



U.S. Department of Housing and Urban Development

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Washington, DC 20410
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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: Plaza Santo Domingo and Plaza Francisco Mariano

Responsible Entity: Puerto Rico Department of Housing

State/Local Identifier: PR-CRP-000876

Preparer: William Sarriera, ACE Environmental, Inc.

Certifying Officer Name and Title:

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Priscilla Toro-Rivera - Permits and Environmental Compliance Specialist

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

Consultant (if applicable): ACE Environmental, Inc., PO Box 1005, Boquerón, PR 00622-1205
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Direct Comments to: Puerto Rico Department of Housing at environmentcdbg@vivienda.pr.gov

Project Location: Plaza Santo Domingo and Plaza Mariano Quiñones
Municipality of San Germán, Puerto Rico 00683.

Refer to Exhibit 1 Site Location Map.

Plaza Santo Domingo @Belvis, Félix Arce Lugo, Yamil Galib and Carro streets
Coordinates 18.0819, -67.0420

Cadaster Nos.: 334-034-032-01-000 & 334-034-033-01-000

Plaza Mariano Quiñones @ Padre San Agustinos, Ruiz Belvis, De la Cruz streets
Coordinates 18.0822, -67.0431

Cadaster No.: 334-034-019-01-000

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

The Municipality of San Germán proposes the rehabilitation of the two most prominent public spaces in the city: Plaza Santo Domingo and Plaza Francisco Mariano Quiñones. Both squares make up the urban "backbone" of the town, they run in an east-west direction, are linked by the Ruiz Belvis Street and around by several of the most emblematic structures of "La Ciudad de las Lomas": the Church of San Germán de Auxerre, Porta Coeli, the original City Hall and notable residences, among them, the old House of Waldemar Morales in the "Queen Ann" architectural style, the house of Ernestito Quiñones and the so-called Casa de las Bahr. Both squares are longitudinal and are bordered by streets on all four sides. Mariano Quiñones Square is surrounded by Padres Agustinos, Ruiz Belvis, De la Cruz streets and a street space without its own name in front of the former mayor's office. Both squares are longitudinal and are bordered by streets on all four sides. the project footprint includes the two plazas and the original footprint surrounding the immediate streets and sidewalks as delimited in the project's plans. No other areas beyond this footprint will be impacted. Plaza Santo Domingo is surrounded by Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Mariano Quiñones covers 12,755.2 square feet; the Plaza de Santo Domingo comprises 13,013.6 square feet.

The proposed intervention for Mariano Quiñones Plaza and Santo Domingo Plaza —the pair of emblematic public spaces in San Germán—comprises improvements within their perimeter as well as in the surrounding streets and sidewalks, as delimited in the project's plans. The project respects the general appearance of both spaces, maintaining and repairing their paving, planters, vegetation, and sculptural elements; also restoring most existing materials and finishes. In parallel, selective technical and aesthetic improvements are incorporated for better functionality and appearance, including new lighting posts and benches. In Mariano Quiñones Plaza, a gazebo will be re-incorporated to evoke one that previously existed there to encourage varied programming of various public activities. In Santo Domingo Plaza, we propose placing a pedestal clock that, visible from both plazas, will strengthen the spatial connection between them. At its east and west ends, new benches will be added for the enjoyment of the surrounding architecture. The footprint of each plaza will remain as is, not increased or reduced. The project includes construction work, repairs, improvements, material removals, and minor excavations in both plazas, partially intervening in surrounding streets, intersections, sidewalks, curbs, and gutters. The specific nature of the work to be carried out is detailed in the project's construction documents. As part of the project, safety measures will be implemented in compliance with federal and local regulations for pedestrians, cyclists, and vehicular traffic in this area.

Level of Environmental Review Determination:

The proposed projects is Categorically Excluded per 24 CFR 58.35(a) (3) (iii), and subject to §58.5: (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).

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001	CDBG-DR	\$11,938,612,230
B-18-DM-72-0001		
B-19-DP-78-0002		
B-18-DE-72-0001		

Estimated Total HUD Funded Amount: \$3,646,462.12

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$3,646,462.12

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 or 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 mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The project site is located 73,806 feet northwest from the nearest civilian airport Mayagüez Eugenio Maria de Hostos Airport (MAZ) in Mayagüez, PR. The closest military airport is Luis Muñoz Marín International Airport (SJU) 378,259 feet northeast from the project site.</p> <p>Project is not located within 15,000 feet of a military airport or 2,500 feet of a civilian airport. It is not located within an Airport Clear Zones and Accident Potential Zones. It will not be impacted by civilian or military airports; and will have no impact on any airports. The project is in compliance with the HUD's Airport Hazard regulations. No further evaluation is required.</p> <p>Source Document: Exhibit 2 - Map depicting airports and heliports within the project Site.</p>

		Reference: Federal Aviation Administration (FAA) https://adds-faa.opendata.arcgis.com/
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"/>	The project is not located in a coastal barrier resource area. The nearest coastal barriers system PR-65P is located approximately 39,230 feet south from site. This project has no potential to impact a CBRs Unit and is in compliance with the Coastal Barrier Resources Act. No further evaluation is required. Source Document: Exhibit 3 – Coastal Barriers Resources Map depicting coastal barriers resources within the project site. Reference: U.S. Fish and Wildlife Service Coastal Barriers Resources Mapper https://fwsprimary.wim.usgs.gov/CBRMapper-v2/ . https://fwsprimary.wim.usgs.gov/rest/directories/arcgisoutput/ExportWebMap_GPServer_ags_ec99b9996d9743df974abf8db31b0d25.pdf
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"/>	The Project site is not within the floodplain. It is located within FEMA designated Zone X Unshaded (an area of minimal flood hazard) as per Flood Insurance Rate Map 72000CO1560J. Effective Date: November 18, 2009. Floodplain insurance will not be required for the project facilities. The project is in compliance with the requirements of the Executive Order 11988, particularly section 2(a); 24 CFR Part 55. Source Document: Exhibit 4 FIRMette Reference: Flood Insurance Rate Map 72000CO1560J. Effective Date: November 18, 2009.
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"/>	The Project site is not located in county or air quality management district in a non-attainment or maintenance status for all criteria pollutants. Project site is located about 33 miles from the Arecibo Lead non-attainment area, 60 miles from

		<p>the nearest SO² non-attainment area and 52 miles from the PM₁₀ maintenance Area. The Project is in compliance with the requirements of the air quality regulations and the Clean Air Act. No further evaluation is required.</p> <p>Reference: Exhibit 5 – Air Quality Map Exhibit 5A - Source: U.S. EPA Air Quality Non-attainment Areas (Shapefile) – NEPAassist Tool https://nepassisttool.epa.gov/nepaassist/nepamap.aspx USEPA Nonattainment and Maintenance Area Dashboard https://edap.epa.gov/public/extensions/S4S_Public_Dashboard_1/S4S_Public_Dashboard_1.html</p>
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The Project is located approximately 31,680 ft from the southwest shoreline of Puerto Rico. It will not a Coastal Zone as defined in the Puerto Rico Coastal Zone Management Plan. The Project is in compliance with the Coastal Zone Management Act.</p> <p>Reference: Exhibit 6 – Municipalities and Coastal Sectors Map Source: Puerto Rico Planning Board, Puerto Rico Coastal Zone Management Program – Final EIS 1978 Estudios Técnicos, Inc. Puerto Rico Coastal Zone Management Program Revision and Update</p>
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	<p>A search of the NEPAassist database identified regulated sites within a 3,000-foot radius of the project site. As part of the environmental assessment, multiple evaluations were conducted to determine the presence of Recognized Environmental Conditions (RECs), underground storage tanks (USTs), Lead-based paint (LBP), and asbestos-containing materials (ACM) within the site. The findings of these evaluations are detailed below.</p> <p>The proposed project site is not listed on an EPA Superfund National Priorities or CERCLA List, or equivalent State list; and it's not located within 3,000 feet of a hazardous or non-hazardous solid waste landfill site.</p>

		<p>Based on a review of the EPA's ECHO database, several regulated facilities are located around the project site in a 3,000 ft buffer zone. After reviewing the detailed facility reports, none of these facilities would pose a contamination hazard or non-compliance issues to the proposed project.</p> <ul style="list-style-type: none">• No Significant Violations: None of the facilities have reported significant violations or enforcement actions within the last three years.• No Recent Penalties or Noncompliance: All reviewed facilities show zero quarters in noncompliance during the last three-year monitoring period and no penalties or enforcement fines have been assessed.• No Hazardous Releases Reported: There are no records of hazardous waste discharges, toxic releases, or air/water emissions that could impact the project site.• Upgradient/Distanced Facilities: Based on geospatial review and location data, the facilities are either downgradient or at a safe distance from the project site, minimizing any risk of contaminant migration.• Permit Compliance: Facilities have with no active violations. <p>A review of available records, including EPA-provided mapping data, indicates that no open underground storage tanks (USTs) are present within a 3,000-foot radius of the project site. Based on this information, there are no known USTs that could present a potential environmental concern for the proposed project. Refer to Exhibit 7L for USTs Map.</p> <p>An on March 18, 2023, an Asbestos Containing Material (ACM) inspection was performed by Zimmetry Environmental Management CORP, DRNA/AHERA certified-asbestos inspector. No ACM was identified in the inspection. On the same day, an inspection conducted by Zimmetry Environmental Management CORP, DRNA/AHERA certified inspector for Lead-based paint (LBP) identified in several elements of the project site for which a mitigation plan will be implemented. Refer to Exhibit 7M & Exhibit 7N.</p> <p>Regarding Radon, HUD issued Notice CPD-23-103 on January 11, 2024, requiring the consideration of radon in the Environmental Review process for all HUD-funded projects.</p>
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<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 review of US Fish and Wildlife Service IPAC Website Database for the Project site provided a resource list of endangered species that might potentially be affected by the proposed. The list only identified the Puerto Rican Boa (<i>Epicrates inornatus</i>) and the Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>). There are no critical habitats at this location for the Puerto Rican Boa. However, the USFWS indicates the proposed project site overlaps an area identified as critical habitat for the Yellow-shouldered Blackbird. None of the endangered species listed above were observed within the Project area.</p> <p>The proposed project area was visited on February 1, 2023, and May 31, 2024. The site is completely developed. During site visit to the project site (February 1, 2023, and May 31, 2024) the Puerto Rican Boa (<i>Epicrates inornatus</i>) and the Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>) were not observed. It is important to note that no bird nests were observed at any of the existing trees on both the plazas.</p> <p>USFWS biological assessment concluded that the project would have no effect on the Puerto Rican Boa (<i>Epicrates inornatus</i>) and issued a No Effect Determination, dated February 14, 2024.</p> <p>The project activity will be conducted in a fully developed urban area and thus would have no effect on any natural habitats or federally protected species. The project site and its surroundings are entirely developed, lacks suitable tree coverage, therefore does not support the Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>) habitat requirements. USFWS biological assessment concluded that the project would have no effect on the Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>) and issued a No Effect Determination, dated February 14, 2024.</p> <p>The Project does not require further any further consultation/coordination under Section 7. The proposed activities are covered by the USFWS Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development of January 14 of 2013.</p>
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<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 hazardous facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage facilities. The project would not include development, construction, rehabilitation that will increase residential densities, or conversion. The project would not increase the number of people that would be</p>

		<p>exposed to flammable or explosive hazards. The project is in compliance with the requirements of the regulations. Examination of the aerial views and street views shows no above ground storage tanks within the acceptable separation distance.</p> <p>Reference: Exhibit 9 Explosive and Flammable Hazards Map Source: USEPA Enviro Mapper: https://geopub.epa.gov/myem/efmap//index.html?ve=13,47.236778259277344,-122.35669708251953&pText=Fife,%20WA</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>The Project site consists of completely developed urban land. Project does not include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use. The project is in compliance with the requirements of the Farmland Protection regulations.</p> <p>Reference: Exhibit 10 Farmland Protection Map Source: United States Department of Agriculture, Natural Resources Conservation Services. Web Soil Survey. Internet Web Site: https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not in the floodplain, as indicated on the Advisory Base Flood Elevation map. The project site is within the Zone X Unshaded area of minimal flood hazard.</p> <p>The Project is in compliance with Executive Order 11988, particularly section 2(a); 24 CFR Part 55. No formal compliance steps or mitigation are required. See Base Flood Elevations (ABFE) map included in Exhibit 11.</p> <p>Reference: Exhibit 11 Floodplain Management Map Source Document: Advisory Base Flood Elevation (ABFE) Map for FIRM Panel No. 72000CO1560J.</p>
<p>Historic Preservation</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Consultation with the Puerto Rico State Historic Preservation Office (PRSHPO) regarding the Department of Housing of Puerto Rico (PRDOH) Program was initiated on April 30 24, 2024, with</p>

<p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>		<p>a letter indicating that PRDOH contracted Horne Federal LLC to provide environmental registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs. On June 12, 2025, the PRSHPO concurred with a finding of No Adverse Effect upon historic properties conditioned to archaeological monitoring during all ground disturbing activities for the project.</p> <p>An archaeological monitoring work plan was submitted to the PRSHPO on July 28, 2025. The PRSHPO concurred with the work plan on August 19, 2025, provided notification to the PRSHPO before 48 hours prior the initiation of the ground disturbing activities.</p> <p>This project is in compliance with Historic Preservation requirements.</p> <p>Reference: Refer to Exhibit 12 for Historic Preservation supporting documents.</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 proposed project does not involve establishment of new residences, an increase in residents, or introduction of other noise sensitive uses. The project does not require further evaluation under HUD's noise regulation. The noise that will be produced during construction is generated by the operation of construction equipment. All equipment and machinery will have noise dampers maintained in accordance with manufacturer's recommendations to control noise generation. Construction activities will be conducted during the day and have minimal impacts on the neighboring community. The noise levels attributable to construction activities will be temporary in nature and is not expected to exceed 65 dBA.</p> <p>Therefore, the project complies with Noise Abatement and Control requirements.</p> <p>Reference: Source: U.S. Department of Housing and Urban Development: The Noise Guidebook Environmental Planning Division, Office of Environment and Energy. September 1900. U.S. Department of Housing and Urban Development Environmental Criteria and Standards. 24 CFR Part 51.</p>

<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. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with Sole Source Aquifer requirements.</p> <p>Reference: Exhibit 13 – Sole Source Aquifer Map</p> <p>Source: https://map23.epa.gov/arcgis/rest/directories/arcgisoutput/Utilities/PrintingTools_GPServer/ags_9c10e62e-d70e-11ed-91d8-00505684bb18.pdf.</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 Map the proposed project is not located within wetland areas. The closest wetland is about 1,302 ft north of the project site. Therefore, the proposed project is in compliance with the Wetlands Protection regulations.</p> <p>Reference: Exhibit 14 – Wetlands Map</p> <p>Source: https://fwsprimary.wim.usgs.gov/server/rest/directories/arcgisoutput/Utilities/PrintingTools_GPServer/ags_3eb2adbe520c4b0eaf8f6c44f9450d0a.pdf</p> <p>NEPAssist Tool Analysis https://nepassisttool.epa.gov/nepassist/nepamap.aspx</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 (3) rivers are designated as wild & scenic. These rivers are Rio de la Mina, Rio Icacos and Rio Mameyes. The proposed project is located approximately at 80 miles or 422,400 ft to the southwest of the Icao River. No wild and scenic rivers are located within the Municipality San German, PR. The Project is in compliance with the requirements of the regulations.</p> <p>Reference: Exhibit 15 - Wild and Scenic Rivers Map.</p> <p>Source: National Wild and Scenic Rivers System https://www.rivers.gov/puerto-rico.php.</p>

Field Inspection (Date and completed by):

A field reconnaissance took place at the proposed project site by William Sarriera, ACE environmental, on February 1, 2023, May 5, 2023, and May 31, 2024, with the intent of evaluate environmental aspects. No recognized environmental conditions (RECs) were identified within the project site. The inspection did not reveal any evidence of contamination related to hazardous substances or petroleum products, such as leaking storage tanks, improperly disposed chemicals, or malfunctioning equipment that could release contaminants into the environment. All other environmental aspects related to the proposed action have been summarized in the Environmental Assessment statutory form. Refer to Exhibit 16.

Summary of Findings and Conclusions:

The proposed activity has been found to not have any adverse effects on the environment nor is there the requirement for further consultation with federal agencies associated with the topics evaluated above. There is no environmental review topics addressed above that result in the need for additional formal compliance steps with federal agencies or the requirement for mitigations other than those listed below. There may be additional approvals or permits from local agencies. For example, the Office of Permit Management (OGPe) is responsible for granting permits, licenses, certifications, consultations, construction, and any other procedure necessary for business development and land use in Puerto Rico. In addition, the Project is anticipated to provide overall beneficial effect to the Municipality of San Germán by addressing the recreational needs of the community residents and visitors.

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
Endangered Species	Conservation measures for the Puerto Rican Boa need to be implemented if the Boa is encountered during construction. If a Puerto Rican boa or the Yellow-shouldered Blackbird is found in the project activity site, work shall cease until the Boa or Yellow-shouldered Blackbird moves off on its own.
Solid Waste Disposal / Recycling	Salvaging/recycling of materials should be as determined feasible with other program requirements. A solid waste management plan should be developed and implemented.
Ground disturbance / Soil Suitability / Slope/ Erosion / Drainage / Storm Water Runoff	The project design will comply with current federal and state codes related to ground disturbance, erosion control and stormwater runoff. During construction activities, and in compliance with the USEPA NPDES Construction General Permit or the local stormwater runoff control regulations, the applicant will implement a Stormwater

	Pollution Prevention Plan that will include structural and non-structural BMPs to keep sediment in place (erosion control) and to capture any sediment that is moved by stormwater before it leaves the site (sediment control). There would be no significant permanent changes to the site that would affect drainage, or stormwater runoff.
Historic Preservation	An Archaeological Monitoring Plan prepared and concurred by PRSHPO. The project would include archaeological monitoring of any ground disturbing activities and excavations, following the direction of the PRSHPO-approved monitoring plan. PRSHPO would be notified of the archaeological monitoring start date 48 hours prior to the initiation of work.

Determination:

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

Signature:  Date: 18NOV2025

Name/Title/Organization: William Sarriera / Consultant / ACE Environmental
Sol Vanessa Rosa / Env Reviewer / Tetra Tech

Certifying Officer Signature:  Date: 11/18/2025

Name/Title: Priscilla M. Toro Rivera/ Environmental Specialist

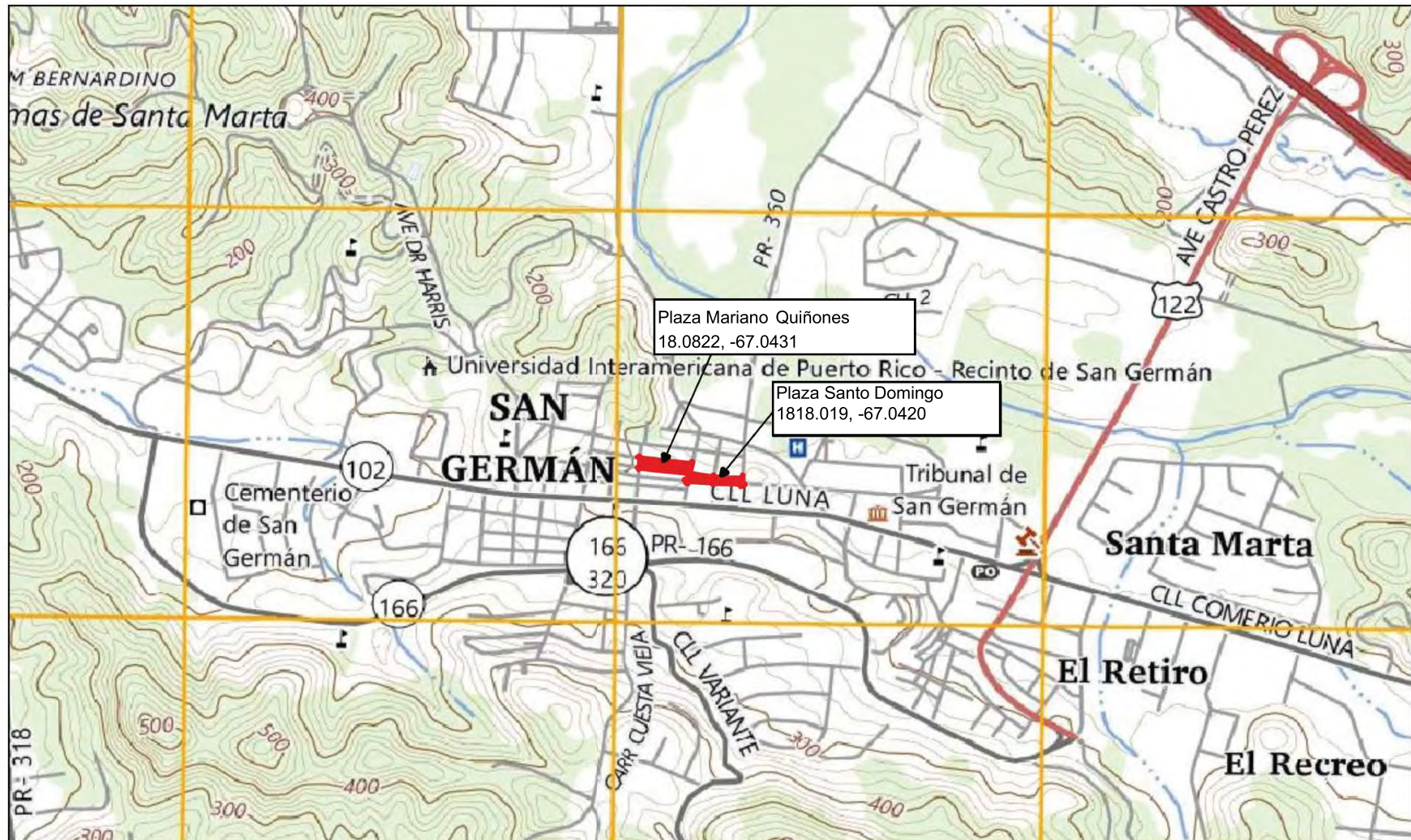
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

List of Exhibits and Agency Documents

- Exhibit 1** Location Map
- Exhibit 2** Airport Hazards Map
- Exhibit 3** Coastal Barrier Resources Act Map
- Exhibit 4** Flood Insurance Map
- Exhibit 5** Air Quality / Puerto Rico Nonattainment/Maintenance Status Map
- Exhibit 5A** Air Quality / Puerto Rico Nonattainment/Maintenance Status
- Exhibit 6** Coastal Zone Management Map
- Exhibit 7** Toxic and Contamination Substances Map
 - Exhibit 7A Detailed Facility Report
 - Exhibit 7B Detailed Facility Report
 - Exhibit 7C Detailed Facility Report
 - Exhibit 7D Detailed Facility Report
 - Exhibit 7E Detailed Facility Report
 - Exhibit 7F Detailed Facility Report
 - Exhibit 7G Detailed Facility Report
 - Exhibit 7H Detailed Facility Report
 - Exhibit 7I Detailed Facility Report
 - Exhibit 7J Detailed Facility Report
 - Exhibit 7K Detailed Facility Report
 - Exhibit 7L Detailed Facility Report
 - Exhibit 7M Detailed Facility Report
 - Exhibit 7N Detailed Facility Report
 - Exhibit 7O Detailed Facility Report
 - Exhibit 7P Detailed Facility Report
 - Exhibit 7Q Detailed Facility Report
 - Exhibit 7R Detailed Facility Report
 - Exhibit 7S USTs Map
 - Exhibit 7T Asbestos-Containing Material Inspection Report
 - Exhibit 7U Lead-Based Paint Inspection Report
 - Exhibit 7V Radon Memorandum and agency correspondence

Exhibit 8	Critical Habitat Map
Exhibit 8A	Endangered Species Supporting Document
Exhibit 9	Explosive and Flammable Hazards Map
Exhibit 10	Farmland Protection Map
Exhibit 11	Base Flood Elevations (ABFE) Map
Exhibit 12	Historic Preservation
Exhibit 13	Sole Source Aquifers Map
Exhibit 14	Wetland Map
Exhibit 15	Wild and Scenic Rivers Map
Exhibit 16	Field Inspection Reports


Exhibit 1: SITE LOCATION MAP



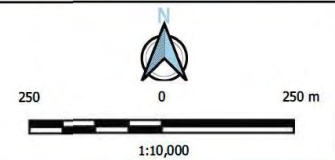
Reference:
7.5-Minute Series Quadrangle of San Germán, PR 2024
Scale: 1:20,000
U.S. Department of Interior. U.S. Geological Survey.
Source:
U.S. Geological Survey. The National Map US Topo
<https://ngmdb.usgs.gov/topoview/viewer/#15/18.0841/-67.0421>
Author: Edgar Vázquez Date: October 30, 2024

Site Location Map
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

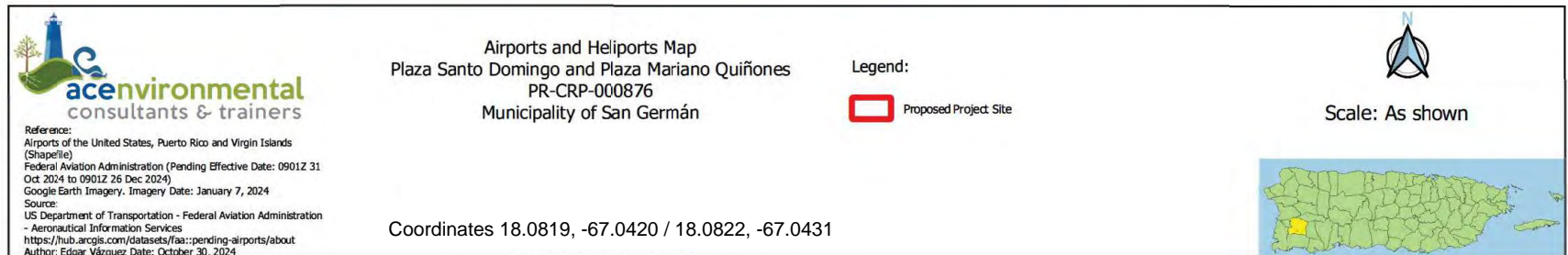
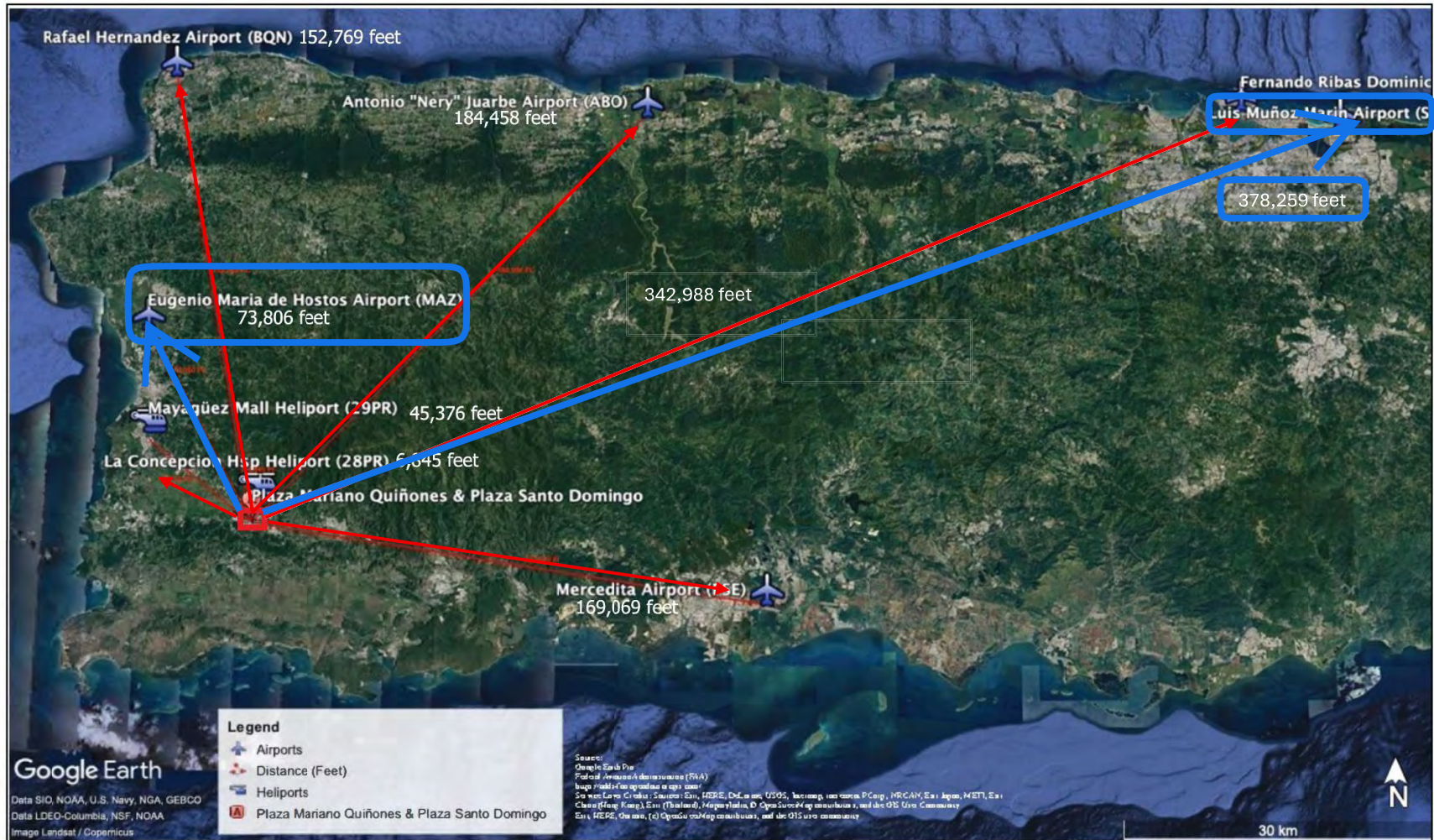
Legend:

 Proposed Project Site

Reference: 7.5-Minute Series Quadrangle of San Germán, PR 2024



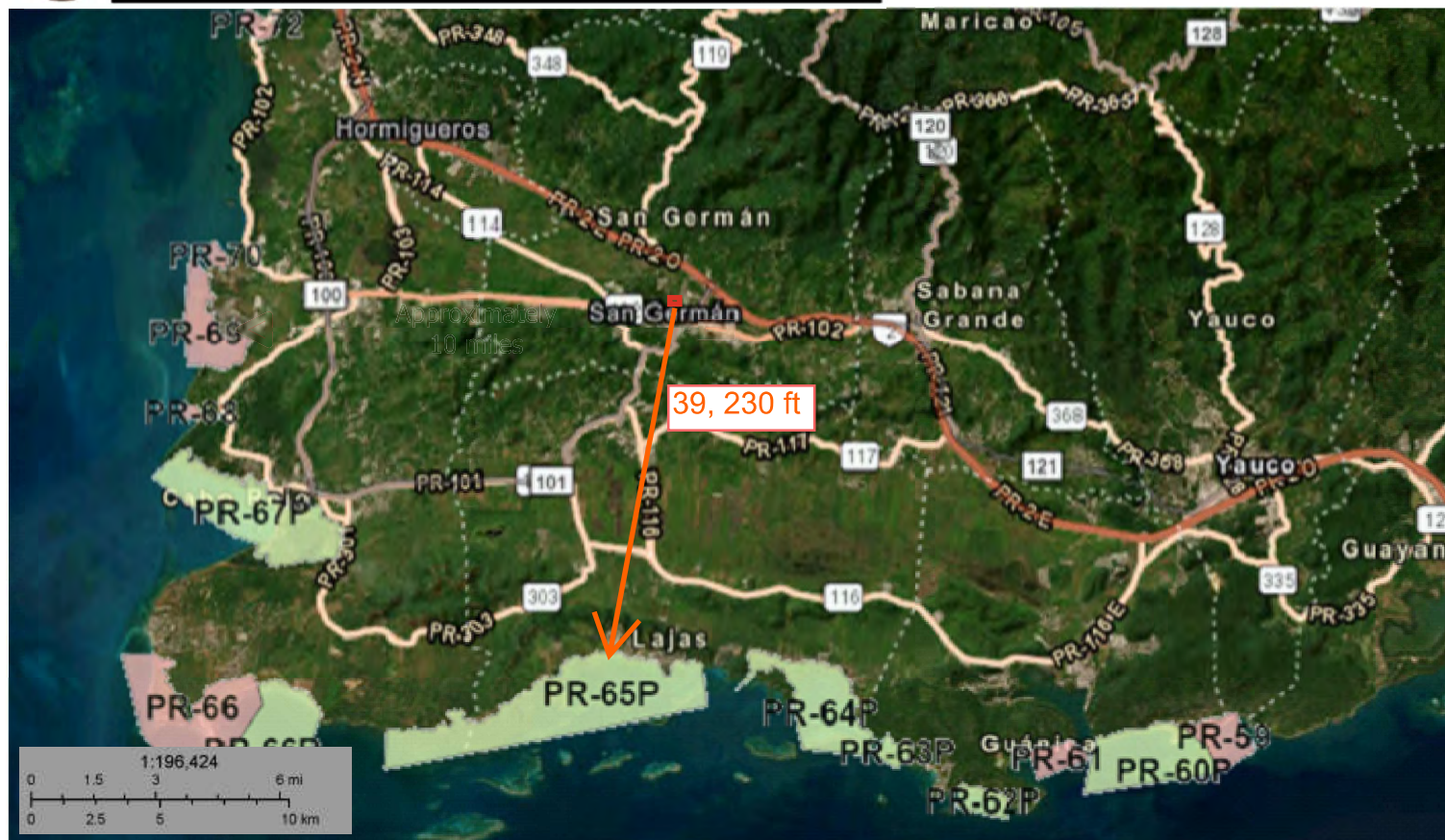
PR-CRP-000876 PLAZA SANTO DOMINGO and PLAZA MARIANO QUIÑONES
Exhibit 2: AIRPORTS AND HELIPORTS MAP





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

PR-CRP-000876



October 30, 2024

CBRS Units

- Otherwise Protected Area
- System Unit

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

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

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

This page was produced by the CBRS Mapper



Exhibit 3
Coastal Barrier Resources Map
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

Legend:

- Proposed Project Site



Scale: As shown

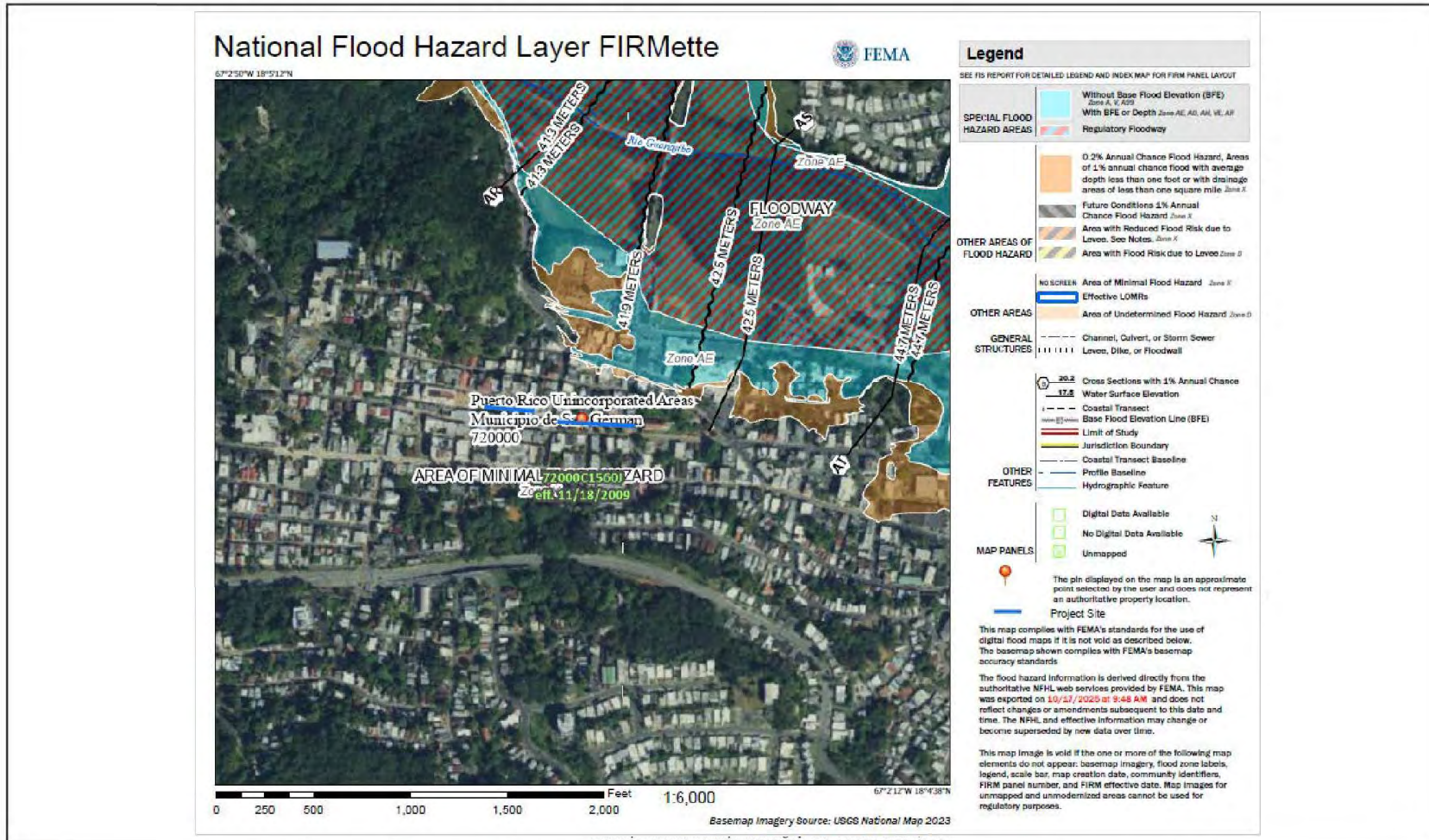
Reference:
Coastal Barrier Resources Map, US Fish & Wildlife Service
Source:
US Fish & Wildlife Service Coastal Barrier Resources Mapper
https://fwsprimary.wim.usgs.gov/server/rest/directories/arcgisoutput/ExportWebMap_GPServer/_ags_ec99b9996d9743df974abf8db31b0d25.pdf

Revised SVR - T1



Exhibit 4 Flood Insurance Map

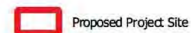
Coordinates 18.0819, -67.0420 / 18.0822, -67.0431



Reference:
Flood Insurance Rate Map Panel No. 72000C15601, Effective Date:
April 19, 2019
Source:
FEMA Flood Map Service Center
<https://msc.fema.gov/portal/home>
Author: Edgar Vázquez Date: October 30, 2024

Flood Zones Map
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

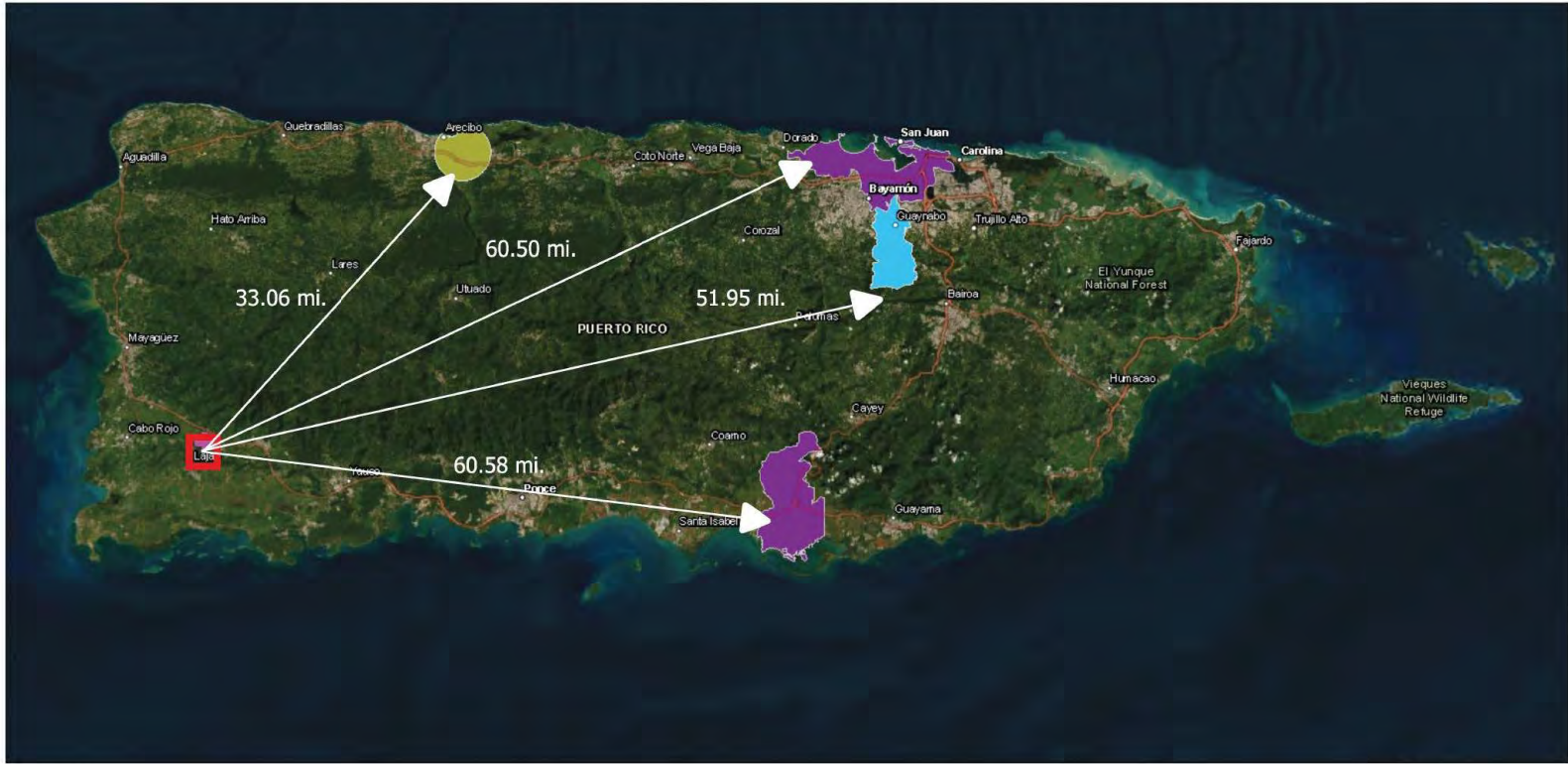
Legend:



Scale: As shown



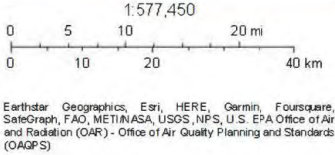
PR-CRP-000876 PLAZA SANTO DOMINGO and PLAZA MARIANO QUIÑONES
Exhibit 5: AIR QUALITY MAP



April 9, 2023

- Search Result (point)
- SO2 1-hr (2010 standard) PM10 (1987 standard)
- Lead (2008 standard)
- Nonattainment
- Maintenance
- Nonattainment


<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>



Reference:
EPA Air Quality Non-Attainment Areas (Shapefile) - NEPAassist Tool

Source:
United States Environmental Protection Agency (EPA)
NEPAassist Tool
<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

Air Quality Map (Non-Attainment Areas)
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

Legend:
 Proposed Project Site



Scale: As shown



PR-CRP-000876 Plaza Santo Domingo and Plaza Francisco Mariano
San Germán PR 00683
Coordinates 18.0819, -67.0420 / 18.0822, -67.0431

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](#)

Data is current as of May 31, 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:
PUERTO RICO

Important Notes

Download National Dataset: dbf | xls

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																													//		Part	32,185	72/013		
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR																													//		Part	22,921	72/021		
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR																													//		Whole	28,140	72/033		
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09																					02/11/2010	Moderate	Part	90,470	72/061									
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR																													//		Part	23,802	72/061		
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR																													//		Part	23,401	72/123		
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR																													//		Part	147,963	72/127		
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR																													//		Part	52,441	72/137		

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

Legenda - Map Key:

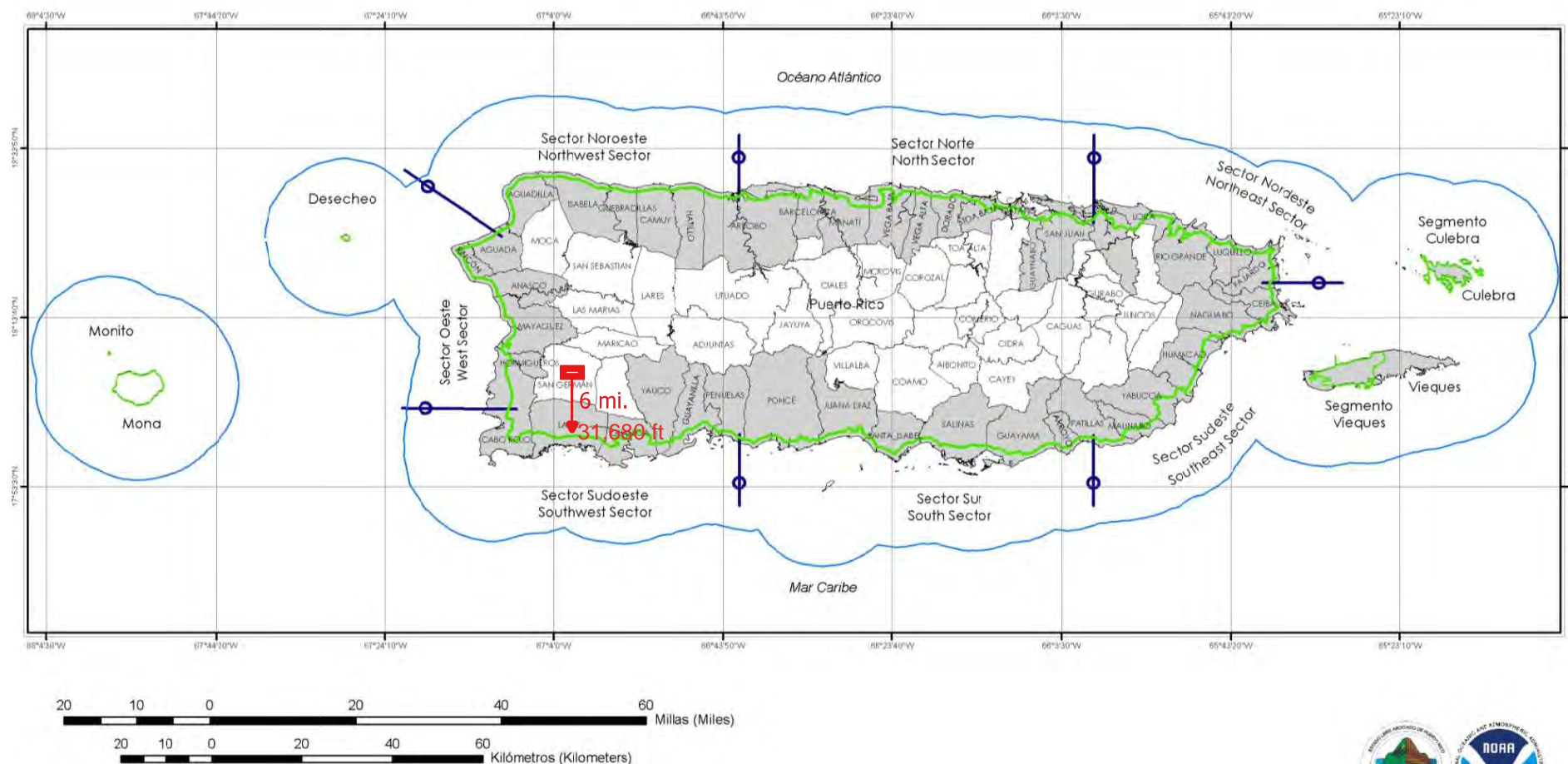
Municipios costeros - Coastal Municipalities

Límite de la zona costanera tierra adentro -
Coastal Zone Inland Boundary

Límite de la zona costanera marina (9 millas náuticas)-
Coastal Zone Maritime Boundary



Escala - Scale 1:860,000



Fuente de Información - Source:

Puerto Rico Coastal Zone Management Program - Final EIS, 1978
Junta de Planificación de Puerto Rico




Programa de Manejo de la Zona Costanera
Coastal Zone Management Program



Exhibit 6 Coastal Zone Map
Coastal Zone Management
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

Legend:

 Proposed Project Site



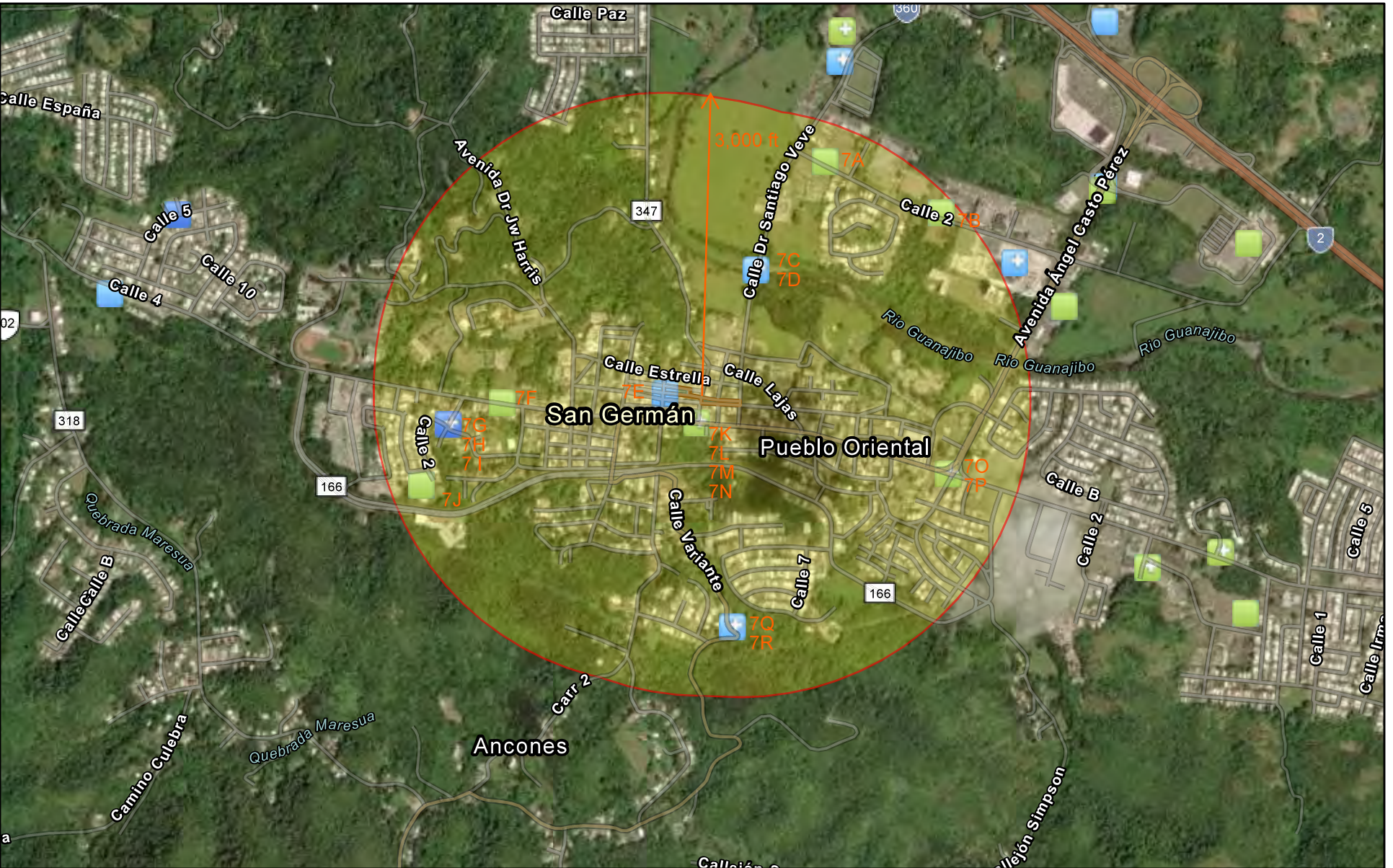
Scale: As shown

Reference:
Puerto Rico Coastal Zone Management Program










Source:
Junta de Planificación de Puerto Rico
Puerto Rico Coastal Zone Management Program - Final EIS 1978

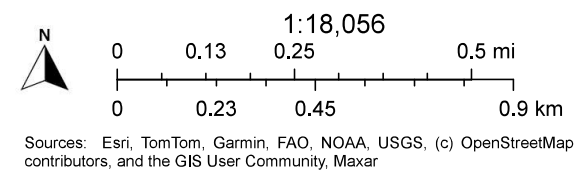
Coordinates 18.0819, -67.0420 / 18.0822, -67.0431





Legend:

- | | | |
|--|---|---|
|  Hazardous Waste (RCRAInfo) |  Air Pollution (ICIS-AIR) |  Water Dischargers (NPDES) |
|  Hazardous Waste (RCRAInfo) |  Toxic Releases (TRI) |  Project Buffer |
|  Air Pollution (ICIS-AIR) |  Water Dischargers (NPDES) |  Project Site |





Detailed Facility Report

Facility Summary

VIASYSTEMS PUERTO RICO INC.

