPMENT TO FIN. FLOOR EXCEPT AS OTHERWISE INDICATED.
- CONTRACTOR SHALL BALANCE ALL LOADS.
- ALL PANELS SAFETY SWITCHES ETC. SHALL BE MARKED IN SPANISH SO AS TO IDENTIFY THEIR USE AND LOCATED IN AN ACCEPTED AND APPROVED MANNER.
- ALL CONDUITS IN CONTACT W/ W/ORD SHALL BE PVC SCH 40, ENCASED IN 3" CONCRETE ENVELOPE.
- PROVIDE # NO. 12 THIN GREEN BONDING JAMMER BETWEEN THE OUTLET BOX GROUNDING SCREW AND ALL RECEPT. GRD. TERMINAL EXCEPT IN ISOLATED RECEPTS.
- CONTRACTOR SHALL CONNECT EQUIP. ACCORDING TO MFG'S SHOP DRAWING SHEETS AND RECOMMENDATIONS CONTRACTOR SHALL REQUEST FINAL EQUIP. LAYOUT AND SHOP DRAWING PRIOR TO CONSTRUCTION WORK, IN ORDER TO ESTABLISH EXACT LOCATION OF BOXES, CONDUIT TERMINATION AND OTHER EQUIPMENT AS SET OUT. ALL REQUIRED WIRE COUPLERS RECEPT. CONDUIT WIRE ETC. SHALL BE PROVIDED FOR THE PROPER AND FINAL EQUIPMENT CONNECTION.
- ROUTE OF CONDUITS SHOWN IN LAYOUT IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTERCONNECTIONS BETWEEN OUTLETS EXACT ROUTING SHALL BE DETERMINED AT JOB TO CONFORM W/ STRUCTURAL CONDITIONS.
- PROVIDE # 12 AND GALV. FISH WIRE IN ALL EMPTY CONDUIT.
- PROVIDE GROUND WIRE TO ALL BRANCH CIRCUITS.
- CONTRACTOR SHALL FULFILL WITH NEETS REQUIREMENTS IN ARTICLES 210.12 (FOR PROTECTION) AND 406.12 (TR RECEPTILES).

IMPORTANT NOTES:

- CONTRACTOR SHALL VERIFY BEFORE BID IF EXISTING ELECTRIC PANELS, EQUIPMENTS AND/OR SECONDARY FEEDERS INDICATED ON DRAWINGS ARE IN PLACE.
- CONTRACTOR IS RESPONSIBLE TO VISIT THE SITE (BEFORE BID) AND SUBMIT TO THE ARCHITECT, PROJECT SUPERVISOR OR OTHER REPRESENTATIVE (LICENSED ENGINEER ANY DISCREPANCY ON THESE DRAWINGS.
- CONTRACTOR SHALL SUBMIT SPECIFICATIONS OF MATERIAL, PREVIOUSLY APPROVED BY DESIGNER OR PROJECT SUPERVISOR OR OWNER REPRESENTATIVE (LICENSED ENGINEER).
- ALL WORKS SHALL BE COORDINATED WITH THE ARCHITECT, PROJECT SUPERVISOR OR OWNER REPRESENTATIVE (LICENSED ENGINEER) BEFORE AND DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO THE EXISTING UTILITIES DURING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL WORKS WITH OWNERS IN ORDER TO AVOID SERVICE INTERRUPTIONS.