PR-362 KM. 1.0, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110041992626

EPA Region: 02

Latitude: 18.088766

Longitude: -67.038739

Locational Data Source: TRIS

Industries: Computer and Electronic Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	01/24/2008
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, (PRD991291857)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 00753DGTLPQPRROA

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110041992626					N	18.088766	-67.038739
ICIS		36120					N	18.088766	-67.038739
TRI	EP313	00753DGTLPQPRROA	Toxics Release Inventory	Last Reported for 2000			N	18.088766	-67.038739
RCRAInfo	RCRA	PRD991291857	VSQG	Active (H A)			N	18.088766	-67.038739

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110041992626	VIASYSTEMS PUERTO RICO INC.	PR-362 KM. 1.0, SAN GERMAN, PR 00683	San Germán Municipio
ICIS		36120	VIASYSTEMS PR INC	HWY 362 KM 1.0 BO GUAMA, SAN GERMAN, PR 00683	San Germán Municipio
TRI	EP313	00753DGTLPQPRROA	VIASYSTEMS PUERTO RICO INC	RD 362 KM 01 BARRIO GUAMA, SAN GERMAN, PR 00683	San Germán Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
RCRAInfo	RCRA	PRD991291857	PCB HORIZON TECHNOLOGY INC	RD 362 KM 1.0, SAN GERMAN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00753DGLQPRROA	3672	Printed Circuit Boards
TRI	00753DGLQPRROA	3679	Electronic Components

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00753DGLQPRROA	334412	Bare Printed Circuit Board Manufacturing
RCRAInfo	PRD991291857	334412	Bare Printed Circuit Board Manufacturing

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)
---------	-----------	--------	---------------	----------------------------	-------------	------	-------------------------

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	PRD991291857	No	10/11/2025	0	10/10/2025

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: PRD991291857)		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	04/01-06/30/25	07/01-09/30/25
	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
---------	--------	-----------	----------------	-------------	------

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

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	6,129
Population Density	1,965/sq.mi.
Housing Units in Area	3,171
Percent People of Color	99%
Households in Area	2,411
Households on Public Assistance	84
Persons With Low Income	4,847
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.088766
Center Longitude	-67.038739
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,082 (44.95%)
\$15,000 - \$25,000	421 (17.49%)
\$25,000 - \$50,000	547 (22.73%)
\$50,000 - \$75,000	205 (8.52%)
Greater than \$75,000	152 (6.31%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	224 (4%)
Minors 17 years and younger	1,082 (18%)
Adults 18 years and older	5,046 (82%)
Seniors 65 years and older	1,729 (28%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,157 (68%)
African-American	101 (2%)
Hispanic-Origin	6,058 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	6 (0%)
American Indian	0 (0%)
Other/Multiracial	1,274 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	395 (8.83%)
9th through 12th Grade	389 (8.7%)
High School Diploma	1,487 (33.24%)
Some College/2-year	365 (8.16%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,381 (30.87%)



Detailed Facility Report

Facility Summary
CORDIS LLC
PR-362 KM 0.5, SAN GERMAN, PR 00683
FRS (Facility Registry Service) ID: 110001142898
EPA Region: 02
Latitude: 18.087318
Longitude: -67.035285
Locational Data Source: RCRAINFO
Industries: Chemical Manufacturing
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	09/22/2011
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 (PR0000007212500005)
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD156924573),
Inactive Other, (PRR000015016)

Other Regulatory Reports

Air Emissions Inventory (EIS): 8943011
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): 00683LBNCXRD362
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

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+
	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: PRD156924573)			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	04/01-06/30/25	07/01-09/30/25
	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												
RCRA (Source ID: PRR000015016)			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	04/01-06/30/25	07/01-09/30/25
	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
---------	--------	-----------	----------------	-------------	------

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
-----------	-----------------------------------	---	---------------------------------	---

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

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	6,503
Population Density	2,085/sq.mi.
Housing Units in Area	3,265
Percent People of Color	99%
Households in Area	2,542
Households on Public Assistance	88
Persons With Low Income	5,241
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.087318
Center Longitude	-67.035285
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,127 (44.39%)
\$15,000 - \$25,000	451 (17.76%)
\$25,000 - \$50,000	600 (23.63%)
\$50,000 - \$75,000	223 (8.78%)
Greater than \$75,000	138 (5.44%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	224 (3%)
Minors 17 years and younger	1,140 (18%)
Adults 18 years and older	5,365 (83%)
Seniors 65 years and older	1,809 (28%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,373 (67%)
African-American	140 (2%)
Hispanic-Origin	6,416 (99%)
Asian	2 (0%)
Hawaiian/Pacific Islander	14 (0%)
American Indian	0 (0%)
Other/Multiracial	1,333 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	448 (9.36%)
9th through 12th Grade	417 (8.71%)
High School Diploma	1,707 (35.67%)
Some College/2-year	409 (8.55%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,356 (28.33%)



Detailed Facility Report

Facility Summary

PRASA WTP SAN GERMAN FILTER PLANT

INSIDE INTERAMERICAN UNIVERSITY, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110013695901

EPA Region: 02

Latitude: 18.085516

Longitude: -67.037123

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	01/14/2013
Compliance Status	Terminated Permit
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 Terminated; Compliance Tracking Off (PR0022977)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110013695901					N	18.085516	-67.037123
ICIS		35823					N	18.085516	-67.037123
ICIS		2657021					N	18.085516	-67.037123
ICIS-NPDES	CWA	PR0022977	Non-Major: NPDES Individual Permit	Terminated; Compliance Tracking Off		11/30/2013	N	18.0875	-67.0375

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110013695901	PRASA WTP SAN GERMAN FILTER PLANT	INSIDE INTERAMERICAN UNIVERSITY, SAN GERMAN, PR 00683	San Germán Municipio
ICIS		35823	PRASA WTP SAN GERMAN FILTER PLANT	INTERAMERICAN UNIVERSITY, SAN GERMAN, PR 00683	San Germán Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
ICIS		2657021	PRASA SAN GERMAN WTP	INSIDE INTERAMERICAN UNIVERSITY, SAN GERMAN, PR 00683	San Germán Municipio
ICIS-NPDES	CWA	PR0022977	PRASA WTP SAN GERMAN	RD 114 KM 0.89, INSIDE OF INTERAMERICAN UNIVERSITY, SAN GERMAN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0022977	4941	Water Supply

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline 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
CWA	PR0022977	No	06/30/2025	0	10/10/2025

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: PR0022977)		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	04/01-06/30/25	07/01-10/10/25
	Facility-Level Status	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History													
	Permit Schedule Violations													
CWA	Complete Required Work or On-Site Construction	05/30/1998	→	→	→	→	→	→	→	→	→	→	→	→
CWA	Discharge Monitoring Report (DMR)	11/28/2003	→	→	→	→	→	→	→	→	→	→	→	→
CWA	Quality Assurance Report	10/01/2006	→	→	→	→	→	→	→	→	→	→	→	→
CWA	Quality Assurance Report	10/01/2007	→	→	→	→	→	→	→	→	→	→	→	→

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?
210100030409	Rio Guanajibo at mouth	ESTERO RIVER	No	No	BOD, 5-day, 20 deg. C Copper, total (as Cu) Fluoride, total (as F) Lead, total (as Pb) Nitrogen, ammonia, total (as NH3) Oxygen, dissolved (DO) Turbidity	No

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	2024	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS TOXIC INORGANICS TURBIDITY	Not Supporting	Not Supporting	--	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)
No data records returned				

Pollutants

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

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

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

Chemical Name
No data records returned

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	6,949
Population Density	2,228/sq.mi.
Housing Units in Area	3,576
Percent People of Color	99%
Households in Area	2,735
Households on Public Assistance	105
Persons With Low Income	5,566
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.085516
Center Longitude	-67.037123
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,228 (44.92%)
\$15,000 - \$25,000	488 (17.85%)
\$25,000 - \$50,000	633 (23.15%)
\$50,000 - \$75,000	230 (8.41%)
Greater than \$75,000	155 (5.67%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	243 (3%)
Minors 17 years and younger	1,178 (17%)
Adults 18 years and older	5,773 (83%)
Seniors 65 years and older	1,971 (28%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,694 (68%)
African-American	134 (2%)
Hispanic-Origin	6,858 (99%)
Asian	3 (0%)
Hawaiian/Pacific Islander	14 (0%)
American Indian	0 (0%)
Other/Multiracial	1,415 (20%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	490 (9.55%)
9th through 12th Grade	456 (8.89%)
High School Diploma	1,805 (35.17%)
Some College/2-year	424 (8.26%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,467 (28.59%)



Detailed Facility Report

Facility Summary

REHABILITATION AND SCOUR PROTECTION OF BRIDGE #1096 OVER GUANAJIBO RIVER

STATE ROAD PR-102 FROM KM 35.4 TO KM 36.2, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110071348226

EPA Region: 02

Latitude: 18.0857

Longitude: -67.0408

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 (PRR1000G2)
- Resource Conservation and Recovery Act (RCRA): No Information
- Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071348226					N	18.0857	-67.0408
ICIS-NPDES	CWA	PRR1000G2	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.0857	-67.0408

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071348226	REHABILITATION AND SCOUR PROTECTION OF BRIDGE #1096 OVER GUANAJIBO RIVER	STATE ROAD PR-102 FROM KM 35.4 TO KM 36.2, SAN GERMAN, PR 00683	San Germán Municipio
ICIS-NPDES	CWA	PRR1000G2	REHABILITATION AND SCOUR PROTECTION OF BRIDGE #1096 OVER GUANAJIBO RIVER	STATE ROAD PR-102 FROM KM 35.4 TO KM 36.2, SAN GERMAN, PR 00683	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC 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 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
CWA	PRR1000G2	No	06/30/2025	0	10/10/2025

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: PRR1000G2)		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	04/01-06/30/25	07/01-10/10/25
	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?
210100030409	Rio Guanajibo at mouth	GUANAJIBO RIVER	No	No	--	No

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	2024	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS TOXIC INORGANICS TURBIDITY	Not Supporting	Not Supporting	--	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)
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No data records returned

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	6,894
Population Density	2,210/sq.mi.
Housing Units in Area	3,706
Percent People of Color	99%
Households in Area	2,745
Households on Public Assistance	113
Persons With Low Income	5,413
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.0857
Center Longitude	-67.0408
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,254 (45.7%)
\$15,000 - \$25,000	489 (17.82%)
\$25,000 - \$50,000	605 (22.05%)
\$50,000 - \$75,000	214 (7.8%)
Greater than \$75,000	182 (6.63%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	249 (4%)
Minors 17 years and younger	1,142 (17%)
Adults 18 years and older	5,753 (83%)
Seniors 65 years and older	2,002 (29%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,698 (68%)
African-American	97 (1%)
Hispanic-Origin	6,814 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	9 (0%)
American Indian	0 (0%)
Other/Multiracial	1,408 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	473 (9.32%)
9th through 12th Grade	462 (9.1%)
High School Diploma	1,683 (33.16%)
Some College/2-year	392 (7.72%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,554 (30.61%)



Detailed Facility Report

Facility Summary
SAN GERMÁN
CALLE RUIZ BELVIS, SAN GERMÁN, PR 00683
FRS (Facility Registry Service) ID: 110054103135
EPA Region: 02
Latitude: 18.0822
Longitude: -67.04351
Locational Data Source: FRS
Industries: --
Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	09/25/2025
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	1
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 Expired; Compliance Tracking Partially Off (PRR040035)
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

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

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110054103135					N	18.0822	-67.04351
ICIS-NPDES	CWA	PRR040035	Non-Major: General Permit Covered Facility	Expired; Compliance Tracking Partially Off	Urban Stormwater (Small MS4)	06/30/2021	N	18.0822	-67.04351

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110054103135	SAN GERMÁN	CALLE RUIZ BELVIS, SAN GERMÁN, PR 00683	
ICIS-NPDES	CWA	PRR040035	SAN GERMÁN	CALLE RUIZ BELVIS, SAN GERMÁN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC 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 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)
CWA	PRR040035	ICIS-NPDES	Inspection/Evaluation	Urban Stormwater (MS4) - Evaluation	EPA	09/25/2025	

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	PRR040035	No	06/30/2025	1	10/10/2025

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: PRR040035)		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	04/01-06/30/25	07/01-10/10/25
	Facility-Level Status	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Violation Identified
	Quarterly Noncompliance Report History	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	
	Single Event Violations	Agency												
CWA	Failure to develop a complete map of the MS4 system	EPA												09/25/2025
CWA	Failure to develop, maintain, or get approval of an adequate Stormwater Management Plan (SWMP)	EPA												09/25/2025
CWA	Failure to report MS4 information on the MS4 Program Report [40 CFR 122.34(d)(3) and 122.42(c)]	EPA												09/25/2025

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

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (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?
210100030406	Rio Viejo	--	No	No	--	No

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	2024	PRWR77D	RIO VIEJO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION OTHER CAUSE PATHOGENS TEMPERATURE TOXIC INORGANICS	Not Supporting	Not Supporting	--	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)
No data records returned				

Pollutants

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

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

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

Chemical Name
No data records returned

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	7,034
Population Density	2,255/sq.mi.
Housing Units in Area	4,019
Percent People of Color	99%
Households in Area	2,869
Households on Public Assistance	131
Persons With Low Income	5,473
Percent With Low Income	80%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.0822
Center Longitude	-67.04351
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,353 (47.14%)
\$15,000 - \$25,000	514 (17.91%)
\$25,000 - \$50,000	601 (20.94%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	252 (4%)
Minors 17 years and younger	1,059 (15%)
Adults 18 years and older	5,975 (85%)
Seniors 65 years and older	2,145 (30%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,796 (68%)
African-American	72 (1%)
Hispanic-Origin	6,954 (99%)
Asian	5 (0%)
Hawaiian/Pacific Islander	8 (0%)
American Indian	0 (0%)
Other/Multiracial	1,462 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	523 (9.92%)
9th through 12th Grade	500 (9.49%)
High School Diploma	1,712 (32.48%)
Some College/2-year	385 (7.3%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,625 (30.83%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
\$50,000 - \$75,000	203 (7.07%)
Greater than \$75,000	199 (6.93%)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-371
CALLE LUNA 22, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110004893802

EPA Region: 02

Latitude: 18.081938

Longitude: -67.048355

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000008276)
Safe Drinking Water Act (SDWA): No Information

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

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004893802					N	18.081938	-67.048355
RCRAInfo	RCRA	PRR000008276	Other	Inactive ()			N	18.081938	-67.048355

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893802	ESSO STANDARD OIL CO - PR CO-371	CALLE LUNA 22, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000008276	ESSO STANDARD OIL CO - PR CO-371	CALLE LUNA 22, SAN GERMAN, PR 00683-3955	San Germán 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	PRR000008276	No	10/11/2025	0	10/10/2025

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: PRR000008276)		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	04/01-06/30/25	07/01-09/30/25
	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)
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No data records returned

Pollutants

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

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

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

Chemical Name

No data records returned

Community

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	6,178
Population Density	1,980/sq.mi.
Housing Units in Area	3,644
Percent People of Color	100%
Households in Area	2,503
Households on Public Assistance	114
Persons With Low Income	4,638
Percent With Low Income	79%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.081938
Center Longitude	-67.048355
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,179 (47.08%)
\$15,000 - \$25,000	446 (17.81%)
\$25,000 - \$50,000	490 (19.57%)
\$50,000 - \$75,000	170 (6.79%)
Greater than \$75,000	219 (8.75%)
Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	219 (4%)
Minors 17 years and younger	891 (14%)
Adults 18 years and older	5,288 (86%)
Seniors 65 years and older	1,881 (30%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,283 (69%)
African-American	26 (0%)
Hispanic-Origin	6,123 (99%)
Asian	6 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	1,316 (21%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	439 (9.56%)
9th through 12th Grade	434 (9.45%)
High School Diploma	1,384 (30.13%)
Some College/2-year	317 (6.9%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,541 (33.54%)



Detailed Facility Report

Facility Summary

GRAVERO MAYAGUEZANO

PR-2 KM 176.0, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110001990588

EPA Region: 02

Latitude: 18.08133

Longitude: -67.04996

Locational Data Source: AIR

Industries: Mining (except Oil and Gas)

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)	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (PR0000007212500001)

Clean Water Act (CWA): No Information

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		110001990588					N	18.08133	-67.04996
ICIS-Air	CAA	PR0000007212500001	Minor Emissions	Operating	CAASIP		N	18.08133	-67.04996

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110001990588	GRAVERO MAYAGUEZANO	PR-2 KM 176.0, SAN GERMAN, PR 00683	San Germán Municipio
ICIS-Air	CAA	PR0000007212500001	GRAVERO MAYAGUEZANO	CARR 2 KM 176.0, SAN GERMAN, PR 00753	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007212500001	1442	Construction Sand And Gravel

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007212500001	212321	Construction Sand and Gravel Mining

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	PR0000007212500001	No	10/11/2025	0	10/10/2025

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: PR0000007212500001)					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	04/01-06/30/25	07/01-09/30/25
	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												

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

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	5,842
Population Density	1,872/sq.mi.
Housing Units in Area	3,395
Percent People of Color	100%
Households in Area	2,304
Households on Public Assistance	110
Persons With Low Income	4,341
Percent With Low Income	78%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.08133
Center Longitude	-67.04996
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	1,063 (46.14%)
\$15,000 - \$25,000	410 (17.8%)
\$25,000 - \$50,000	461 (20.01%)
\$50,000 - \$75,000	158 (6.86%)
Greater than \$75,000	212 (9.2%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	207 (4%)
Minors 17 years and younger	839 (14%)
Adults 18 years and older	5,003 (86%)
Seniors 65 years and older	1,734 (30%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	4,074 (70%)
African-American	21 (0%)
Hispanic-Origin	5,793 (99%)
Asian	7 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	1,240 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	415 (9.64%)
9th through 12th Grade	409 (9.5%)
High School Diploma	1,279 (29.71%)
Some College/2-year	300 (6.97%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,448 (33.64%)



Detailed Facility Report

Facility Summary

HORMIG MAYAGUEZANA

PR-2 KM 176, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110002063506

EPA Region: 02

Latitude: 18.08133

Longitude: -67.04996

Locational Data Source: AIR

Industries: Nonmetallic Mineral Product Manufacturing

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)	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (PR0000007212500004)

Clean Water Act (CWA): No Information

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		110002063506					N	18.08133	-67.04996
ICIS-Air	CAA	PR0000007212500004	Minor Emissions	Operating	CAASIP		N	18.08133	-67.04996

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110002063506	HORMIG MAYAGUEZANA	PR-2 KM 176, SAN GERMAN, PR 00683	San Germán Municipio
ICIS-Air	CAA	PR0000007212500004	HORMIG MAYAGUEZANA	CARR 2 KM 176, SAN GERMAN, PR 00753	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007212500004	3273	Ready-Mixed Concrete

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007212500004	327320	Ready-Mix Concrete Manufacturing

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	PR0000007212500004	No	10/11/2025	0	10/10/2025

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: PR0000007212500004)					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	04/01-06/30/25	07/01-09/30/25
	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												

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

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	5,842
Population Density	1,872/sq.mi.
Housing Units in Area	3,395
Percent People of Color	100%
Households in Area	2,304
Households on Public Assistance	110
Persons With Low Income	4,341
Percent With Low Income	78%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.08133
Center Longitude	-67.04996
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	1,063 (46.14%)
\$15,000 - \$25,000	410 (17.8%)
\$25,000 - \$50,000	461 (20.01%)
\$50,000 - \$75,000	158 (6.86%)
Greater than \$75,000	212 (9.2%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	207 (4%)
Minors 17 years and younger	839 (14%)
Adults 18 years and older	5,003 (86%)
Seniors 65 years and older	1,734 (30%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	4,074 (70%)
African-American	21 (0%)
Hispanic-Origin	5,793 (99%)
Asian	7 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	1,240 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	415 (9.64%)
9th through 12th Grade	409 (9.5%)
High School Diploma	1,279 (29.71%)
Some College/2-year	300 (6.97%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,448 (33.64%)



Detailed Facility Report

Facility Summary

ASFALTERA EMPRESAS INABON

CARR 2 KM 187.0, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110002063356

EPA Region: 02

Latitude: 18.07961

Longitude: -67.05076

Locational Data Source: FRS

Industries: Petroleum and Coal Products Manufacturing

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)	--

Regulatory Information

Clean Air Act (CAA): Temporarily Closed Minor (PR0000007212100036)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110002063356					N	18.07961	-67.05076
ICIS-Air	CAA	PR0000007212100036	Minor Emissions	Temporarily Closed	CAANSPS, CAASJP		N	18.07778	-67.04125

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110002063356	ASFALTERA EMPRESAS INABON	CARR 2 KM 187.0, SAN GERMAN, PR 00683	San Germán Municipio
ICIS-Air	CAA	PR0000007212100036	ASFALTERA EMPRESAS INABON	CARR 2 KM 187.0, PONCE, PR 00683	Ponce Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007212100036	2951	Asphalt Paving Mixtures And Blocks

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007212100036	324121	Asphalt Paving Mixture and Block Manufacturing

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	PR0000007212100036	No	10/11/2025	0	10/10/2025

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: PR0000007212100036)						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	04/01-06/30/25	07/01-09/30/25
	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													

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

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	5,513
Population Density	1,767/sq.mi.
Housing Units in Area	3,212
Percent People of Color	100%
Households in Area	2,158
Households on Public Assistance	105
Persons With Low Income	4,087
Percent With Low Income	78%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.07961
Center Longitude	-67.05076
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	987 (45.76%)
\$15,000 - \$25,000	383 (17.76%)
\$25,000 - \$50,000	437 (20.26%)
\$50,000 - \$75,000	149 (6.91%)
Greater than \$75,000	201 (9.32%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	190 (3%)
Minors 17 years and younger	764 (14%)
Adults 18 years and older	4,749 (86%)
Seniors 65 years and older	1,636 (30%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	3,844 (70%)
African-American	20 (0%)
Hispanic-Origin	5,467 (99%)
Asian	6 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	1,183 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	404 (9.89%)
9th through 12th Grade	389 (9.52%)
High School Diploma	1,215 (29.75%)
Some College/2-year	288 (7.05%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,362 (33.35%)



Detailed Facility Report

Facility Summary

TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION
104116

CARR 2 KM 174.3, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 11004355514

EPA Region: 02

Latitude: 18.07961

Longitude: -67.05076

Locational Data Source: FRS

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000023705)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		11004355514					N	18.07961	-67.05076
RCRAInfo	RCRA	PRR000023705	VSQG	Active (H)			N	18.092959	-67.032315

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110043555514	TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 104116	CARR 2 KM 174.3, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000023705	TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 104116	CARR 2 KM 174.3, SAN GERMAN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000023705	44711	Gasoline Stations with Convenience Stores
RCRAInfo	PRR000023705	44719	Other Gasoline Stations

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023705	No	10/11/2025	0	10/10/2025

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: PRR000023705)		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	04/01-06/30/25	07/01-09/30/25
	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
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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Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

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	5,513
Population Density	1,767/sq.mi.
Housing Units in Area	3,212
Percent People of Color	100%
Households in Area	2,158
Households on Public Assistance	105
Persons With Low Income	4,087
Percent With Low Income	78%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.07961
Center Longitude	-67.05076
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	987 (45.76%)
\$15,000 - \$25,000	383 (17.76%)
\$25,000 - \$50,000	437 (20.26%)
\$50,000 - \$75,000	149 (6.91%)
Greater than \$75,000	201 (9.32%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	190 (3%)
Minors 17 years and younger	764 (14%)
Adults 18 years and older	4,749 (86%)
Seniors 65 years and older	1,636 (30%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	3,844 (70%)
African-American	20 (0%)
Hispanic-Origin	5,467 (99%)
Asian	6 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	1,183 (21%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	404 (9.89%)
9th through 12th Grade	389 (9.52%)
High School Diploma	1,215 (29.75%)
Some College/2-year	288 (7.05%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,362 (33.35%)



Detailed Facility Report

Facility Summary

CENTRO DE SALUD FAMILIAR DOH

63 JAVILLA ST, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110004895622

EPA Region: --

Latitude: 18.082898

Longitude: -67.041896

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000012559)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004895622					N	18.082898	-67.041896
RCRAInfo	RCRA	PRR000012559	Other	Inactive ()			N	18.082413	-67.040516

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004895622	CENTRO DE SALUD FAMILIAR DOH	63 JAVILLA ST, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000012559	CENTRO DE SALUD FAMILIAR DOH	63 JAVILLA ST, SAN GERMAN, PR 00683	San Germán 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	PRR000012559	No	10/11/2025	0	10/10/2025

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: PRR000012559)		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	04/01-06/30/25	07/01-09/30/25
	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)
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No data records returned

Pollutants

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

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

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

Chemical Name

No data records returned

Community

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	7,216
Population Density	2,313/sq.mi.
Housing Units in Area	4,013
Percent People of Color	99%
Households in Area	2,921
Households on Public Assistance	129
Persons With Low Income	5,666
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.082898
Center Longitude	-67.041896
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,363 (46.68%)
\$15,000 - \$25,000	523 (17.91%)
\$25,000 - \$50,000	628 (21.51%)
\$50,000 - \$75,000	214 (7.33%)
Greater than \$75,000	192 (6.58%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	258 (4%)
Minors 17 years and younger	1,126 (16%)
Adults 18 years and older	6,090 (84%)
Seniors 65 years and older	2,160 (30%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,913 (68%)
African-American	90 (1%)
Hispanic-Origin	7,130 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	10 (0%)
American Indian	0 (0%)
Other/Multiracial	1,476 (20%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	529 (9.83%)
9th through 12th Grade	506 (9.4%)
High School Diploma	1,789 (33.23%)
Some College/2-year	404 (7.51%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,622 (30.13%)



Detailed Facility Report

Facility Summary

JAVILLA SS 1058

CALLE JAVILL 12, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110004892661

EPA Region: 02

Latitude: 18.082593

Longitude: -67.041143

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000003871)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004892661					N	18.082593	-67.041143
RCRAInfo	RCRA	PRR000003871	Other	Inactive ()			N	18.082593	-67.041143

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892661	JAVILLA SS 1058	CALLE JAVILL 12, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000003871	JAVILLA SS 1058	CALLE JAVILL 12, SAN GERMAN, PR 00683-4102	San Germán 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	PRR000003871	No	10/11/2025	0	10/10/2025

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: PRR000003871)		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	04/01-06/30/25	07/01-09/30/25
	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
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)
No data records returned				

Pollutants

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

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

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

Chemical Name
No data records returned

Community

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	7,277
Population Density	2,319/sq.mi.
Housing Units in Area	4,012
Percent People of Color	99%
Households in Area	2,933
Households on Public Assistance	129
Persons With Low Income	5,735
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.082593
Center Longitude	-67.041143
Total Area	3.14 sq.mi.
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,361 (46.43%)
\$15,000 - \$25,000	525 (17.91%)
\$25,000 - \$50,000	639 (21.8%)
\$50,000 - \$75,000	218 (7.44%)
Greater than \$75,000	188 (6.41%)
Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	260 (4%)
Minors 17 years and younger	1,140 (16%)
Adults 18 years and older	6,137 (84%)
Seniors 65 years and older	2,166 (30%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,949 (68%)
African-American	100 (1%)
Hispanic-Origin	7,190 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	11 (0%)
American Indian	0 (0%)
Other/Multiracial	1,484 (20%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	534 (9.83%)
9th through 12th Grade	507 (9.33%)
High School Diploma	1,825 (33.6%)
Some College/2-year	415 (7.64%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,618 (29.79%)



Detailed Facility Report

Facility Summary

OLD MARKET PLAZA

96 INTERAMERICANA AVE, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110017614205

EPA Region: 02

Latitude: 18.08131

Longitude: -67.04141

Locational Data Source: RCRAINFO

Industries: Waste Management and Remediation Services

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000017012)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110017614205					N	18.08131	-67.04141
RCRAInfo	RCRA	PRR000017012	Other	Inactive ()			N	18.08131	-67.04141

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110017614205	OLD MARKET PLAZA	96 INTERAMERICANA AVE, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000017012	OLD MARKET PLAZA	96 INTERAMERICANA AVE, SAN GERMAN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000017012	56291	Remediation Services

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000017012	No	10/11/2025	0	10/10/2025

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: PRR000017012)		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	04/01-06/30/25	07/01-09/30/25
	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
No data records returned					

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

Community

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	7,239
Population Density	2,306/sq.mi.
Housing Units in Area	4,029
Percent People of Color	99%
Households in Area	2,933
Households on Public Assistance	131
Persons With Low Income	5,710
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.08131
Center Longitude	-67.04141
Total Area	3.14 sq.mi.
Land Area	100%
Water Area	0%
Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	260 (4%)
Minors 17 years and younger	1,109 (15%)
Adults 18 years and older	6,128 (85%)
Seniors 65 years and older	2,177 (30%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,913 (68%)
African-American	95 (1%)
Hispanic-Origin	7,150 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	12 (0%)
American Indian	0 (0%)
Other/Multiracial	1,487 (21%)
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,370 (46.74%)
\$15,000 - \$25,000	525 (17.91%)
\$25,000 - \$50,000	634 (21.63%)
\$50,000 - \$75,000	215 (7.34%)
Greater than \$75,000	187 (6.38%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	544 (10.02%)
9th through 12th Grade	508 (9.36%)
High School Diploma	1,832 (33.75%)
Some College/2-year	411 (7.57%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,604 (29.55%)



Detailed Facility Report

Facility Summary

WALGREENS 167

CALLE LUNA & ESQUINA CARRO, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110007817595

EPA Region: 02

Latitude: 18.081369

Longitude: -67.042569

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000003467)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007817595					N	18.081369	-67.042569
RCRAInfo	RCRA	PRR000003467	Other	Inactive ()			N	18.081369	-67.042569

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007817595	WALGREENS 167	CALLE LUNA & ESQUINA CARRO, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000003467	WALGREENS 167	CALLE LUNA & ESQUINA CARRO, SAN GERMAN, PR 00683	San Germán 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	PRR000003467	No	10/11/2025	0	10/10/2025

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: PRR000003467)		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	04/01-06/30/25	07/01-09/30/25
	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)
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No data records returned

Pollutants

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

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

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

Chemical Name

No data records returned

Community

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	7,122
Population Density	2,283/sq.mi.
Housing Units in Area	4,026
Percent People of Color	99%
Households in Area	2,899
Households on Public Assistance	132
Persons With Low Income	5,582
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.081369
Center Longitude	-67.042569
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,363 (47.03%)
\$15,000 - \$25,000	520 (17.94%)
\$25,000 - \$50,000	615 (21.22%)
\$50,000 - \$75,000	208 (7.18%)
Greater than \$75,000	192 (6.63%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	254 (4%)
Minors 17 years and younger	1,071 (15%)
Adults 18 years and older	6,050 (85%)
Seniors 65 years and older	2,166 (30%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,837 (68%)
African-American	83 (1%)
Hispanic-Origin	7,036 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	10 (0%)
American Indian	0 (0%)
Other/Multiracial	1,481 (21%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	540 (10.09%)
9th through 12th Grade	505 (9.44%)
High School Diploma	1,777 (33.21%)
Some College/2-year	397 (7.42%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,609 (30.07%)



Detailed Facility Report

Facility Summary

INTERAMERICAN UNIV SAN GERMAN
CALLE LUNA, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110007810431

EPA Region: 02

Latitude: 18.080442

Longitude: -67.036833

Locational Data Source: RCRAINFO

Industries: Educational Services

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	01/31/2012
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 VSQG, (PRD987367604)
Safe Drinking Water Act (SDWA): No Information

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

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007810431					N	18.080442	-67.036833
ICIS		31964					N	18.080442	-67.036833
RCRAInfo	RCRA	PRD987367604	VSQG	Active (H)			N	18.080442	-67.036833

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007810431	INTERAMERICAN UNIV SAN GERMAN	CALLE LUNA, SAN GERMAN, PR 00683	San Germán Municipio
ICIS		31964	INTERAMERICAN UNIV SAN GERMAN	CALLE LUNA, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRD987367604	INTER AMERICAN UNIVERISTY OF PR - SAN GERMAN CAMPUS	RD 102 KM 30.6, SAN GERMAN, PR 00683	San Germán 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	PRD987367604	611310	Colleges, Universities, and Professional Schools

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	PRD987367604	No	10/11/2025	0	10/10/2025

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: PRD987367604)		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	04/01-06/30/25	07/01-09/30/25
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
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)
No data records returned				

Pollutants

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

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

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

Chemical Name	
No data records returned	

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 7/12/2025)

Source ID	Waste Description	2022	2023	2024	2025
PRD987367604	Hazardous Waste	282	408	168	--
PRD987367604	Acute Hazardous Waste	0 - 0	0	1	--
PRD987367604	Pharmaceutical Hazardous Waste	0	0	0	--

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

Community

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	7,757
Population Density	2,487/sq.mi.
Housing Units in Area	4,030
Percent People of Color	99%
Households in Area	3,068
Households on Public Assistance	130
Persons With Low Income	6,255
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.080442
Center Longitude	-67.036833
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	267 (3%)
Minors 17 years and younger	1,241 (16%)
Adults 18 years and older	6,515 (84%)
Seniors 65 years and older	2,235 (29%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	5,218 (67%)
African-American	155 (2%)
Hispanic-Origin	7,643 (99%)
Asian	2 (0%)
Hawaiian/Pacific Islander	23 (0%)
American Indian	0 (0%)
Other/Multiracial	1,571 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	599 (10.34%)
9th through 12th Grade	527 (9.1%)
High School Diploma	2,125 (36.68%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,402 (45.71%)
\$15,000 - \$25,000	551 (17.97%)
\$25,000 - \$50,000	708 (23.08%)
\$50,000 - \$75,000	241 (7.86%)
Greater than \$75,000	165 (5.38%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Some College/2-year	470 (8.11%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,548 (26.72%)



Detailed Facility Report

Facility Summary

KMART #3896

AVE CASTO PEREZ INT CARR 2, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110004893848

EPA Region: 02

Latitude: 18.079932

Longitude: -67.03508

Locational Data Source: RCRAINFO

Industries: General Merchandise Stores

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, (PRR000008383)

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004893848					N	18.079932	-67.03508
RCRAInfo	RCRA	PRR000008383	VSQG	Active (H)			N	18.079932	-67.03508

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893848	KMART #3896	AVE CASTO PEREZ INT CARR 2, SAN GERMAN, PR 00683	San Germán Municipio
RCRAInfo	RCRA	PRR000008383	KMART #3896	AVE CASTO PEREZ INT CARR 2, SAN GERMAN, PR 00683	San Germán Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000008383	45299	All Other General Merchandise Stores

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000008383	No	10/11/2025	0	10/10/2025

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: PRR000008383)		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	04/01-06/30/25	07/01-09/30/25
	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
No data records returned					

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

Community

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	7,877
Population Density	2,525/sq.mi.
Housing Units in Area	4,005
Percent People of Color	99%
Households in Area	3,092
Households on Public Assistance	129
Persons With Low Income	6,398
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.079932
Center Longitude	-67.03508
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,404 (45.42%)
\$15,000 - \$25,000	557 (18.02%)
\$25,000 - \$50,000	728 (23.55%)
\$50,000 - \$75,000	246 (7.96%)
Greater than \$75,000	156 (5.05%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	270 (3%)
Minors 17 years and younger	1,274 (16%)
Adults 18 years and older	6,604 (84%)
Seniors 65 years and older	2,241 (28%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	5,284 (67%)
African-American	173 (2%)
Hispanic-Origin	7,756 (98%)
Asian	2 (0%)
Hawaiian/Pacific Islander	26 (0%)
American Indian	0 (0%)
Other/Multiracial	1,596 (20%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	617 (10.5%)
9th through 12th Grade	529 (9%)
High School Diploma	2,213 (37.65%)
Some College/2-year	486 (8.27%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,518 (25.83%)



Detailed Facility Report

Facility Summary

AC-010118 PAV REH SAFETY IMPROV PR 101 KM 0.0 @ 10.0 SAN GERMAN

CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110071709513

EPA Region: 02

Latitude: 18.0756

Longitude: -67.0415

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 (PRR1000JA)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071709513					N	18.0756	-67.0415
ICIS-NPDES	CWA	PRR1000JA	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.0756	-67.0415

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071709513	AC-010118 PAV REH SAFETY IMPROV PR 101 KM 0.0 @ 10.0 SAN GERMAN	CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683	
ICIS-NPDES	CWA	PRR1000JA	AC-010118 PAV REH SAFETY IMPROV PR 101 KM 0.0 @ 10.0 SAN GERMAN	CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC 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 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
CWA	PRR1000JA	No	06/30/2025	0	10/10/2025

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: PRR1000JA)		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	04/01-06/30/25	07/01-10/10/25
	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
---------	--------	--------------	-----------	----------------	----------	-------------	-----------	--------------------	----------------------	-------------------------	--------------------------	-------------------------------	--------------------------	-----------	------------------

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?
210100030409	Rio Guanajibo at mouth	RIVER	No	No	--	No

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	2024	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS TOXIC INORGANICS TURBIDITY	Not Supporting	Not Supporting	--	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)
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No data records returned

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	6,637
Population Density	2,127/sq.mi.
Housing Units in Area	3,773
Percent People of Color	99%
Households in Area	2,736
Households on Public Assistance	124
Persons With Low Income	5,283
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.0756
Center Longitude	-67.0415
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,310 (47.85%)
\$15,000 - \$25,000	488 (17.82%)
\$25,000 - \$50,000	587 (21.44%)
\$50,000 - \$75,000	190 (6.94%)
Greater than \$75,000	163 (5.95%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	241 (4%)
Minors 17 years and younger	930 (14%)
Adults 18 years and older	5,706 (86%)
Seniors 65 years and older	2,069 (31%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,433 (67%)
African-American	83 (1%)
Hispanic-Origin	6,540 (99%)
Asian	2 (0%)
Hawaiian/Pacific Islander	15 (0%)
American Indian	0 (0%)
Other/Multiracial	1,453 (22%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	562 (11.07%)
9th through 12th Grade	478 (9.42%)
High School Diploma	1,774 (34.94%)
Some College/2-year	380 (7.48%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,417 (27.91%)



Detailed Facility Report

Facility Summary

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS, PR-101, FROM KM 0.0 TO KM 10.0

CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683

FRS (Facility Registry Service) ID: 110071662085

EPA Region: 02

Latitude: 18.0756

Longitude: -67.0415

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 (PRR1000IW)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071662085					N	18.0756	-67.0415
ICIS-NPDES	CWA	PRR1000IW	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.0756	-67.0415

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071662085	PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS, PR-101, FROM KM 0.0 TO KM 10.0	CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683	
ICIS-NPDES	CWA	PRR1000IW	PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS, PR-101, FROM KM 0.0 TO KM 10.0	CARRETERA PR-101 KM 0.0 TO KM 10.0, SAN GERMAN, PR 00683	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC 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 NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
--------	------------	------------	-------------------

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
------------------	------------	---------------	---------------------------

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	PRR1000IW	No	06/30/2025	0	10/10/2025

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: PRR1000IW)		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	04/01-06/30/25	07/01-10/10/25
	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

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?
210100030409	Rio Guanajibo at mouth	EL CHORRO RIVER (TRIBUTARY OF GUANAJIBO RIVER), MARESUA RIVER (TRIBUTARY OF GUANAJIBO RIVER), MARGARA RIVER (TRIBUTARY OF GUANAJIBO RIVER), PLANTINA RIVER (TRIBUTARY OF GUANAJIBO RIVER), PRINCIPAL WATER IRRIGATION	No	No	--	No

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	2024	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS TOXIC INORGANICS TURBIDITY	Not Supporting	Not Supporting	--	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)
-----------	-----------------------------------	---	---------------------------------	---

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
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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>>.