SOLAR LUMINARY POLE FOOTING DETAIL
SCALE: 1"=1'-0"

PLAZA BUENOS AIRES

CITY: ARECIBO

PUERTO RICO

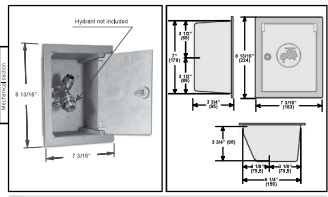
Vazquez Associates
 ENGINEERS ARCHITECTS INTERIORS
 1000 WEST AVENUE, SUITE 200
 SAN JUAN, PUERTO RICO 00906
 TEL: (787) 750-0000 FAX: (787) 750-0001
 WWW.VAZQUEZASSOCIATES.COM

ELECTRICAL SITE PLAN
 DATE: JANUARY, 2025
 SCALE: 1:200

DRAWING NO:
E-01
 SHEET NO:
25 OF 29

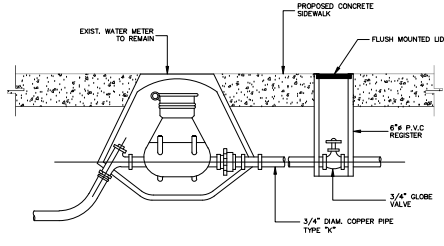
GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE DEPARTMENT OF HEALTH OF P.R., THE LOCAL BUILDING CODE, THE NATIONAL PLUMBING CODE (LATEST EDITION) AND THE SPECIFICATIONS (REVISED EDITION) PROJECT. ALL PIPING SHALL BE FITTED WITH EXPANSION RESTRAINTS AS FOR VIB. & P.C. LATEST EDITION.
2. SIZES SHOWN IN FUTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY WITH CODES REQUIREMENTS OR AS SHOWN IN THE DRAWINGS.
3. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING WATER SERVICE PIPE AND CONNECT TO IT WITH PROPER SIZE AS SHOWN IN THE DRAWING.
4. ALL HOOKS NOT EXPOSED SHALL BE PROVIDED WITH ACCESS IN THE WALL OR FLOOR FOR OPERATION AND MAINTENANCE.
5. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY OTHER CONTRACTORS.
6. ALL WATER PIPING BELOW GROUND SHALL BE TYPE "K" HARD DRAWN COPPER.
7. THE PLUMBING CONTRACTOR SHALL SECURE APPROVAL AND NOTICE FROM THE ARCHITECT AND STRUCTURAL ENGINEER FOR THE LOCATION OF PIPES INSIDE WALLS OR SLABS.
8. CONTRACTOR SHALL INSTALL A COMPLETE PLUMBING SYSTEM AS SHOWN IN DRAWINGS AND CALLED FOR IN THE SPECIFICATIONS.
9. SUBMIT FOR ENGINEER'S APPROVAL, LITERATURE OF PIPES MATERIAL, VALVES, FLOOR, DRAINS, FITTINGS, ETC BEFORE ORDERING.
10. THE CONTRACTOR SHALL PROVIDE PROTECTION FOR THE SURFACES OF ALL PLUMBING FITTINGS FROM DAMAGE BEFORE ORDERING AND AFTER THEIR INSTALLATION AND WITHIN THREE (3) DAYS OF COMPLETION AND ACCEPTANCE. CONTRACTOR AND SUBCONTRACTOR SHALL NOT USE PLUMBING FITTINGS FOR THE STORAGE OF TOOLS OR MATERIALS, NOR AS SUPPORTS OR PLATFORMS. EXCESS PROTECTION SHALL BE REMOVED DURING THE PERIOD OF CONSTRUCTION TO AVOID DAMAGE TO FITTINGS AND FITTINGS.
11. THE DRAWINGS ARE GENERALLY DIMENSIONING AND ARE INTENDED TO CONVEY THE SCOPE OF THE WORK AND INDICATE GENERAL ARRANGEMENT OF EQUIPMENT, PIPING AND FITTINGS.
12. THE APPROXIMATE ONLY, THE EXACT LOCATION NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE CONTRACTOR AT THE PROJECT SITE AND SHALL BE ILLUSTRATED IN THE REQUIRED SHOP DRAWING FOR THE ARCHITECT'S APPROVAL BEFORE ACTUAL INSTALLATION.
13. CONTRACTOR SHALL VERIFY IN THE FIELD ALL SHEETS AND MAKE ADJUSTMENTS AND MAKE ANY NECESSARY ADJUSTMENTS AS REQUIRED BY THE FIELD CONDITIONS, AND REQUIRED TO OBTAIN THE PROPER SLOPE.
14. THE CONTRACTOR SHALL VERIFY THAT ALL PIPING AND MAKE CONNECTIONS BE MADE WITH THAT OF OTHER BUILDING PROJECTS TO MAINTAIN IT PROPERLY AND MAKE CONNECTIONS BE MADE WITH THAT OF OTHER BUILDING PROJECTS TO MAINTAIN IT PROPERLY AND MAKE CONNECTIONS BE MADE WITH THAT OF OTHER BUILDING PROJECTS TO MAINTAIN IT PROPERLY.
15. ALL PIPING WELDS/SOLDER SHALL BE OF PHOSPHORUS FREE TYPE.
16. CONTRACTOR SHALL PERFORM PLUMBING RELATED INSTALLATIONS UNDER THE DIRECT SUPERVISION OF A "MASTER PLUMBER" AS A MEASURE TO GUARANTEE COMPLIANCE WITH APPLICABLE CODES AND INSTALLATION STANDARDS.
17. CONTRACTOR SHALL OBTAIN THE CERTIFICATION OF A "MASTER PLUMBER" AS PER LAW 8 OF FEBRUARY 2005. THIS CERTIFICATION SHALL ASCERTAIN THE CORRECTNESS OF THE INSTALLATION OF ALL PLUMBING FOR THE PROJECT.

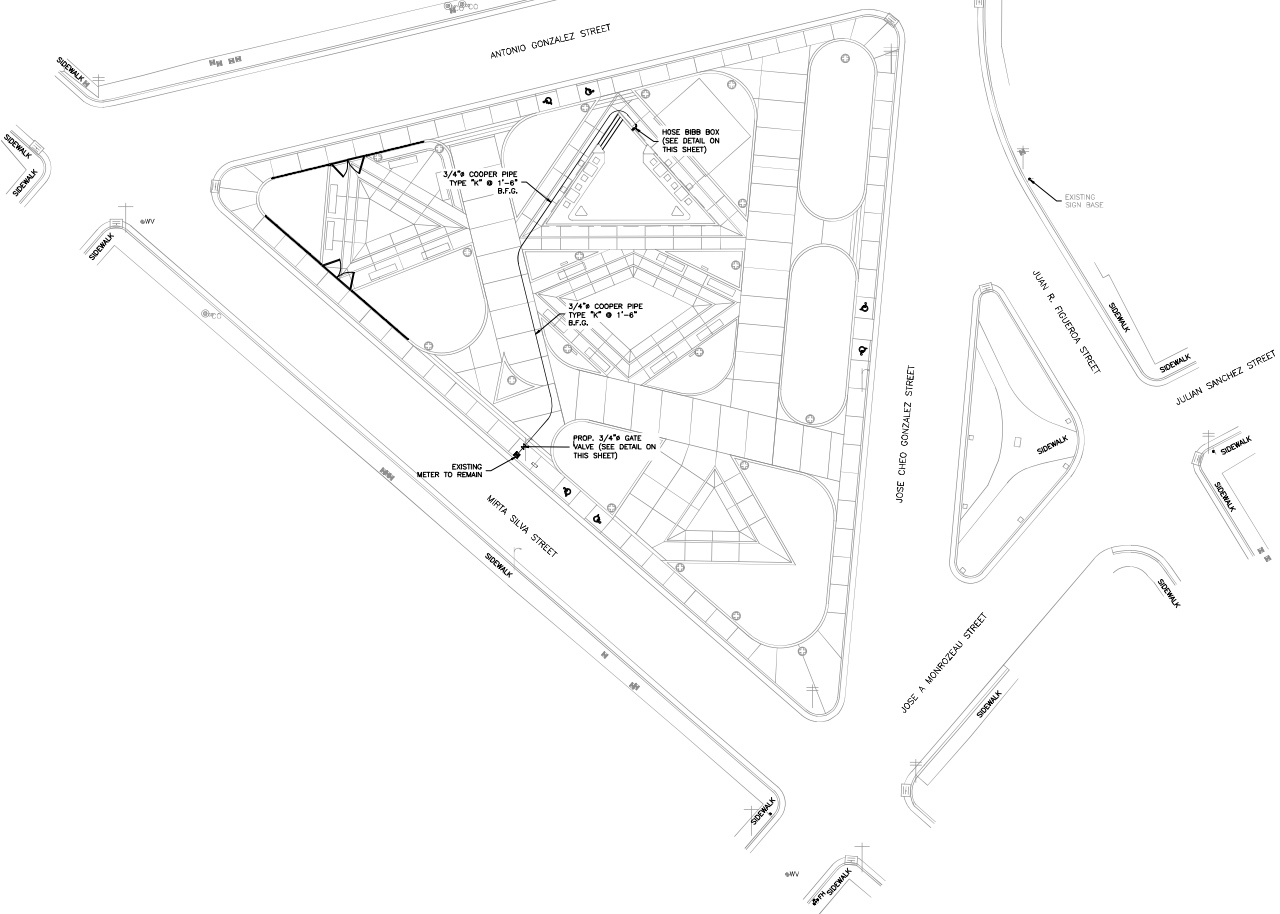
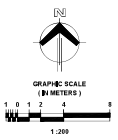