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High School Diploma	1,774 (34.94%)
Some College/2-year	380 (7.48%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
\$25,000 - \$50,000	587 (21.44%)
\$50,000 - \$75,000	190 (6.94%)
Greater than \$75,000	163 (5.95%)

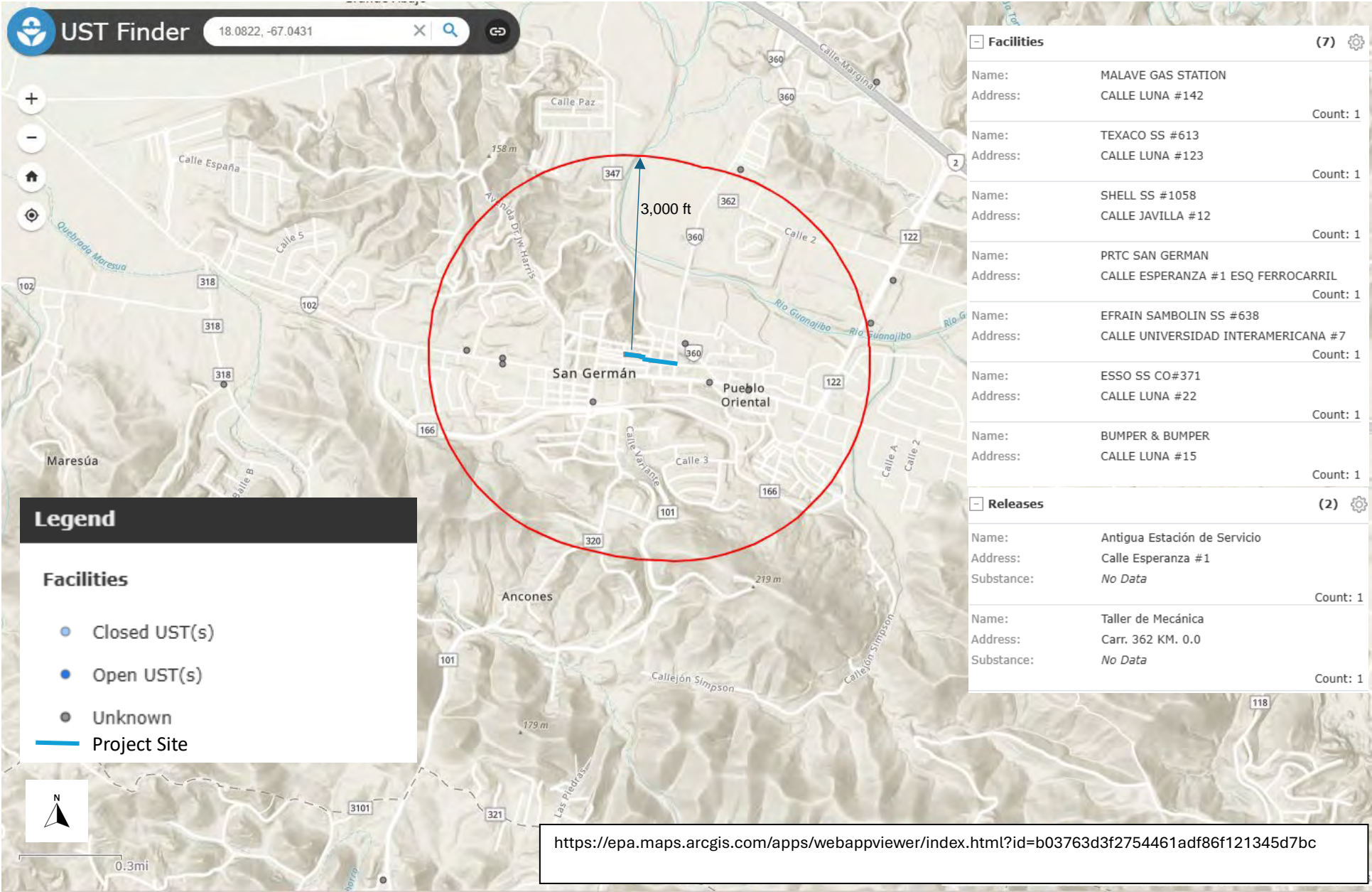
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,417 (27.91%)

Exhibit 7S

PR-CRP-000876 Plaza Santo Domingo and Plaza Francisco Mariano

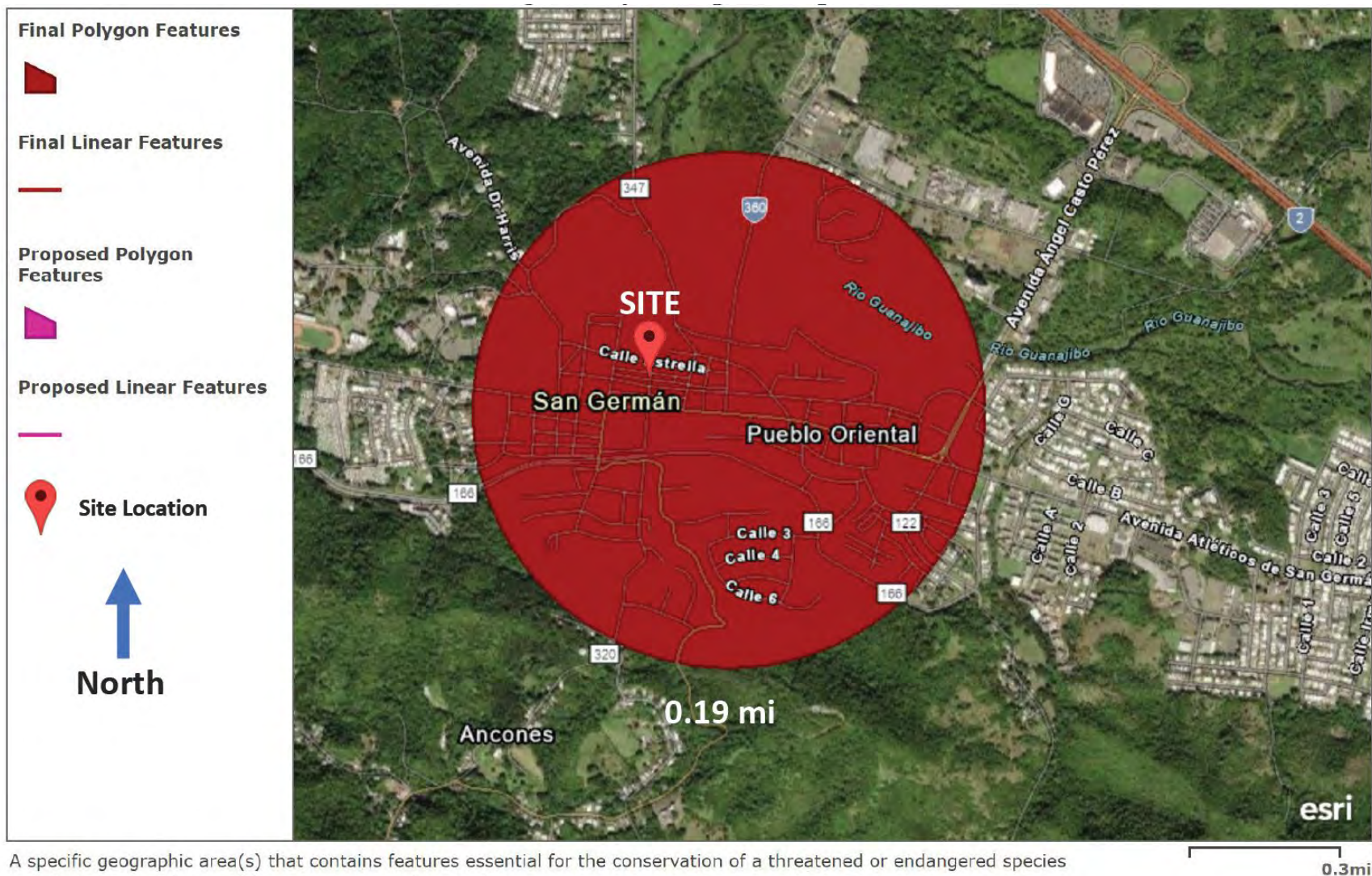
San Germán PR 00683

Coordinates 18.0819, -67.0420 / 18.0822, -67.0431



PR-CRP-000876 PLAZA SANTO DOMINGO and PLAZA MARIANO QUIÑONES
Exhibit 8 CRITICAL HABITAT Map

Coordinates 18.0819, -67.0420 / 18.0822, -67.0431



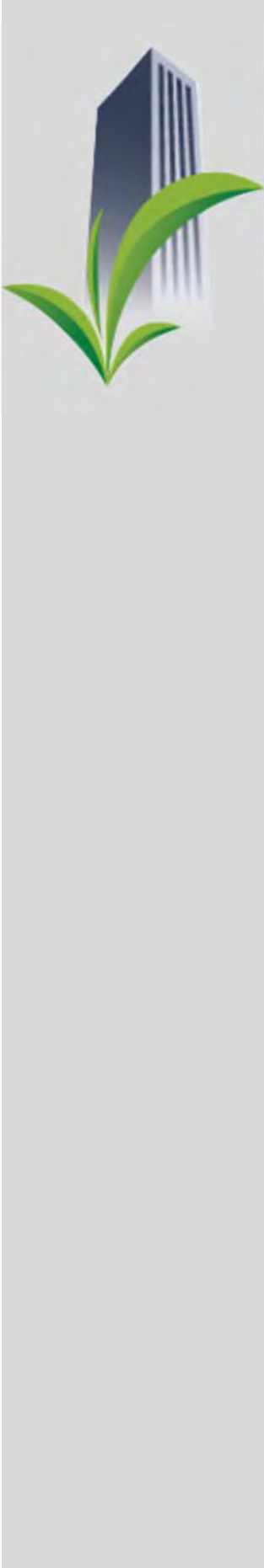
A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS

Project Location: Calle Ruiz Belvis y Calle Arce Lugo, San German

Project Coordinates: X= 18.0822 Y= -67.0431

Map Source: [Critical Habitat for Threatened & Endangered Species \[USFWS\] \(arcgis.com\)](#)



Asbestos Containing Building Materials Inspection Report

Project:

Francisco Mariano Quiñones Square,
Santo Domingo Park and streets
surrounding both sites in
San Germán, Puerto Rico

Client:

JORGE RIGAU ARQUITECTOS PSC

ZEM-23062

April 2023

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

An Asbestos Containing Building Materials (ACBM) inspection was conducted on March 18, 2023 at Francisco Mariano Quiñones Square, Santo Domingo Park and streets surrounding both sites in San Germán, Puerto Rico. The asbestos containing building materials sampling was performed to identify material that contains asbestos fibers above allowable levels and to assist with the compliance of local, state and federal regulations.

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted in the evaluation of the areas of the aforementioned project. The evaluation found that **no** asbestos containing materials were identified during the inspection of the areas.

SECTION 2: ASBESTOS CONTAINING MATERIALS SURVEY REPORT

2.1 OVERVIEW OF THE EVALUATION

This asbestos containing materials (ACM) survey is an inspection to identify the location of any ACM that exist within. Throughout the inspection no asbestos containing materials were identified at the assessed areas.

The inspection was conducted by the Department of Natural and Environmental Resources (DRNA) of Puerto Rico and United States Environmental Protection Agency (USEPA) accredited Inspectors qualified by experience, education and training in the recognition of potential ACM and approved bulk sampling techniques. Some areas may not have been directly accessible due to the physical hazards encountered within. In these areas, assumptions based on findings in other areas were made whenever possible. These assumptions are duly noted as such in this report.

The inspection was performed in accordance with Environmental Protection Agency recommended procedures found in EPA-450/2-78-014 (Parts I and II), EPA 560/5-85-024, and 40 CFR 763. These procedures call for the visual inspection of the building for suspect friable material and collection and analysis of representative samples of suspect material.

2.2 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this asbestos containing building materials inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner and occupants. The results and opinions in this report, based solely on the conditions found at the property on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any real or potential asbestos hazards at this structure beyond the date of the property evaluation.

The Asbestos Containing Building Materials inspection was performed to ready accessible components and surfaces. If suspected components that could contain asbestos are encountered, they shall be managed as containing asbestos until the appropriate laboratory analysis is performed.

2.3 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this asbestos containing building materials inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on March 18, 2023 by Harry Peña, state-certified inspector ASB-0223-0093-SI, qualified by experience, education and training in the recognition of asbestos containing materials and approved sampling techniques.



Harry Peña, MSEM
Environmental Building Consultant

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: Certification of No Presence of Asbestos (Form PGC-009)

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS

	<p>TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO</p> <p>Esta tarjeta autoriza a:</p> <p><i>Harry Peña Ruiz</i> Inspector</p> <p>A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.</p> <p> Firma Autorizada - Departamento Recursos Naturales y Ambientales</p>
<p>ASB-0223-0093-SI Número de Registro</p> <p>16-feb-2024 Fecha de vencimiento</p>	

APPENDIX B: CERTIFICATION OF NO PRESENCE OF ASBESTOS **(FORM PGC-009)**



CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC-_____
PARA USO OFICIAL

Yo, Harry Peña, mayor de edad, casado, y vecino de Bayamón
(Nombre) (Estado Civil) (Municipio)

Dirección Postal PO Box 3545 Bayamón 00958
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 550 - 2061 Oficina (787) 995 - 0005 Ext. _____
Fax (787) 995 - 0005

Certifico que:

1. La estructura localizada en Francisco Mariano Quiñones Square, Santo Domingo Park and streets surrounding, la cual será objeto de una
both sites in San Germán, Puerto Rico
demolición se encuentra libre de asbesto.
2. La información antes indicada es cierta y correcta.
3. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
4. Para que así conste, firmo la presente certificación en Bayamón de Puerto Rico,
(Municipio)
hoy día 14 de abril de 2023

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.

CERTIFICATION

	<p>TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO</p> <p>Esta tarjeta autoriza a:</p> <p><i>Harry Peña Ruiz</i> Inspector</p> <p>A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.</p> <p></p> <p>Firma Autorizada - Departamento Recursos Naturales y Ambientales</p>
<p>ASB-0223-0093-SI Número de Registro</p> <p>16-feb-2024 Fecha de vencimiento</p>	



Lead Based Paint Inspection Report

Project:

Francisco Mariano Quiñones Square,
Santo Domingo Park and streets
surrounding both sites in
San Germán, Puerto Rico

Client:

JORGE RIGAU ARQUITECTOS PSC

ZEM-23062

April 2023

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

A Lead-Based Paint inspection was conducted on March 18, 2023 at Francisco Mariano Quiñones Square, Santo Domingo Park and streets surrounding both sites in San Germán, Puerto Rico. The lead-based paint inspection was performed to identify paint that contains lead above allowable levels and to assist with the compliance of local, state and federal regulations.

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted of the evaluation of the areas of the aforementioned project. The evaluation found that lead based paint was present in selective components and surfaces through the project on the date of the inspection. Table 1-1 identifies the components positive for lead. Table 2-1 identifies lead-based paint as defined by the U.S. Environmental Protection Agency (EPA) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico. For specific locations and additional detail on the location of lead-reference Sections 2 and 3.

1.3 PROPERTY LOCATIONS OF BUILDING COMPONENTS WITH LEAD-BASED PAINT

Table 1-1 summarizes the site components and surfaces coated with lead-based paint. Details that identify positive lead-based paint findings within specific areas and on surfaces were provided in the lead-based paint inspection report. The “substrate” is the building component material directly beneath the painted surface. Photographic documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead. The quantification of positives materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

If homogeneous materials that were not accounted for are identified in areas that are not describe in this report or inaccessible areas described in Section 2.3.3, they shall be managed as containing lead. If suspected components that could contain lead are encountered underneath current installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. Refer to Appendix E: Location of Positive Materials for specific location.

Table 1-1: Summary of Components Containing Lead					
Location	Area	Component	Color	Substrate	Approximate Amount
Santo Domingo Park	Streets Surroundings the Sites	Curb	Yellow, Blue	Concrete	230 LnFt
	Santo Domingo Park	Curb	Yellow	Concrete	140 LnFt
Mariano Quiñones Square	Mariano Quiñones Square	Handrail	Brown	Metal	4 Units
		Curb	Yellow	Concrete	60 LnFt
	Gazebo Exterior Areas	Column	Brown	Metal	6 Units
	Streets Surroundings the Sites	Curb	Yellow, Brown	Concrete	300 LnFt
In Between Both Sites		Sign Pole	Yellow	Metal	1 Unit
		Hydrant	Yellow	Metal	1 Unit
		Stop Sign	Yellow	Metal	1 Unit

Note:

1. The quantification of positives materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

SECTION 2: LEAD-BASED PAINT INSPECTION REPORT

2.1 OVERVIEW OF THE EVALUATION

This lead-based paint inspection is an investigation to identify all lead-based paint on a surface-by-surface basis. A lead-based paint inspection conforming to HUD guidelines was performed at the aforementioned project.

Averages of 156 samples were taken at identified surfaces of the evaluated areas using X-ray fluorescence (XRF) analyzer. The evaluation found that lead-based paint was present in selective components and surfaces through the project on the date of the assessment (See Table 1-1).

Some of the remaining XRF test locations exhibited lead-in-paint levels below the level that EPA identifies as lead-based paint, namely 1.0 mg/cm². Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit its spread.

Testing was performed by Dilia Rosado, state-certified risk assessor LBPRA-20322-195, using the Niton XLp-300A XRF, SN-101222. The credentials are provided in Section 3, Appendix A: Certifications, Licenses, and Accreditations. The XRF analyzer is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid and nondestructive and, according to the manufacturer, is capable of detecting lead concentrations that occur within numerous layers of various surface coatings.

Please refer to the XRF Testing Results Section 3, Appendix B: XRF Sampling Data for the detailed analytical testing results for each distinct area inspected. The reports provide a complete testing data.

2.2 SAMPLING PROCEDURE

The Lead Based Paint Sampling Procedure was design to evaluate and document all the data obtained form the inspection in a sequential method that provided confidence at the moment of the results presentation.

The survey was performed following the methodology established in the HUD Guidelines for the Evaluation and Control of Lead Based Paint in Housing (2012 revision) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico Regulation 9098: Regulation for Proper Management of Lead-Based Paint Activities. The surfaces evaluation was performed as follows:

- If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm² it is considered negative.

- If the lead concentration measured by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm² it is considered positive.

To each functional space of the project a name was assigned according to the use of that space. If no name could be assigned then a code letter or number was assigned.

Each wall surface was named with letters beginning with wall A the wall facing the main entrance direction. The wall at your left will be wall B, the wall at front wall C and the wall at you right will be wall D.

2.3 RESULTS PRESENTATION

This section describes the project components and surfaces coated with lead-based paint (LBP), which were observed in the inspection. Please note that the recommendations given are always the minimum action, which in our professional judgment should be taken.

According to the DRNA lead regulations, prior to the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The firm providing the abatement services must be certified as an abatement firm by the DRNA.

2.3.1 SPECIFIC FINDINGS

The following LBP were found to contain more than 1.0 mg/cm² for what Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- | | |
|-------------|--------------|
| • Columns | • Hydrants |
| • Curb | • Sign Poles |
| • Handrails | |

2.3.2 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS

NONE

2.3.3 INACCESSIBLE AREAS PRESUMED TO BE LEAD-BASED PAINTED

NONE

2.4 LEAD REGULATORY LEVELS

The lead regulatory levels provided below are those used when preparing this lead-based paint evaluation or when evaluating data collected. The EPA regulatory levels are the same as the state regulatory levels provided in the following table.

TABLE 2-1: LEAD REGULATORY LEVELS	
	EPA/DRNA Levels
Lead-Based Paint	1.0 mg/cm ² or 0.5% by weight (or 5,000 ppm)

2.5 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this project on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner. The results and opinions in this report, based solely on the conditions found at the project on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at this project beyond the date of the evaluation.

The lead inspection was performed to ready accessible components and surfaces. If suspected components that could contain lead are encountered underneath current installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. According to the DRNA on the “Regulation for the Proper Management of Lead-Based Paint Activities” Rule 139 (Section E, Part 17) all lead-based paint reports have a validity period of five (5) years.

2.6 ABATEMENT CONDITIONS

Abatement, as defined by HUD and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico, means any set of measures designed to eliminate lead-based paint and/or lead-based paint hazards permanently. The people providing these services must be trained in accordance with the DRNA licensing/certification requirements. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years.

- onsite or offsite removal of lead-based paint from substrates and components
- replacement of components or fixtures painted with lead-based paint

- permanent enclosure of lead-based paint with construction materials mechanically-fastened to the substrate
- encapsulation of lead-based paint with specially designed encapsulant products
- removal or permanent covering (concrete or asphalt) of soil-lead-based paint hazards

If enclosure or encapsulation is conducted as an abatement method, the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

2.7 RECOMMENDATIONS

According to the DRNA lead regulations, prior to the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste. The firm providing the abatement services must be certified as an abatement firm by the DRNA. Workers conducting abatement must be trained and certified as abatement workers by a training provider accredited by the DRNA.

2.8 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on March 18, 2023 by Dilia Rosado, state-certified risk assessor LBPR-20322-195, qualified by experience, education and training in the recognition of lead-based paint and approved sampling techniques using the Niton XLP-300A XRF, SN-101222.



Dilia Rosado, MEM
Environmental Risk Assessor

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: XRF Sampling Data

Appendix C: XRF's Performance Characteristics Sheet

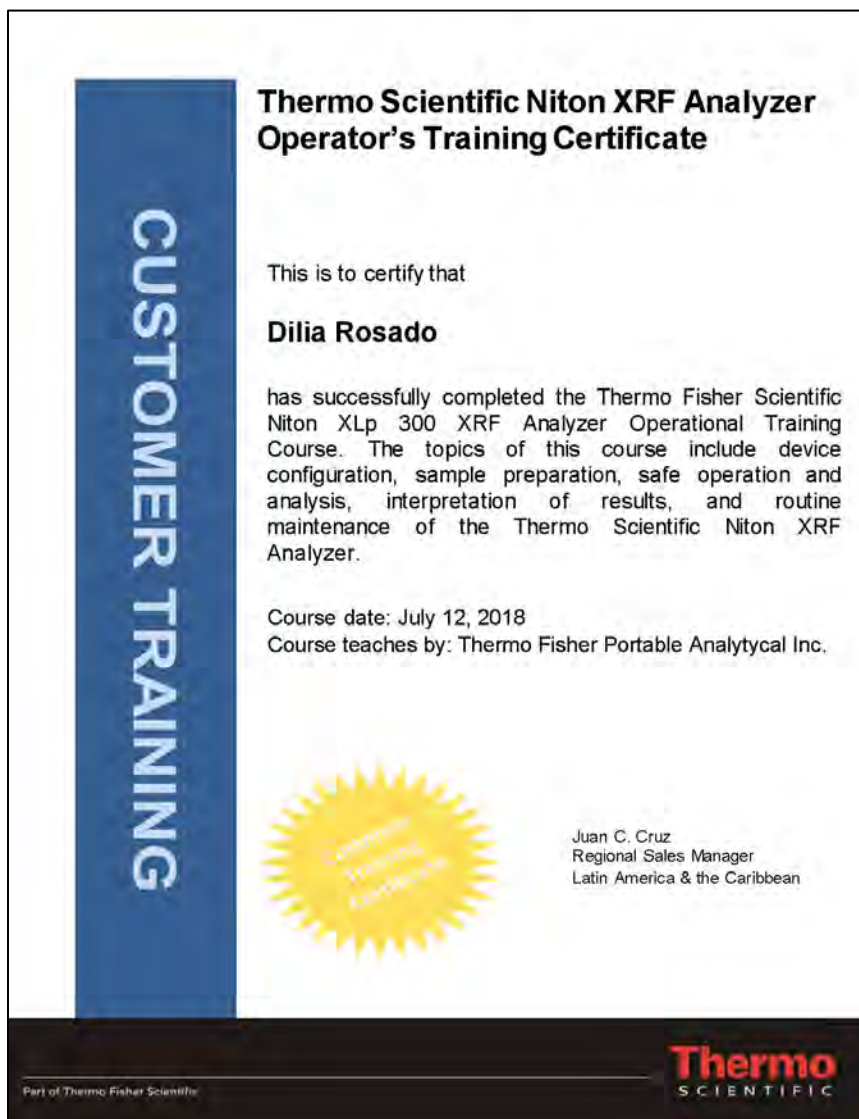
Appendix D: Photographic Record

Appendix E: Location of Positive Materials

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



APPENDIX B: XRF SAMPLING DATA

PROJECT:	2 Public Sites (Mariano Quiñones Square & Santo Domingo Park) San Germán, PR			CLIENT: JORGE RIGAU ARQUITECTOS PSC			
DATE:	3/18/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
1	Calibration				1.00		
2	Calibration				1.00		
3	Calibration				1.00		
4	Streets Surroundings the Site	Curb	Yellow	Concrete	0.60	Negative	Santo Domingo Park
5	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
6	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
7	Streets Surroundings the Site	Light Pole	Brown	Metal	0.00	Negative	Santo Domingo Park
8	Streets Surroundings the Site	Meter	Pine	Metal	0.00	Negative	Santo Domingo Park
9	Streets Surroundings the Site	Curb	Yellow	Concrete	4.30	Positive	Santo Domingo Park
10	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
11	Streets Surroundings the Site	Curb	Yellow	Concrete	4.30	Positive	Santo Domingo Park
12	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
13	Streets Surroundings the Site	Curb	Yellow	Concrete	4.50	Positive	Santo Domingo Park
14	Streets Surroundings the Site	Curb	Yellow	Concrete	0.00	Negative	Santo Domingo Park
15	Streets Surroundings the Site	Curb	Blue	Concrete	1.10	Positive	Santo Domingo Park
16	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
17	Streets Surroundings the Site	Curb	Yellow	Concrete	1.10	Positive	Santo Domingo Park
18	Streets Surroundings the Site	Light Pole	Brown	Metal	0.00	Negative	Santo Domingo Park
19	Streets Surroundings the Site	Curb	Brown	Concrete	0.01	Negative	Santo Domingo Park
20	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
21	Streets Surroundings the Site	Curb	Yellow	Concrete	1.20	Positive	Santo Domingo Park
22	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
23	Streets Surroundings the Site	Curb	Yellow	Concrete	4.60	Positive	Santo Domingo Park
24	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
25	Streets Surroundings the Site	Curb	Yellow	Concrete	1.60	Positive	Santo Domingo Park
26	Streets Surroundings the Site	Curb	Yellow	Concrete	5.40	Positive	Santo Domingo Park
27	Streets Surroundings the Site	Light Pole	Brown	Metal	0.00	Negative	Santo Domingo Park
28	Streets Surroundings the Site	Curb	Blue	Concrete	0.01	Negative	Santo Domingo Park
29	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
30	Streets Surroundings the Site	Curb	Yellow	Concrete	0.50	Negative	Santo Domingo Park
31	Streets Surroundings the Site	Curb	Yellow	Concrete	0.00	Negative	Santo Domingo Park
32	Streets Surroundings the Site	Curb	Brown	Concrete	0.01	Negative	Santo Domingo Park
33	Streets Surroundings the Site	Light Pole	Brown	Metal	0.00	Negative	Santo Domingo Park
34	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
35	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
36	Streets Surroundings the Site	Curb	Yellow	Concrete	0.01	Negative	Santo Domingo Park
37	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
38	Streets Surroundings the Site	Curb	Yellow	Concrete	0.04	Negative	Santo Domingo Park
39	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
40	Streets Surroundings the Site	Hydrant	Yellow	Metal	0.00	Negative	Santo Domingo Park
41	Streets Surroundings the Site	Light Pole	Brown	Metal	0.00	Negative	Santo Domingo Park
42	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
43	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
44	Streets Surroundings the Site	Curb	Yellow	Concrete	0.00	Negative	Santo Domingo Park
45	Streets Surroundings the Site	Curb	Yellow	Concrete	2.00	Positive	Santo Domingo Park
46	Streets Surroundings the Site	Curb	Blue	Concrete	0.00	Negative	Santo Domingo Park
47	Streets Surroundings the Site	Curb	Brown	Concrete	0.00	Negative	Santo Domingo Park
48	Streets Surroundings the Site	Curb	Yellow	Concrete	0.02	Negative	Santo Domingo Park
49	Streets Surroundings the Site	Curb	Blue	Concrete	0.02	Negative	Santo Domingo Park
50	Streets Surroundings the Site	Curb	Yellow	Concrete	3.40	Positive	Santo Domingo Park
51	Santo Domingo Park	Bollards	Brown	Metal	0.00	Negative	
52	Santo Domingo Park	Bollards	Brown	Metal	0.00	Negative	
53	Santo Domingo Park	Bollards	Brown	Metal	0.00	Negative	
54	Santo Domingo Park	Bollards	Brown	Metal	0.00	Negative	
55	Santo Domingo Park	Curb	Yellow	Concrete	0.00	Negative	
56	Santo Domingo Park	Curb	Blue	Concrete	0.01	Negative	
57	Santo Domingo Park	Light Pole	Brown	Metal	0.00	Negative	
58	Santo Domingo Park	Light Pole	Brown	Metal	0.00	Negative	
59	Santo Domingo Park	Light Pole	Brown	Metal	0.00	Negative	
60	Santo Domingo Park	Light Pole	Brown	Metal	0.00	Negative	

PROJECT:	2 Public Sites (Mariano Quiñones Square & Santo Domingo Park) San Germán, PR			CLIENT: JORGE RIGAU ARQUITECTOS PSC			
DATE:	3/18/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
61	Santo Domingo Park	Curb	Yellow	Concrete	0.00	Negative	
62	Santo Domingo Park	Curb	Brown	Concrete	0.01	Negative	
63	Santo Domingo Park	Bench	Green	Metal	0.00	Negative	
64	Santo Domingo Park	Bench	Green	Metal	0.00	Negative	
65	Santo Domingo Park	Bench	Green	Metal	0.00	Negative	
66	Santo Domingo Park	Bench	Green	Metal	0.00	Negative	
67	Santo Domingo Park	Bench	Green	Metal	0.00	Negative	
68	Santo Domingo Park	Curb	Yellow	Concrete	3.50	Positive	
69	Santo Domingo Park	Floor Markings	Blue	Concrete	0.00	Negative	
70	Santo Domingo Park	Curb	Yellow	Concrete	0.00	Negative	
71	Santo Domingo Park	Curb	Yellow	Concrete	1.20	Positive	
72	Mariano Quiñones Square	Raiser	Yellow	Concrete	0.00	Negative	
73	Mariano Quiñones Square	Pole	Yellow	Concrete	0.00	Negative	
74	Mariano Quiñones Square	Pole	Yellow	Concrete	0.01	Negative	
75	Mariano Quiñones Square	Curb	Brown	Concrete	0.01	Negative	
76	Mariano Quiñones Square	Curb	Yellow	Concrete	0.00	Negative	
77	Mariano Quiñones Square	Pole	Yellow	Concrete	0.00	Negative	
78	Mariano Quiñones Square	Pole	Yellow	Concrete	0.00	Negative	
79	Mariano Quiñones Square	Curb	Yellow	Concrete	0.00	Negative	
80	Mariano Quiñones Square	Raiser	Yellow	Concrete	0.02	Negative	
81	Mariano Quiñones Square	Curb	Yellow	Concrete	0.00	Negative	
82	Mariano Quiñones Square	Raiser	Yellow	Concrete	0.00	Negative	
83	Mariano Quiñones Square	Handrail	Brown	Metal	5.00	Positive	
84	Mariano Quiñones Square	Planter	Yellow	Concrete	0.00	Negative	
85	Mariano Quiñones Square	Planter	Yellow	Concrete	0.00	Negative	
86	Mariano Quiñones Square	Light Pole	Brown	Metal	0.00	Negative	
87	Mariano Quiñones Square	Light Pole	Brown	Metal	0.00	Negative	
88	Mariano Quiñones Square	Handrail	Brown	Metal	4.12	Positive	
89	Mariano Quiñones Square	Handrail	Brown	Metal	5.00	Positive	
90	Mariano Quiñones Square	Handrail	Brown	Metal	5.00	Positive	
91	Mariano Quiñones Square	Curb	Yellow	Concrete	0.00	Negative	
92	Mariano Quiñones Square	Raiser	Yellow	Concrete	0.00	Negative	
93	Mariano Quiñones Square	Curb	Yellow	Concrete	0.01	Negative	
94	Mariano Quiñones Square	Curb	Blue	Concrete	0.01	Negative	
95	Mariano Quiñones Square	Curb	Yellow	Concrete	4.10	Positive	
96	Mariano Quiñones Square	Curb	Yellow	Concrete	1.60	Positive	
97	Mariano Quiñones Square	Curb	Blue	Concrete	0.00	Negative	
98	Mariano Quiñones Square	Curb	Blue	Concrete	0.00	Negative	
99	Mariano Quiñones Square	Curb	Brown	Concrete	0.00	Negative	
100	Mariano Quiñones Square	Curb	White	Concrete	0.00	Negative	
101	Mariano Quiñones Square	Wall A	White	Concrete	0.00	Negative	Gazebo Interior
102	Mariano Quiñones Square	Wall B	White	Concrete	0.00	Negative	Gazebo Interior
103	Mariano Quiñones Square	Wall C	White	Concrete	0.00	Negative	Gazebo Interior
104	Mariano Quiñones Square	Wall D	White	Concrete	0.00	Negative	Gazebo Interior
105	Mariano Quiñones Square	Floor Tile	Cream	Ceramic	0.00	Negative	Gazebo Interior
106	Mariano Quiñones Square	Wall A	Yellow	Concrete	0.00	Negative	Gazebo Exterior
107	Mariano Quiñones Square	Wall B	Yellow	Concrete	0.00	Negative	Gazebo Exterior
108	Mariano Quiñones Square	Wall C	Yellow	Concrete	0.00	Negative	Gazebo Exterior
109	Mariano Quiñones Square	Wall D	Yellow	Concrete	0.03	Negative	Gazebo Exterior
110	Mariano Quiñones Square	Column	Brown	Metal	2.50	Positive	Gazebo Exterior
111	Mariano Quiñones Square	Column	Brown	Metal	2.50	Positive	Gazebo Exterior
112	Mariano Quiñones Square	Window Casing	Brown	Metal	0.00	Negative	Gazebo Exterior
113	Mariano Quiñones Square	Wall A	Brown	Concrete	0.00	Negative	Gazebo Exterior
114	Mariano Quiñones Square	Wall B	Brown	Concrete	0.01	Negative	Gazebo Exterior
115	Mariano Quiñones Square	Wall C	Brown	Concrete	0.00	Negative	Gazebo Exterior
116	Mariano Quiñones Square	Wall D	Brown	Concrete	0.00	Negative	Gazebo Exterior
117	Mariano Quiñones Square	Door	Brown	Wood	0.00	Negative	Gazebo Exterior
118	Mariano Quiñones Square	Door Frame	Brown	Wood	0.00	Negative	Gazebo Exterior
119	Mariano Quiñones Square	Soffit	Brown	Wood	0.00	Negative	Gazebo Exterior
120	Mariano Quiñones Square	Fascia	Green	Metal	0.00	Negative	Gazebo Exterior

[illegible]

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS SHEET

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

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.

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)						
	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
Substrate	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*.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8449	Date: 3/18/2023	
Description: Mariano Quiñones Square Lead containing metal handrail.		
Photo No. 8451	Date: 3/18/2023	
Description: Mariano Quiñones Square Lead containing metal handrail.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8452	Date: 3/18/2023	
Description: Mariano Quiñones Square Gazebo Exterior Lead containing metal handrail.		
Photo No. 8455	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8457	Date: 3/18/2023	<div data-bbox="203 590 344 617" data-label="Section-Header"> <p>Description:</p> </div> <div data-bbox="203 680 529 768" data-label="Text"> <p>In Between Both Sites Lead-based painted metal stop sign.</p> </div> <div data-bbox="594 363 1432 993" data-label="Image"> </div>
Photo No. 8458	Date: 3/18/2023	<div data-bbox="203 1352 344 1379" data-label="Section-Header"> <p>Description:</p> </div> <div data-bbox="203 1411 548 1528" data-label="Text"> <p>Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.</p> </div> <div data-bbox="594 1125 1432 1749" data-label="Image"> </div>



Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8459	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8460	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		


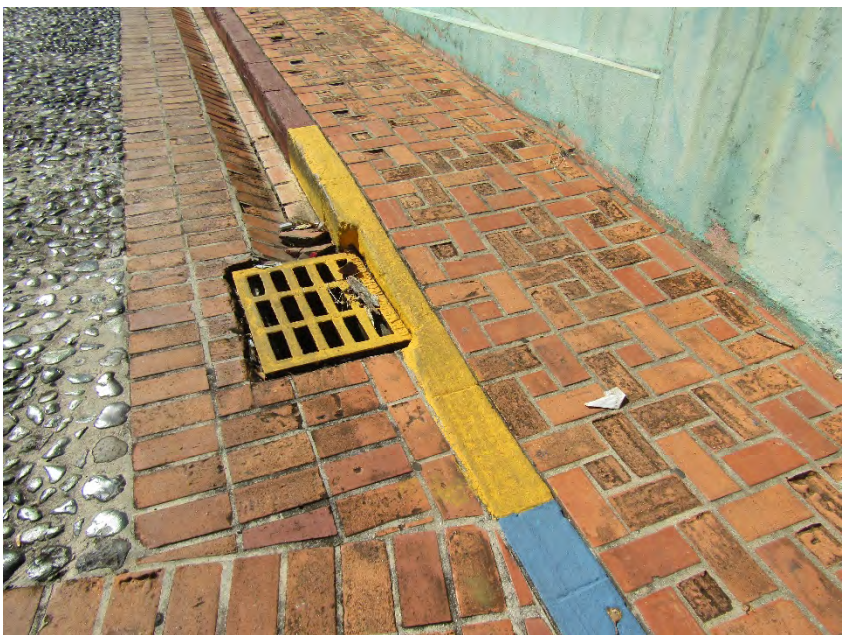
Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8461	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8462	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8463	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8464	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8465	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8466	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8467	Date: 3/18/2023	
Description: In Between Both Sites Lead-based painted metal hydrant.		
Photo No. 8468	Date: 3/18/2023	
Description: In Between Both Sites Lead-based painted metal sign.		



Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8469	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8471	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8474	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		
Photo No. 8475	Date: 3/18/2023	
Description: Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8477	Date: 3/18/2023	<div data-bbox="203 569 344 600" data-label="Section-Header"> <p>Description:</p> </div> <div data-bbox="203 663 548 779" data-label="Text"> <p>Mariano Quiñones Square Streets Surroundings the Sites Lead-based painted concrete curb.</p> </div> <div data-bbox="594 359 1429 989" data-label="Image"> </div>
Photo No. 8479	Date: 3/18/2023	<div data-bbox="203 1331 344 1362" data-label="Section-Header"> <p>Description:</p> </div> <div data-bbox="203 1457 509 1541" data-label="Text"> <p>Mariano Quiñones Square Lead-based painted concrete curb.</p> </div> <div data-bbox="594 1121 1429 1751" data-label="Image"> </div>

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX E: LOCATION OF POSITIVE MATERIALS



PLAZA FRANCISCO MARIANO QUIÑONES

NTS

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated March 2023.

LBP Legend:

- 1 Hand Rails
- 2 Columns
- 3 Concrete Curb
- 4 Fire Hydrant
- 5 Sign Pole

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos,
Lead Base Paint Consulting – Phone – Fax (787) 995-0005

Project: Francisco Mariano Quiñones Square–Santo Domingo Park San German, PR	
Date: March 2023	Project No. ZEM-23062
Drawing:	



PLAZA SANTO DOMINGO

NTS

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated March 2023.

LBP Legend:

- 1 Hand Rails
- 2 Columns
- 3 Concrete Curb
- 4 Fire Hydrant
- 5 Sign Pole

Zimmetry Environmental Environmental Building Inspectors Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995-0005	
Project: Francisco Mariano Quiñones Square–Santo Domingo Park San German, PR	
Date: March 2023	Project No. ZEM-23062
Drawing:	



DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO

Exhibit 7V



Memorandum to File

Date: October 13, 2025

Sol V Rosa

From: Sol V Rosa Ramos
Env Reviewer – Tetra-Tech
CDBG-DR Program
City Revitalization Program
Puerto Rico Department of Housing

Application Number: PR-CRP-000876

Project: Plaza Santo Domingo and Plaza Mariano Quiñones

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000876 Plaza Santo Domingo and Plaza Mariano Quiñones under the City Revitalization Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

Per the U.S. Department of Housing and Urban Development's (**HUD**) CPD Notice 23-103, the recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the following reasons:

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental Protection Agency. No other completed studies and reports on radon testing are available in Puerto Rico.
- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site

is in a high-risk area. The Department of Health and Human Services, Centers for Disease Control and Prevention (**CDC**), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI/AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.
- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.
- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

As part of the evaluation for this determination, PRDOH sent information requests to six (6) local agencies at the state and federal levels. We received responses from the following agencies:

- United States Geological Survey
- Centers for Disease Control and Prevention
- Puerto Rico Department of Health; and
- United States Environmental Protection Agency.

The agencies mentioned above confirmed the lack of scientific data on Radon testing for Puerto Rico and the technical difficulties that we face to comply with HUD's Radon testing requirement. For the above-mentioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review.

Radon Attachments



August 20, 2024

Mrs. Carmen R. Guerrero Pérez
Director
Caribbean Environmental Protection Division
City View Plaza II – Suite 7000
#48 Rd. 165 km 1.2
Guaynabo, PR 00968-8069

Via email: guerrero.carmen@epa.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Barbosa Ave. #506, Building Juan C. Cordero Davila, Rio Piedras, PR 00926 | P.O. Box 21365 San Juan, PR 00926-1365
Tel: (787) 274-2527 | www.caribbean.gov



August 20, 2024

Dr. Silvina Cancelos
Professor
College of Engineering
University of Puerto Rico – Mayagüez Campus
259 Norte Blvd. Alfonso Valdés Cobán
Mayagüez, Puerto Rico

Via email: silvina.cancelos@upr.edu

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Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodriguez Rodriguez, Esq.
Secretary

CC: Mr. Oleg Poverkin, Poverkin.Oleg@epa.gov
Mr. Matthew Lantia, lantia.matthew@epa.gov

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Sincerely,

William O. Rodriguez Rodriguez, Esq.
Secretary

CC: Dr. Carlos Marín, carlos.marin@upr.edu



August 20, 2024

Dr. Jessica Izarry
Director
Office of Island Affairs
U.S. Centers for Disease Control and Prevention
1324 Cll Canada, San Juan, 00920
Guaynabo, PR 00968-8069

Via email: OIA@cdc.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

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Barbosa Ave #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | info@prdoh.pr.gov

CDBG-DR/MIT Program
Request for Information in relation with HUD CDP-23-103 for Puerto Rico
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Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary



August 20, 2024

Mrs. Anais Rodríguez
Secretary
Puerto Rico Department of Natural Resources
Carretera 8838, km. 6.3, Sector El Cinco,
Rio Piedras San Juan, PR 00926

Via email: anais.rodriguez@dnpa.pr.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

CC: Mr. Luis Márquez, secretariadnpa@dnpa.pr.gov
Eng. Amarilis Rosario, aire@dnpa.pr.gov
Mrs. Elda Orrego, ortegad@dnpa.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Carlos R. Mellado López
Secretary
Puerto Rico Department of Health
P.O. Box 70184
San Juan, PR 00936-8184

Via email: drccarlos.mellado@salud.pr.gov

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Tel: (787) 274-2527 | communications@pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Holly Weyers
Regional Director, Southeast – Puerto Rico
US Geological Survey
3916 Sunset Ridge Road
Raleigh, NC 27607

Via email: hweyers@usgs.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

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CDBG-DR/MIT Program
Request for information in relation with HUD CDP-23-103 for Puerto Rico
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Sincerely,


William C. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Raúl Hernández Doble, thernandez2@salud.pr.gov

CDBG-DR/MIT Program
Request for information in relation with HUD CDP-23-103 for Puerto Rico
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Sincerely,


William C. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. R. Randall Schumann, rschumann@usgs.gov

From: Charp, Paul (CDC/NCEH/DEHSP) <pac4@cdc.gov>
Sent: Tuesday, September 3, 2024 6:36 AM
To: Miranda, Sandra (CDC/PHIC/DPS); Irizarry, Jessica (CDC/PHIC/DPS); Rzeszutarski, Peter (CDC/NCEH/DEHSP); Vinson, D. Aaron (CDC/NCEH/DEHSP)
Cc: Kostak, Liana (CDC/PHIC/DPS); Vazquez, Germaine (CDC/NCEH/DEHSP)
Subject: RE: REHi: Puerto Rico Request for Information- Randon testing and levels

Good morning, Sandra and others,

In response to the request from Mr. William Rodriguez of the Department of Housing, Government of Puerto Rico, I have reviewed all the available data within the CDC National Environmental Public Health Tracking Network system for data related to radon in Puerto Rico. In addition to the tracking data available on the internet, I also reached out to Mr. Aaron Vinson of the NCEH Tracking Branch.

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. Rodriguez in your response to his requests

If you have any additional questions, please contact me.

Thank you and best regards,

Paul A. Charp, Ph.D., Fellow, HPS
Senior Health Physicist
Emerging Environmental Hazards and Health Effects Branch (EEHHEB)
Division of Environmental Health Science and Practice (DEHSP)
National Center for Environmental Health (NCEH)
Centers for Disease Control and Prevention (CDC)
pcharp@cdc.gov
770-488-0723 office
404.388.0614 Cell



From: Schumann, R. Randall <rschumann@usgs.gov>
Sent: Wednesday, August 21, 2024 4:39 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Weyers, Holly S <hsweyers@usgs.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>
Subject: RE: Request for Information- Radon testing and levels

Dear Ms. Medina Smaine,

In the early 1990s the U.S. Geological Survey (USGS) conducted geologic assessments of radon potential for all 50 states and the territories of Guam and Puerto Rico, in collaboration with the U.S. EPA. I conducted the geologic radon potential assessment for Puerto Rico. The PDF file of the report is too large to attach to this message but it can be obtained at <https://pubs.usgs.gov/of/1993/0292k/report.pdf>. The USGS did not conduct indoor radon testing and we did not conduct field studies associated with this assessment; it was based on existing data. Mr. David Saldana of the Puerto Rico Department of Health kindly provided us with data for 610 homes that were tested for indoor radon by his agency between 1993 and 1995, which are summarized in the report. I am not aware of any other radon-related geologic studies conducted in the Commonwealth of Puerto Rico by the U.S. Geological Survey.

Best regards,

R. Randall Schumann
Scientist Emeritus
U.S. Geological Survey
Geosciences and Environmental Change Science Center
Denver, Colorado, USA
rschumann@usgs.gov
<https://www.usgs.gov/staff-profiles/r-randall-schumann>

From: Raul Hernandez Doble <rhernandez2@salud.pr.gov>
Sent: Wednesday, August 21, 2024 2:13:31 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Dr. Carlos Mellado <drcarlos.mellado@salud.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Mayra Toro Tirado <mtoro@salud.pr.gov>
Subject: RE: [EXTERNAL] Request for Information- Radon testing and levels

Good afternoon. Ms. Medina

I regret to inform that we do not have any recent information on radon testing, since we do not have a certified radiation laboratory certified for radon testing. There are companies that sell test kits available online that can be done and mailed to a testing laboratory. There are also lists of radon contractors and these companies that process radon testing cartridges with instructions, on the Environmental Protection Agency Indoor air Quality web page. The last radon study in Puerto Rico done by the PR Department of Health was done on the year 1993.

Raul Hernandez Doble
Director, Seccion Salud Radiologica
Division de Salud Ambiental
Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica
rhernandez2@salud.gov.pr
Phone: (787)765-2929 ext. 3210

From: Reyes, Brenda <Reyes.Brenda@epa.gov>
Sent: Wednesday, September 18, 2024 11:48 AM
To: Cesar O Rodriguez Santos <cesarrodriguez@drna.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Silvina Cancelos Mancini <silvina.cancelos@upr.edu>; Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Povetko, Oleg (he/him/his) <Povetko.Oleg@epa.gov>
Subject: RE: Request for Information- Randon testing and levels

Saludos.

La EPA esta trabajando una respuesta a su petición. Se sometió borrador a la directora y el subdirector para su aprobación y firma.

Brenda Reyes Tomassini
Public Affairs
U.S. EPA
Region 2
Caribbean Environmental Protection Division
(787) 977-5869/(787) 977-5865
Mobile: 202-834-1290

From: Silvina Cancelos Mancini <silvina.cancelos@upr.edu>
Sent: Friday, September 6, 2024 15:04
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Reyes, Brenda <Reyes.Brenda@epa.gov>; Povetko, Oleg <Povetko.Oleg@epa.gov>
Subject: Re: Request for Information- Randon testing and levels

Estimada Melanie Medina

Quería dejarle saber que recibimos su correo el 21 de agosto al igual que el de Maritza Rosa el pasado 4 de septiembre. Ya las personas involucradas de EPA, junto conmigo y el Dr. Marín estamos al tanto del asunto y estamos trabajando para poder enviarles la información.

Atentamente

Silvina Cancelos
Professor
Associate Director
Mechanical Engineering Department
University of Puerto Rico - Mayaguez
Call BOX 9000 Mayaguez PR 00680
Tel: 787-832-4040 ext 5956
email: silvina.cancelos@upr.edu



Bubble Dynamics Lab
University of Puerto Rico - Mayaguez



EPA REGION 2
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION

September 23, 2024

VIA EMAIL

William O. Rodriguez Rodriguez, Esq.
Secretary
Puerto Rico Department of Housing
Barbosa Ave. 606 Building Juan C. Cordero
San Juan, PR 00917
Email: W.Rodriguez@vivienda.pr.gov

RE: EPA Response to August 20, 2024 request for information of data on radon testing and levels in Puerto Rico

Dear Honorable Secretary Rodriguez Rodriguez:

This communication is in response to your letter of August 20, 2024 addressed to the Puerto Rico Department of Natural and Environmental Resources (DNER) and referred to the U.S. Environmental Protection Agency (EPA) regarding available data on radon testing and levels within Puerto Rico.

EPA's National Radon Action Plan 2021–2025 sets a goal for the nation to find, fix and prevent high indoor radon levels in 8 million buildings by 2025 and prevent 3,500 lung cancer deaths per year. Under this Plan, leaders from across multiple sectors are working together to plan, guide, and sustain nationwide action to prevent exposure to radon.

Due to the lack of data in Puerto Rico, EPA undertook an investigation in collaboration with the University of Puerto Rico-Mayaguez (UPRM) Campus, Departments of Civil Engineering and Surveying and Mechanical Engineering, to find out if radon presented a problem in Puerto Rico. Up until 2021, the only data we had for Puerto Rico was a 1993–1995 mail-in radon screening study referred to by the U.S. Geological Survey report (USGS, 1995) in which the USGS concluded that several areas of Puerto Rico have the geologic potential to generate indoor radon levels exceeding the EPA Action Level of 4 pCi/L (picocuries per liter), perhaps locally reaching very high levels above 50 pCi/L, if a house construction and

ventilation allow for soil-gas radon to enter and concentrate within the structure.¹ According to the USGS report, most of these areas are located in the northwest part of the island. Please note that the actual 1993–1995 study documentation is not available to the EPA.

Typical radon testing technology used in mainland United States (charcoal canisters or electric-powered devices) are impractical in Puerto Rico because of high humidity and power outages. The recovery and rebuilding of communities following the aftermath of 2017 Hurricanes Irma and Maria presented an opportunity to develop radon prevention and mitigation strategies in 2019. Initially, EPA sampled indoor radon air in over 170 single-family residences in the municipalities of San Sebastian, Lares, Ciales, Arecibo, Morovis, Camuy, and Hatillo and later expanded the project to other municipalities such as Rincon, Aguada, Aguadilla, Isabela, Quebradillas, Barceloneta and Vega Baja. The quality assurance protocols were anchored in American National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST) standards of practice (ANSI/AARS, 2019). The sampling was designed in two stages: scoping and confirmatory sampling. The scoping sampling was conducted using Corentium Home (CH) electronic monitors and E-Perm systems. Locations measuring above the EPA Action Level of 4 pCi/L with CH were measured at the second stage of the sampling using RAD7 and Corentium Pro Continuous Radon Monitors (CRMs). Nationally certified radon sampling professionals led by one such professional from the UPRM conducted confirmatory sampling in the second stage. Also, during the study, the nationally certified radon mitigation professionals inspected several homes with elevated indoor radon levels.

Mapping radon in Puerto Rico proved to be a complicated endeavor given the COVID-19 pandemic in 2020. EPA and UPRM continue to work on the project, however, results have not been finalized, and no scientific report has been published yet. Unfortunately, EPA cannot share preliminary data at this time because it contains privileged information. Nevertheless, preliminary data from the study does show homes with levels over 4 pCi/L (EPA Action Level) that might need mitigation to protect the health of their inhabitants.

Although many states have developed laws and regulations governing radon disclosure, certification, and mitigation, Puerto Rico lacks legislation or mandatory radon testing provisions for new construction, remodeling, selling or buying homes. Given this loophole and aiming to answer your request, the EPA can provide information on Best Management Practices for sampling indoor radon in Puerto Rico.

¹ **Reference:** USGS. Geologic Radon Potential of Guam and Puerto Rico, Report 93-292-K. Washington, DC: USGS. Retrieved 9/11/2024, from <https://pubs.usgs.gov/of/1993/0292k/report.pdf>.

CITY VIEW PLAZA II BUILDING, 7TH FLOOR
ROUTE 185 GUAYNABO, PR 00968

2

If you have any questions or need any additional information, please contact me at 787-977-5865 or guerrero.carmen@epa.gov or have your staff contact Reyes, Brenda at reyes.brenda@epa.gov or (787) 977-5869.

Sincerely,

**CARMEN
GUERRERO
PEREZ**

Carmen R. Guerrero Pérez
Director

Digitally signed by
CARMEN GUERRERO PEREZ
Date: 2024.09.23 09:41:39
-04'00'

cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)
Melany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriquez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@drna.pr.gov



Transmittal Letter



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.

December 2, 2024

Reviewer **DAMARIS ROMAN RUIZ** Digitally signed by DAMARIS ROMAN RUIZ
Date: 2024.12.03 10:35:30 -04'00'

LOURDES MENA Digitally signed by LOURDES MENA
Date: 2024.12.04 07:12:27 -04'00'
Caribbean ES Field Supervisor

Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
P.O. Box 491
Boquerón, Puerto Rico 00622
Email: caribbean@es@fws.gov

RE: USFWS Endangered Species Act Certifications – City Revitalization Program November 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-000205	Hotel del Valenciano
PR-CRP-000771	Revitalization of Plaza Luis Muñoz Rivera in the Urban Center of Arecibo
PR-CRP-000876	Domingo and Plaza Mariano Quiñones
PR-CRP-001179	Rehabilitación y Mejoras al Edificio de Biblioteca Municipal

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
Disaster Recovery Office

Self-Certification

<http://www.fws.gov/caribbean/ES/Index.html>

Endangered Species Act Certification

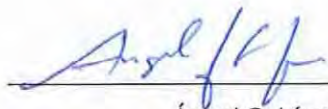
The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

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 Santo Domingo and Plaza Mariano Quiñones (PR-CRP-000876)**, consisting of improvements within the Plaza’s perimeter and also outside, partially intervening in some streets and surrounding intersections, the proposed project limits will be partially repaved. In the plazas as such, various repairs are proposed: curbs, low walls, brick paving, river chinos and mortar. The works also include the replacement of the “Canarian” slab. The scope of works also include, electrical improvements, lighting poles, plumbing improvements and drains, changes in the landscaping design and various improvements in concrete and tarnished. The project located at Calle Ruiz Belvis, Plaza Francisco Mariano Quiñones, San German PR, 00683, complies with:

Check	Project Criteria
<input type="checkbox"/>	1. Street resurfacing.
<input 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 checked="" 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

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

Nov. 20, 2024

Date

June 12, 2024

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico 00683

Municipality: San German, Puerto Rico 00683

RE: No Effect Determination for PR-CRP-000876

EXECUTIVE SUMMARY

Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure the actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service ("FWS" and "NMFS" or "the Services").

This memo serves to document that the proposed project, PR-CRP-000876, located at Ruiz Belvis Street, San Germán, Puerto Rico (Plaza Santo Domingo Parcel ID #334-034-032-01-000 and Plaza Mariano Quiñones Parcel ID #334-034-019-01-000) was reviewed in accordance with Section 7 of the Endangered Species Act of 1973 (16 USC 1536) as well as the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*) by a qualified Biologist, resulting in a 'No Effect' determination.

The goal of the City Revitalization Program is to help shape and implement the future vision of communities that were affected by Hurricanes Irma and María and will support the municipal governments and other eligible organizations to undertake a variety of recovery activities aimed at reinvigorating downtown areas, urban centers, and key community corridors. As such, The Municipality of San Germán proposes the rehabilitation of the two most prominent public spaces in the city: Plaza Santo Domingo and Plaza Francisco Mariano Quiñones. Both squares make up the urban "backbone" of the town of San Germán.

Project Description

The property, Plaza Santo Domingo and Plaza Francisco Mariano Quiñones, are longitudinal and are bordered by streets on all four sides. Francisco Mariano Quiñones is surrounded by Padre San Agustinos, Ruiz Belvis, De la Cruz streets and an unnamed street space in front of the mayor's office. Plaza Santo Domingo is surrounded by Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Mariano Quiñones and Plaza Santo Domingo are surrounded by Ruiz Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Francisco Mariano Quiñones covers 1,185 square meters; and Plaza de Santo Domingo comprises 1,209 square meters.

The project scope includes improvements within the Plaza's perimeter and also outside, partially intervening in some streets and surrounding intersections. The street areas within the proposed project limits will be partially repaved. In the plazas as such, various repairs are proposed: curbs, low walls, brick paving, river chinos and mortar. The works also include the

replacement of the “Canarian” slab. The scope of works also include, electrical improvements, lighting poles, plumbing improvements and drains, changes in the landscaping design and various improvements in concrete and tarnished. The Plaza Santo Domingo and Plaza Francisco Mariano Quiñones rehabilitation will take place at the following approximate coordinates:

- Plaza Santo Domingo
Lambert Coordinates (Datum NAD 83) for the proposed project are: X= 18.082 Y= - 67.042
- Plaza Mariano Quiñones
Lambert Coordinates (Datum NAD 83) for the proposed project are: X= 18.0822 Y= - 67.0431

See Site map at Appendix A, Figure 1.

The field observations depicting and clarifying the extend and location of the project activities and a description of observed flora and fauna, are included in Appendix B.

As indicated by the USFWS Official Species List obtained from the Information and Planning Consultation (IPaC) system (Appendix C) and USFWS Critical Habitat Data (Appendix C and Appendix A, Figure 6), the proposed project lies within the range of the following federally listed species and critical habitats:

Federally Listed Species	
Species	Status
Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>)	Endangered
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered
Critical Habitats	
Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>)	

Existing Conditions

The project area consists of approximately 0.59-acres (Plaza Santo Domingo 0.30-acres or 1,209 m² and Plaza Francisco Mariano Quiñones 0.29-acres or 1,185 m²). A topographic map is included (see Appendix A, Figure 1). The project is located in Zone X on the FEMA Flood map and ABFE map, panel number 72000CO1560J dated November 18, 2009 (see Flood Map Appendix A, Figure 3 and ABFE map Appendix A, Figure 4). A Preliminary FIRM has not been developed for this area. There are no wetlands at the project site or within a 500 meters radius of the project site. There are no surface water bodies (natural or manmade) located at the project site or within a 500-meters radius of the project location. The project activities will not occur within a natural or manmade wetland and no direct or indirect impacts are anticipated as a result of the project activities (see wetlands map Appendix A, Figure 5).

Species Analysis

Puerto Rican Boa (*Chilabothrus inornatus*): The Puerto Rican boa (*Chilabothrus inornatus*) is endemic to Puerto Rico. It is a large, semi-arboreal nocturnal and nonvenomous snake with color variations from tan to very dark brown and some black body markings. Although the actual life span of Puerto Rican boas in the wild is unknown, some information suggests they may live up to 20–30 years. The Puerto Rican boa is considered a habitat generalist and tolerates a wide variety of habitat types (terrestrial and arboreal) from coastal forest to wet karst and montane forest, along streams, forest and road edges and within rural, suburban and some urban areas. Cave systems and their surrounding forests are identified as particularly important because of the ecological resources available (e.g., prey and shelter) for the Puerto Rican boa. The species is considered widely distributed, but not uniformly abundant across the island. It has been reported in all of the municipalities of mainland Puerto Rico. The Puerto Rican boa can persist in fragmented urban landscapes when suitable habitat is available, but preferred forest land cover over urban or grassland¹.

Yellow-shouldered Blackbird (*Agelaius xanthomus*): Known in Puerto Rican Spanish as *mariquita de Puerto Rico* or *capitán*, is a species of blackbird endemic to Puerto Rico. It has black plumage with a prominent yellow patch on the wing. Adult males and females are of similar appearance. The species is predominantly insectivorous. The species was once commonly found in the coastal forests of the archipelago of Puerto Rico, but during the early 20th century, these forests were cut down to allow for the development of sugarcane plantations. After the decline of the sugar industry after the 1930s the coastal areas were developed for housing. As a result, the species is now limited to three areas: the islands of Mona and Monito, where a subspecies developed (*A. g. xmonensis*); the former Roosevelt Roads Naval Station area in eastern Puerto Rico; and the southern Puerto Rican dry forests and mangroves. Although all three locations are considered coastal subtropical dry forests, the species has been observed as far inland as the mountain town of Lares and in subtropical wet forests during the non-breeding season. The species has also been observed at the Cabo Rojo National Wildlife Refuge. The destruction of habitat and brood parasitism by the shiny cowbird (*Molothrus bonariensis*) led to a drastic population decline. Conservation efforts have increased the population. The yellow-shouldered blackbird breeding season commonly spans from April to August but breeding activity has been observed from February to November. Nests contain from one to four eggs with an average of three. As with other *Agelaius* species, it usually builds open, cup-shaped nests in trees, but nest locations and shapes may vary depending on location and availability of building materials. The Roosevelt Roads' population builds nests on hollows in dead mangroves, while the Mona subspecies builds nests in ledges or crevices near the coastal cliffs. In all, the species uses eight distinct nesting habitats: mudflats and salinas; offshore red mangrove cays; black mangrove forest; lowland pastures (dry coastal forest); suburban areas; coconut plantations; and coastal cliffs. Building of the nest is performed solely by females while feeding of the young is performed by both sexes. Yellow-shouldered blackbirds

¹ U.S. Fish and Wildlife Service, Puerto Rican Boa (*Chilabothrus inornatus*) Species Status Assessment, Version 1.2. April 2021

are non-migratory birds, but a portion of the population of the nominate form moves from coastal areas to inland areas during the non-breeding season to feed².

Effects Determination

Based on a review of site photos and other information gathered during a site visit on February 1, 2023 and May 31, 2024, none of the species listed above were observed at the project location and in its vicinity. The species observed at Plaza Mariano Quiñones and Plaza Santo Domingo and adjacent streets are widely distributed in Puerto Rico. No threatened or endangered species was observed at the project site³. There are no critical habitats at the project location for the Puerto Rican Boa; however, USFWS indicates the proposed project site overlaps an area identified as critical habitat for the Yellow-shouldered Blackbird. During site visit to the project site (February 1, 2023 and May 31, 2024) the Yellow-shouldered Blackbird (*Agelaius xanthomus*) was not observed. It is important to note that no bird nests were observed at the existing trees on both the plazas. Having carefully analyzed the project site and the information available, including the IPaC species list and available Dkey(s), critical habitat data, nature of the project, previous site disturbance, and scope of project activities, the following effect determinations have been made:

Species	Effect Determination	Conservation Measures to be Implemented (if needed)
Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>)	No Effect	None Required
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	No Effect	None Required



William Sarriera
Biologist

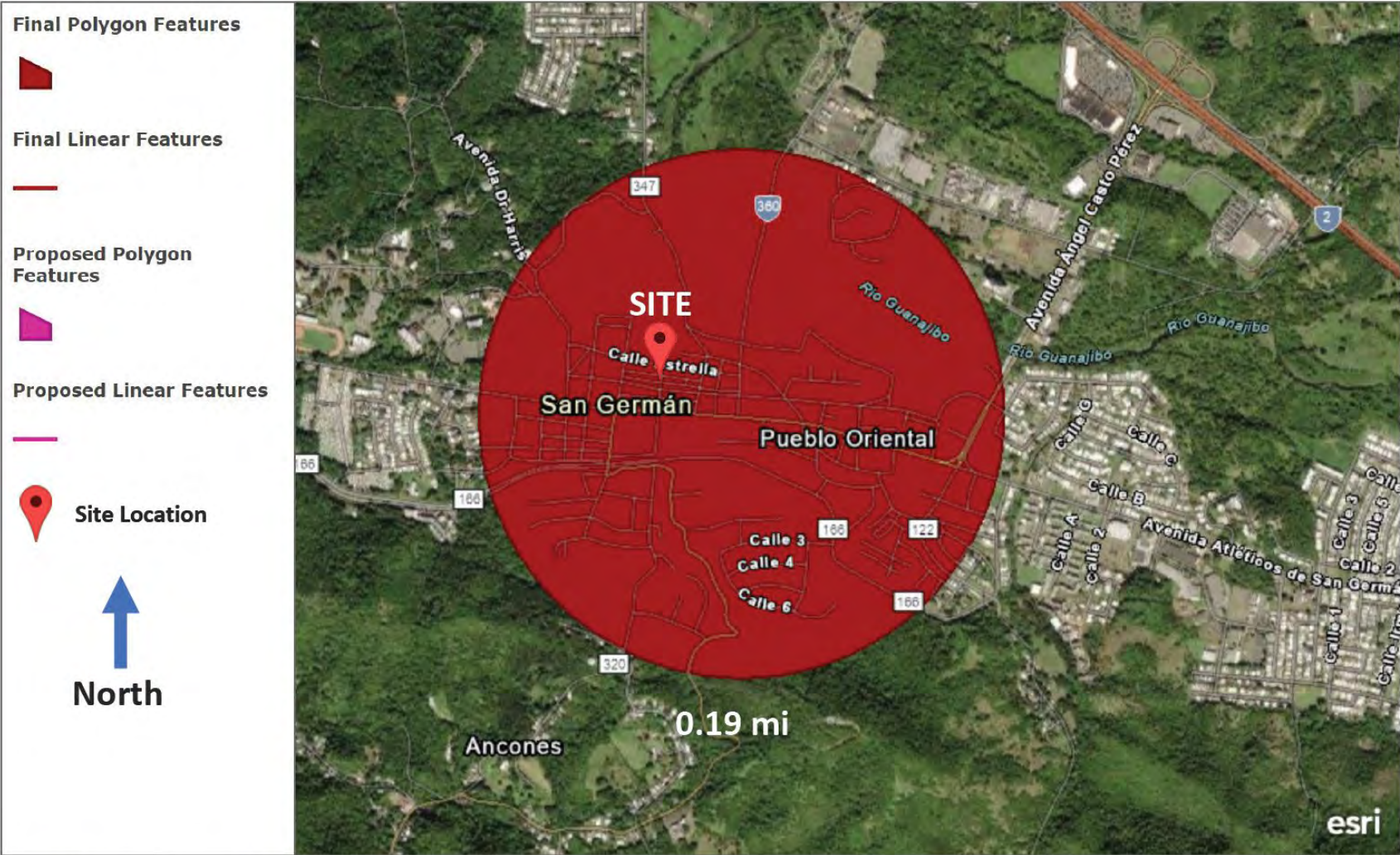
12 June 2024

² U.S. Fish and Wildlife Service, Species profile for Yellow-shouldered Blackbird". Retrieved February 14, 2023.
Oberle, Mark (2003). Las aves de Puerto Rico en fotografías (in Spanish). Editorial Humanitas.
Raffaele, Herbert A., Una Guía a las Aves de Puerto Rico y las Islas Vírgenes. Publishing Resources, Inc.
Princeton University Press. Segunda Edición. 1970.

³ ACEnvironmental, Flora and Fauna Description, Plaza Santo Domingo y Plaza Mariano Quiñones, San Germán, Puerto Rico. 2024

Appendix A Figures

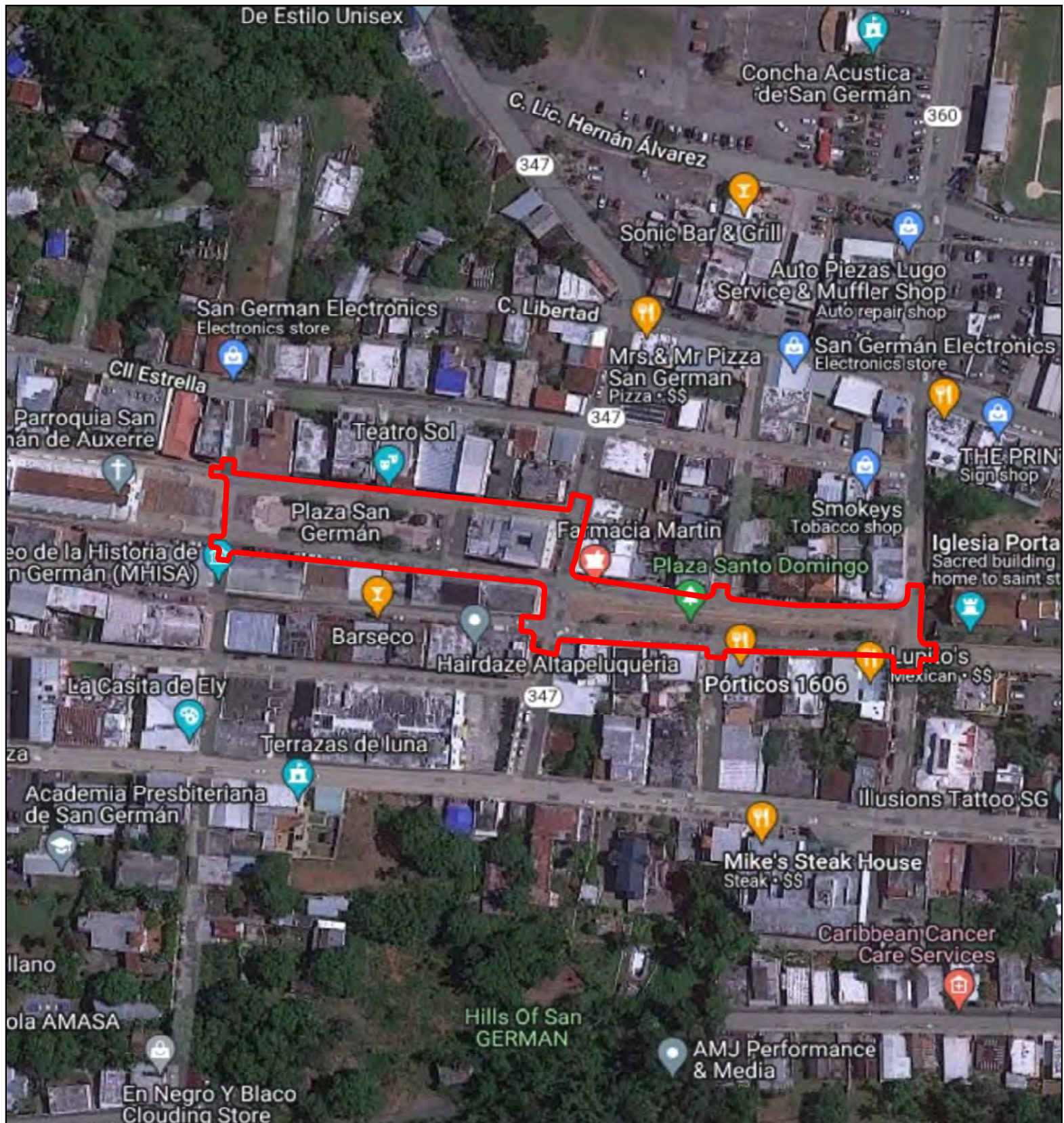
PR-CRP-000876 PLAZA SANTO DOMINGO and PLAZA MARIANO QUIÑONES
FIGURE 1 CRITICAL HABITAT FOR THREATENED & ENDANGERED SPECIES



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS

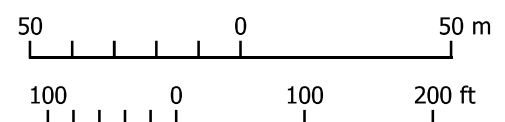
Project Location: Calle Ruiz Belvis y Calle Arce Lugo, San German
Project Coordinates: X= 18.0822 Y= -67.0431
Map Source: [Critical Habitat for Threatened & Endangered Species \[USFWS\] \(arcgis.com\)](#)

**Legend:**

Proposed Project Site

Reference: Google Satellite Hybrid

Project Location: Calle Ruiz Belvis y Calle Arce Lugo, San Germán, PR



Project Coordinates: 18,0822, -67.0431

**Appendix B Flora and Fauna Description, Plaza Santo Domingo y Plaza Mariano
Quiñones, San Germán, Puerto Rico**

Flora and Fauna Description
Plaza Santo Domingo y Plaza Mariano Quiñones
San Germán, Puerto Rico

Project Description

The Municipality of San Germán has proposed the rehabilitation of the two most outstanding public spaces in the city: the Santo Domingo Plaza and the Francisco Mariano Quiñones Plaza. Both squares make up the urban "backbone" of the town, linked by Ruiz Belvis Street, which they share. Both plazas are longitudinal and are bordered on all four sides by streets. Plaza Mariano Quiñones is surrounded by Padre San Agustinos, Ruiz Belvis, De la Cruz and an unnamed street space in front of the mayor's office. Plaza Santo Domingo is surrounded by Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Mariano Quiñones covers 1,185 square meters; Plaza Santo Domingo covers 1,209 square meters. See Appendix A, Figures 1 and 2.

The project proposed here for both spaces includes improvements inside the perimeter and outside, partially intervening some streets and the surrounding intersections. The taxiway areas will be partially repaved. In the plazas as such, various repairs are proposed: embankments, low walls, brick paving, river stones and mortar. The works also include the replacement of canary stone slabs. Electrical upgrades, lighting poles, plumbing and drainage improvements, as well as landscaping changes are part of the scope of work. In addition, various concrete and plastering improvements.

The proposed project area was visited on February 1, 2023 and May 31, 2024. The site is completely developed.

Plaza Santo Domingo

The flora at Plaza Santo Domingo consists of ten (10) yellow elder or roble amarillo (*Tecoma stans*) trees located on the south side of the Plaza. On the northern side of the plaza, there was one roughbark lignum-vitae (*Guaiacum officinale*) and one red bottlebrush (*Melaleuca citrina*). Table 1 below summarizes the flora species observed at Plaza Santo Domingo.

Table 1 – List of Flora Observed Within Plaza Santo Domingo

Common Name	Scientific Name	References
Yellow elder or Roble amarillo	<i>Tecoma stans</i> (L.)	Little, Elbert; Wadsworth, Frank; José Marrero, Árboles Comunes de Puerto Rico y las Islas Vírgenes, Editorial de la Universidad de Puerto Rico, 2001 Edwin & García M.O. (1990) Guía ilustrada de yerbas comunes en Puerto Rico. UPR-RCM Colegio de Ciencias Agrícolas / Servicio de Extensión Agrícola.
Roughbark lignum-vitae or Guayacán	<i>Guaiacum officinale</i>	
Red bottlebrush or Cepillo de botella	<i>Melaleuca citrina</i>	

The observed fauna at Plaza Santo Domingo was represented exclusively by bird species of wide-ranging distribution in Puerto Rico. No presence of reptile or amphibian species was observed

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico

during the site visit. Table 2 below summarizes the fauna species observed at Plaza Santo Domingo.

Table 2 – List of Fauna Observed Within Plaza Santo Domingo

Common Name	Scientific Name	References
Paloma común	<i>Columba livia</i>	Raffaele, Herbert A., Una Guía a las Aves de Puerto Rico y las Islas Vírgenes. Publishing Resources, Inc. Princeton University Press. Segunda Edición. 1970.

Plaza Mariano Quiñones

The flora at Plaza Mariano Quiñones is comprised of eight (8) weeping fig tree (*Ficus benjamina*) trees located on the south side of the Plaza. On the northern side of the plaza, there was one roughbark lignum-vitae (*Guaiaecum officinale*) and one red bottlebrush (*Melaleuca citrina*). Table 3 below summarizes the flora species observed at Plaza Santo Domingo.

Table 3 – List of Flora Observed Within Plaza Mariano Quiñones

Common Name	Scientific Name	References
Weeping fig tree or Ficus tree	<i>Ficus benjamina</i>	Little, Elbert; Wadsworth, Frank; José Marrero, Árboles Comunes de Puerto Rico y las Islas Vírgenes, Editorial de la Universidad de Puerto Rico, 2001
Silver buttonwood tree or Mangle plateado	<i>Conocarpus erectus</i> var. <i>sericeus</i>	
Croto or Dracaena	<i>Cordyline fruticosa</i> (L.) A. Chev.	Edwin & García M.O. (1990) Guía ilustrada de yerbas comunes en Puerto Rico. UPR-RCM Colegio de Ciencias Agrícolas / Servicio de Extensión Agrícola.
Cape plumbago Isabel Segunda	<i>Plumbago auriculata</i>	

The observed fauna at Plaza Mariano Quiñones was represented exclusively by bird species of wide-ranging distribution in Puerto Rico. No presence of reptile or amphibian species was observed during the site visit. Table 4 below summarizes the fauna species observed at Plaza Santo Domingo.

Table 4 – List of Fauna Observed Within Plaza Mariano Quiñones

Common Name	Scientific Name	References
Rock dove or Paloma común	<i>Columba livia</i>	Raffaele, Herbert A., Una Guía a las Aves de Puerto Rico y las Islas Vírgenes. Publishing Resources, Inc. Princeton University Press. Segunda Edición. 1970.
Caribbean martin or Golondrina de iglesias	<i>Progne dominicensis</i>	

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico

USFWS Critical Habitat and Federal Listed Species

As indicated by the Official Species List obtained from the Information and Planning Consultation (IPaC) system (Appendix C) and USFWS Critical Habitat data (Appendix C, and Appendix A Figure 2), the proposed project lies within the ranges of the following federally listed species and critical habitats:

Table 5 - Federally Listed Species

Species	Status
Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>)	Endangered
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered
Critical Habitats	
Yellow-shouldered Blackbird (<i>Agelaius xanthomus</i>)	

The species observed at Plaza Mariano Quiñones and Plaza Santo Domingo and adjacent streets are widely distributed in Puerto Rico. No threatened or endangered species was observed at the project site.

While the USFWS has identify the Puerto Rican Boa (*Epicrates inornatus*) and the Yellow-shouldered Blackbird (*Agelaius xanthomus*) endangered species that might potentially be affected by the proposed project these species were not observed at the project site.

There are no critical habitats at the project location for the Puerto Rican Boa however, USFWS indicates the proposed project site overlaps an area identified as critical habitat for the Yellow-shouldered Blackbird. During site visit to the project site (February 1, 2023 and May 31, 2024) the Yellow-shouldered Blackbird (*Agelaius xanthomus*) was not observed. It is important to note that no bird nests were observed at the existing trees on both the plazas.

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico

Photos



Photo #1 – *Tecoma stans* trees at Plaza Santo Domingo.



Photo #2 – *Guaiacum officinale* tree at Plaza Santo Domingo

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico



Photo #3 - *Melaleuca citrina* tree at Plaza Santo Domingo.



Photo #4 – *Columba livia* individuals resting on a building.

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico



Photo #5 - *Progne dominicensis* individual resting on a cable.



Photo #6 - View of Plaza Mariano Quiñones

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico



Photo #7 - *Ficus benjamina* trees at Plaza Mariano Quiñones.



Photo #8 - *Cordyline fruticosa* (L.) A. Chev. at Plaza Mariano Quiñones.



Photo #9 - *Plumbago auriculata* at Plaza Mariano Quiñones.

Applicant ID: PR-CRP-000876

Street Address: Pueblo Ward, Ruiz Belvis Street, San German, Puerto Rico

Municipality: San German, Puerto Rico

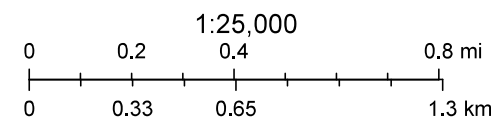


Photo #10 - *Conocarpus erectus* var. *sericeus* at Plaza Mariano Quiñones.



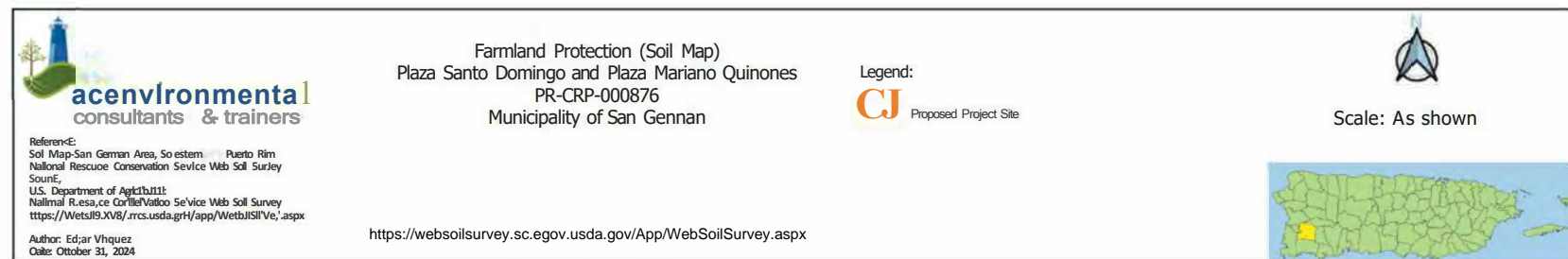
Legend:

-  1-mile Project Buffer
-  Project Site



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

October 15, 2025 SVR - T1



Soil Map—San German Area, Southwestern Puerto Rico
(Proposed Project Site)

MAP LEGEND		MAP INFORMATION
	Area of Interest (AOI)	The soil surveys that comprise your AOI were mapped at 1:20,000.
	Soil Map Unit Polygons	
	Soil Map Unit Lines	Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.
	Soil Map Unit Points	
	Special Point Features	Please rely on the bar scale on each map sheet for map measurements.
	Blowout	
	Borrow Pit	Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)
	Clay Spot	
	Closed Depression	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.
	Gravel Pit	
	Gravelly Spot	This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.
	Landfill	
	Lava Flow	Soil Survey Area: San German Area, Southwestern Puerto Rico; Survey Area Date: Version 10, Sep 10, 2024
	Marsh or swamp	
	Mineral Quarry	Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.
	Miscellaneous Water	
	Perennial Water	Date(s) serial images were photographed: Jan 23, 2022—Mar 1, 2022
	Rock Outcrop	
	Saline Spot	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.
	Sandy Spot	
	Severely Eroded Spot	
	Sinkhole	
	Slide or Slip	
	Sodic Spot	
	Special Line Features	
	Stream and Canals	
	Rails	
	Interstate Highways	
	US Routes	
	Major Roads	
	Local Roads	
	Aerial Photography	

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ua	Urban land	1.6	100.0%
Totals for Area of Interest		1.6	100.0%



Reference:
Soil Map—San German Area, Southwestern Puerto Rico
National Resource Conservation Service Web Soil Survey
Source:
U.S. Department of Agriculture
National Resource Conservation Service Web Soil Survey
<https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

Author: Edgar Vázquez
Date: October 31, 2024

Farmland Protection (Soil Map)
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán



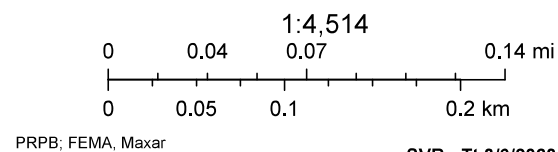
Scale: As shown





Legend:

- | | | |
|-------------------|--------------|---|
| Municipios Limite | AO | X (0.2% Probabilidad Anual de Inundación) |
| Zona Inundable A | A Costera | 1 PCT Nivle de Inundación Base Recomendado |
| AE | VE | 1 PCT Limite entre niveles de inundación ABFE |
| | Project Site | |



SVR - Tt 3/6/2023

Junta de Planificación, FEMA

Maxar | PRPB; FEMA | Junta de Planificación. Programa de Sistema de Información Geográfica |

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

August 19, 2025

Lauren B Poche

269 Avenida Ponce de León
San Juan, PR 00917

**Referencia: SHPO-CF-07-28-25-02 - PR-CRP-000876 (San Germán), Plaza
Santo Domingo and Plaza Francisco Mariano**

Dear Ms. Poche,

We have reviewed the archaeological monitoring plan, dated July 17, 2025,
prepared for the above referenced project. The plan is deemed acceptable.

If you have any questions regarding our comments, please do not hesitate to
contact our Office.

Sincerely,



Carlos A. Rubio Cancela

State Historic Preservation Officer
CARC/GMO/MB



DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO



March 24, 2025

Samir El Hage Arocho
General Partner, HORNE LLP
269 Juan Ponce de León Ave.
Hato Rey, Puerto Rico 00917-00918

Via email: samir.elhage@horne.com

RE: Authorization for Grant Management (GM) to Conduct the Required Environmental Consultations with Federal and Local Agencies on PRDOH's Behalf

Dear Mr. El Hage,

Provisions at 24 C.F.R. Part 58 establish the environmental review procedures for entities assuming the U.S. Department of Housing and Urban Development (**HUD**) environmental responsibilities under the National Environmental Policy Act (**NEPA**) and other applicable laws. The Puerto Rico Department of Housing (**PRDOH**), as the designated CDBG-DR/MIT grantee, has assumed HUD's environmental responsibilities under NEPA and related laws (**Responsible Entity**) by directly implementing multiple CDBG-DR/MIT projects.

One of the Responsible Entity's many responsibilities under 24 C.F.R. Part 58 is consulting with State, Federal, and non-federal entities in preparing an Environmental Review Record (**ERR**). Regarding a Responsible Entity's interactions with State, Federal, and non-Federal entities, 24 C.F.R. § 58.14 states that:

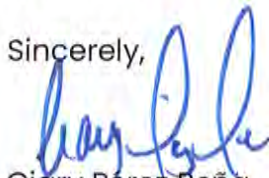
A responsible entity shall consult with appropriate environmental agencies, State, Federal and non-Federal entities and the public in the preparation of an EIS, EA or other environmental reviews undertaken under the related laws and authorities cited in § 58.5 and § 58.6. [...].

In conducting its role as a Responsible Entity that directly undertakes a project, as per 24 C.F.R. § 58.4(b)(1), PRDOH *"must assume the environmental review responsibilities for the State's activities **and those of any non-governmental entity that may participate in the project.**"* Accordingly, a Responsible Entity may delegate certain tasks in the preparation of ERRs but retains full legal responsibility for compliance with environmental requirements.

To effectively manage available environmental resources and expedite the preparation of ERRs, PRDOH—as Responsible Entity—wishes to delegate the task of consulting with State, Federal, and non-Federal entities contained in 24 C.F.R. § 58.14. Therefore, PRDOH hereby authorizes Alberto Mercado Vargas, GM Environmental SME, or his authorized representative) to conduct on its behalf the environmental consultations with Federal and local agencies required to prepare ERRs for the implementation of CDBG-DR and CDBG-MIT projects, while still maintaining the ultimate and full legal responsibility for compliance with environmental requirements. This authorization extends to both early and formal consultations before Federal agencies such as the U.S. Fish and Wildlife Service (**USFWS**) and the State Historic Preservation Office (**SHPO**), among others required for compliance with applicable laws and regulations as established in 24 C.F.R. § 58.14 and § 58.5. GM should include and copy the PRDOH Environmental Division in all communications with Federal and local agencies for these purposes.

PRDOH appreciates GM's commitment to Puerto Rico's recovery and is confident in its ability to execute this task effectively. Please feel free to contact me with any questions.

Sincerely,



Ciary Pérez Peña

Secretary

Puerto Rico Department of Housing

Cc. Alberto Mercado Vargas
GM Environmental SME
alberto.mercadovargas@horne.com

July 28, 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-05-23-25-01- PR-CRP-000876, PLAZA SANTO DOMINGO AND PLAZA
FRANCISCO MARIANO, SAN GERMÁN, PUERTO RICO – ARCHAEOLOGY
MONITORING WORK PLAN SUBMISSION**

Dear Architect Rubio Cancela,

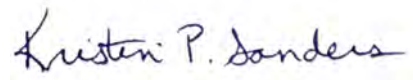
On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated June 12, 2025, in response to the submission of documentation for PR-CRP-000876, Plaza Santo Domingo and Plaza Francisco Mariano project. The letter stated your office had determined your records supported the finding of no adverse effect for the proposed undertaking conditioned to archaeological monitoring during all ground disturbing activities for the project.

As such, we are submitting the requested Archaeological Monitoring Plan prepared by Archaeologist Roberto G. Muñoz-Pando and Archaeologist Victor Oppenheimer.

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 kristin.sanders@horne.com or phone at 225-276-2109.

Kindest regards,

A handwritten signature in dark ink that reads 'Kristin P. Sanders'. The signature is written in a cursive style with a large initial 'K'.

Kristin P. Sanders

Historic Preservation Manager

Attachments

PRDOH CDBG-DR CRP PROGRAM
Remodelación de la Plaza Santo Domingo y Plaza
Francisco Mariano Quiñones
en el Municipio de San Germán, Puerto Rico
PR-CRP-000876/ SHPO: *SHPO-CF-05-23-25-01* /
CP-PAE: PENDING / OGPe: PENDING

Archaeological Monitoring and Protection
Plan



Prepared by:

Roberto G. Muñoz-Pando, PhD
Archaeologist - **Tetra Tech, Inc.**
Victor Oppenheimer
Archaeologist - **Tetra Tech, Inc.**
July 17th, 2025.

I. PREAMBLE

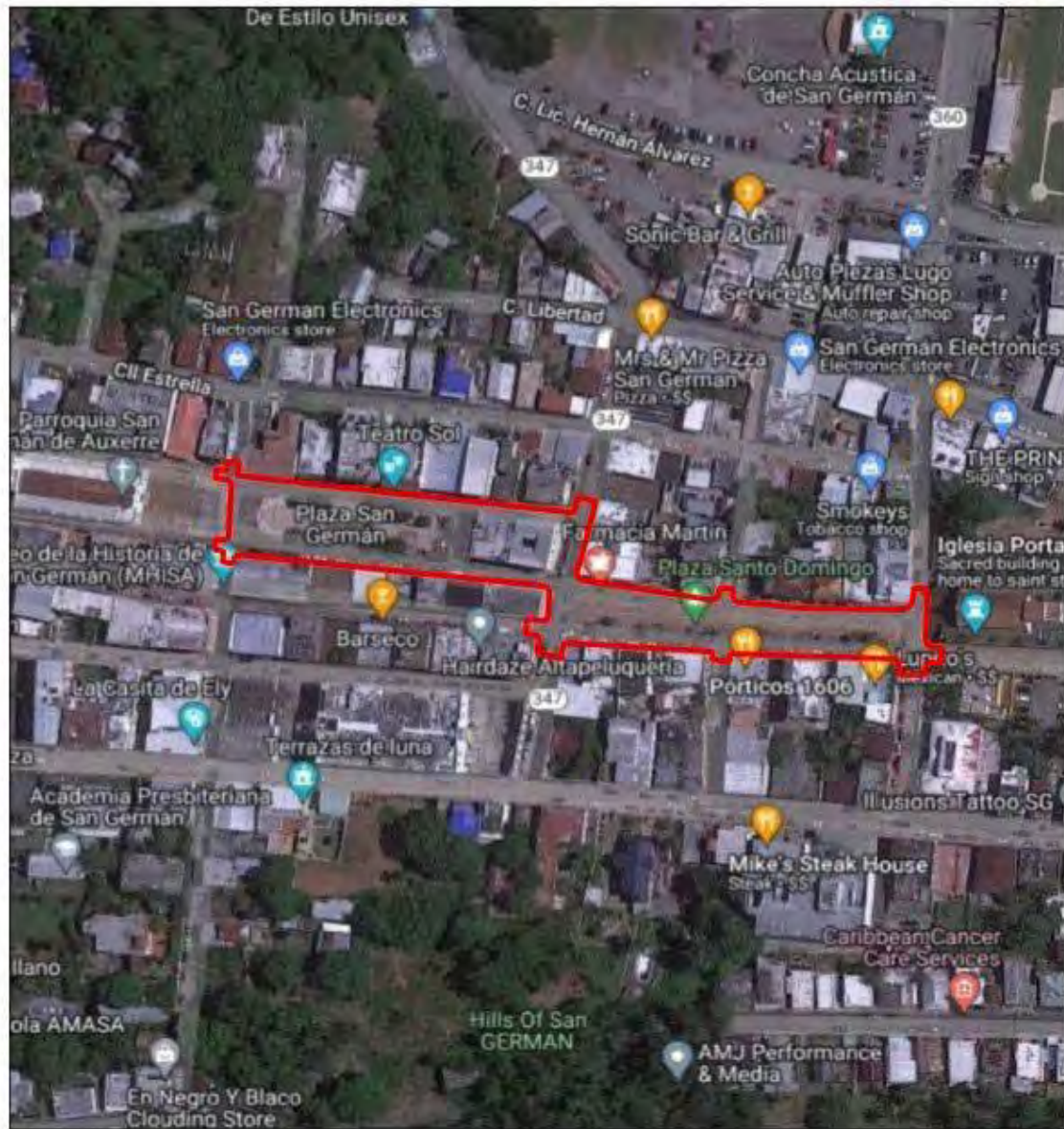
The Municipality of San Germán was approved Community Development Block Grant disaster recovery funds financed by the Federal Department of Housing and Urban Development in the aftermath of damages received by the 2017 Hurricanes Irma and Maria. An Agreement was established with the Puerto Rico Department of Housing (PRDOH) for the City Revitalization Program funds as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The Municipality of San Germán was approved to rehabilitate and renovate (*Remodelación de la Plaza Santo Domingo y Plaza Francisco Mariano Quiñones en el Municipio de San Germán, Puerto Rico*) and strategically restore it as a resilience area for the community, while preserving the historic development of the space and of the Municipality of San Germán (Figure 1). The Puerto Rico State Historic Preservation Office (PRSHPO), in a letter dated (*June 12, 2025*), concurred with a decision of No Adverse Effect for this undertaking, conditioned to the implementation of an archaeological monitoring during all ground disturbing activities.



Figure 1: General Project Location in the Satellite Image

Figure -1-Aerial shot of the General Project Area. (GoogleEarth 2016) (from Jorge Rigau 2022 Schematic Drawings 30%: p. 1)

Figure 2 - Aerial photograph
 Rehabilitation of Plaza Santo Domingo and Plaza Francisco Mariano Quiñones, San Germán, Puerto Rico
 Reference: Google Satellite Hybrid (Imagery date: 05/01/2018)
 Source: <http://mt0.google.com/vt/lyrs=y&hl=en&x={x}&y={y}&z={z}&s=Ga>



Legend:

Proposed Project Site

Reference: Google Satellite Hybrid

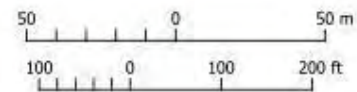


Figure 2: Project Location in the Aerial Map with the direct APE delimited in red (from Rigau, Jorge and Tamara Gonzalez Vega 2024: p. 45 of the EDF)

Figure 1 - Site location Map
 Rehabilitation of Plaza Santo Domingo and Plaza Francisco Mariano Quiñones, San Germán, Puerto Rico
 Reference: 7.5-Minute Topographic Quadrangle of San Germán, Puerto Rico (USGS 2018)
 Source: <https://ngmdb.usgs.gov/topoview/viewer/#15/18.0824/-67.0442>
 Municipality of San Germán



Legend:

■ Proposed Project Site

Reference: 7.5-Minute Quadrangle of San German, PR (USGS 2018)

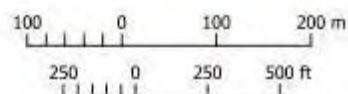


Figure 3: Project Parcel Location at the 7.5-Minute Topographic Map with the direct APE delimited in red (from Regis Martinez, Schmid, Rivera Calderón and Muñoz-Pando 2024: p. 47 of the EDF)

The objectives of this archaeological monitoring plan are: (1) to establish the protocol to be followed in archaeological monitoring; (2) to establish the protocol to be followed if previously unknown resources are identified; (3) to establish the protocol to be followed if there are any unexpected or previously unanticipated adverse effects; (4) to establish the protocol for cleaning the culverts, (5) to establish the parameters for documentation and evaluation of the structures, and (6) to establish the consultation protocol to be followed in case the structures require major repairs. The objectives of archaeological monitoring, according to ICPR Regulation #8932 are: (1) To locate, evaluate and document archaeological resources during project development; (2) To recover as much archaeological information and materials as possible during excavation and construction work; (3) To conserve and enhance the value of the archaeological resources located and documented; and (4) In the event that the archaeological resource cannot be conserved in situ, to conserve it through documentation.