HOSE BIBB BOX DETAIL
NTS

- SUPPLY OPTIONAL VARIATIONS
- 1/2" Brass or Bronze
 - 1/2" Brass or Bronze
 - 1/2" Brass or Bronze
 - 1/2" Brass or Bronze



GATE VALVE CONNECTION DETAIL
NTS



PLUMBING SITE PLAN
SCALE: 1:200

PLAZA BUENOS AIRES
CITY: ARECIBO
PUERTO RICO

DESIGNED BY:	ENRICO OCHOA
DRAWN BY:	ENRICO OCHOA
CHECKED BY:	
DATE:	

Vazquez Associates
Engineering & Architecture
1000 W. COLLEGE AVE., SUITE 200
SAN JUAN, P.R. 00906
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PLUMBING SITE PLAN
DATE: JANUARY, 2025
SCALE: 1:200

DRAWING NO: **F-01**
SHEET NO: **26 OF 29**

Solar Garden Light BST-GGD-003 Specifications

Description

Solar Garden light uses solar panel with photovoltaic effect principle to receive solar radiation during the day, then converted into electrical energy, after that store in batteries by charge controller, while at night when the illumination gradually reduced to about 10LUX, the open circuit voltage of solar panels reaches the set value, the battery discharge current to the lamp when the battery is discharged to the set value, battery stops discharge, the solar light turned off. Or the next day when the illumination is higher than about 10LUX, controller controls charging and discharging, the battery discharge suspended, solar panel starts battery charging.

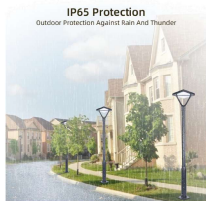


Design Features

- > With solar panel, battery, controller, LED all in one unit, beautiful and trendy appearance
- > 2000 deep cycle braed new LifePO4 lithium battery with service life more than 5 years
- > A+ solar panel's long lifespan, better performance, high efficiency
- > 80pcs SMD super bright white LEDs. Good consistency light color, high color render index, and low light decay.
- > High quality PC Lam shade, high light transmission rate, light color even soft without light spot.
- > Solar powered, electricity and wiring free.
- > Easily installed on existing pole.
- > IP Rating: IP65
- > 3 years Warranty