This document complies with applicable federal and state laws, regulations, and guidelines, and 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 as updated in 2009, and Regulation #8932 of the Institute of Puerto Rican Culture (IPRC). The plan was prepared by archaeologists Roberto G. Muñoz-Pando, and Víctor Oppenheimer Rodriguez, who meet the Professional Qualifications Standards set forth in 36 CFR Part 61 to conduct Phase I, Phase II, Phase III studies and Archaeological Monitoring of Projects.

This scope of work is divided into six (6) sections and one (1) appendix. The section following this preamble includes a brief description of the project area and discusses the proposed construction works. In the third section the archaeological potential of the project area is discussed. The fourth section provides a detailed description of the archaeological monitoring procedure to be carried out before, during and after the construction works. Section V includes the professional qualifications of the team that will implement this monitoring plan and the last section includes the references cited. The plan closes with an appendix with a model of a monitoring daily activity sheet.

II. PROJECT DESCRIPTION

The Municipality of San Germán proposes the rehabilitation of the two most prominent public spaces in the city: Plaza Santo Domingo and Plaza Francisco Mariano Quiñones. Both squares make up the urban backbone" of the town, they run in an east-west direction, are linked by the Ruiz Belvis Street and around we find several of the emblematic structures of "La Ciudad de las Lomas": the Church of San Germán de Auxerre, Porta Coeli, the original City Hall and several notable residences, among them, the old House of Waldemar Morales in the "Queen Ann" architectural style, the house of Ernestito Quiñones and the so-called Casa de las Bahr. Both squares are longitudinal and are bordered by streets on all four sides. Mariano Quiñones Square is surrounded by Padre San Agustinos, Ruiz Belvis, De la Cruz streets and a street space without its own name in front of the former mayor's office. Both squares are longitudinal and are bordered by streets on all four sides. Mariano Quiñones Square is Plaza Santo Domingo is surrounded by Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Mariano Quiñones covers 1,185 square meters; the Plaza de Santo Domingo comprises 1,209 square meters.

The proposed intervention for Mariano Quiñones Plaza and Santo Domingo Plaza, the pair of emblematic public spaces in San Germán, comprises improvements within their plans. The project respects the general appearance of both spaces, maintaining and repairing their paving, planters, vegetation, and sculptural elements; also restoring most existing materials and finishes. In parallel, selective technical and aesthetic improvements are incorporated for better functionality and appearance, including new lighting posts and benches. This project aims to attract more people to both plazas. In Mariano Quiñones Plaza, a gazebo will be re-incorporated to evoke one that previously existed there to encourage varied programming of various public activities. In Santo Domingo Plaza, we propose placing a pedestal clock that, visible from both

plazas, will strengthen the spatial connection between them. At its east and west ends, new benches will be added for the enjoyment of the surrounding architecture. The footprint of each plaza will remain as is, not increased or reduced. The project includes construction work, repairs, improvements, material removals, and minor excavations in both plazas, partially intervening in surrounding streets, intersections, sidewalks, curbs, and gutters. The specific nature of the work to be carried out is detailed ahead. As part of the project, safety measures will be implemented in compliance with federal and local regulations for pedestrians, cyclists, and vehicular traffic in this area.

Existing conditions in streets: The proposed project includes the repaving of the streets surrounding both plazas and improvements to the adjacent sidewalks. The limits of this intervention are established in the project's Situation Plan SHEET A-01.

Existing conditions in the plazas; Currently, both plazas are in use and host various events: craft fairs, gastronomic celebrations, commemorations, and musical performances. Activities tend to be held more in the *Plaza de Santo Domingo* than in the *Plaza Mariano Quiñones*, as the former is longer and leveled, with several active establishments around. Both plazas are elevated from the street level that surrounds them and are accessed by steps whose number and height vary according to the elevation. Each plaza features vegetation, shrubs, planters, benches, and light posts. Not all light posts are working, and several are missing pieces. The brick paving and planters have suffered excessive wear to the point that, at ground level, the loss of material represents a danger. In *Plaza Mariano Quiñones* (still paved with mortar and imitating Canary Islands tile) there is a kiosk to the northeast that remains part of the project. At center, a grass rectangle is the footprint of the fountain that was once located there.

On both sides of *Plaza Santo Domingo* (north and south), pedestals lined up hold busts of illustrious city personalities. The pedestals are clad in marble, with little detail. Through the center of the plaza, at ground level, runs a marble pavement with carved phrases alluding to the history of San Germán. These pieces were installed to cover a "water thread" that was part of the previous remodeling of the space under the former "*Directoría de Urbanismo*". The workmanship was not the best; the water channel was "filled in" without achieving a homogeneous character. It now appears to be "patched".

Existing conditions in sidewalks, curbs, and gutters: Currently, the sidewalks are paved with brick, originally bound by mortar. There are numerous instances of hollows, impacts, breaks, and wear. The loss of material is notable in various instances and represents a risk for pedestrians walking on them. In various locations, the lack of mortar adds to the insecurity of passersby. The concrete curbs show some breaks and cracks, but they do not need to be replaced, only repaired. The depth of the existing brick gutters contributes to the insecurity of those wanting to cross the street.

Proposed improvements for the streets: The project includes replacing the existing paving material (river pebbles and bricks) on the roadways around both plazas. While the finish adopted in the 1980's was based on replicating the character of the streets at a given point in the town's history, this project echoes another stage in the town's history: those times when the streets of the population were of covered with compacted earth. We will keep the existing concrete slab in place, without the need to dig under it. The river pebbles and bricks will be removed, disposing of the gravel in an authorized landfill or officially using it as fill for some municipal project soon.

After cleaning and scarifying the concrete slab that is to remain, a 2-inch layer of Surface Deactivator brand cementitious mortar with resistant aggregates, Color 306 Toffee, will be applied. The texture, color, and appearance of the material evoke the character of the compacted earth in driving areas that, for a long time, remained unpaved in our towns, including in San Germán. This new layer will be solid and leveled to eliminate the problem of pebble detachment and brick breakage; it will include segments to be repaved in brick and the restoration of several of the existing sections. The material meets the specifications for use

on roadways. Thus, we will improve the durability and resilience of the work, within a framework of historical veracity. We avoid using, as others have done, fragile pieces that yield or break under the weight and passage of cars and trucks, whose impact was not contemplated years ago.

It is worth mentioning that, although the 1980's renovation was encouraged by a given historical intention, the products used, their quality, and their installation proved to be ineffective, unconvincing, and less durable than expected. We are unaware of the circumstances at that time, but we mention it because the finish now proposed will allow us to address similar conditions with greater flexibility. As the application of this material will be done without removing the concrete slab that served as the base for the works in the 1980's, no excavation will be required for these works.

Proposed improvements for sidewalks, curbs, and gutters: The project does not contemplate any change in the geometry of the streets or sidewalks. The existing brick paving on the sidewalks will be maintained, filling in the cracks and hollows with mortars of a composition like the physical constitution of the clay. To this end, preliminary tests will be conducted on-site to corroborate differences in consistency and hue. There is no plan to demolish the existing concrete curbs, only if one, unexpectedly, should present a problem during construction. In that case, authorities would be consulted before any action is taken. The existing gutters, furnished with clay tiles, were built deep, posing a fall risk for pedestrians. Where the streets are repaved, the gutters will be reconstructed in the same cementitious material to be applied to the street, removing the current brick facings, and improving their slope to prevent falls. Many of the improvements proposed by this project aim to minimize the difficulties currently confronted by pedestrians, but in-keeping with the historical bearing of San Germán.

Proposed works for Plaza Mariano Quiñones: At Plaza Mariano Quiñones, pavements and the walls of the low planters will be repaired. All bricks with cracks and hollows in the low walls of the planters have been meticulously documented and identified to be filled with a compatible mortar. Repairs will be carried out on-site, inside and outside the perimeter of the space. Low walls will not be demolished, only two small segments to accommodate the circular benches at each end of *Plaza Santo Domingo*. In both plazas, low walls will be maintained and repaired. The eight (8) concrete benches lining the perimeter of the plaza will be rehabilitated. The current appearance of these benches corresponds to a previous intervention of a crude nature. Built using integral terrazzo, these pieces are of poor quality, with an out-of-scale thickness and clumsy handling of the terrazzo joints when the material changes color. Included in these planters are healthy and attractive trees that currently contribute to the aesthetics and shade of the plaza. These trees will be maintained.

Taking everything into account, the project proposes rehabilitating each concrete bench by removing the seating component, restructuring the base of the planter to include a new backrest and "arms" (as a niche) to now include a traditional bench that will introduce a more human scale in line with the scale and character of the city and its history. The terrazzo bench seats will be partially removed but retaining the planters and the existing trees on them. We now propose - in contrast to the crude treatment of these pieces in situ - to promote a more diverse, sculptural use of the benches with an area to place food, computers, shopping bags, or also for sitting. New lighting posts (of traditional design) will replace the existing ones in the same place where previously posts were located. A concrete gazebo will be incorporated, evoking a previously existing one that was in the same plaza at the beginning of the 20th century and served as a stage/platform for musical groups and performances.

Photos from the era illustrate the hierarchical presence of the former gazebo in the space. The new gazebo has been designed in concrete with steel details, railings, and a functional "ring" to hold lighting equipment.

It includes an access ramp and electrical facilities for lighting and sound. In the area where the gazebo is to be erected, already exists an electrical connection from an old fountain, therefore digging will not be required to incorporate new electricity conduits. The foundations of the gazebo will reach one foot (1'-0") below the surface, without the need for further excavation.

Around the gazebo, "losa canaria" paving will be incorporated where there is now "argamasa". Work in the plaza includes providing Canary Island tile where it is broken, battered, or simply missing. This happens particularly in pieces around the perimeter. Mortar in the joints will be removed to facilitate the extraction of these pieces; the mortar that appears underneath will be removed, this material will be disposed of, surfaces cleaned, and new tiles will be installed after identifying the correct color so that the new mortar matches the original. Once the tiles are installed, the work done will be protected from the weather until it consolidates. The "losa canaria" tile also appears as edging or frieze and steps along the plaza.

Proposed works for Plaza Santo Domingo: In Plaza Santo Domingo, the low walls of the planters will also be repaired on site, without demolishing them, except for brief segments to be substituted by curved ones. The broken and perforated bricks will be filled-in with a mortar mix, designed for this purpose. Where the brick is in critical condition, it will be replaced with a similar, new one or recuperated.

The plaza will incorporate benches and posts like those proposed for Plaza Mariano Quiñones. The central section of the space will be repaved with honed granite slabs, 1'-8"x 0'-10" each, and a polished peripheral strip of 1.5" and a frame in mortar panels measuring 1'-6" x 0'-6". The aim is to create a homogeneous environment, something that was not achieved when covering the "water thread". Then, cuts to the existing bricks were made with little delicacy, as well as in the application of mortar. Both ends of what was the old Parque de Santo Domingo will be reorganized to improve the spatial connection with what happens to the east and west of the plaza. At each end of the space, a semicircular bench (in concrete) will be placed, which, along with a pair of lighting posts (like the rest), will frame the entrance to the plaza. To the west, the bench incorporates a pedestal clock, around which visitors can sit, children can play, and visitors can take photos. To the east, the bench is oriented towards Porta Coeli, thus highlighting the presence of the monument in the urban space. The turn of the bench suggests that the end of the plaza figuratively becomes the atrium of Porta Coeli. The existing vegetation in the plaza will be maintained, reusing the already existing infrastructure facilities, improving the electrical wiring (without digging) and a water outlet. The marble veneers of the sculpture pedestals and busts will be repaired, applying conservation techniques for the correct treatment of marble and bronze.

Infrastructure: Minor electrical improvements are part of the scope of work, as the existing installations will be utilized, such as the one running from the old town hall westward to reach the very center of *Plaza Mariano Quiñones* where the gazebo will be erected. Excavations for electrical piping are not contemplated. The new wiring will run through conduits already in place. The lighting posts will be placed where the previous ones were, except for four (4) new ones to be located at both ends of *Plaza Santo Domingo* (2 + 2). These are not solar posts. We have already considered that to wire these, the electrical installations can run through the planters next to each of them. The project does not include improvements related to plumbing, drains, or sewers.

Excavations and removals:

Site Assessment & Planning: Prior to any removal work, a thorough site assessment will be conducted to evaluate existing conditions and identify potential hazards. Engineers and environmental experts will assess the site for contaminants like asbestos, lead, or other hazardous materials, requiring proper handling and removal. Contractor and Municipality will outline a proper sequence of components removal, ensuring implementation of safety measures, and approved waste disposal procedures. The Municipality will require

the Contractor to provide evidence of proper and legal disposition of any removed materials. Removal and substitution work to be carried out inside the plaza will be performed with lightweight equipment considering not to damage any possible important elements below ground. Contractor shall take special precautions on areas identified as sensitive: environmental, architectural, and archeological.

During the construction process, erosion and sedimentation control measures will be implemented to avoid the discharge of sediments into road surfaces, sidewalks, and the storm sewer system during rainfall events. These will include installation of hay bales (or silt socks) on drainage structures, provision of a silt fence around the project limits, and implementation of a washout entrance for trucks to avoid sediments migrating into the streets. Staging and storage areas for construction materials will be protected with a silt fence. We propose that the street in front of the old town hall, east of *Plaza Mariano Quiñones*, be used as staging area, as it would be at a reasonable distance between both plazas and in a space that would not significantly alter traffic. Construction equipment and materials will be stored outside both plazas, avoiding possible adverse impacts to the already paved surfaces. A Maintenance of Traffic Plan (MOT) and temporary control devices will be implemented to control vehicular traffic and provide a safe route for pedestrians during construction of the project. The MOT will be prepared in compliance with the PRHTA and FHWA standards and regulations. Streets, sidewalks, and plazas have been subjected to multiple interventions over the years. In contrast, this project proposes the removal of some surface elements and minimal excavations.

Streets, Gutters, and Sidewalks

1. Asphalt and “chinos de río” (pebble stones; stone pavement) will be removed using an excavator or jackhammer; when needed, by hand. The existing concrete slab will not be demolished. Debris will be transported off-site by dump truck to a preapproved location. Depth of stones to be removed: 0’-02”. Area: 3,560 sq. mts.

Mariano Quiñones Plaza

1. Excavations for footings for the construction of the gazebo. Depth 1’-0” x 0’-6” x 53’-0”; Area: 232 sq. ft.
2. Removal of the curved seats of the integral terrazzo benches. 18 sq. ft. per bench (8 benches = 144 sq. ft.)
3. Removal of existing mortar in the central area (not including the concrete slab that serves as a base). Depth: 2’-0”; Area: 100 sq. mts.

Santo Domingo Plaza

1. Excavation to remove the central pavement strip running east/west. Depth: 0’-11/2” and Area: 86 sq. mts.
2. Excavation for new foundations for the four (4) lighting posts: 1’-0” x 4’-0” = 4’-0”
3. Excavation for footings of the semi-circular benches/planter; 30 sq. ft.
4. Excavation for the footing of the pedestal clock: 10’-0” sq. ft.
5. Damaged bricks and marble slabs will be removed, without demolishing the concrete slab beneath. Removal of tree stump remnants in planters by grubbing.

Landscaping: The existing vegetation, including trees, shrubs, and grass, will be preserved. The Municipality is committed to strengthening the plant material already on-site once the planters are rehabilitated. No excavation is contemplated for these purposes, except for planting. The Municipality of San Germán will require the project contractors to present evidence of the legal disposal of debris and gravel. measures will be implemented to avoid the sediments to discharge into the road surface and storm sewer system during rainfall events, including installation of hay bales (or silt socks) on drainage structures, installation of silt fence around the project limit, and implementation of a washout entrance for trucks to

avoid sediments migration into the streets. The staging area for the construction equipment and materials will be located at Betances Street. Construction equipment and materials will be storage outside the plaza area, avoiding possible adverse impacts to the Plaza surface. Staging and storage areas for construction materials will be protected with silt fence. A Maintenance of traffic plan and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works.

AREA OF POTENTIAL EFFECTS:

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is Plaza Santo Domingo and Plaza Francisco Mariano Quiñones footprint, or 2,394 square meters and the visual APE is the viewshed of the proposed project.

Mariano Quiñones Plaza is surrounded by Padres Agustinos street (to the north), Ruiz Belvis street (to the south), De la Cruz street (to the west), and a stretch of a street with no name in front of the former town hall (to the east). Santos (to the south), Yamil Galib street (to the east), and Carro street (to the west). The project includes the rehabilitation of both plazas, their surrounding streets, and sidewalks up to the area where they intersect, defined by brick pavement strips as illustrated and explained later. According to *CRIM*, Mariano Quiñones Plaza covers 889.75 square meters. Santo Domingo Plaza consists of two parcels: Parcel 334-034-032-01 occupies 355.61 square meters, and Parcel 334-034-033-01 occupies 308.93 square meters. However, the current area of this plaza exceeds the sum of the two parcels. In the past, a street ran between the two parcels. The street was eliminated, and its space was joined to both parcels to grant continuity to Santo Domingo Plaza, thus reaching its current size. We have not referred here to any deed documents since the Municipality of San Germán does not have them.

The APE considers repairs/Improvements of the Plaza Santo Domingo and Plaza Francisco Mariano Quiñones in the same location, the APE for visual effects is within the geographic area of the project and does not have the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character defining feature of a historic property that makes it eligible for listing on the National Register. The visual effects of the APE for the repairs/Improvements of the Plaza Santo Domingo and Plaza Francisco Mariano Quiñones will be visible from all the NRHP-eligible and listed properties. The Visual or Indirect Areas of Potential Effect of the proposed project are not within the immediate physical footprint of the project. The consequences of the indirect APE will be during the construction phase only due to changes in aesthetics or disruptions to local transit that may extend beyond the project's physical boundaries. Access roads and staging areas will be coordinated to minimize the disturbance in the traditional urban center. The proposed design considers the urban scale in relation of the surrounding setting.

As the plazas (APE) are a public space serve as hubs for civic activities and provide resources to the community. The proposed project will enhance historical significance using 21st century design strategies and is not expected to compromise the traditional urban center and listed or eligible properties.

III. ARCHAEOLOGICAL POTENTIAL AND HISTORIC PROPERTIES

The information below is taken from the Section 106 NHPA Effect Determination Form completed by architect José Rigau and archaeologist Tamara Gonzalez Vega in 2024.

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is within the San Germán Historic District listed (1024-0018).

Partido de San Germán, Villa de San Germán de Auxerre, Nueva Salamanca, Ciudad de las Lomas and is roughly bounded by Luna, Estrella, Concepción, Javilla, and Ferrocarril streets in the western section of San Germán, Puerto Rico. The proposed project is within the Traditional Urban Center of San Germán. San Germán has a great number of archaeological sites and historic structures. The National Register of Historic Places nomination lists 152 resources contributing to the historic significance of the area, including Plaza Santo Domingo and Plaza Francisco Mariano Quiñones, where the proposed project will be located.

Possibility of pre-Hispanic archaeological findings

From the analysis of the inventory of archaeological resources and the reports consulted, it emerges for the territory of the municipality in San Germán Historic District no specific evidence of indigenous occupation has been found. However, the absence or presence of pre-Hispanic archaeological material within the APE cannot be empirically determined. To carry out an archaeological sensitivity analysis of the APE, it is important to keep in mind that San Germán in its different locations was one of the places that was part of the early Spanish colonization in Puerto Rico, so we would be looking for material elements that represents interactions between Spaniards and natives in the early period of the conquest and European colonization.

Spanish Colonial Period:

San German Historic District

The San Germán Historic District encompasses an area of approximately 35.8107 acres. The city's layout presents an uneven grid pattern with streets oriented along the cardinal points. Its modern axis, Calle Luna (PR #102) bisects the east-west grid. This was the old road that linked the Villa with the town of Sabana Grande and the city of Mayagüez. To the north, other important streets of the urban nucleus run: Santiago Veve (formerly Comercio) and Estrella Streets. Until the mid-19th century, the latter were the main boundaries of the city's organization chart, expanding southward once the Manzanares Creek was controlled by the construction of vaulted storm sewers, completed in the 1850's. There is no clear distinction between residential and other areas, although in the past most of the main commercial establishments were lined along Luna, Santiago Veve and Ruiz Belvis streets.

San Germán today has two main open spaces, Plaza Francisco Mariano Quiñones or main square (bounded by Carro, José Julián Acosta, Ruiz Belvis and Cruz streets), and the Plazuela de Santo Domingo (bounded by Carro, Santiago Veve, Ramas and Ruiz Belvis streets). The importance of these sites to the overall appearance of the district and the layout of the city's design cannot be underestimated.

In Latin American cities, plazas fulfilled at least two functions. Squares were focal points for the distribution of urban space, in a coherent and hierarchical whole, where social and political activities were organized. The spaces around the main square were reserved for state buildings and ecclesiastical authorities. Thus, the parish church is located on the western edge of the Plaza Francisco Mariano Quiñones, while the Mayor's Office is located at the opposite end. Thus, the first ordinances of the city reserved the spaces around the plazas for the “well-bred” inhabitants and commerce. As there was no strict delimitation of areas within the heart of the old city, the plurality of functions, and its long period of continuous constitution makes the historic center a mixture of widely differentiated architectural styles ranging from early Spanish Colonial architecture, such as the Porta Coeli Chapel (1606), to Neoclassical, Neo-Gothic, and Queen Anne, among others. Interspersed with these structures, there are structures reflecting Spanish Revival and Art Deco, and structures of more recent construction characterized by a non-descript style. Sixty percent of the buildings within the San Germán Historic District contributing as resources for inclusion in the NRHP. Approximately 50% of the contributing resources were built between the 1860s and 1920s, a period characterized in Puerto Rico's urban and architectural history as one of intense development and experimentation. Most of them are built with traditional materials, such as masonry, brick, and wood, while in the early 20th century there was an increased use of new materials, such as concrete, particularly since the earthquake of 1918 and the severe hurricanes that occurred between 1899 and 1930.

The architectural vocabulary is very broad. The general character of the core has not undergone serious alterations in terms of street layout and the ratio of open public spaces to build area. Although new structures have altered the physiognomy, enough buildings remain to maintain its historic appearance. Finally, as noted above, the visual and spatial sense derived from the urban core remains one that presents coherence and architectural value unique to San Germán. In the late 18th and early 19th centuries, the city had two main open spaces. One was the Plaza del Rey, the other was the Plaza Principal which has been known as Plaza Mayor, Plaza Principal, Plaza Vendimia, Plaza Automática, Plaza General Contreras, and today, Plaza Francisco Mariano Quiñones. It seems that before the construction of the Mayor's Office in 1844, the Plaza was much larger and extended as far as the Porta Coeli Chapel, while today, the old Government Building and Carro Street divide this area into two unequal open spaces.

Public open spaces are crucial to the urban character of the San Germán Historic District, as they lend coherence to the urban grid and present the viewer with an unobstructed view of some of the city's most significant buildings. The Plaza served a crucial commercial function for the small retailers of goods gathered there for the Sunday market. Efforts to improve the streetscape that characterized the second half of the 19th century included the leveling of the plaza, repair work on the surrounding streets and sidewalks. On the other hand, the placement of “chinos de río” [pebbles as paving in the plaza was approved in 1851, and gas lighting was installed in 1860. By 1890 the plaza had undergone other alterations, perhaps the most important of which was the transfer of the Sunday market to the Little Plazuela Santo Domingo, behind City Hall. As a result of the modifications to the city plan, the two main open spaces became three, as the Plazuela Santo Domingo took shape after the construction of Alcaldía y Carro street. This small rectangular plaza was once part of the main square. At the end of the 19th century, it replaced the main square as the city's Sunday market. The Plazuela became the park filled with trees and shrubs that contrasted with the plaza. Plazas used to be reserved for public gatherings and collective affairs, while places like the Plazuela were dedicated to activities of a more individual nature sitting on benches, strolling, reading or just relaxing. The close relationship between the Catholic Church and the State, which characterized the Spanish period, and symbols of political and ecclesiastical authority dominate one or more sides of the plazas. In the Plazuela Santo Domingo, the outstanding building is the Chapel of the former Dominican Convent, while the Cabildo and the Parish Church face across the main square, and the Hospital de la Concepción and the Casa del Rey were built facing one side of the former Plaza del Rey. In a sense, the same pattern prevailed during the first decades of the United States government. Thus, public schools replaced some of the symbols of the Spanish colonial past in key spaces facing one or more of the city's open areas. In San Germán, the Rafael García Cabrera Public School replaced the old Casa del Rey. In the investigations performed by

Adalberto Maurás (2011) for the project “Lajas - San Germán Potable Water Transmission System Expansion”, two areas were identified positive for the presence of cultural remains including human remains. If so, it would corroborate the presence of the ancient cemetery in this area. Also, within the Historic District of the City (García Goyco, 1993), were identified different areas of archaeological potential.

In 1821, the San Germán square was a large esplanade of land bordered on the west side by the San Germán de Auxerre Parish Church and on the east by the Porta Coeli Convent. Between 1848-53 this large square was divided in two by Carro Street, which runs from north to south behind the Old City Hall. This is how the Plazuela de Santo Domingo came into being. On March 11, 1853, Martin Albertucci presented to the town council a plan to join the square with Carro Street, but it was not a street for cart traffic but a pedestrian street because it was in the form of stairs. By 1970, given the increase in the flow of vehicles, the stairs were eliminated and the street that leads from Carro Street, on the north side of the Old City Hall, which was baptized as José Julián Acosta, now Padres Agustinos Street.

For decades, two distinct spaces - a park and a plaza - were unified into homogenized plazas with paved surfaces. During the late 19th and early 20th centuries, both spaces, initially lit by gas and later by electricity, served as focal points for social gatherings and public events. Santo Domingo and Mariano Quiñones were also places for leisure, landscaped in the style of the English "square" popular in Europe at that time. Streets were paved, further enhancing their urban character. In the heart of Mariano Quiñones Plaza, once adorned by two towering trees, a transformation occurred in the 1960s: the trees were replaced with a brief-lived low fountain. Positioned on a slope like the plaza itself, the fountain had water pooling at its lower end, rendering the upper section dry and preventing the pump from functioning effectively. To safeguard pedestrians from vehicular traffic, low brick walls were subsequently erected near some of the planters.

Possibility of Archaeological Findings

Because the city was established in its present location since the 1570s, certain areas of the urban core were identified as archaeologically significant. Phase IA-IB and monitoring by García Goyco (1993) identified artifactual material that provided the basis for identifying such areas.

Areas of High Archaeological Potential

Of particular importance is the period prior to 1850, due to the absence of maps. In the Santo Domingo and Francisco Mariano Quiñones Plazas, the original stone pavement was identified in both cases; however, no artifactual material was found underneath it. In front of the old City Hall, when crossing to the main plaza, the foundations of the old Hospital were discovered, as well as the smooth stones from the river (chinos) that were used to pave the streets.

Prior to the 1850s, most of the construction seems to have been centered along Ramas, Alfonso XII and a section of Esperanza and Manzanares streets, thus, this zone represents the area of the longest settlement in the history of San Germán's urban life. On Ramas Street, a water well revealed artifactual material, dating from the 17th and 18th centuries, a significant amount of majolica was found. Several fill events were identified on what appears to be the former bank of the Quebrada Manzanares, to control the flow of the creek. The most important find in this area, however, was what appears to be “transculturation earthenware,” probably dating to the late sixteenth or early seventeenth century.

Areas of Medium Archaeological Potential

Test samples in other streets mentioned above also produced artifactual material from the 18th century, particularly majolica, as is the case of Manzanares and Esperanza streets. There are other areas that could produce evidence of human habitation in the form of skeletal remains: the Atrium, interior and patio of the Parish Church, as well as the Porta Coeli Chapel. Parish death records show that until the early 19th century, parishioners were buried here. Finally, within the proposed district, places were identified where the artifactual material places their habitational temporality to the nineteenth century or later, where remnants of earlier structures can still be found and where the archaeological context has barely been disturbed. This could be the case of those houses that were built on the ground without cellars, latrines, or cisterns. With the placement of a sanitary water supply system, many of these features lost their usefulness and were then used as storage spaces or garbage dumps. Along José Julián Acosta Street and Dr. Veve Street (formerly Comercio), the artifactual material dates to the 19th century. Both locations have produced large quantities of animal bones that may be useful in establishing the location of the city's butcher shop, as well as other urban amenities, such as places to eat. In addition, sections of the vaulted storm sewer system that cross or flow into Veve and Manzanares Streets, where a hotel and three drug stores lay, have produced 19th century coarse creole pottery.

Areas of Low Archaeological Potential.

Carro Street, from Luna to Estrella Streets, and Veve Street, from Carro to Ramas Streets, have not yielded much archaeological material; they are, therefore, considered areas of low archaeological potential. Bedrock is close to the surface at this point.

Summary

The artifactual material found in the archaeological surveys in the San German historic District produced 16th to 17th century materials such as contact material, “transculturation artifacts” and colonial pottery; 18th century material, mainly pottery; and 19th century material such as earthenware, porcelain, bottles, glass, and animal remains (bovine, burgao shells, tortoise). The most recurrent element during the excavations were the colonial pavements of river stones. This finding corroborated the documentary sources that demonstrated that the streets in the center of town and the main square were, at one point, paved with river stones.

Also documented were a cobblestone pavement of large slate stones, a rustic road in limestone, two small brick inlets, a compacted brick floor, two branches of the so-called tunnels, which are brick vaulted sewers and two possible stone curbs “sardineles”. Also documented were the branches or small brick vaulted sewers that connected with the tunnel of the Quebrada Manzanares. The oldest pipes were made of vitrified clay. Early street pavements in cobblestones were documented from a depth of 12 cm to 210 cm. In addition, during phase IA, IB, two *sardineles* of river stones were discovered in Carro and Dr. Veve Streets, although in general, these were built in brick, as were the sidewalks. The archaeological artifacts found corresponded mostly to colonial ceramics from the semi-refined earthenware assemblage. We can mention the “creamware”, “pearlware” and “whiteware” ring styles, hand-painted floral, shell rim, transfer “ironstone” and “Mulberry Ironstone”. Daily use artifacts such as bone brushes and spoons, majolica, whiteware and porcelain ointment knobs, animal skeletal remains, tiles, bricks, game artifacts such as bone dominoes and ceramic tokens, and metal cutlery were also documented. A peculiar fragment had as decoration a Puerto Rican coat of arms in white ware, elaborated with the transfer technique. The relative chronology of the ceramics in the sample obtained probably fluctuated between the 18th and 20th centuries. Many blown glass bottles made in molds were documented, some of medicine perfume and poisons from the 19th century, a Hiram Cod type soda bottle with an inner glass marble lid circa 1870's and blown glass liquor bottles made in molds from the 18th and 20th centuries.

Also, in the old movie theater (Teatro Sol) a large amount of material related to entertainment activities and advertising techniques, used during the second half of the 20th century, was found. It can be concluded that the proposed District has excellent possibilities to produce artifactual material related to the four hundred years and more of the city's history. In the excavations in the historic center of San Germán we expected to document early artifacts associated with the first years of colonization, but this evidence was minimal; pearlware and whiteware of English origin dominated in practically all levels within the sewers and under the streets. including:

- Historic sidewalks
- Aqueducts from the colonial era
- Archaeological material related to the different activities that took place in the square in the colonial era, for example, remains of a sugar mill.

The APE includes sidewalks and/or streets within a traditional urban center, with potential archaeological remains underneath these features, like historic pavements, historic drainage systems and historic lighting systems. Also, during the reconstruction process there's a possibility to find cultural layers associated with demolition and reconstruction due to disasters like fires, earthquakes, hurricanes etc. Is the possibility that the proposed project can expose foundations of old buildings along the street if realignment of facades was performed. The properties/streets that survive to the present are the most recent facade of the town, reminiscences of these properties. However, they give us an idea of the archaeological potential of the Plazas and its surroundings. They are vestiges of previous constructions, and under the floors of the plaza and its surrounding streets the potential for the presence of Spanish colonial archaeological sites is high. It is possible the existence of in situ nineteenth century Euro-Spanish material remains in the APE.

IV. ARCHAEOLOGICAL MONITORING PROCEDURE

The monitoring activities can be divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to activities that entail demolition and excavations. Those construction activities that do not entail excavations or earth movements do not require an archaeological monitor.

A. Before Construction Begins

1. The Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and Monitor of the proposed activities' start date. The PM is responsible for coordination between the CM and the SOI-qualified archaeologist who will oversee the monitoring (Monitor). The GM shall notify the SHPO and PAE of the construction start date and the archaeology company charged with implementing this Plan.
2. Before any demolition or construction begins, the PM, CM, GM, and Monitor will have a kickoff meeting to discuss the procedure for archaeological monitoring, including the coordination protocol between the Monitor and the Contractor. The Monitor will provide an orientation on the area's cultural resources and potential resources and their proper treatment. The Monitor will also explain which project activities require archaeological monitoring.
3. The CM, PM, and construction crew will complete and sign a statement outlining the activities that may not be performed without the Monitor's presence, demonstrating their understanding and commitment to following the archaeological monitoring procedures.

4. The Monitor will document the historic properties (NRHP-listed and eligible) located within the project's area of potential effects by means of verbal descriptions and photographs. This documentation shall be included as an appendix to the first weekly report. This report will be submitted to the PAE with the first monthly report.

B. During Demolition and Construction

1. The Monitor shall be in the field during all project activities involving demolition and ground disturbance; access and clear sightlines to all demolition and excavation activities and debris removal will be provided to the Monitor. In the event of simultaneous excavations in different areas of the project, an archaeologist should be assigned to each area.
2. The Monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is a potential to impact an archaeological resource. The construction field personnel will abide by these requests: excavate slowly, stop the excavation work to evaluate a finding, etc.
3. The Monitor shall keep a record of monitored activities. The Monitor shall fill out the Daily Record of Activities Form (see **Appendix 1**). These Forms will be attached to the final report as an appendix. These forms should be sent weekly to the GM for review.
4. A monthly report will be prepared, including photos of the area of interest. The report shall be emailed to the GM during the week following the month in which the monitoring was conducted. The PRDOH or the GM on behalf of PRDOH will be responsible for submitting the report to the SHPO and the PAE.
5. The Monitor shall document all archaeological remains identified during construction activities, except for previously unidentified historically significant findings (refer to B-8 below). The documentation shall include a detailed description of the discovery, context, horizontal and vertical provenience, photos, and a plan drawing. This documentation shall be done within a reasonable amount of time, trying as much as possible, not to impact on the project schedule.
 - a. The documentation may require extending the contractor excavations to expose and define the finds. Associated stratigraphy will be documented and representative samples of associated artifactual material will be recovered. For structural remains, construction materials and techniques will be documented. The controlled units may vary in size according to the nature and dimensions of the archaeological find. These will be excavated by strata, cultural or natural, with vertical and horizontal control. When warranted, the removed soil will be sifted through ¼ inch mesh. The recovered artifactual material will be bagged and labeled by specific origin. It shall proceed in accordance with the protocol included in item B-7.
6. Any subsurface feature may be demolished and removed after being documented by the Monitor and approved by the GM. The information recorded will be included in the final report.
7. If the identified archaeological remains are considered historically significant— i.e., complex structures, precolonial remains or stratified deposits – the Monitor shall instruct the construction crew to (1) immediately cease work in the vicinity of the discovery, (2) take all reasonable measures to avoid or minimize harm to the property, and (3) notify the PM, CM, and GM. The GM shall immediately notify the PAE, and the SHPO, as per stipulation III.B.1.b. of the PA. The following protocol shall be followed:

- a. The Monitor shall make a preliminary assessment of the finding. The assessment shall include a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings, as deemed necessary. The assessment shall also include a work plan for implementing a National Register of Historic Places' eligibility evaluation of the exceptional remains (in other words, an evaluation of significance and integrity).
- b. The assessment and NRHP-eligibility evaluation work plan shall be submitted via email to the PM and GM within 24 hours of the discovery. The GM will comment on the work plan within 24 hours of receiving it.
- c. The Monitor shall implement the work plan after receiving the GM's authorization to proceed. After completing the fieldwork, the Monitor shall prepare an End of Field Report, summarizing the results. Said report should include an NRHP-eligibility determination. The End of Field Report shall be submitted via email to the PM and GM within 48 hours after completing the fieldwork.
- d. The GM shall notify the SHPO and PAE of the NRHP-eligibility determination.
 - i. If the finding is **not eligible** to the NRHP, the GM shall notify the SHPO and PAE and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO or PAE disagrees with the NRHP determination and makes a timely objection within 48 hours of the notification.
 - ii. If the finding is **eligible** to the NRHP, the criteria of adverse effect shall be applied. If the project activities do not adversely affect the finding, the GM shall notify the SHPO and PAE, and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO or PAE makes a timely objection within 48 hours of the notification.
 - iii. If the project activities have an **adverse effect** on the NRHP-eligible finding, a Data Recovery will be implemented as a Treatment Measure per Appendix F of the PA. The Monitor shall develop a data recovery plan with a research design consistent with the Secretary of the Interior's Guidelines for Archeological Documentation (http://www.nps.gov/history/locallaw/arch_stnds_7.htm), the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009, at https://www.achp.gov/protectinghistoricproperties/Section_106_Archaeology_Guidance, and Regulation #8932. The data recovery plan shall be submitted via email to the GM for comments. The GM shall be responsible for submitting the data recovery plan to the SHPO and PAE for comments and approval. This treatment measure does not apply to burials or human remains (refer to IV.D of this work plan).
8. If architectural features are found, as far as possible, the finding should be preserved and protected, and every effort should be made to adapt the design of the project and avoid negative impact to the finding.
9. Processing of archaeological artifacts, if any, will be conducted concurrently with the field work. A summary of these activities shall be included in the monthly report. Artifacts shall be curated

and processed in accordance with the standards set forth in 36 CFR Part 79 Curation of Federally-Owned and Administered Archaeological Collections.

- a. Artifacts shall be washed and sorted. Materials such as ceramics, lithics, shell, bone, glass, metal, and others, should be subject to general analysis considering aspects such as material, manufacture, style, function, type, variety, use, and others. Due to their nature, some of these materials require specialized analysis such as studies of malacology, zooarchaeology, bioarchaeology, among others, which should be carried out by specialists. The classification scheme used in the classification will be chosen by the archaeologist according to the context, type of material recovered and previous experience. The classification scheme shall be referenced with available bibliographic references.
 - b. The materials laboratory shall include a quantitative, qualitative, and comparative analysis of all archaeological materials recovered during archaeological monitoring. An inventory of artifacts by category, and a catalog of artifacts by material type shall be prepared.
 - c. Photographic documentation shall be made of representative artifacts in the collection.
 - d. If necessary, documentary research will be conducted for analysis and interpretation of artifacts and other finds.
 - e. Samples from strata or from particular cultural elements must be properly packaged, labeled and preserved. The data resulting from their analysis must be included in the final report.
10. If any additional construction activities are added or design changes are made after the project has begun, the CM and PM, prior to performing the work, shall inform the GM and the Monitor. The Monitor, in conjunction with GM, shall evaluate these activities and apply the adverse effect criteria. If it is determined that the effect is adverse, the archaeologist will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the SHPO and PAE prior to implementation. The SHPO and PAE will have 15 days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the SHPO and PAE has no objection and concurs with the recommendations outlined.
 11. If during construction activities a historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the PM, GM, and Monitor. The Monitor, in conjunction with GM, shall evaluate the unanticipated effects and apply the adverse effect criteria within no more than 24 hours. If the effect is determined to be adverse, the Monitor and GM will provide recommendations on how to avoid, minimize, or mitigate such adverse effects. The GM shall consult with the SHPO and PAE on the recommendations prior to implementation. The SHPO and PAE will have 48 hours to comment on the recommendations. If no communication is received within that timeframe, it will be understood that the SHPO and PAE has no objection and concurs with the recommendations outlined.

C. After Construction Ends

1. Upon the completion of archaeological monitoring, the PM and GM shall be notified. The estimated date of delivery of the final report shall be indicated in the said notification.

2. The Monitor shall again document the historic properties located within the project's area of potential effects. The condition of the properties should be compared with those documented at the beginning of the project. This documentation shall be included in the final technical report.
3. The Monitor shall prepare an Archaeological Supervision End of Field Report, which shall include the main findings and their location, the methodology used for their excavation and documentation, conclusions on the effectiveness of the archaeological supervision, the integrity and importance of the archaeological resources discovered, meritorious protection aspects and clear recommendations as to the course of action to be followed. It should also include the date of delivery of the Final Report. This report will be delivered to the GM. The GM shall be responsible for submitting it to the SHPO and the PAE. The report shall be submitted to the GM no later than two (2) weeks after completing the archaeological monitoring work. The GM shall submit the report to the SHPO and PAE no later than one (1) week after receiving it.
4. A Final Archaeological Monitoring Report shall be prepared and submitted by the date stipulated in the End of Field Report. This report shall include a description of the work performed, the construction activities that were archaeologically monitored, and documentation of unexpected finds, if any. It should also include final documentation of the condition of the properties along with a comparison of the final condition of the structures to the initial condition. The report shall comply with Article 10 Section 8 of Regulation #8932, which outlines the content and format it should have.
 - a. If the Final Archaeological Monitoring Report cannot be delivered on the established date, an extension of time will be requested from the Council, indicating the reasons why the report cannot be delivered. The request for extension shall be submitted, to the extent possible, fifteen (15) working days prior to the established date. The Council shall reply within fifteen (15) working days, in accordance with the provisions of Article 10 Section 7 of Regulation #8932, setting a final deadline for the delivery of the report. The request for extension of time must be copied to the SHPO.
5. The Principal Investigator will be responsible for retaining his or her original field notes, digital photographs, expert reports, drawings, maps and any other digital photographs, expert reports, drawings, maps, and any other documents associated with the study conducted (including digital files) and shall ensure future reference by other researchers for future reference. If unable to keep these documents, the archaeologist shall deliver them to the PAE.

D. Human Remains: If human remains are discovered, the protocol established in Stipulation III.B.1.c. of the PA and IPRC Regulation #8932, must be followed:

1. Stop work immediately.
2. Notify the local law enforcement office and coroner/medical examiner following applicable Commonwealth statute(s).
3. Protect the remains from any harm.
4. The GM shall be responsible for notifying the SHPO and PAE within twenty-four (24) hours of identifying human remains.
5. The services of a physical anthropologist or specialist in bioarchaeology will be required.

V. PROFESSIONAL QUALIFICATIONS

The Monitor must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36CFR Part 61. These are: a graduate degree in archaeology, anthropology, or closely related field, plus at least one (1) year of full-time professional experience or equivalent specialized training in archaeological research, administration, or management; at least four (4) months of supervised field and analytic experience in general Puerto Rican archaeology; the demonstrated ability to carry research to completion; and at least one (1) year of full-time professional experience at a supervisory level in the study of archaeological resources of the pre-Columbian and colonial periods. Please see https://www.nps.gov/history/local-law/arch_stnds_9.htm for more information.

The SOI-qualified archaeologist shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications. Any additional personnel to intervene in monitoring efforts shall have vast experience in historic archaeology, in working in evaluation (Phase II), documentation (Phase III), and monitoring projects dealing with colonial period properties.

The Principal Investigator may not transfer his or her duties, obligations, and responsibilities to subordinates or other technicians who are not professionally trained in archaeology. In the case of hiring archaeologists and trained technicians to assist in archaeological monitoring, the Principal Investigator must be present for at least 25 percent of the duration of the fieldwork to supervise them.

VI. CITED REFERENCES

Advisory Council on Historic Preservation

2009 ACHP recommendations on the recovery of significant information from archaeological sites
https://www.achp.gov/protectinghistoricproperties/Section_106_Archaeology_Guidance.

Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico.

2017 *Reglamento para la radicación y evaluación arqueológica de proyectos de construcción y desarrollo*. San Juan: ICP. Reglamento #8932 del 8 de febrero de 2017.

National Park Service


s/f “Archeology and Historic Preservation: Secretary of the Interior’s Standards and Guidelines [As Amended and Annotated] Professional Qualification Standards”.
https://www.nps.gov/history/local-law/arch_stnds_9.htm

s/f “Archeology and Historic Preservation: Secretary of the Interior’s Standards and Guidelines for Archeological Documentation”. http://www.cr.nps.gov/local-law/arch_stnds_7.htm

Rigau, Jorge and Tamara González Vega

2024 Puerto Rico 2017 Disaster Recovery, CDBG- DR CRP Program. PR-CRP-000876
 section 106 Form


APPENDIX A: MONITORING DAILY ACTIVITY SHEET

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Project Name:		
Case ID:	City:	
Project Coordinates:		

SOI Qualified-Archaeologist:
Archaeologist Assistant:
Date of Monitoring:
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"/>

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Project Name:		
Case ID:	City:	
Project Coordinates:		

Site Photos	
Direction of Photo: Description:	
Direction of Photo: Description:	

APPENDIX B: PAE & PRSHPO LETTERS



OFICINA ESTATAL DE

CONSERVACIÓN HISTÓRICA

GOBIERNO DE PUERTO RICO

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Thursday, June 12, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-05-23-25-01 PR-CRP-000876 (San Germán), Plaza Santo Domingo and Plaza Francisco Mariano

Dear Ms. Poche,

Our Office has received and reviewed additional information regarding the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects.

After a review of all the documentation provided, the PRSHPO agrees with your finding that the proposed project will have no adverse effect upon historic properties pursuant that the following condition proposed by the agency is met:

1. Archaeological monitoring will be carried out during all ground disturbing activities.

Please note that should the Agency discover any historic properties including archaeological findings at any point during project implementation, you should notify the SHPO immediately. If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ SG



OFICINA ESTATAL DE
CONSERVACIÓN HISTÓRICA
OFICINA DEL GOBERNADOR

STATE HISTORIC
PRESERVATION OFFICE
OFFICE OF THE GOVERNOR



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 23, 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 PROGRAM

RE: ADDITIONAL INFORMATION REQUEST FOR SHPO-CF-02-19-25-09, PR-CRP-000876, PLAZA SANTO DOMINGO AND PLAZA FRANCISCO MARIANO, SAN GERMÁN, PUERTO RICO – *NO ADVERSE EFFECT, CONDITIONED*

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated March 17, 2025, in response to the documentation submitted for consultation regarding the Plaza Santo Domingo and Plaza Francisco Mariano Project in the Municipality of San Germán. In that letter, the you stated that, “While intended to improve them from an aesthetic and technical standpoint, and the general approach is to consider how they convey San Germán’s historic significance, the proposed undertaking contemplates numerous and diverse activities that we believe should be presented and discussed prior to our concurrence with the agency’s proposed finding. To that end, we would like to suggest a meeting between our staffs and any consultant you deem necessary be coordinated at your earliest convenience to continue our review of this significant project.”

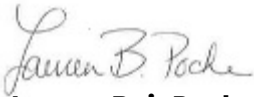
Two meetings were held on April 7 and April 9, 2025, to discuss the project. As a result of these meetings, the Subrecipient’s architect has proposed design changes to address the issues raised, including adjustments to the curved benches, lowering the planters, and the paving. The proposed pedestal clock will remain. The attached memo from Architect Jorge Rigau further outlines these design amendments.

We believe that the proposed changes support our original determination that the undertaking for this project will result in no adverse effect to historic properties. Therefore, 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 during all ground-disturbing activities. 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. for review and concurrence of the appropriateness of its implementation for this undertaking.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

LBP/KPS

Attachments

May 20, 2025

TO: Kristin Sanders
Historic Preservation Manager, Government Services I
HORNE

FROM: 
Jorge Rigau, FAIA
Jorge Rigau Arquitectos, PSC

RE: Rehabilitation Project of Plaza Mariano Quiñones & Plaza Santo Domingo
Municipality of San Germán
PR-CRP-00876 / Project Description Amendment

This project description amendment pertains to the design of the above-mentioned project which was discussed with SHPO personnel in two different meetings on April 7 and 9, 2025; one virtual, the second held at the state agency's office in Old San Juan.

The first meeting was scheduled to explain the project and answer questions to the SHPO review team regarding our proposal for Plaza Santo Domingo. After explaining the design for Plaza Mariano Quiñones, the conversation focused on Plaza Santo Domingo. Three issues were raised by the SHPO staff:

1. Shape, height & look of benches at east and west ends of the open space.

Introducing curved shapes in an otherwise orthogonal plaza was questioned, and the height of the adjacent planters was considered excessive, given the prevailing horizontality of the plaza. Moreover, we were requested to specify the finish material of the benches, not defined in the plans submitted.

2. Paving pattern in the surrounding streets.

Concern was raised regarding the possible visual/contrasting impact of the street paving materials that are being recommended to substitute the existing, deteriorating pattern of pebbles and bricks.

3. Addition of a pedestal clock west of the plaza.

The need to incorporate a previously non-existing element in the plaza, its relevance to the space, and its remade historical character were questioned.

A second meeting was set up to address these matters in presence of San Germán's Mayor Virgilio Olivera Olivera. After said meeting, all issues were productively clarified, acknowledging both the project's design and SHPO's recommendations.

In summation, the following was established in agreement with all parties:

The **curved benches** will highlight the ends of Plaza Santo Domingo, underlining the space's axial condition. Facing Porta Coeli, the benches will rotate slightly to face the church, endowing it with a contemplation atrium. Benches will be finished in cement aggregate. All new planters will be lowered, as suggested by SHPO. After explaining the location, configuration, and materiality of the **paving pattern**, everyone agrees that it should not "compete" with the plazas as protagonical urban components. We will take this into account when evaluating mockups required from the contractor to be selected. Apropos the **pedestal clock**, Mayor Olivera expressed his desire to install the clock as a long-lasting legacy of his administration. He wants to follow the practice of previous majors in town who contributed added elements to the plaza and do so with a traditional-looking element.

To acknowledge all the above mentioned, this Project Description Amendment is presented for record. •



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Monday, March 17, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-02-19-25-09 PR-CRP-000876 (San Germán), Plaza Santo Domingo and Plaza Francisco Mariano

Dear Ms. Poche,

The SHPO has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects.

As established in the Section 106 Effect Determination Form, the indirect and direct Area of Potential Effects (APE) are located within the San Germán Historic District, which is listed in the National Register of Historic Places (Ref #94000084). As individually eligible sites, the Plaza de Santo Domingo - and especially the Plaza Francisco Mariano Quiñones - have recently been the object of further documentation efforts carried out by our Office for their uniqueness to most of Puerto Rico's urban settings.

While intended to improve them from an aesthetic and technical standpoint, and the general approach is to consider how they convey San Germán's historic significance, the proposed undertaking contemplates numerous and diverse activities that we believe should be presented and discussed prior to our concurrence with the agency's proposed finding. To that end, we would like to suggest a meeting between our staffs and any consultant you deem necessary be coordinated at your earliest convenience to continue our review of this significant project.

If you have any questions concerning our comments or require further assistance, do not hesitate to contact us.



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935

Sincerely,



Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ SG



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director

Puerto Rico State Historic Preservation Office

Cuartel de Ballajá, Third Floor

San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery

2/19/2025

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-000876, Plaza Santo Domingo and Plaza Francisco Mariano, San Germán, 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 Plaza Santo Domingo and Plaza Francisco Mariano project, which is located within the National Register listed San Germán Historic District and San Germán's Traditional Urban Center. The Municipality of San Germán proposes improvements within the plazas, as well as in the surrounding streets and sidewalks. At Plaza Mariano Quiñones, pavements and the walls of the low planters will be repaired, the eight (8) concrete benches lining the perimeter of the

plaza will be rehabilitated, and a gazebo will be re-incorporated to evoke one that previously existed there. In Plaza Santo Domingo, the low walls of the planters will also be repaired on site, without demolishing them, except for brief segments to be substituted by curved ones. The plaza will incorporate benches and posts like those proposed for Plaza Mariano Quiñones and the central section of the space will be repaved. At each end of the space, a semicircular bench (in concrete) will be placed, which, along with a pair of lighting posts, will frame the entrance to the plaza. To the west, the bench incorporates a pedestal clock. The existing vegetation, including trees, shrubs, and grass, will be preserved. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 90% design development plans.

Based on the documentation provided, the Program requests a concurrence with a determination that "**No Adverse Effect**" is appropriate for this undertaking, conditioned to archaeological monitoring during all ground-disturbing activities. 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. 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/KPS


Attachments

PR-CRP-000876

**Plaza Santo Domingo and Plaza Francisco
Mariano Project**

San Germán, Puerto Rico

Section 106 Effect Determination Form

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	


Project Location: Plaza Santo Domingo and Plaza Francisco Mariano, Municipality of San Germán, PR	
Project Coordinates: PMQ 18.082269 -67.043145, PSD 18.081937, -67.043145	
TPID (Número de Catastro): Plaza Santo Domingo, Cadaster Nos.: 334-034-032-01-000 and 334-034-033-01-000. Plaza Mariano Quiñones Cadaster No.: 334-034-019-01-000	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction	
Construction Date (AH est.): 1960's/1980's rehab for both plazas	Property Size (acres): 1.422

SOI-Qualified Architect/Architectural Historian: Jorge Rigau
Date Reviewed: July 30, 2024 / December 17, 2024 / January 27, 2025
SOI-Qualified Archaeologist: Tamara González Vega
Date Reviewed: July 24, 2024 /

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties. 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).

PROJECT DESCRIPTION (Undertaking)

The Municipality of San Germán proposes the rehabilitation of the two most prominent public spaces in the city: Plaza Santo Domingo and Plaza Francisco Mariano Quiñones. Both squares make up the urban "backbone" of the town, they run in an east-west direction, are linked by the Ruiz Belvis Street and around by several of the most emblematic structures of "*La Ciudad de las Lomas*": the Church of San Germán de Auxerre, Porta Coeli, the original City Hall and notable residences, among them, the old House of Waldemar Morales in the "Queen Anne" architectural style, the house of Ernestito Quiñones and the so-called Casa de las Bahr. Both squares are longitudinal and are bordered by streets on all four sides. Mariano Quiñones Square is surrounded by Padre San Agustinos, Ruiz Belvis, De la Cruz streets and a street space without its own name in front of the former mayor's office. Both squares are longitudinal and are bordered by streets on all four sides.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

Plaza Santo Domingo is surrounded by Belvis, Félix Arce Lugo, Yamil Galib and Carro streets. Plaza Mariano Quiñones covers 12,755.2 square feet; the Plaza de Santo Domingo comprises 13,013.6 square feet.


The proposed intervention for Mariano Quiñones Plaza and Santo Domingo Plaza — the pair of emblematic public spaces in San Germán—comprises improvements within their perimeter as well as in the surrounding streets and sidewalks, as delimited in the project's plans. The project respects the general appearance of both spaces, maintaining and repairing their paving, planters, vegetation, and sculptural elements; also restoring most existing materials and finishes. In parallel, selective technical and aesthetic improvements are incorporated for better functionality and appearance, including new lighting posts and benches. In Mariano Quiñones Plaza, a gazebo will be re-incorporated to evoke one that previously existed there to encourage varied programming of various public activities. In Santo Domingo Plaza, the proposed intervention includes placing a pedestal clock that, visible from both plazas, will strengthen the spatial connection between them. At its east and west ends, new benches will be added for the enjoyment of the surrounding architecture. The footprint of each plaza will remain as is, not increased or reduced. The project includes construction work, repairs, improvements, material removals, and minor excavations in both plazas, partially intervening in surrounding streets, intersections, sidewalks, curbs, and gutters. The specific nature of the work to be carried out is detailed ahead. As part of the project, safety measures will be implemented in compliance with federal and local regulations for pedestrians, cyclists, and vehicular traffic in this area.

EXISTING CONDITIONS IN STREETS

The proposed project includes the repaving of the streets surrounding both plazas and improvements to the adjacent sidewalks.

EXISTING CONDITIONS IN THE PLAZAS

Both plazas are elevated from the street level that surrounds them and are accessed by steps whose number and height vary according to the elevation. Each plaza features vegetation, shrubs, planters, benches, and light posts. Not all light posts are working, and several are missing pieces. The brick paving and planters have suffered excessive wear to the point that, at ground level, loss of material represents a danger. To the northeast of *Plaza Mariano Quiñones* (still paved with mortar and imitating Canary Islands tile) there is a kiosk that remains part of the project. At the center, a grass rectangle is the footprint of the fountain that was once located there.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

At both sides of Plaza Santo Domingo (north and south), eight (8) pedestals made of marble with scarce ornamentation present busts of notable city figures. Through the center of the plaza, at ground level, runs a marble pavement with carved phrases alluding to the history of San Germán. These pieces were installed to cover a "water thread" that was part of the previous remodeling of the space under the former "*Directoría de Urbanismo*" in the 1980's. The workmanship was not the best; the water channel was "filled in" without achieving a homogeneous character. It now appears to be "patched".

EXISTING CONDITIONS IN SIDEWALKS, CURBS, AND GUTTERS

Currently, the sidewalks are paved with brick, originally bound by mortar. There are numerous instances of hollows, impacts, breaks, and wear. The loss of material is notable in various instances and represents a risk for pedestrians walking on them. In various locations, the lack of mortar adds to the insecurity of passersby. The concrete curbs show some breaks and cracks, but they do not need to be replaced, only repaired. The depth of the existing brick gutters contributes to the insecurity of those wanting to cross the street.


PROPOSED IMPROVEMENTS FOR THE STREETS

The project includes replacing the existing paving material (river pebbles and bricks) on the roadways around both plazas. See Figure 1 below.



Figure 1. Sample of state of disrepair of river pebbles pavement at streets.

While the finish adopted in the 1980's was based on replicating the character of the streets at a given point in the town's history, this project echoes another stage


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in the town's history: those times when the streets of the population were covered with compacted earth. The existing concrete slab will remain in place, without the need to dig under it. The river pebbles and bricks will be removed, disposing of the gravel in an authorized landfill and/or officially using it as fill for some municipal project soon. After cleaning and scarifying the concrete slab that is to remain, a 2-inch layer of Surface Deactivator brand cementitious mortar with resistant aggregates, Color 306 Toffee, will be applied. The texture, color, and appearance of the material evoke the character of the compacted earth in driving areas that, for a long time, remained unpaved in Puerto Rican towns, including in San Germán. See Figure 2 as follows:



Figure 2. Sample of cementitious material to be applied on the existing concrete slab. Brand: Solomon Colors/Surface deactivator/Exposed Aggregate Concrete; Distributor: Álvarez Trading.)

This new layer will be solid and leveled to eliminate the problem of pebble detachment and brick breakage; it will include segments to be repaved in brick and the restoration of several of the existing sections. The proposed material meets Federal and State specifications for use on roadways. Thus, the durability and resilience of the pavement will be enhanced within a framework of historical veracity. Use of fragile aggregates that yield or break under the weight and run of cars and trucks, whose impact was not contemplated years ago, has been avoided. Although the 1980's renovation was informed by a given historical intention, the products used, their quality and installation proved to be ineffective for the expected wear and tear. See Figure 3 ahead.

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The pavement finishes now proposed will allow us to address similar conditions with greater flexibility. As the application of this material will be done without removing the concrete slab that served as the base for the works in the 1980's, no excavation will be required for this work.



Figure 3. Crude design of pebble and brick finish and gutters.

PROPOSED IMPROVEMENTS FOR SIDEWALKS, CURBS, AND GUTTERS

The project does not contemplate any change in the geometry of the streets or sidewalks. The existing brick paving on the sidewalks will be maintained, filling in the cracks and hollows with mortars of a composition like the physical constitution of the clay. To this end, preliminary tests will be conducted on-site to corroborate differences in consistency and hue. There is no plan to demolish the existing concrete curbs, unless unexpectedly, one should present a problem during construction. If so, authorities would be consulted before any action is taken. The existing gutters, furnished with clay tiles, were built deep, posing a fall risk for pedestrians. Where the streets are repaved, the gutters will be reconstructed in the same cementitious material to be applied to the street, removing the current brick facings and improving their slope to prevent falls. Many of the improvements proposed by this project aim to minimize the difficulties currently confronted by pedestrians, but in-keeping with the historical bearing of San Germán.

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PROPOSED WORKS FOR PLAZA FRANCISCO MARIANO QUIÑONES

At Plaza Mariano Quiñones, pavements and the walls of the low planters will be repaired. All bricks with cracks and hollows in the low walls of the planters have been meticulously documented and identified to be filled with a compatible mortar. Repairs will be carried out on-site, inside and outside the perimeter of the space. Low walls will not be demolished, only two small segments to accommodate the circular benches at each end of *Plaza Santo Domingo*. In both plazas, low walls will be maintained and repaired.

The eight (8) concrete benches lining the perimeter of the plaza will be rehabilitated. The current appearance of these benches corresponds to a previous intervention of a crude nature. Built using integral terrazzo, these pieces are of poor quality, with an out-of-scale thickness and clumsy handling of the terrazzo joints when the material changes color. Included in these planters are healthy and attractive trees that currently contribute to the aesthetics and shade of the plaza. These trees will be maintained.

Taking everything into account, the project proposes rehabilitating each concrete bench by removing the seating component, restructuring the base of the planter to include a new backrest and "arms" (as a niche) to now include a traditional bench that will introduce a more human scale in line with the scale and character of the city and its history. The terrazzo bench seats will be partially removed but retaining the planters and the existing trees on them. In contrast to the crude treatment of these pieces *in situ*, the benches are now designed with a feature to place food, computers, shopping bags, also for just sitting. New lighting posts (of traditional design) will replace the existing ones in the same place where previously posts were located. A concrete gazebo will be incorporated, evoking a previously existing one that was in the same plaza at the turn of the 20th century and served as a stage/platform for musical groups and performances. See Figure 4 below.


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Figure 4: Historical photograph of Plaza Mariano Quiñones illustrating the gazebo of yesteryear (1898).

The hierarchical presence of the former gazebo in the space is now reinstated by a new gazebo designed in concrete with steel details, railings, and a functional “ring” to hold lighting equipment. It includes an access ramp and electrical facilities for lighting and sound. In the area where the gazebo is to be erected, already exists an electrical connection from an old fountain, therefore digging will not be required to incorporate new electricity conduits. The foundations of the gazebo will reach one foot (1' - 0") below the surface, without the need for further excavation.

Around the gazebo, “losa canaria” paving will be incorporated where there is now “argamasa”. Work in the plaza includes providing Canary Island tile where it is broken, battered, or simply missing. This happens particularly in pieces around the perimeter. Mortar in the joints will be removed to facilitate the extraction of these pieces; the mortar that appears underneath will be removed, this material will be disposed of, surfaces cleaned, and new tiles will be installed after identifying the correct color so that the new mortar matches the original. Once the tiles are installed, the work done will be protected from the weather until it consolidates. The “losa canaria” tile also appears as edging or frieze and steps along the plaza.

PROPOSED WORKS FOR PLAZA SANTO DOMINGO

In Plaza Santo Domingo, the low walls of the planters will also be repaired on site, without demolishing them, except for brief segments to be substituted by curved ones. The broken and perforated bricks will be filled-in with a mortar mix, designed for this purpose. Where the brick is in critical condition, it will be replaced with a similar, new one or recuperated. The plaza will incorporate benches and posts like those proposed for Plaza Mariano Quiñones. The central section of the space will

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be repaved with honed granite slabs, 1'-8" x 0'-10" each, and a polished peripheral strip of 1'-5" and a frame in mortar panels measuring 1'-6" x 0'-6". The aim is to create a homogeneous environment, something that was not achieved when covering the "water thread". Then, cuts to the existing bricks were made with little delicacy, as well as in the application of mortar.

Both ends of what was the old Parque de Santo Domingo will be reorganized to improve the spatial connection with what happens to the east and west of the plaza. At each end of the space, a semicircular bench (in concrete) will be placed, which, along with a pair of lighting posts (like the rest), will frame the entrance to the plaza. To the west, the bench incorporates a pedestal clock, around which visitors can sit, children can play, and visitors can take photos. To the east, the bench is oriented towards Porta Coeli, thus highlighting the presence of the monument in the urban space. The turn of the bench suggests that the end of the plaza figuratively becomes the atrium of Porta Coeli.


The existing vegetation in the plaza will be maintained, reusing the already existing infrastructure facilities, improving the electrical wiring (without digging) and a water outlet. The marble veneers of the sculpture pedestals and busts will be repaired, applying conservation techniques for the correct treatment of marble and bronze.

INFRASTRUCTURE

Minor electrical improvements are part of the scope of work, as the existing installations will be utilized, such as the one running from the old town hall westward to reach the very center of *Plaza Mariano Quñones* where the gazebo will be erected. Excavations for electrical piping are not contemplated. The new wiring will run through conduits already in place. The lighting posts will be placed where the previous ones were, except for four (4) new ones to be located at both ends of *Plaza Santo Domingo* (2 + 2). These are not solar posts. To wire these, electrical installations can run through the planters next to each of one of them. The project does not include improvements related to plumbing, drains, or sewers.

EXCAVATIONS AND REMOVALS

Site Assessment & Planning: Prior to any removal work, a thorough site assessment will be conducted to evaluate existing conditions and identify potential hazards. Engineers and environmental experts will assess the site for contaminants like asbestos, lead, or other hazardous materials, requiring proper handling and removal. Contractor and Municipality will outline a proper sequence of components removal, ensuring implementation of safety measures, and approved waste disposal procedures. The Municipality will require the Contractor to provide

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evidence of proper and legal disposition of any removed materials. Removal and substitution work to be carried out inside the plaza will be performed with lightweight equipment considering not to damage any possible important elements below ground. Contractor shall take special precautions on areas identified as sensitive: environmental, architectural, and archeological.

During the construction process, erosion and sedimentation control measures will be implemented to avoid the discharge of sediments into road surfaces, sidewalks, and the storm sewer system during rainfall events. These will include installation of hay bales (or silt socks) on drainage structures, provision of a silt fence around the project limits, and implementation of a washout entrance for trucks to avoid sediments migrating into the streets. Staging and storage areas for construction materials will be protected by the silt fence, installed over a 0'-4" trench with stakes driven 0'-6" below. The short street in front of the old town hall, east of *Plaza Mariano Quiñones*,


will be used as staging area, as it would be at a reasonable distance between both plazas and in a space that would not significantly alter traffic. Construction equipment and materials will be stored outside both plazas, avoiding possible adverse impacts to the already paved surfaces. A Maintenance of Traffic Plan (MOT) and temporary control devices will be implemented to control vehicular traffic and provide a safe route for pedestrians during construction of the project. The MOT will be prepared in compliance with the PRHTA and FHWA standards and regulations. Streets, sidewalks, and plazas have been subjected to multiple interventions over the years. In contrast, this project proposes the removal of some surface elements and minimal excavations.

Streets, Gutters, and Sidewalks

1. Asphalt and "chinos de río" (pebble stones; stone pavement) will be removed using an excavator or jackhammer; when needed, by hand. The existing concrete slab will not be demolished. Debris will be transported off-site by dump truck to a preapproved location. Depth of stones to be removed: 0'-02". Area: 3,560 sq.mts.

Mariano Quiñones Plaza

1. Excavations for footings for the construction of the gazebo. Depth 1'-0" x 0'-6" x 53'-0"; Area: 232 sq. ft.
2. Removal of the curved seats of the integral terrazzo benches. 18 sq. ft. per bench (8 benches = 144 sq. ft.)
3. Removal of mortar in the central area (not including the concrete slab that serves as a base). Depth: 2'-0"; Area: 100 sq. mts.

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Santo Domingo Plaza

1. Excavation to remove the central pavement strip running east/west. Depth: 0' - 1.5" and Area: 925.6 sq ft.
2. Excavation for new foundations for the four (4) lighting posts: 1'-0" x 4'-0" = 4'-0"
3. Excavation for footings of the semi-circular benches/planter; 30 sq. ft.
4. Excavation for the footing of the pedestal clock: 10'-0" sq. ft.
5. Damaged bricks and marble slabs will be removed, without demolishing the concrete slab beneath. Removal of tree stump remnants in planters by grubbing.

LANDSCAPING


The existing vegetation, including trees, shrubs, and grass, will be preserved. The Municipality is committed to strengthening the plant material already on-site once the planters are rehabilitated. No excavation is contemplated for these purposes, except for planting. The Municipality of San Germán will require the

project contractors to present evidence of the legal disposal of debris and gravel. measures will be implemented to avoid the sediments to discharge into the road surface and storm sewer system during rainfall events, including installation of hay bales (or silt socks) on drainage structures, installation of silt fence around the project limit, and implementation of a washout entrance for trucks to avoid sediments migration into the streets.

The staging area for the construction equipment and materials will be located at Betances Street. Construction equipment and materials will be storage outside the plaza area, avoiding possible adverse impacts to the Plaza surface. Staging and storage areas for construction materials will be protected with silt fence. A Maintenance of Traffic Plan and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works.

AREA OF POTENTIAL EFFECTS


As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the area encompassed by the footprints of Plaza Santo Domingo, Plaza Francisco Mariano Quiñones, the street connecting both, the old city hall, and all surrounding streets and sidewalks. The APE

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comprises 75,300 square feet. Total length is 815'-0". Width at Francisco Mariano Quiñones Plaza, Ruiz Belvis stretch and old city hall averages 110'-0". Width at Plaza Santo Domingo averages 90'-0". This is the viewshed of the proposed project. Mariano Quiñones Plaza is surrounded by Padres Agustinos street (to the north), Ruiz Belvis street (to the south), De la Cruz street (to the west), and a stretch of a street with no name in front of the former town hall (to the east). Santos (to the south), Yamil Galib street (to the east), and Carro street (to the west). The project includes the rehabilitation of both plazas, their surrounding streets, and sidewalks up to the area where they intersect, defined by brick pavement strips as illustrated and explained later. According to *CRIM*, Mariano Quiñones Plaza covers 9,577.2 square feet. Santo Domingo Plaza consists of two parcels: Parcel 334-034-032-01 occupies 3,827.8 square feet, and Parcel 334-034-033-01 occupies 3,325.3 square feet. However, the current area of this plaza exceeds the sum of the two parcels. In the past, a street ran between the two parcels. The street was eliminated, and its space was joined to both parcels to grant continuity to Santo Domingo Plaza, thus reaching its current size. No deed documents can be referenced reference because the Municipality of San Germán does not have them.

The APE considers repairs/Improvements of the Plaza Santo Domingo and Plaza Francisco Mariano Quiñones in the same location, the APE for visual effects is within the geographic and does not have the potential to introduce visual elements that diminish or alter the setting area of the project, including the landscape, where the setting is a character- defining feature of a historic property that makes it eligible for listing on the National Register. The visual effects of the APE for the repairs/Improvements of the Plaza Santo Domingo and Plaza Francisco Mariano Quiñones will be visible from all the NRHP-eligible and listed properties, given that the APE is within the NRHP Listed San Germán Historic District (Ref # 94000084) and the NR Eligible San Germán Centros Urbanos. The Visual or Indirect Areas of Potential Effect of the proposed project are not within the immediate physical footprint of the project. The consequences of the indirect APE will be during the construction phase only due to changes in aesthetics or disruptions to local transit that may extend beyond the project's physical boundaries. Access roads and staging areas will be coordinated to minimize the disturbance in the traditional urban center. The proposed design considers the urban scale in relation of the surrounding setting.

As the plazas are public spaces that serve as hubs for civic activities and provide resources to the community, the project is intended to enhance historical significance using some 21st century design strategies without compromising the traditional urban center and listed or eligible properties.


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Identification of Historic Properties – Archaeology

The proposed project is within the Traditional Urban Center of San Germán. San Germán has a great number of archaeological sites and historic structures. The National Register of Historic Places nomination lists 152 resources contributing to the historic significance of the area, including among these Plaza Santo Domingo and Plaza Francisco Mariano Quiñones, where the proposed project will be located.

As per FEMA's Flood Maps, the project area is not within a flooding zone (official or advisory). The closest significant body of water is Río Guanajibo, 0.43 kilometers north of town. The Caribbean Sea lies 12.25 kilometers south.

Based on the U.S.G.S. Geological Map of the San Germán Quadrangle, Santo Domingo Plaza is located on Serpentinite (Unit KJs), a metamorphic rock. Conversely, the Francisco Mariano Quiñones Plaza lies over Mariquita Chert (Unit KJm), which is a hard, dense sedimentary rock. The geologic unit KJs consist of black, blackish-green, pale green, blue-green, pervasively fractured and sheared rock made primarily of serpentine minerals. Vague outlines of pyroxene and olivine grains are in some specimens. Pyroxene grains are serpentinized in a characteristic boxwork texture and persist as bastite, displaying megascopic reflective surfaces of relict cleavage planes.

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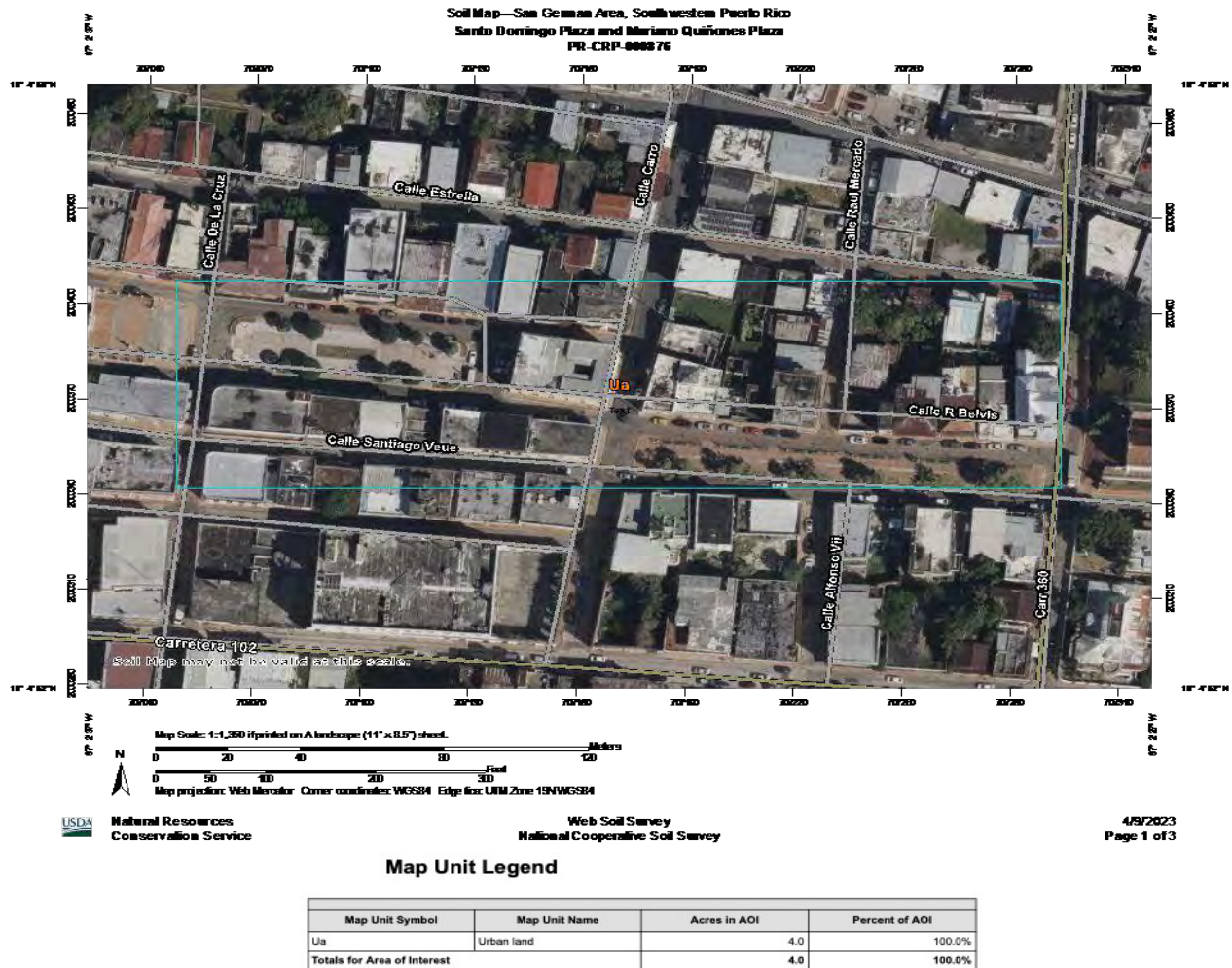



Figure 5. Web Soil Survey, National Cooperative Soil Survey (National Resources Conservation Service), 2023.


The Mariquita Chert (KJm) is yellowish-red, brownish-red or grayish-green, medium grained bedded chert with rare basalt and silicified limestone lenses. Subsoil explorations in nearby areas have been able to find both geologic formations in a residual, completely weathered state, stiff to hard consistency, reddish-brown to olive, silty clay with variable amounts of sand and severely weathered rock fragments. Explorations have also been able to find the presence of approximately 3 to 5 feet of man-made fill made of dark brown silty clay mixed with gravel and brick fragments. Fill layer shows medium to stiff consistency or medium dense to dense state, with Standard Penetration Tests showing N-values between 10 to 20 blows per foot (bpf).

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Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are thirty-three (33) known archaeological sites or NRHP listed/eligible historic properties within a quarter-mile research radius of the APE. The result of this background research shows that out of these 33 known archaeological sites or NRHP listed/eligible historic properties, 33 are positive for historic materials. Out of these 33 historic properties, only one (1) has been positive for precontact materials (Antiguo Hospital de la Concepción, #28 in Table 1 and #4 in Table 3.

Table 1. Archaeological sites or NRHP listed/eligible historic properties within a quarter-mile research radius of the APE.


#	Name	SHPO id #	IPRC id #	Distance/ Direction	Description	NRHP (listed, eligible, non- eligible, no data)
1	Alcantarilla pluvial sobre la Quebrada Manzanares	SG0200008	No data	1,151 lft east	Partially underground pluvial system of the colonial era to collect the waters of Quebrada Manzanares and allow the extension of town to the south area. More than two kilometers long, some areas can be traveled on horseback.	Listed
2	Casa de los Ponce de León	No data	No data	505 lft west	No data	Eligible
3	La Casona	No data	No data	91 lft north	Former residence of Tomás Agrait Font. Built from 1856- 1871, it hosted the social activities of the Círculo de Recreo around 1876. A ball was offered in 1903 in honor of Alice Roosevelt (daughter of Pres. Theodore Roosevelt) during her visit to San Germán.	Eligible
4	Plaza Francisco Mariano Quiñones	No data	No data	Within	Sits between San Germán de Auxerre Church and the old city hall. It was also the market square (<i>Plaza de Viandas</i>) until the beginning of the 20th century.	Eligible
5	Puente de Bolas	No data	No data	2,198 lft west	Located at Interamerican University Avenue (old Luna Street) west of town. Official and important visitors – governors, bishops - were formally received here in the past. It used to define the urban limit.	Eligible
6	Iglesia de San Germán de Auxerre	No data	No data	91 lft west	Built in 1739 to replace the old, ruined church built in 1570. It has undergone several renovations and restorations. In its central nave is suspended an impressive glass chandelier dating from 1869. Its altars are made of marble, and the ceiling is hand-painted.	Eligible

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#	Name	SHPO id #	IPRC id #	Distance/ Direction	Description	NRHP (listed, eligible, non- eligible, no data)
7	Museo Alfredo Ramírez de Arellano	No data	No data	656 lft southeast	Elegant example of early 20th century manor house architecture. Built in 1903 in masonry. It includes steel straps for seismic protection.	Eligible
8	Ruinas de la Casa del Componte Residencia Sanabria	No data	No data	449 lft southwest	Once a two-story house with commercial lodging below, it was the local seat of the repressive political campaign known as the <i>Componte</i> of 1887, initiated by Governor Romualdo Palacios to suppress revolutionary opposition against Spain.	Eligible
9	Casa Morales	No data	No data	85 lft east	Singular Queen-Anne style residence, built in 1915. Located at the end of Ruiz Belvis Street, in front of Porta Coeli. Built by local master builder Juan Barón Capriles, for the family of Tomás Vivoni, after the design of Pedro Vivoni.	Eligible
10	Antigua Casa Alcaldía	No data	H-3	19 lft east	Built between 1839-1844, following prototypical local mayor's' offices under the Spanish government. City Hall functions were housed on the upper level and the District Jail was located on the first floor. In 1989, official functions were relocated at a new building on Interamerican University Avenue.	Eligible
11	Museo de la Farmacia	No data		13 lft south	Typical pharmacy of the XIX century. Founded in 1877 by the Domínguez family who operated it until the 1960s. It was recently restored.	Eligible
12	Estación del Tren	SG0200001 2	H-13	853 lft southwest	Built at the beginning of the 20th century for the San Juan- Ponce railroad line through Arecibo and Mayagüez. It was in operation until 1953. Today, railroad tracks and a <i>teresina</i> (track inspection vehicle) remain.	Eligible
13	Casa Jaime Acosta y Forés	No data	No data	377 lft	Built between 1917-18 and designed by the master craftsman Luis Pardo for the landowner Jaime Acosta y Forés, this residence keeps intact and restored the best local examples of stenciling ("estarcidos") in Art Nouveau style in Puerto Rico.	Eligible
14	Casa Ramírez Roggio	No data	No data	276 lft east	Singular example of modernist eclectic architecture of the late 19th century, where the use of polychrome stained glass and wall painted murals stand out.	Eligible

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#	Name	SHPO id #	IPRC id #	Distance/ Direction	Description	NRHP (listed, eligible, non- eligible, no data)
15	Teatro Sol	No data	No data	22 lft east	Founded in 1915 - 1920 and managed by its owner Don Jorge Quiñones, it sports an Art Deco façade that integrates Spanish "azulejos".	Eligible
16	Casa Juan Ortiz Perichi (Residencia Hamid Galib)	No data	No data	426 lft west	Built around 1920 and designed by architect Isidro Román. Contains examples of Puerto Rican architectural ornamental craftsmanship in wood by artisan Luis Pardo, and colored glass.	Listed
17	Casa Fernando Rivera Ufret	No data	No data	173 lft southeast	Designed by Don Pedro Vivoni in 1915.	Eligible
18	Plaza Santo Domingo	No data	No data	Within	Formerly a longitudinal park with trees and lawn, it was later paved. Includes benches, lighting, and busts of distinguished sangermeños. In times of Spain, bullfights were performed. here It was used to install "picas" and amusement machines during the patron saint's festivities.	Eligible
19	Iglesia Porta Coeli	No data	N 010001 3 H-1	Adjacent	Built in 1606-607 as a chapel of the Convent of Santo Domingo (demolished), it is the oldest religious temple outside San Juan and one of the best existing examples of colonial architecture and art in Puerto Rico. Its interior structure of columns and wood and tile roof is representative of Puerto-Rican construction of the XVII- XVIII centuries. Today it houses a museum of religious colonial art operated by the Institute of Culture of Puerto Rico. It serves as headquarters for important cultural activities.	Eligible
20	Tajea	No data	No data	No data	No data	Eligible
21	Casa de Francisco Mariano Quiñones.	No data	No data	994 lft southwest	House of a Politician, abolitionist and writer, after whom one of the two most important plazas of San Germán was named.	Eligible
22	Ceiba de la Libertad	No data	No data	652 lft north	Tree planted in commemoration of the establishment of the autonomous government of Puerto Rico in 1898, on the Cerro de la Libertad, north end of Esperanza Street.	Eligible

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#	Name	SHPO id #	IPRC id #	Distance/ Direction	Description	NRHP (listed, eligible, non- eligible, no data)
23	Museo y Casa Estudio Aurelio Tió.	No data	H-26	495 lft west	Example of an urban residence of colonial architecture of the XIX century. Local historical figure Lola Rodríguez de Tió lived here before marrying Don Bonocio Tió. Her correspondence and literary works are preserved here.	Eligible
24	Casa Placita Tolin	No data	No data	419 lft southwest	Typical construction for grocery stores in the first half of the 20th century.	Eligible
25	Logia Luz de las Lomas.	No data	No data	272 lft south	Built in 1912. Headquarters of the Freemasonry in San Germán. Gift of Don Tomás Pabón.	Eligible
26	Escuela Longfellow	No data	No data	1,459 lft southeast	First school for boys and girls built under the American regime in San Germán, erected shortly after the US invasion in 1898.	Eligible
27	Casa Francisco (Paco) Ramírez.	No data	No data	941 lft west	House of politician, abolitionist and writer Ramírez. The property later belonged to Quintín Ramírez de Arellano.	Eligible
28	Antiguo Hospital de la Concepción	No data	H-23	1,302 lft southwest	Built in 1850, Operated as a hospital until 1962.	Eligible
29	Universidad Interamericana	No data	No data	1,423 lft northwest	Founded in 1912 as a Polytechnic Institute by Reverend John W. Harris, in 1956 it became Inter-American University, the first one in Puerto Rico to be approved by the Middle State Association of Universities.	Eligible
30	Cuartel de la Milicia Española o Casa del Rey	No data	No data	836 lft northwest	Built in 1854. In 1922 it became a school named after Lola Rodríguez de Tió.	Eligible
31	House of José Martín Betancourt	No data	No data	Adjacent	The residence formerly belonged to. Joaquín Nazario de Figueroa and Juan Llaneras. It was also the office of Miguel A. García Méndez, Speaker of Puerto Rico's Legislative Chamber.	Eligible
32	Casa Vivoni	No data	No data	Adjacent	House of the Forés family, an illustrious family of San Germán. Benito Forés was an assemblyman and civic leader.	Eligible
33	Lola Rodríguez de Tió	No data	No data	No data	No data	Eligible

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Three (3) cultural resource surveys have been conducted within the quarter mile radius. Out of these surveys, zero (0) were positive for pre-contact materials, three (3) were positive for historic materials; and zero (0) were positive for both pre-contact and historic materials. See Table 2 below.


Table 2. Cultural Resource Surveys within the quarter mile radius of project area

#	Author	Phase/Title	Year	SHPO/IPRC code	Results	Distance/Direction
A	Oswaldo García Goyco	IA-IB / "San Germán Siempre Galante" Revitalización del Distrito Histórico de San Germán, PR	1993	SG-90-02-03	Positive in calle Esperanza, calle Ruiz Belvis, calle Dr. Santiago Veve, calle Alfonso XII, calle Raul Mercado. Archeological supervision recommended.	Within APE.
B	Oswaldo García Goyco	Monitoría Arqueológica Proyecto de Soterrado, "San Germán Siempre Galante"	1993	No data	Positive, outside of the proposed project area.	Within APE.
C	Luis Pumarada-O'Neill, Miguel Cruz-Arocho	IA-IB / Study and Recommendations of the San Germán Vaulted Brick Tunnel Storm Water System	1988	14-08-000001-G-1249	Positive, outside of the proposed project area. There is a historic stormwater drainage system.	Within APE.

Eight (8) archeological studies have been conducted within the quarter mile radius. Out of these surveys, one (1) was positive for pre-contact materials, eight (8) were positive for historic materials; and one (1) was positive for both pre-contact and historic materials. See Table 3 as follows:

Table 3. Archeological studies within the quarter mile radius of project

#	Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance Direction
1	Oswaldo García Goyco	IA-IB "San Germán Siempre Galante". Revitalización del Distrito Histórico de San Germán, PR.	1993	SG-90-02-03.	Positive in Esperanza, Ruiz Belvis. Veve. Alfonso XII, and Raúl Mercado streets. Suggests archaeological Supervision.	Within
2	Oswaldo García Goyco	Monitoria Arqueológica Proyecto de Soterrado, "San Germán Siempre Galante"	1993	No data	Positive	Within


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#	Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance Direction
3	Juan R. González Mendoza PhD, Historian, Osvaldo García Goyco, Doris Maza, M. Arch	US Dept. of the Interior NPS RECEIVED Jan. 25, 1994. NATIONAL REGISTER OF HISTORIC PLACES REGISTRATION FORM	1994	NFS Form 10-900 : OMBNo. 1(J24-0018) (Rev. 10-90)	San Germán Historic District	Within
4	Jaime Vélez	IA-IB – Hospital La Concepción, San Germán	2001	No data	Positive. Presence of historical/cultural resources and a deposit as a multi component pre- Columbian and colonial site and need of further studies.	397 meters SW
5	Adalberto Maurás	IA-IB – Residencia Alfredo Mercado y Sra., San Germán, PR.	2013	SG-13-11-01.	Result: positive. Recommendation: preservation of existing structures.	158 meters SW
6	Adalberto Maurás	II – Residencia Alfredo Mercado y Sra., San Germán, PR.	2014	SG-14-11-02.	Positive, excavation and photo documentation of s.XVIII house with most walls and foundations present. Recommends monitoring to ensure that no impact is caused to the historic structures.	158 meters SW
7	Eduardo Questell	IA, Fase II del soterrado de la Avenida Universidad Interamericana.	2007	SG-07-08-01.	Positive. Recommends monitoring during the work to ensure that no impact is caused to the historic structures.	76 meters south
8	Federico Freitas	IA Casa Real Boutique & Spa., San Germán, PR.	2015	SG-15-11-05	Positive. Recommends monitoring during the work to ensure that no impact is caused to the historic structures.	80 meters south

Possibility of archeological findings

Based on the results of previous surveys, the number of reported archaeological sites, and use history of the APE, low, medium, and high archeological potentials have been identified for the presence of cultural materials within it.

Because the city was established in its present location since the 1570s, certain areas of the urban core were identified as archaeologically significant in the 1993 Report by Osvaldo García Goyco “*Survey de Recursos Culturales, Fase 1A, Fase 1B Parcial*”, submitted to the Municipality of San Germán, as part of the Project “*San Germán Siempre Galante, Revitalización del Distrito Histórico de San Germán*”. Phase 1A was completed between June/July 1990, consisting of documents’

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review. Phase 1B was completed between July/August 1990, consisting of site visits, visual inspections, and selective strata sampling to identify soil composition, textural qualities, size of particles, integrity, historical period, color, Munsell ID, and strata depth in centimeters. The materials recovered span a range of periods: prehistoric, historic, and modern. Regarding integrity, materials were classified as very adulterated, adulterated, slightly adulterated, virgin, sterile. The García Goyco report and the Archaeological Monitoring carried out in 1993 identify the existence of an underground layer of stones at the third strata where Carro and Santiago Veve streets intersect (0'-8.66") used formerly as street pavement. This condition was also documented at the street in front of the old City Hall.

The San Germán District Nomination for the National Register of Historic Places, 1994, authored by Juan R. González Mendoza, Osvaldo García Goyco, and Doris Maza Maza, acknowledges the archeological potential of the district and mentions areas of high, good, and little or no archeological potential. The nomination refers to an archeological study by Gus Pantel regarding the pavement at Santo Domingo Plaza. This study is not included in the nomination bibliography and could not be located at the consulted agencies. The García Goyco study results are quoted in agreement with the aforementioned areas of archeological potential.

Areas of high archeological potential

The period prior to 1850 is absent in cartographical documentation. For both the Santo Domingo and Francisco Mariano Quiñones Plazas, the strata sampling documented in the García Goyco report, did not reveal archeological material. As mentioned above, the 1990 strata sampling documented earlier street pavement in two locations: under the street in front of the old City Hall, when crossing to the main plaza, and at the intersection of Carro and Santiago Veve streets. The García Goyco report asserts that the old City Hall was built on the site of an old hospital (Hospital de la Concepción, not at its current location) as revealed through document review, however the strata sampling did not reveal archeological findings beyond the earlier pavement.

Prior to the 1850s, most of the construction seems to have been centered along Ramas and Alfonso XII streets and a section of Esperanza and Manzanares streets, thus, this zone represents the area of the longest settlement in the history of San Germán's urban life.

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Areas of medium archeological potential

Strata samples in other streets mentioned above also produced artifactual material from the 18th century, particularly majolica, as is the case of Manzanares

and Esperanza streets. There are other areas that could produce evidence of human habitation in the form of skeletal remains: the Atrium, interior and patio of the Parish Church, as well as the Porta Coeli Chapel. Parish death records show that until the early 19th century, parishioners were buried here.


Finally, within the proposed district, places were identified where the artifactual material places their habitational temporality to the nineteenth century or later, where remnants of earlier structures can still be found and where the archaeological context has barely been disturbed. This could be the case of those houses that were built on the ground without cellars, latrines or cisterns. With the placement of a sanitary water supply system, many of these features lost their usefulness and were then used as storage spaces or garbage dumps. Along José Julián Acosta Street and Dr. Veve Street (formerly Comercio), the artifactual material dates to the 19th century. Both locations have produced large quantities of animal bones that may be useful in establishing the location of the city's butcher shop, as well as other urban amenities, such as places to eat. In addition, sections of the vaulted storm sewer system that cross or flow into Veve and Manzanares Streets, where a hotel and three drug stores lay, have produced 19th century coarse creole pottery.

Areas of low archeological potential

Carro Street, from Luna to Estrella Streets, and Veve Street, from Carro to Ramas Streets, have not yielded much archaeological material; they are, therefore, considered areas of low archaeological potential. Bedrock is close to the surface at this point.

Possibility of pre-Hispanic archaeological findings


From the analysis of the inventory of archaeological resources and the reports consulted, it emerges for the territory of the municipality in San Germán Historic District that only on one (1) instance, specific evidence of indigenous occupation has been found, and this one (1) instance is outside the APE. However, the absence or presence of pre-Hispanic archaeological material within the APE cannot be empirically determined. To carry out an archaeological sensitivity analysis of the APE, it is important to acknowledge that

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San Germán was one of the places relevant to the early Spanish colonization period in Puerto Rico, therefore, a location where material elements that represent interactions between Spaniards and natives in the early period of the conquest and European colonization could be found.