Specifications

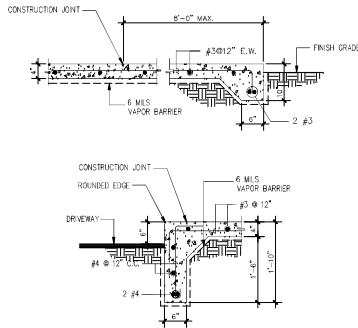
Model	BST-GGD-003	Autonomy	15h after full charge
Solar panel power	5V 20W	Material	Aluminium housing + PC diffuser
Solar panel type	Monocrystalline	Unit size	400x400x4.2mm
Solar module efficiency	20%	pole mounting diameter	Ø76
Light source	80pcs SMD2835 white LEDs	Units per package	1pcs
Color temperature	3000-6500K (5600K factory default)	Package size	405 x 405 x 200 mm
Color Index(CRI)	Ra > 80	Net Weight	4.9 Kg
Battery	3.2V 20000mAh LifePO4	G.W.	5.5 Kg
Life span of battery	2,000 cycles	Operating temperature	-20°C ~ +50°C
Charge time	3-5H	Protection class	IP65
Working mode	Automatically on at night, off it day	Color	frosted black
Switch function	ON/OFF	Warranty	3 years



LIGHTING SOLAR POLE DETAIL (TYP.)

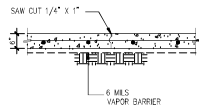
SCALE: 3/4"=1'-0"

*ALL THE COMPONENTS MAY BE THE SAME OR EQUIVALENT TO THE PROPOSED
*THE RECOMMENDED HEIGHT IS 10 FEET OR MORE, DEPENDING ON THE FACTORY'S LIGHTING STUDY.



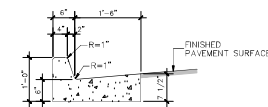
SIDEWALK DETAILS (TYP.)

SCALE: 3/4"=1'-0"



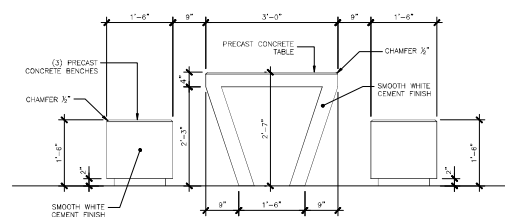
CONSTRUCTION JOINT DETAIL

SCALE: 3/4"=1'-0"



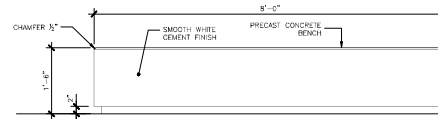
CURB AND GUTTER DETAIL

SCALE: 1"=1'-0"



PRECAST CONCRETE TABLE DETAIL (TYP.)

SCALE: 3/4"=1'-0"

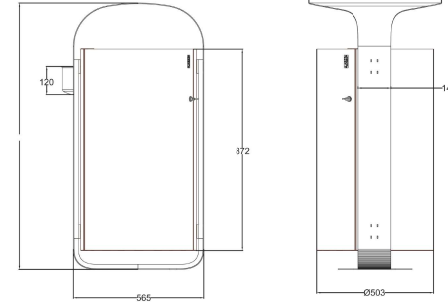
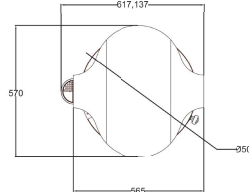


PRECAST CONCRETE BENCH DETAIL (TYP.)

SCALE: 3/4"=1'-0"

*ALL THE COMPONENTS MAY BE THE SAME OR EQUIVALENT TO THE PROPOSED

FLUXC01 Fluxus cestino



PROPOSED TRASH CAN DETAIL (TYP.)

SCALE: 3/4"=1'-0"

*ALL THE COMPONENTS MAY BE THE SAME OR EQUIVALENT TO THE PROPOSED



PLAZA BUENOS AIRES

PUERTO RICO

CITY: ARECIBO

NO.	REVISION	DATE	BY	CHK	APP



GENERAL DETAILS

DATE: JANUARY, 2025

SCALE: 1:200

DRAWING NO:
GD-01
SHEET NO:
27 OF 29