Summary

The artifactual material found in the above-mentioned archaeological surveys in the San German Historic District produced 16th to 17th century materials such as contact material, “transculturation artifacts” and colonial pottery; 18th century material, mainly pottery; and 19th century material such as earthenware, porcelain, bottles, glass, and animal remains (bovine, burgao shells, tortoise). The most recurrent element during the excavations were the colonial pavements of river stones. This finding corroborated the documentary sources that demonstrated that the streets in the center of town and the main square were, at one point, paved with river stones. Also documented were a cobblestone pavement of large slate stones, a rustic road in limestone, two small brick inlets, a compacted brick floor, two branches of the so-called tunnels, which are brick vaulted sewers and two possible stone curbs “sardineles”. Also documented were the branches or small brick vaulted sewers that connected with the tunnel of the Quebrada Manzanares. The oldest pipes were made of vitrified clay. Early street pavements in cobblestones were documented from a depth of 4.7” to 6’11”. In addition, during phase IA, IB, two *sardineles* of river stones were discovered in Carro and Dr. Veve Streets, although in general, these were built in brick, as were the sidewalks. The archaeological artifacts found corresponded mostly to colonial ceramics from the semi-refined earthenware assemblage, including “creamware”, “pearlware” and “whiteware” ring styles, hand-painted floral, shell rim, transfer “ironstone” and “Mulberry Ironstone”. Daily use artifacts such as bone brushes and spoons, majolica, whiteware and porcelain ointment knobs, animal skeletal remains, tiles, bricks, game artifacts such as bone dominoes and ceramic tokens, and metal cutlery were also documented. A peculiar fragment had as decoration a Puerto Rican coat of arms in white ware, elaborated with the transfer technique. The relative chronology of the ceramics in the sample obtained probably fluctuated between the 18th and 20th centuries. Many blown glass bottles made in molds were documented, some of medicine perfume and poisons from the 19th century, a Hiram Cod type soda bottle with an inner glass marble lid circa 1870's and blown glass liquor bottles made in molds from the 18th and 20th centuries.

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Also, in the old movie theater (Teatro Sol) a large amount of material related to entertainment activities and advertising techniques, used during the second half of the 20th century, was found. It can be concluded that the proposed District has excellent possibilities to produce artifactual material related to the four hundred years and more of the city's history.

In the excavations in the historic center of San Germán it was expected that early artifacts associated with the first years of colonization could be documented, but this evidence was minimal; pearlware and whiteware of English origin dominated in practically all levels within the sewers and under the streets, including:

Historic sidewalks

Aqueduct segments from the colonial era


Archaeological material related to the different activities that took place in the square in the colonial era, for example, remains of a sugar mill.

The APE includes sidewalks and/or streets within a traditional urban center, with potential archaeological remains underneath these features, like historic pavements, historic drainage systems and historic lighting systems. Also, during the reconstruction process there's a possibility to find cultural layers associated with demolition and reconstruction due to disasters like fires, earthquakes, hurricanes etc. Is the possibility that the proposed project can expose foundations of old buildings along the street if realignment of facades was performed. The properties/streets that survive to the present are the most recent facade of the town, reminiscences of these properties. However, they give us an idea of the archaeological potential of the Plazas and its surroundings. They are vestiges of previous constructions, and under the floors of the plaza and its surrounding streets the potential for the presence of Spanish colonial archaeological sites is high. It is possible the existence of in situ nineteenth- century Euro-Spanish material remains in the APE.

San German Historic District

The San Germán Historic District encompasses an area of approximately 35.8107 acres. The city's layout presents an uneven grid pattern with streets oriented along the cardinal points. Its modern axis, Calle Luna (PR #102) bisects the east-

west grid. This was the old road that linked the Villa with the town of Sabana Grande and the city of Mayagüez. To the north, other important streets of the urban nucleus run: Santiago Veve (formerly Comercio) and Estrella Streets. Until the mid-19th century, the latter were the main boundaries of the city's organization chart,

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expanding southward once the Manzanares Creek was controlled by the construction of vaulted storm sewers, completed in the 1850's. There is no clear distinction between residential and other areas, although in the past most of the main commercial establishments were lined along Luna, Santiago Veve and Ruiz Belvis streets. San Germán today has two main open spaces, Plaza Francisco Mariano Quiñones or main square (bounded by Carro, José Julián Acosta, Ruiz Belvis and Cruz streets), and the Plazuela de Santo Domingo (bounded by Carro, Santiago Veve, Ramas and Ruiz

Belvis streets). The importance of these sites to the overall appearance of the district and the layout of the city's design cannot be underestimated.

In Latin American cities, plazas fulfilled at least two functions. Squares were focal points for the distribution of urban space, in a coherent and hierarchical whole, where social and political activities were organized. The spaces around the main square were reserved for state buildings and ecclesiastical authorities. Thus, the parish church is located on the western edge of the Plaza Francisco Mariano Quiñones, while the Mayor's Office is located at the opposite end. Thus, the first ordinances of the city reserved the spaces around the plazas for the "well-bred" inhabitants and commerce. As there was no strict delimitation of areas within the heart of the old city, the plurality of functions, and its long period of continuous constitution makes the historic center a mixture of widely differentiated architectural styles ranging from early Spanish Colonial architecture, such as the Porta Coeli Chapel (1606), to Neoclassical, Neo-Gothic, and Queen Anne, among others. Interspersed with these structures, there are structures reflecting Spanish Revival and Art Deco, and structures of more recent construction characterized by a non-descript style.

Sixty percent of the buildings within the San Germán Historic District contribute as resources for inclusion in the NRHP. Approximately 50% of the contributing resources were built between the 1860s and 1920s, a period characterized in Puerto Rico's urban and architectural history as one of intense development and experimentation. Most of them are built with traditional materials, such as masonry, brick and wood, while in the early 20th century there was an increased use of new materials, such as concrete, particularly since the earthquake of 1918 and the severe hurricanes that occurred between 1899 and 1930.

The architectural vocabulary is very broad. The general character of the core has not undergone serious alterations in terms of street layout and the ratio of open public spaces to build area. Although new structures have altered the physiognomy, enough buildings remain to maintain its historic appearance. Finally, as noted above, the visual and spatial sense derived from the urban core remains

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one that presents coherence and architectural value unique to San Germán. In the late 18th and early 19th centuries, the city had two main open spaces. One was the Plaza del Rey, the other was the Plaza Principal which has been known as Plaza Mayor, Plaza Principal, Plaza Vendimia, Plaza Automática, Plaza General Contreras, and today, Plaza Francisco Mariano Quiñones. It seems that before the construction of the Mayor's Office in 1844, the Plaza was much larger and extended as far as the Porta Coeli Chapel, while today, the old Government Building and Carro Street divide this area into two unequal open spaces.


Public open spaces are crucial to the urban character of the San Germán Historic District, as they lend coherence to the urban grid and present the viewer with an unobstructed view of some of the city's most significant buildings. The Plaza served a crucial commercial function for the small retailers of goods gathered there for the Sunday market. Efforts to improve the streetscape that characterized the second half of the 19th century included the leveling of the plaza, repair work on the surrounding streets and sidewalks.

On the other hand, the placement of "chinos de río", pebbles as paving in the plaza was approved in 1851, and gas lighting was installed in 1860. By 1890 the plaza had undergone other alterations, perhaps the most important of which was the transfer of the Sunday


market to the Little Plazuela Santo Domingo, behind City Hall. As a result of the modifications to the city plan, the two main open spaces became three, as the Plazuela Santo Domingo took shape after the construction of Alcaldía y Carro street. This small rectangular plaza was once part of the main square. At the end of the 19th century, it replaced the main square as the city's Sunday market. The Plazuela became the park filled with trees and shrubs that contrasted with the plaza.

Plazas used to be reserved for public gatherings and collective affairs, while places like the Plazuela were dedicated to activities of a more individual nature sitting on benches, strolling, reading or just relaxing. The close relationship between the Catholic Church and the State, which characterized the Spanish period, and symbols of political and ecclesiastical authority dominate one or more sides of the plazas. In the Plazuela Santo Domingo, the outstanding building is the Chapel of the former Dominican Convent, while the Cabildo and the Parish Church face across the main square, and the Hospital de la Concepción and the Casa del Rey were built facing one side of the former Plaza del Rey.

In a sense, the same pattern prevailed during the first decades of the United States government. Thus, public schools replaced some of the symbols of the Spanish

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colonial past in key spaces facing one or more of the city's open areas. In San Germán, the Rafael García Cabrera Public School replaced the old Casa del Rey. In the investigations performed by Adalberto Maurás (2011) for the project "Lajas - San Germán Potable Water Transmission System Expansion", two areas were identified positive for the presence of cultural remains including human remains. If so, it would corroborate the presence of the ancient cemetery in this area.

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HISTORICAL CARTOGRAPHY AND PHOTOGRAPHIC RECORD OF THE APE

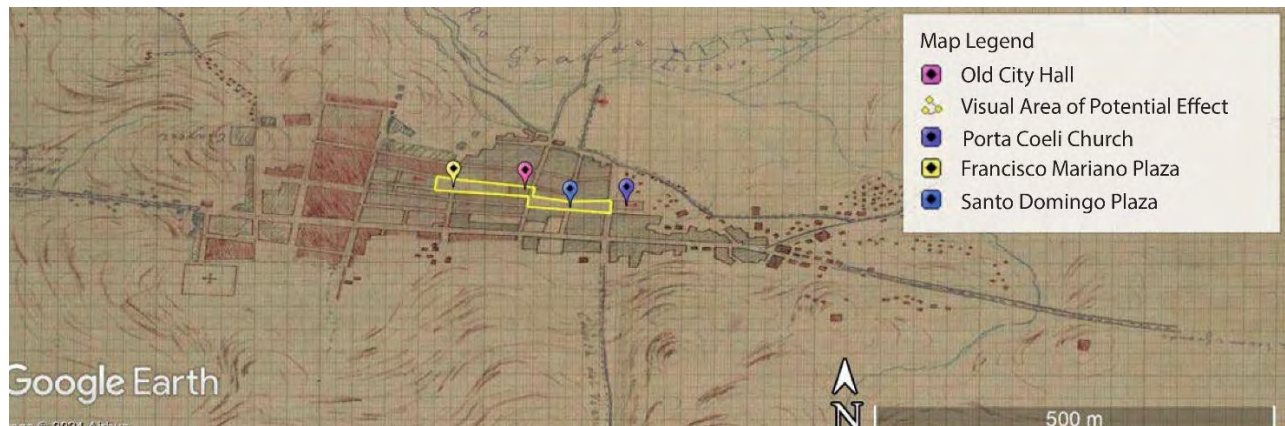


Figure 6. Sketch of the town of San Germán executed by Commander Captain José de Elola y Gutiérrez, 1888, Fondo del Mapa Militar de la Isla de Puerto Rico. Topographic Commission of 1888-1889-1891-1892. Original scale 1:5000.

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Figure 7. The village of San Germán, as drawn by French naturalist Auguste Plée, ca. 1821. At left, the church of San Germán de Auxerre and the open space that would become Plaza Mariano Quiñones. At the right, Porta Coeli Convent; Plaza Santo Domingo seems “edited” by the artist. In 1821, the San Germán square was a large esplanade of land bordered on the west side by the San Germán de Auxerre Parish Church and on the east by the Porta Coeli Convent. Between 1848-53 this large square was divided in two by Carro Street, which runs from north to south behind the Old City Hall. This is how the Plazuela de Santo Domingo came into being. On March 11, 1853, Martin Albertucci presented to the town council a plan to join the square with Carro Street, but it was not a street for cart traffic but a pedestrian street because it was in the form of stairs. By 1970, given the increase in the flow of vehicles, the stairs were eliminated and the street that leads from Carro Street, on the north side of the Old City Hall, which was baptized as José Julián Acosta, now Padres Agustinos Street.


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Figure 8. “Street View in San German, with Natives in the Foreground, and the Old Dominican Monastery, Nearly 400 Years Old, in the Background”, **photo and caption from “The Story of Beautiful Porto Rico by Pen and Camera”, Charles H. Rector, photographs by Wilbur F. Turner, Laird & Lee, Publishers, Chicago, 1898, page 51.**



Figure 9. “The Plaza of San Germán on Market-Day”” **photo of Plaza Francisco Mariano Quiñones and caption from “A Recent Campaign in Puerto Rico” by Karl Stephen Herrman, Boston, Massachusetts, 1907, page 39, with copyright from 1899. City Hall lies in the background (East).**



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Figure 10. Map of San Germán, 1910. *Manuscriptos de William H. Armstrong*, vol. 10, p. 31. <http://bibliotecadigital.uprrp.edu/cdm/singleitem/collection/william/id/2>. For decades, two distinct spaces - a park and a plaza - were unified into homogenized plazas with paved surfaces. During the late 19th and early 20th centuries, both spaces, initially lit by gas and later by electricity, served as focal points for social gatherings and public events. Santo Domingo and Mariano Quiñones plazas were also places for leisure, landscaped in the style of the English "square" popular in Europe at that time. Streets were paved, further enhancing their urban character. In the heart of Mariano Quiñones Plaza, once adorned by two towering trees, a transformation occurred in the 1960s: the trees were replaced with a brief-lived low fountain. Positioned on a slope like the plaza itself, the fountain had water pooling at its lower end, rendering the upper section dry and preventing the pump from functioning effectively. To safeguard pedestrians from vehicular traffic, low brick walls were subsequently erected near some of the planters



Figure 11. Plaza de Recreo/Plaza de las Viandas, until 1900 known as Plaza General Contreras, when it was renamed to honor Francisco Mariano Quiñones. Market days were held on Sundays. View from west to east, San Germán de Auxerre church in the background. <https://www.circuloderecreo.org/Historia/Foto.htm>

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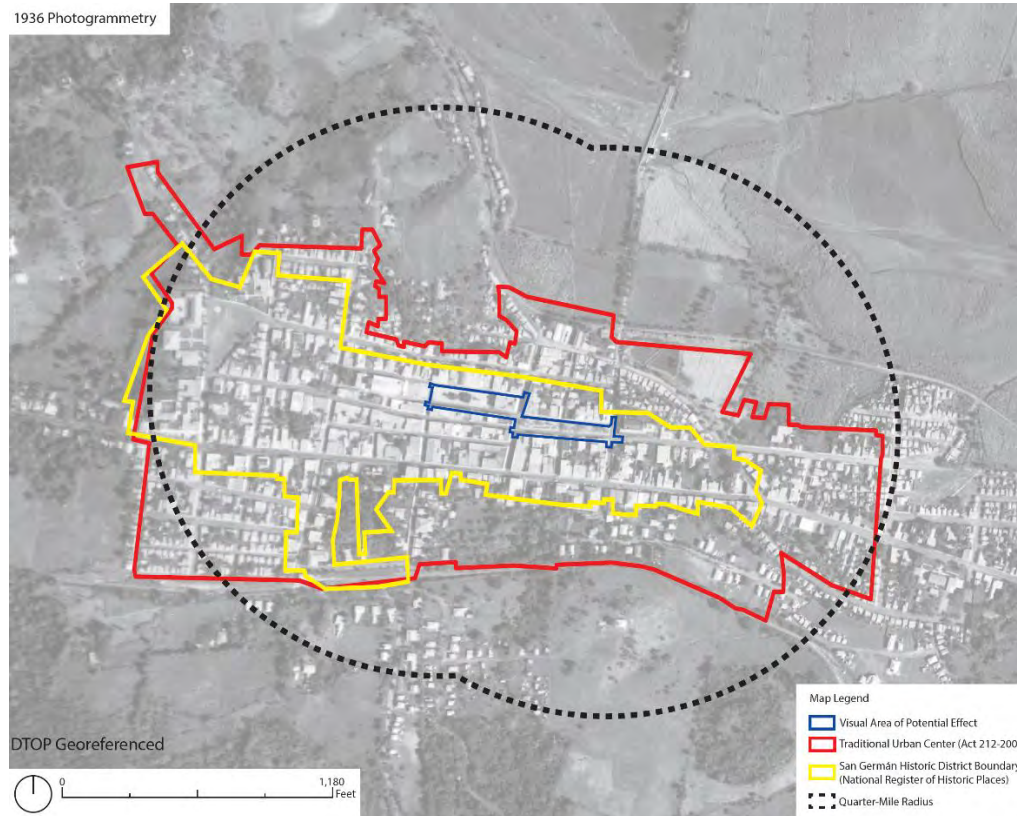


Figure 12. Aerial photo, 1936 Photogrammetry, Puerto Rico Department of Transportation and Public Works (DTOP). Original scale: 1:18,000.



Figure 13. San Germán, Puerto Rico, 1930; photo by Luis Toro. Francisco Mariano Quiñones Plaza, including trees, lampposts, and benches, surrounded by paved roads.


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Figure 14. Plaza de Santo Domingo Postcard, 1930; photo of Luis Toro.
<https://www.gettyimages.com.mx/fotos/san-german-puerto-rico>.

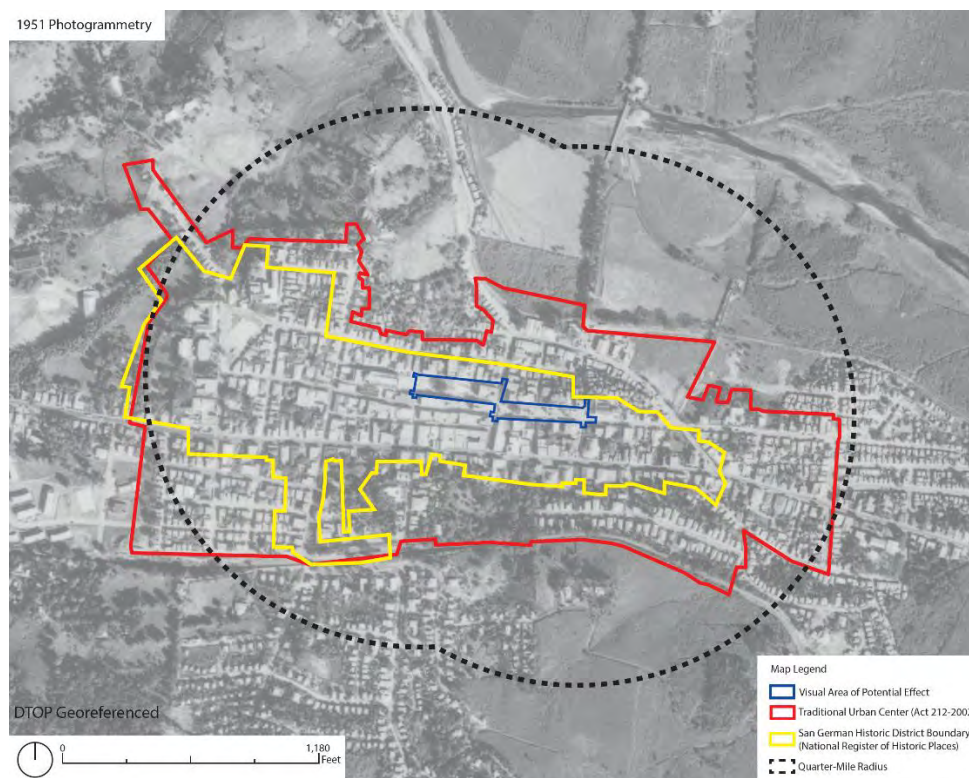



Figure 15. Aerial Photo, 1951. Photogrammetry, Puerto Rico Department of Transportation and Public Works (DTOP).

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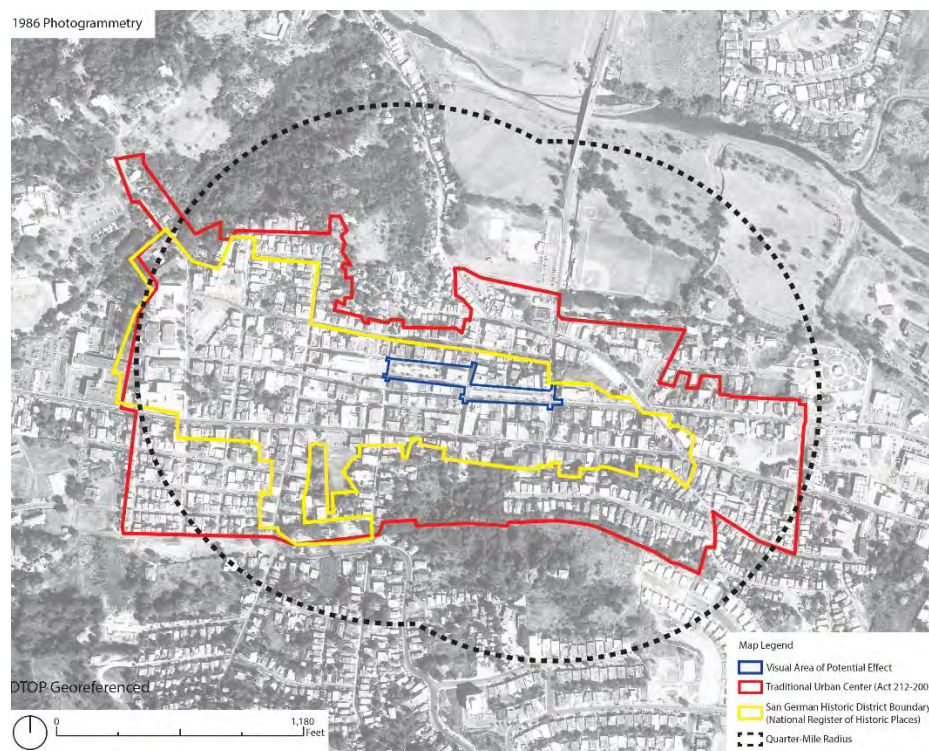


Figure 16. Aerial Photo, 1986. Photogrammetry, Puerto Rico Department of Transportation and Public Works (DTOP).

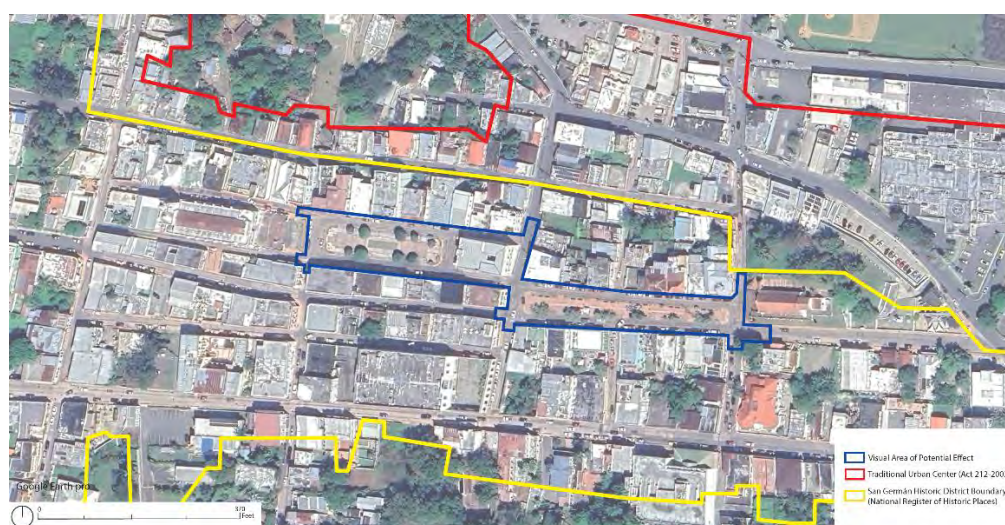



Figure 17. Visual APE over 2023 Aerial Photo.

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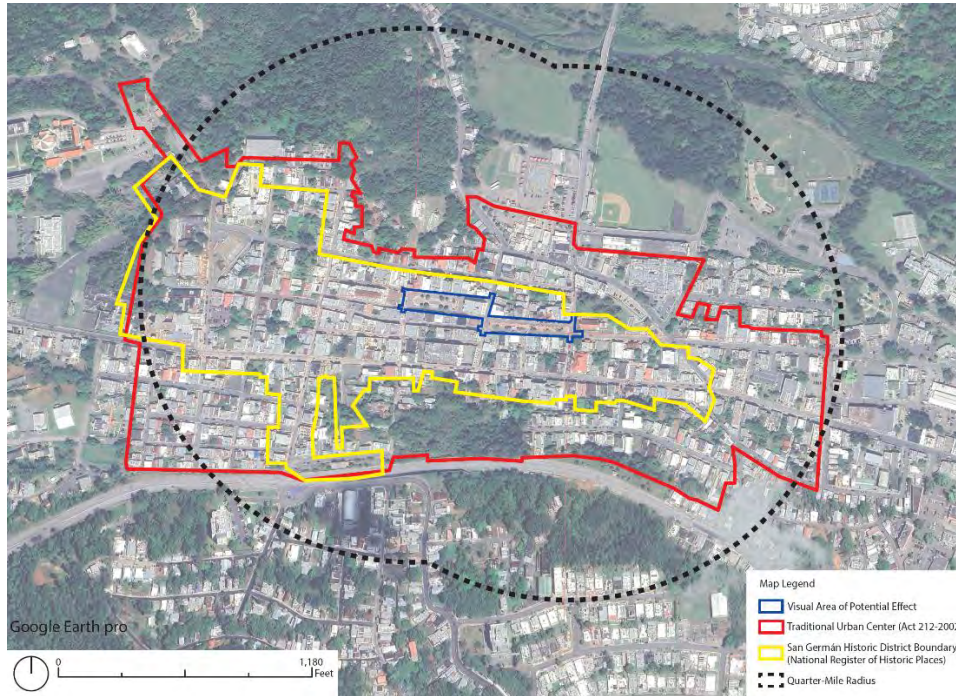


Figure 18. Aerial Photo, 2023, showing APE's quarter-mile radii.

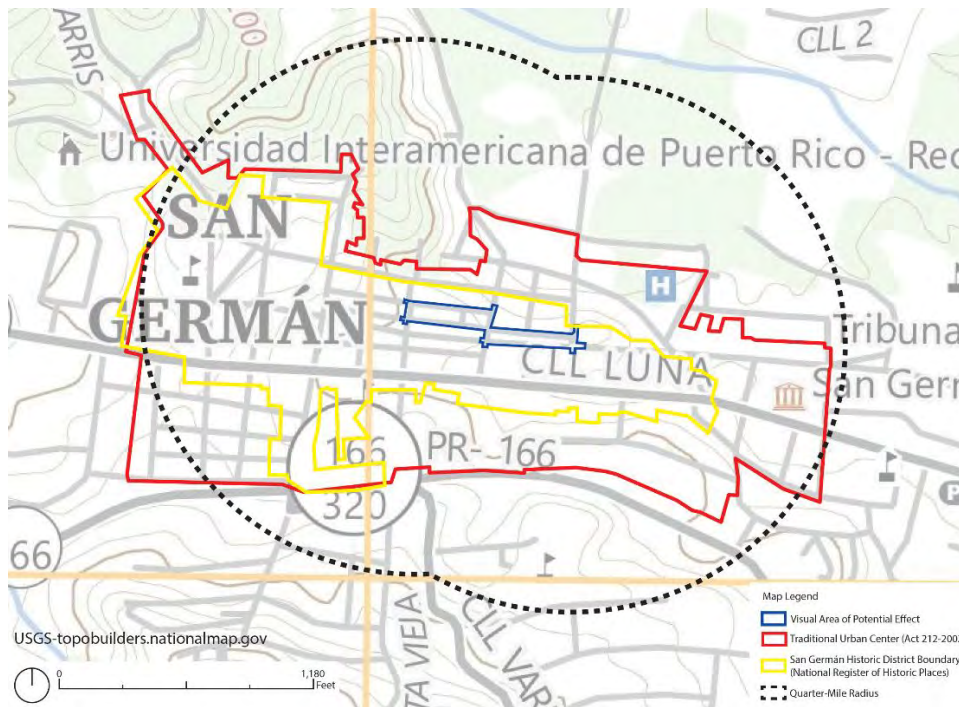



Figure 19. Topographic Map showing APE's quarter-mile radii.

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Identification of Historic Properties – Architecture


Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area project area is within the San Germán Historic District and San Germán's Traditional Urban Center, which is larger than the listed district itself. The district was added to the National Register of Historic Places in 1994 and contains more than 100 significant buildings, including the Church San Germán de Auxerre and the Convento de Porta Coeli.

IDENTIFICATION OF HISTORIC PROPERTIES – ARCHITECTURE

Existing information on previously identified historic properties has been reviewed to determine if they are located within f this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is within the boundaries of the NRHP San Germán Historic District. (See Figures 18 and 19.) Archival research activities were undertaken at the PRSHPO and the IPRC to identify previously recorded architectural resources in the project site. An architectural survey of the project area is currently being undertaken by the Puerto Rico State Historic Preservation Office (PRSHPO) and in 1983, the *Colegio de Arquitectos de Puerto Rico* (CAPR) completed a Survey and Documentation Project for PRSHPO embracing key spaces, buildings and architectural features in San Germán. To currently ascertain the historic context of the Municipality of San Germán and the project's location, several architectural windshield surveys were carried out in 2023 and 2024. In addition, key written references were consulted, as well as some of the archaeological survey reports.

DESCRIPTION OF THE HISTORICAL DEVELOPMENT OF BOTH PLAZAS

The town of San Germán is known as the "*Ciudad Fundadora de Pueblos*" in recognition that multiple municipalities detached from the old San Germán District in the 18th century, when only the San Juan District existed on the Island. Therefore, this settlement is traditionally associated with the initial development of Puerto Rican identity. Simultaneously, the town boasts another nickname: "The City of Hills." This is due to its location on the hills southwest Puerto Rico, a topographic condition that partially dictated the elongated, longitudinal shape of both plazas, situated atop the crests of its hills.

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Santo Domingo Plaza can be considered an atrium for one of Puerto Rico's oldest buildings, the *Porta Coeli* church, founded and managed in early Spanish colonial times by the Order of Preachers. The Dominican friars built a convent adjacent to this temple, but only a fragment of said convents' walls remains. The chapel's elevated location and shape make of it a hierarchical presence in Santo Domingo Plaza's. Between one plaza and another, the building that was once the city's town hall stands.

To the west of Mariano Quiñones Plaza rises the church dedicated to the town's patron saint, San Germán de Auxerre. Also built on a set of steps like *Porta Coeli* - but in contrast to its austere facade - the Church of San Germán boasts a facade consonant with Renaissance canons, displaying classical vocabulary and details in a composition that evokes the triumphal arches and temples of Imperial Rome.

In its early days – and for many years – streets around both plazas were finished in compacted earth and surrounded by dwellings of the settlement's affluent "vecinos". This is attested by historian Aida R. Caro de Delgado in her book *La Villa de San Germán: Its Rights and Privileges During the 16th, 17th, and 18th Centuries* (ICP, 1962). It was common for residents - dedicated to the cultivation of sugarcane and primarily coffee – to dry the beans of this stimulant in the open air in these plazas.

As Puerto Rican colonial society became more sophisticated, interest in "*ornato público*" as a mirror of progress promoted the beautification of the town's most important spaces. By the end of the 19th century, Mariano Quiñones Plaza was paved and provided with characteristic urban furniture of the period, including a gazebo. In contrast, its counterpart was then a green, tree-filled space known as Santo Domingo Park.

Even today, many San Germán residents still refer to this plaza as "*el parque*," even though in the 1960s, Ricardo Alegría, then director of the Puerto Rican Culture Institute, chose to cut down its trees and pave it with brick to endow it with a more Spanish-colonial flavor, the character that (despite some changes) it has retained to this day. See Figure 15. The drawing suggests that for this phase, Alfonso XII street, which previously divided the park into two areas, was paved over. Alegría's project granted continuity to the space.

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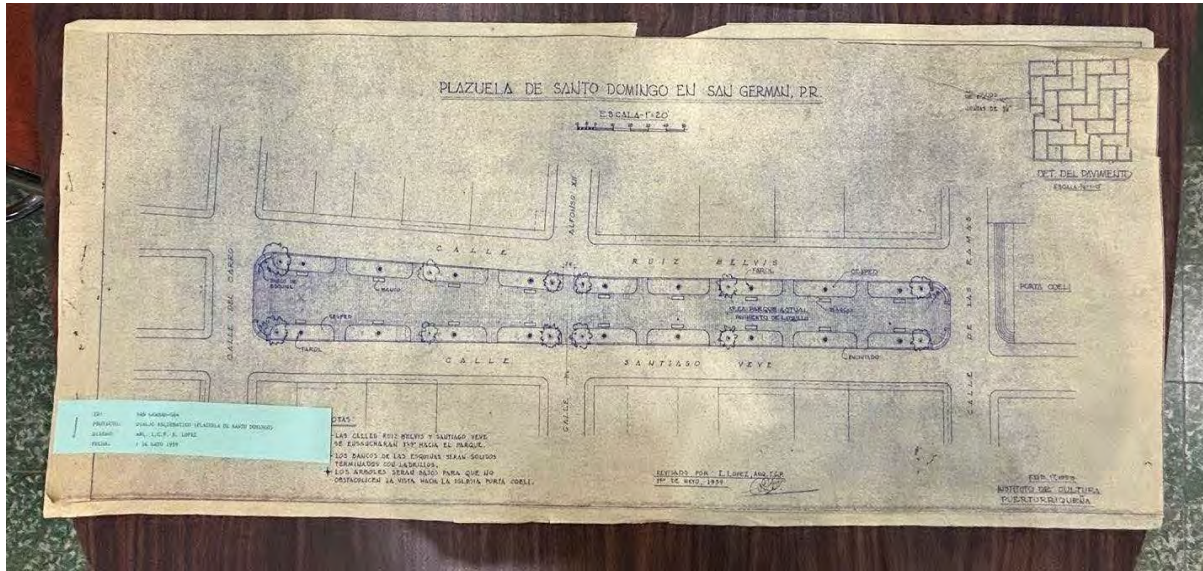



Figure 20. Schematic Drawing of Santo Domingo Plaza designed by architect Eladio López Tirado in cyanotype (blueprint) dated May 1, 1959).

The spaces were landscaped, influenced by the English "square" popular in European landscaping at the time. By this time, the streets were paved. In the center of Mariano Quiñones Plaza, two immense trees once grew, but were cut down in the 1960's and replaced by a low fountain that was in operation only a short time. It was located on a slope (like the plaza itself), causing water to accumulate at the lower section, remaining dry at the upper section, without allowing the pump to operate. Citing the need to protect pedestrians from cars, low brick perimeter walls were built next to some planters. These remain. See Figure 16. Plans here quoted are filed in the Western Regional Headquarters of the Puerto Rican Institute of Culture. There are also, undated - from the second half of the 20th century - plans by Architect Miguel A. Carlo for various improvements to Francisco Mariano Quiñones Plaza, some of which were not built. See Figure 17.

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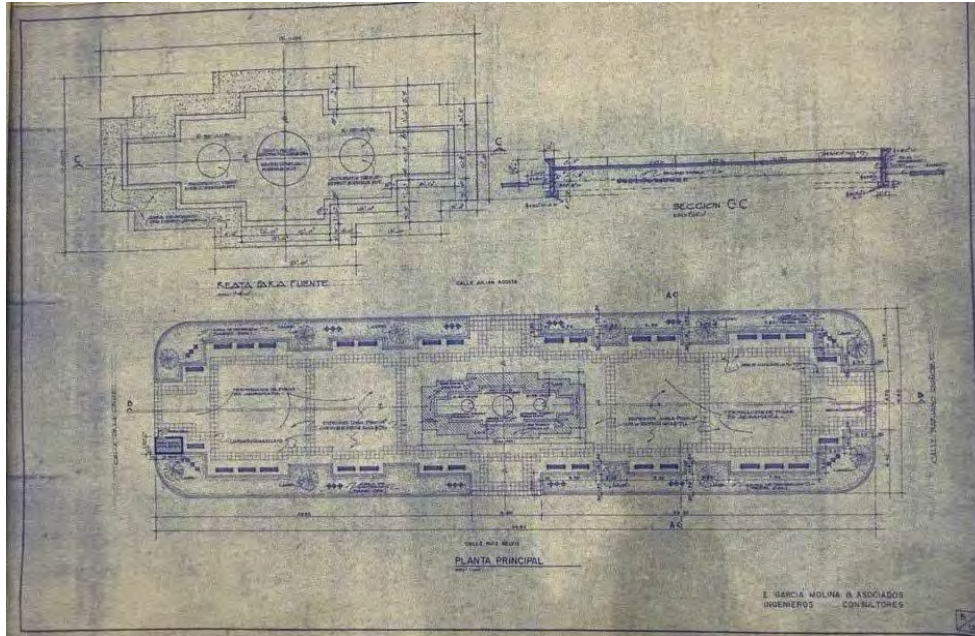


Figure 21. Undated blueprints [cyanotypes] by consulting engineers E. García Molina & Associates illustrating layout for the fountain at center of Francisco Mariano Quiñones Plaza, from the archive at the Western Regional Headquarters of the Puerto Rican Institute of Culture.

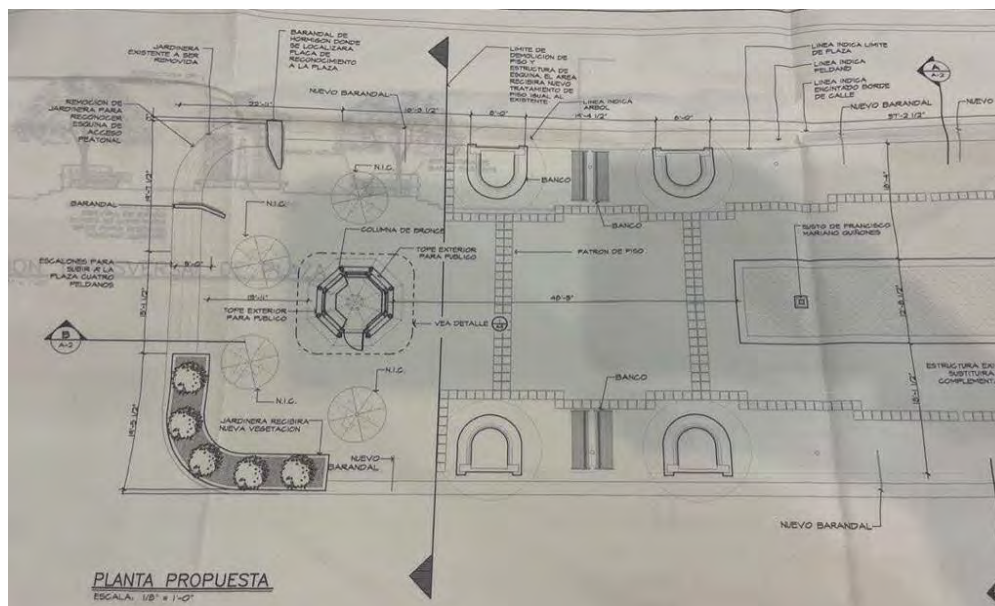



Figure 22. Undated blueprints [cyanotypes] from the second half of the 20th century of plans by Architect Miguel A. Carlo for various improvements to be executed at Francisco Mariano Quiñones Plaza.

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In the 1980s, both plazas underwent changes that remain today, including brick floors and borders, iron and wood benches, and colonial-style streetlamps. This "Underground/Urban Furniture Project" was developed under Mayor Jorge Alberto Ramos Comas, and the design was reviewed by Architect Doris Maza and surveyor Nelson⁴, as evidenced in cyanotypes at the archive of the Puerto Rican Institute of Culture. See Figure 18. By that time, the surrounding streets were finished in concrete and/or asphalted. Parallel to the designation as a historic zone of the sector, the streets were paved to evoke the "ancient/historic", paving using river pebbles ("*chinos de río*") and incorporating brick bands between these as a pattern accent. Mariano Quiñones Plaza was repaved with mortar imitating "*losa canaria*" and volcanic stone. A central grass area and a small sales kiosk were included.

In 1994, the historic district of San Germán was incorporated into the National Register of Historic Places of the United States Department of the Interior, increasingly highlighting the historical/architectural/urban importance of the urban ensemble. At the beginning of the 21st century, as an initiative of the "Dirección de Urbanismo" then operating island-wide, marble plaques with historical/foundational data of San Germán were incorporated into Santo Domingo Plaza. In 2023, the city celebrated its 450th anniversary, and the rehabilitation of both plazas underscores the extended life of the population and its "will to continue being here." The proposed project aims to echo past experiences as well as look forward to the town's future life.


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Figure 23. Two plans from "Proyecto de Soterrado - Amueblamiento Urbano" developed under Mayor Jorge Alberto Ramos Comas, reviewed by Architect Doris Maza and surveyor Nelson Pagán, from cyanotypes at the archive of the Western Regional Headquarters of the Puerto Rican Institute of Culture


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Table 4. Properties listed in the National Register of Historic Places for San Germán.


NOTE: Descriptions are included as they appear on the register's website:

	Name and number	Date listed	Location (all included within the ¼ mile and the visual APE)	Barrio	Description
1	Jaime Acosta y Forés Residence #90000767	May 24, 1990	70 Santiago Veve St.	Pueblo	Vernacular criollo house, 1917.
2	Alcantarilla Pluvial sobre la Quebrada Manzanares #9000552	April 12, 1990	From the junction of Ferrocarril & Esperanza streets to the junction of Javilla & Ensanche streets.*	Pueblo	Brick and rubble storm sewer system built in 1835 spanning subterranean length of Manzanares Creek under San Germán.
3	Casa de los Ponce de León #83002295	March 9, 1983	13 Santiago Veve St.	Pueblo	Possibly the oldest single-family residence in PR, historically owned by the Ponce de León family and Associated with poet and abolitionist Lola Rodríguez de Tió.
4	Church of San Germán de Auxerre #84000461	Dec. 10, 1984	De la Cruz St.	Pueblo	Historic church built in 1688, famous for its well-preserved altar and religious imagery.
5	Convento de Porta Coeli #76002252	Sept. 8, 1976	Plaza Santo Domingo	Pueblo	Historic chapel of the former Santo Domingo de Porta Coeli Dominican Convent from 1609; one of the oldest church buildings in the Western Hemisphere.

* Also locally designated as "Túneles de San Germán, by the Institute of Puerto Rican, registered as of Dec 2022 list (2000-(RO)-19-JP-SH). In addition, San Germán's Historic Zone is listed by the ICP (93-56-0002-JP-ZH).

In addition, **San Germán Historic District** was listed on February 16, 1994, #94000084 and described as follows: "Colonial historic center of the town of San Germán, founded as Nueva Salamanca by Spanish settlers in 1573, making it the second oldest European-established settlement in the island after San Juan. In addition to its contributing properties, it contains more than 100 architecturally and historically significant buildings, many of which date to at least 1606."

In the municipality there are seven (7) properties listed in the NRHP. Properties #2, #6, and #7 are not visible from any of the two plazas to be rehabilitated. Properties #4, and #5, San Germán de Auxerre Church and Porta Coeli (what remains of the former convent), respectively, are the two most important, hierarchical buildings within the proposed project's area. Property #1 is partially visible 400'-0" linear feet away from Porta Coeli, alongside Santiago Veve street.

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Historic properties were documented in 1983 by a Survey and Planning Study carried out in San Germán by the Colegio de Arquitectos de Puerto Rico, under the auspices of the Puerto Rico State Historic Conservation Office. When in 1994 PRSHPO carried out a "Photographic Survey of Historic Properties in Urban Centers in Puerto Rico", San Germán was not included. Throughout time, properties around both plazas have retained their historic character; time has added more value to them as an urban whole. In that sense, now, most properties surrounding the pair of open spaces are contributing components and eligible for inclusion in the National Register of Historic Places.

As such, they embody key considerations of integrity of location, design, setting, materials, workmanship, feeling, and association. These properties can also be associated to an important historic context by meeting at least one of four (4) established criteria for consideration by the National Register of Historic Places, reproduced here verbatim:


Criterion A: Association with events that have made a significant contribution to the broad patterns of our history.

Criterion B: Association with the lives of persons significant in our past.

Criterion C: Properties that embody the characteristics of a type, period, or method of construction; represent the work of a master; possess high artistic values; and represent a significant and distinguishable entity whose components may lack individual distinction

Criterion D: Properties that have yielded, or may be yield, information important about prehistory or history.

The historical, archaeological, and architectural information provided in this document supports the above stated.

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Determination


As mentioned before, the project is situated within an NRHP-Eligible Historic District and is within the NR Eligible Traditional Urban Center, and when considering architectural and archeological elements both individually and together, their importance from historical point of view is undeniable. These plazas are eligible under Criterion A and Criterion C. The Mariano Quiñones and Santo Domingo Public Squares have been the center of commercial and civil activity since the 18th century and is an integral part of the identity and history of the municipality and the region. In archaeological terms, given the past experiences with previous construction projects in traditional urban centers in Puerto Rico, it is known the sensitivity of these areas in terms of archaeological findings. For these reasons, the potential of finding previously unidentified archaeological resources with integrity within the project area is very high; it would be necessary to conduct archaeological monitoring of all ground disturbing activities and excavations occurring within the APE.

The project will have no adverse effect on the built environment and the traditional urban center visually since the proposed design will reflect an architectural language from the 21st century and does not mimic architectural features from eligible and historical properties adjacent to APE. The proposed design will not enhance a false sense of history and historical responsible design strategies have been considered to produce a contribution of the 21st century to the Utuado traditional urban center. The placement of the new construction and features considers historical evolution of the plaza as so not to modify or differ from what has been typical for the APE.

The following historic properties have been identified within the APE:

- Direct Effect: Plaza Santo Domingo and Plaza Francisco Mariano Quiñones. Archaeological resources might also be directly affected, but this will be determined after carrying out the recommended archaeological Supervision & Monitoring to address the inadvertent discovery of cultural materials and human remains, accompanied by desk- based research.
- Indirect Effect: Customary construction quotidian inconveniences for citizens may occur. However, mitigation measures will be implemented. In addition, preparation of a Protection and Preservation Plan for several properties is recommended below.

Based on the results this project's efforts to identify historic properties, the Program has determined that project actions **will not adversely affect the historic properties** that compose the Area of Potential Effect. For this reason, a No Adverse Effect determination is appropriate for this project if the recommendation to carry an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains is followed.

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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): An archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains.
☐ 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:

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MAPS

Figure 24. Visual APE over 2023 Aerial Photo.




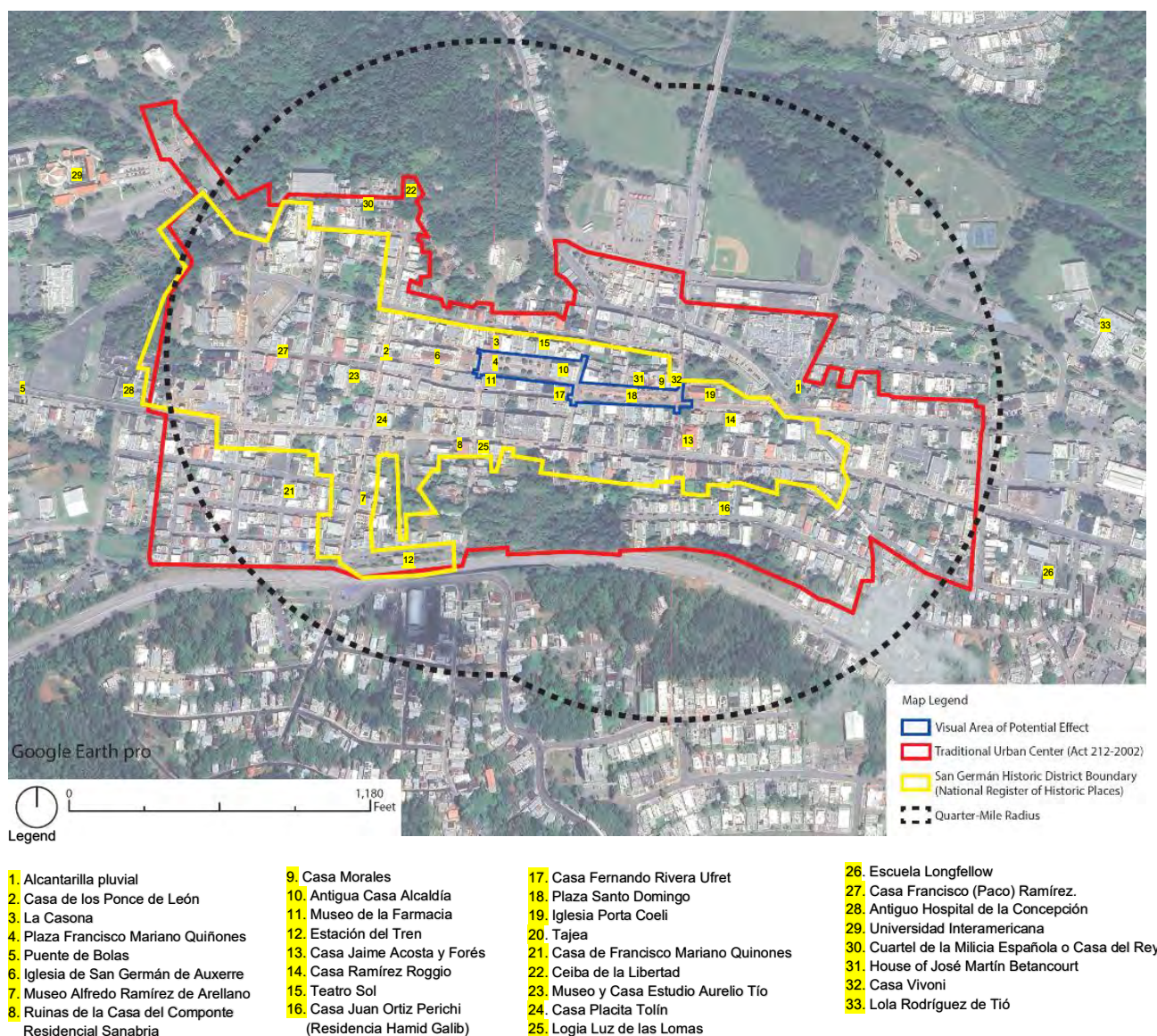
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Figure 25. Aerial Photo, 2023, with Previously Recorded Cultural Resources




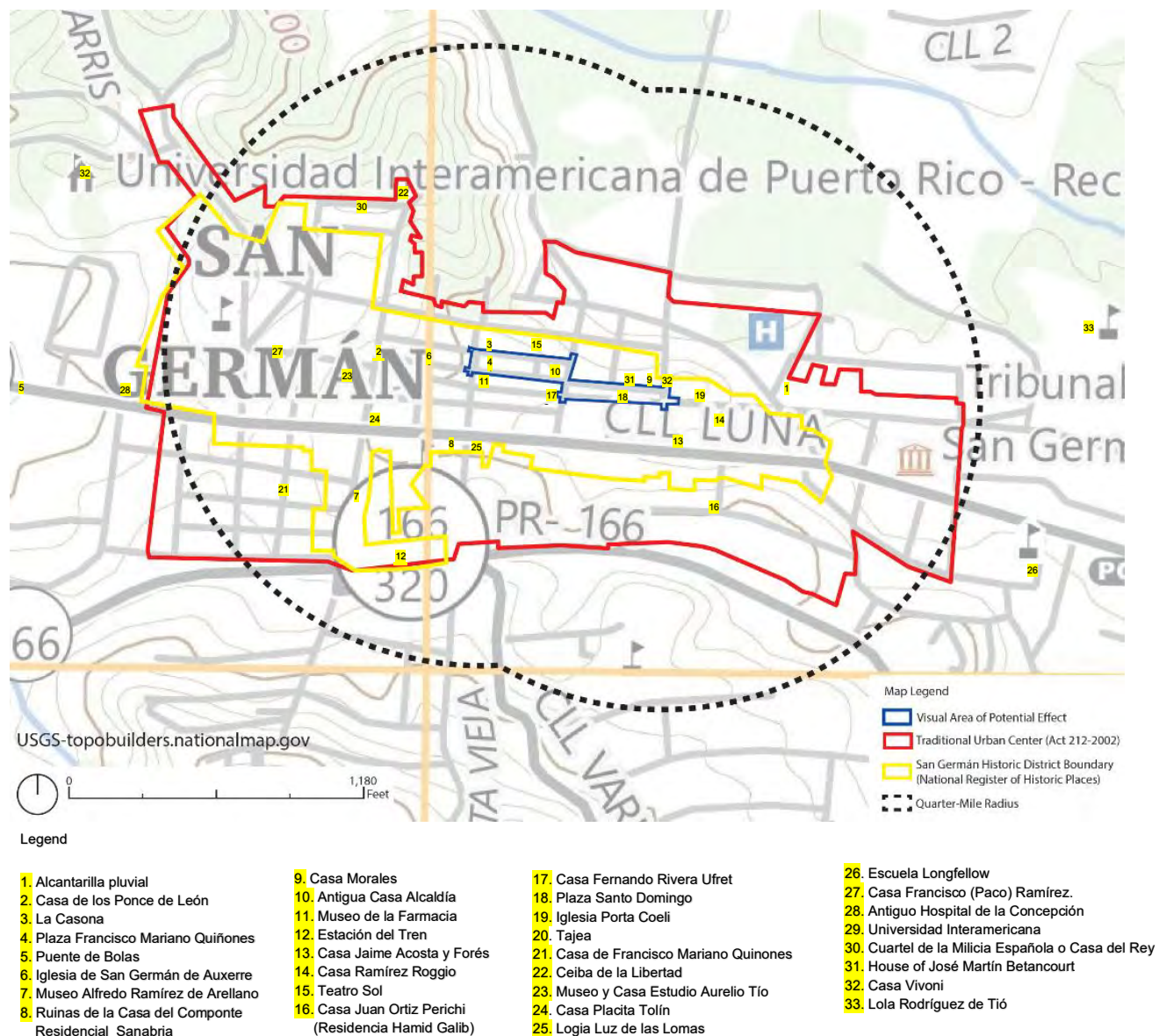
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Figure 26. USGS Topographic Map with Previously Recorded Cultural Resources




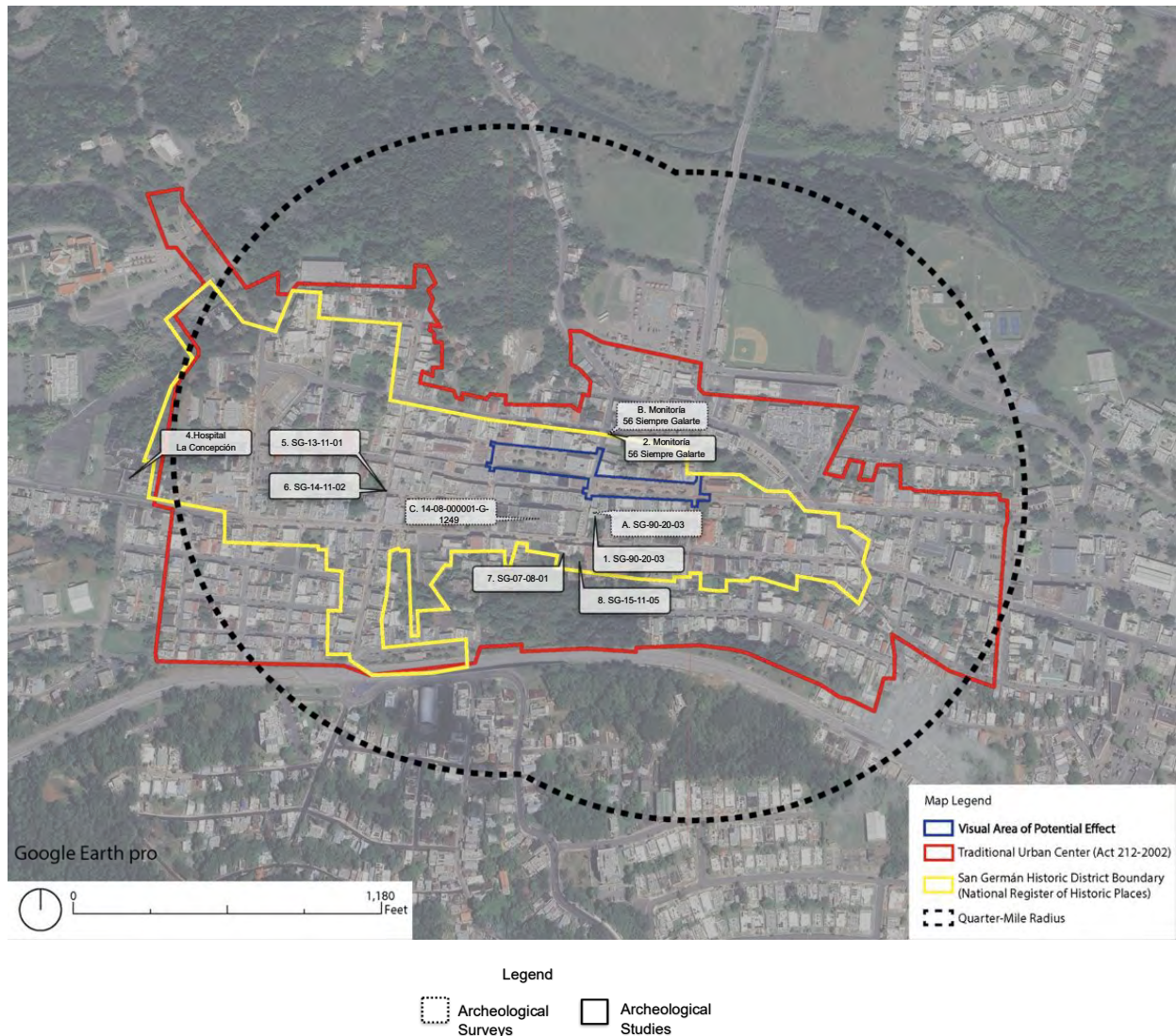
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Figure 27. - Aerial Map with Previous Archaeological Investigations




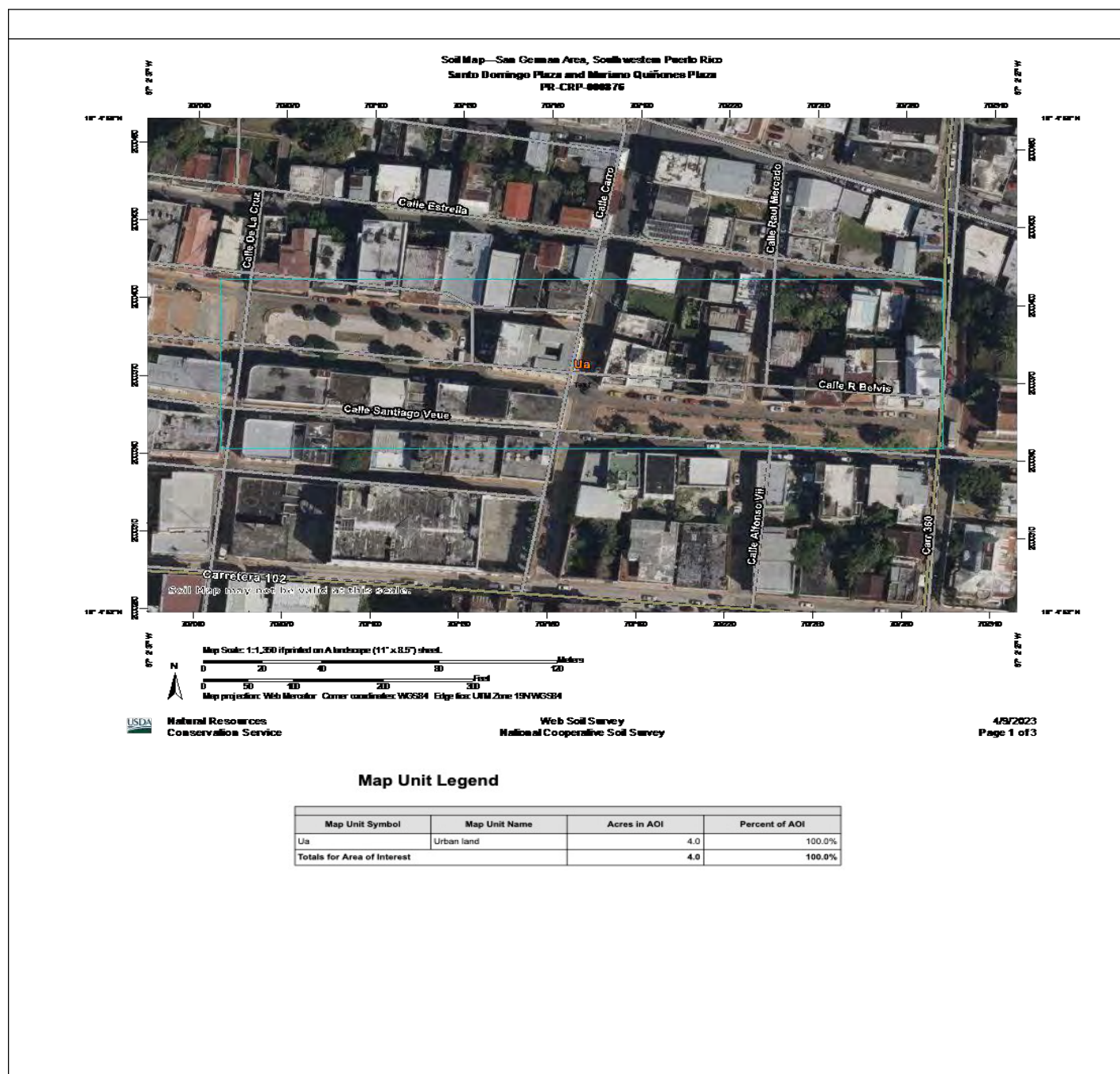
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Figure 28. Web Soil Survey, National Cooperative Soil Survey (National Resources Conservation Service), 2023.



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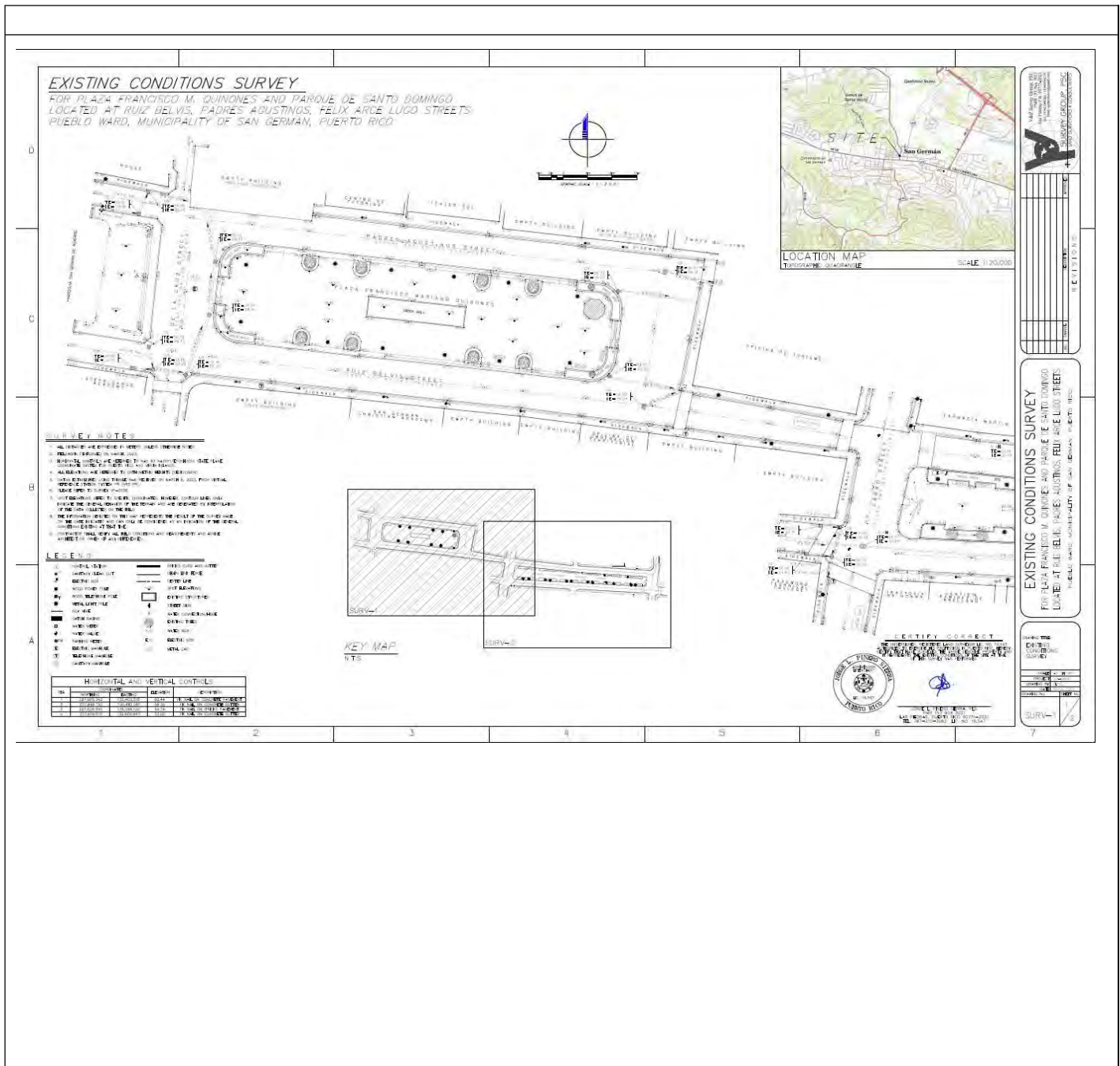


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SCHEMATIC PLANS

Figure 29. Existing Conditions Survey Plan for Plaza Francisco Mariano Quiñones.




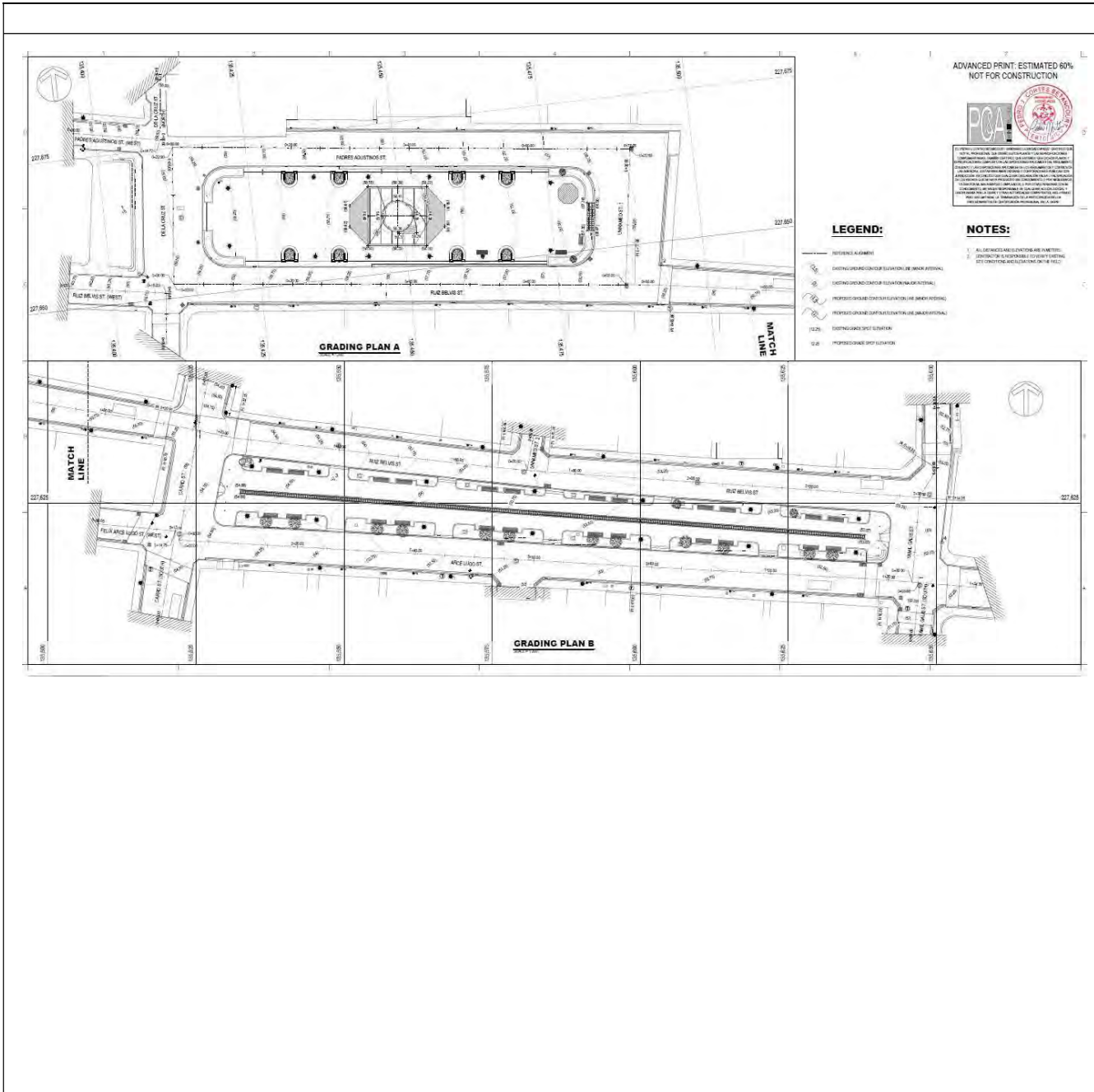
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Figure 31. Grading Plans for Plaza Francisco Mariano Quiñones and Plaza Santo Domingo




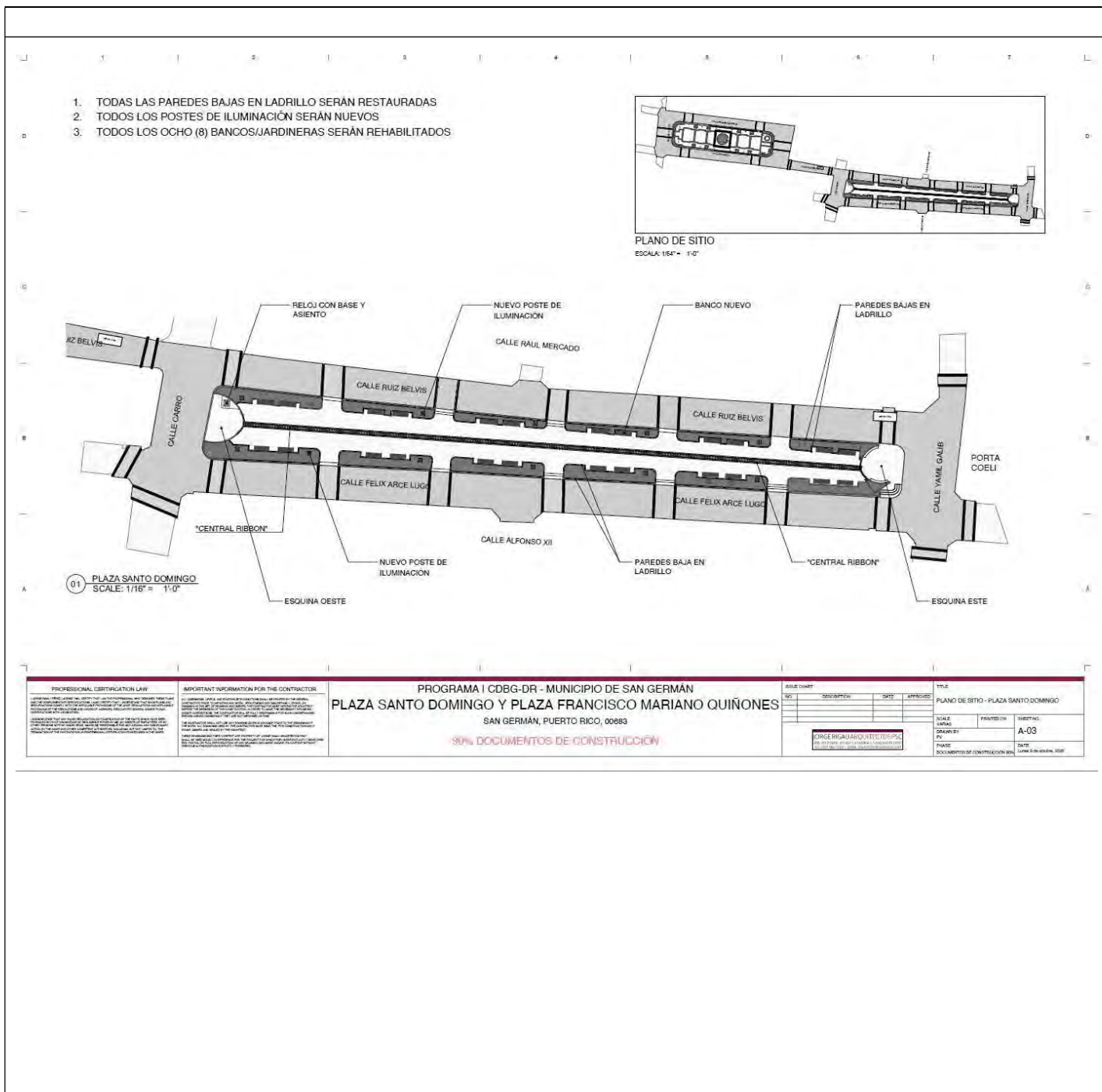
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Figure 32. Site Plan for Plaza Santo Domingo.




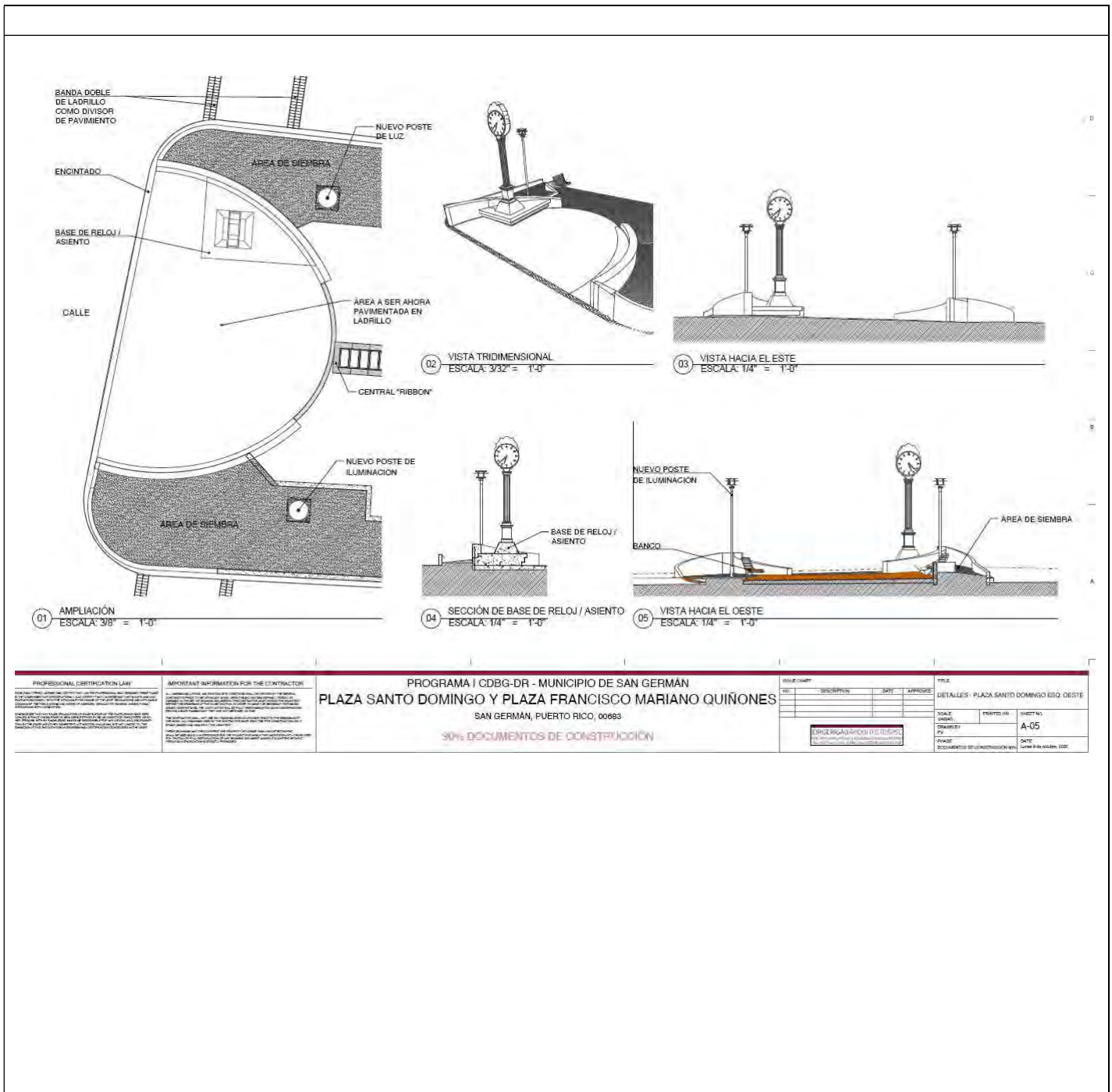
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Figure 33. Plan, sections and elevations West flank of Plaza Santo Domingo




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Figure 34. Plan, sections and elevations East flank of Plaza Santo Domingo.

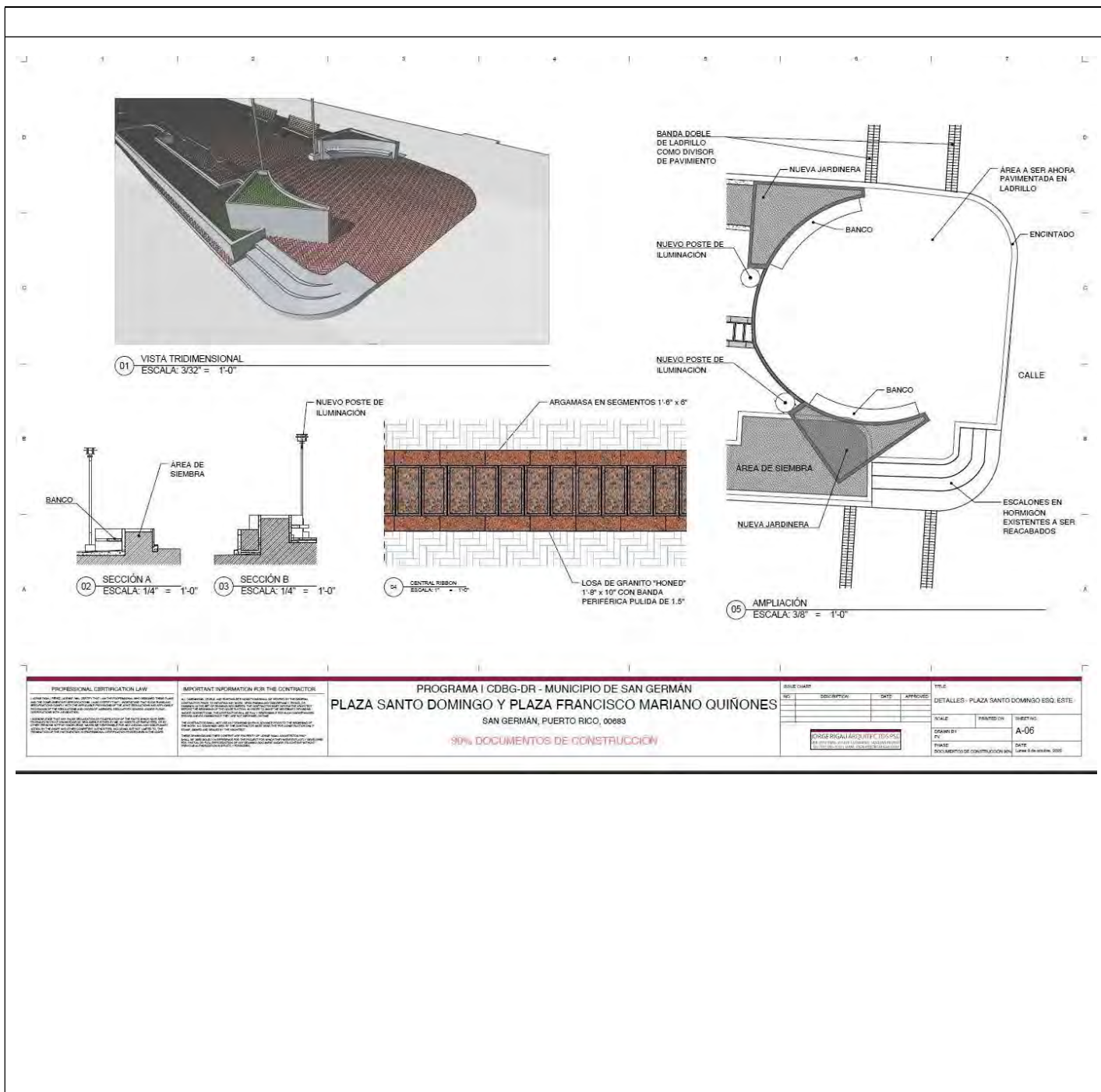




Figure 35. Existing Conditions and Interventions at Plaza Francisco Mariano Quiñones.




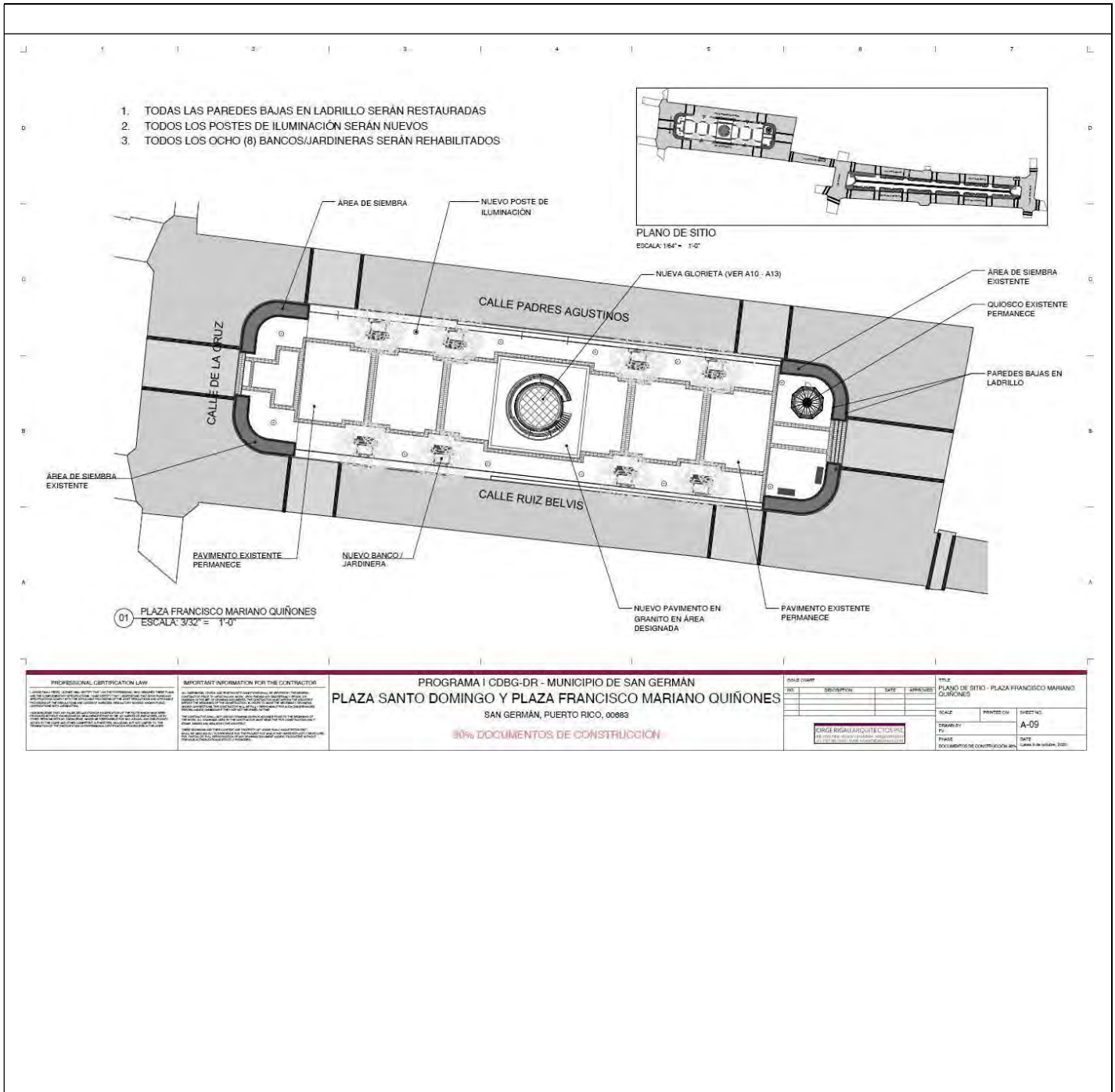
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Figure 36. Site Plan of Plaza Francisco Mariano Quiñones.




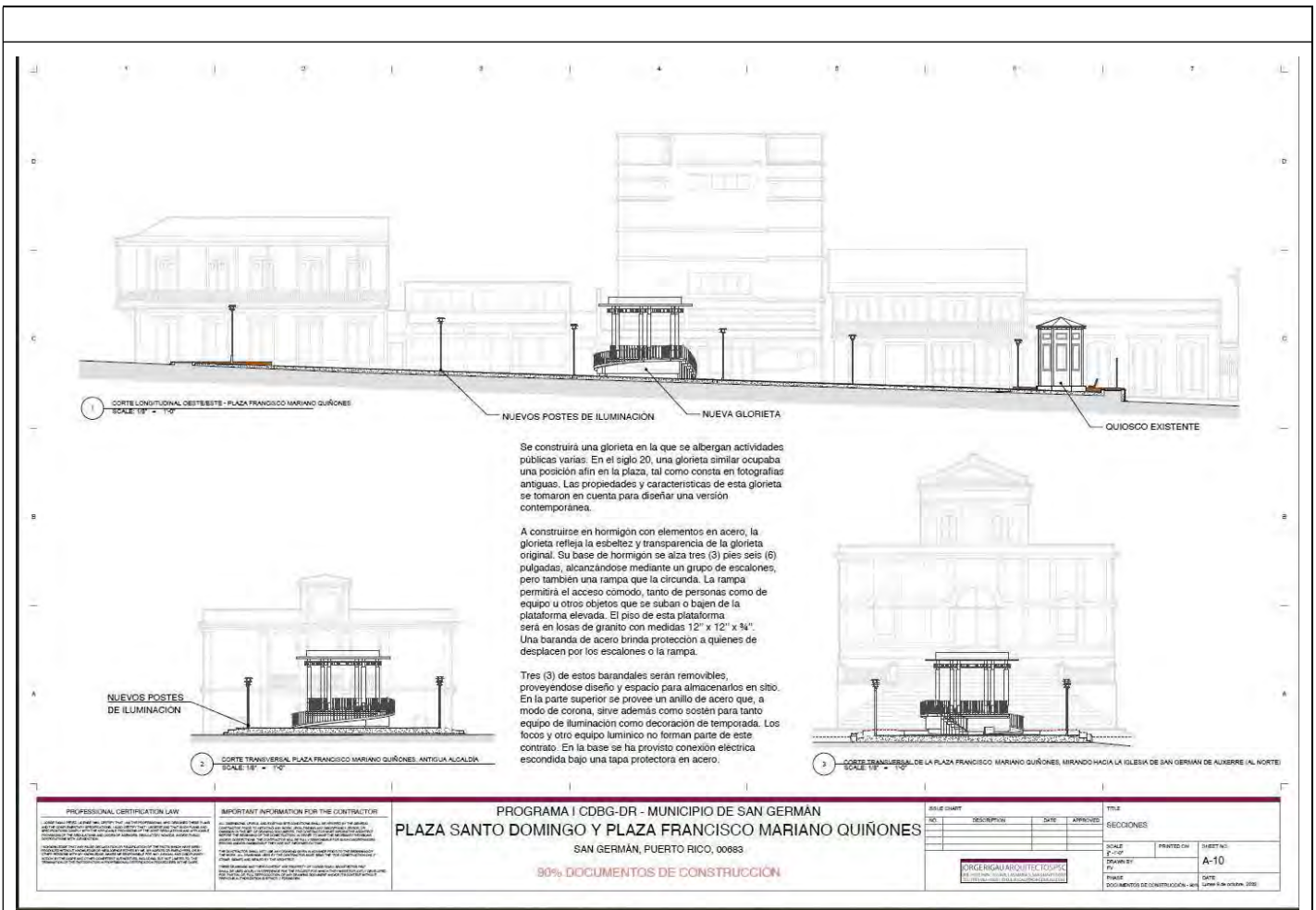
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Figure 37. New Gazebo at Plaza Francisco Mariano Quiñones.







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Figure 38. Properties within the Indirect/Viewshed APE (Plaza Francisco Mariano Quiñones)




Image	Parcel or Lot No./Coordinates	Address	Name (if any)	Approx. Constr. Date	NRHP Status/ NRHP Eligibility
	Lot: 18°4'56' N Lon: 67°2'36''W	#19 Calle José J. Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683.	Casa de las Bahr	1851	Eligible
	Photo #1 USE: Former residence. Empty No historic properties affected.				
	Lat: 18°27'9''N Lon: 67°2'35''W	#21 Calle José J. Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683	Me Latte un Pocillo	XXth century	Non eligible
	Photo #2 USE: COMMERCIAL/Coffee Shop. No historic properties affected.				





PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 <div>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</div>
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

	Lat: 18°4'56''N Lon: 67°2'35''W	#22 Calle José J Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683.	Teatro Sol	1930's	Eligible
	Photo #3 USE: COMMERCIAL/ Theatre No historic properties affected.				
	Lat: 18°4'55''N Lon: 67°2'34''W	#23 Calle José J Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683.		Late 19 th century	Eligible
	Photo #4 USE: Former residence. Empty. No historic properties affected.				
	Lat: 18°4'55''N Lon: 67°2'33''W	#25 Calle José J Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683.	BLACK BELT FITNESS CENTER	19 th century	Eligible
	Photo #5 USE: COMMERCIAL/Sports Gym No historic properties affected.				
	Lat: 18°4'55''N Lon: 67°2'33''W	#26 Calle José J Acosta (Padres Agustinos), San Germán, Puerto Rico, 00683.	Residencia Toro Ufret	Turn of the 20 th Century	Eligible
	Photo #6 USE: RESIDENCE No historic properties affected.				
	Lat: 18°4'56''N Lon: 67°2'36''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Oficina de Arte y cultura	1930's	Non eligible
	Photo #7 USE: COMMERCIAL No historic properties affected.				

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

	Lat: 18°4'56''N Lon: 67°2'35''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	San Germán Christian Academy	Turn of the XXth century Remodeled mid- XXth century	Eligible
	Photo #8 USE: COMMERCIAL/ School No historic properties affected.				
	Lat: 18°4'56''N Lon: 67°2'35''W	Calle Ruiz Belvis (44c calle Félix Arce Lugo) San Germán, Puerto Rico, 00683.	El Cubujón	Late XIXth c	Eligible
	Photo #9 USE: COMMERCIAL No historic properties affected.				
	Lat: 18°4'55''N Lon: 67°2'34''W	#14, Calle Ruiz Belvis, San Germán, Puerto Rico, 00683		XIXth century	Eligible
	Photo #10 USE: COMMERCIAL. No historic properties affected.				
	Lat: 18°4'56''N Lon: 67°2'34''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.		1950's	Non eligible
	Photo 11 USE: MUNICIPAL GOVERNMENT OFFICES No historic properties affected.				

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

	Lat: 18°4'56''N Lon: 67°2'36''W	Calle De La Cruz, San Germán, Puerto Rico, 00683.	Iglesia de San Germán de Auxerre	1688	Eligible
	Photo #12 USE: RELIGIOUS No historic properties affected.				
	Lat: 18°4'56''N Lon: 67°2'34''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Antigua Casa Alcaldía	1842	Eligible
	Photo #13 USE: MUNICIPAL GOVERNMENT OFFICES No historic properties affected.				
	Lat: 18°4'55''N Lon: 67°2'34''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Plaza Francisco Mariano Quiñones (Vista al Oeste).	N/A	Eligible
	Photo #14 USE: PUBLIC SPACE No historic properties affected.				
	Lat: 18°4'56''N Lon: 67°2'37''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Plaza Francisco Mariano Quiñones (Vista al Este).	N/A	Eligible
	Photo #15 USE: PUBLIC SPACE No historic properties affected.				







PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

Figure 33. Properties within the Indirect/Viewshed APE (Plaza Santo Domingo)

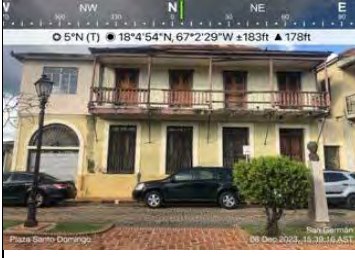



Image	Parcel or Lot No./Coordinates	Address	Name (if any)	Approx. Constr. Date	NRHP Status/ NRHP Eligibility
 <p>Plaza Santo Domingo</p>	Lat: 18°4'55''N Lon: 67°2'32''W	#22 Esquina Calle Carro (Al Este), Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Farmacia Martin	XIXth century	Eligible
	Photo #1 USE: COMMERCIAL / Drugstore No historic properties affected.				
 <p>Plaza Santo Domingo</p>	Lat: 18°4'55''N Lon: 67°2'32''W	#26 Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Farmacia Martin Annex	XIXth century	Eligible
	Photo #2 USE: COMMERCIAL / Drugstore No historic properties affected.				
 <p>Plaza Santo Domingo</p>	Lat: 18°4'55''N Lon: 67°2'31''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Empty lot	N/A	N/A
	Photo #3 USE: EMPTY LOT No historic properties affected.				


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	


	Lat: 18°4'55''N Lon: 67°2'31''W	#12 Esquina Calle Raúl Mercado (al Oeste), Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	1950's	Non eligible
	Photo #4 USE: RESIDENCIAL / COMMERCIAL No historic properties affected.			


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	Lat: 18°4'54''N Lon: 67°2'29''W	Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	XIXth century	Eligible
	Photo #6 USE: COMMERCIAL / RESIDENTIAL No historic properties affected.			

	Lat: 18°4'55''N Lon: 67°2'29''W	#34 Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	Turn of the XXth century	Eligible
	Photo #7 USE: COMMERCIAL / RESIDENTIAL No historic properties affected.			

	Lat: 18°4'54''N Lon: 67°2'29''W	#36 Calle Ruiz Belvis, San Germán, Puerto Rico, 00683.	1950's	Non eligible
	Photo #8 USE: RESIDENTIAL No historic properties affected.			

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

	Lat: 18°4'54''N Lon: 67°2'28''W	#38 Calle Ruiz Belvis, Esquina calle Yamil Galib (al este) San Germán, Puerto Rico, 00683.	Residencia Waldemar Morales	1898	Eligible
	Photo #9 USE: RESIDENCE No historic properties affected.				


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

Figure: Photograph Key




PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #:1

Date: Dec-08-2023

Facing southwest, streetlamp post.



Photo #2

Date: Dec-08-2023

Facing south, pedestrian access to Dr. Santiago Veve Street.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #3
Date: Dec-08-2023

Facing north, pedestrian access to Ruiz Belvis Street.



Photo #4
Date: Dec-08-2023,

Facing north, bust and planter.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 5
 Date: Dec-08-2023, Facing south, bust, tally and planter.



Photo # 6
 Date: Dec-08-2023, Facing south, bust and planter.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 7

Facing south, bust and planter.

Date: Dec-08-2023,

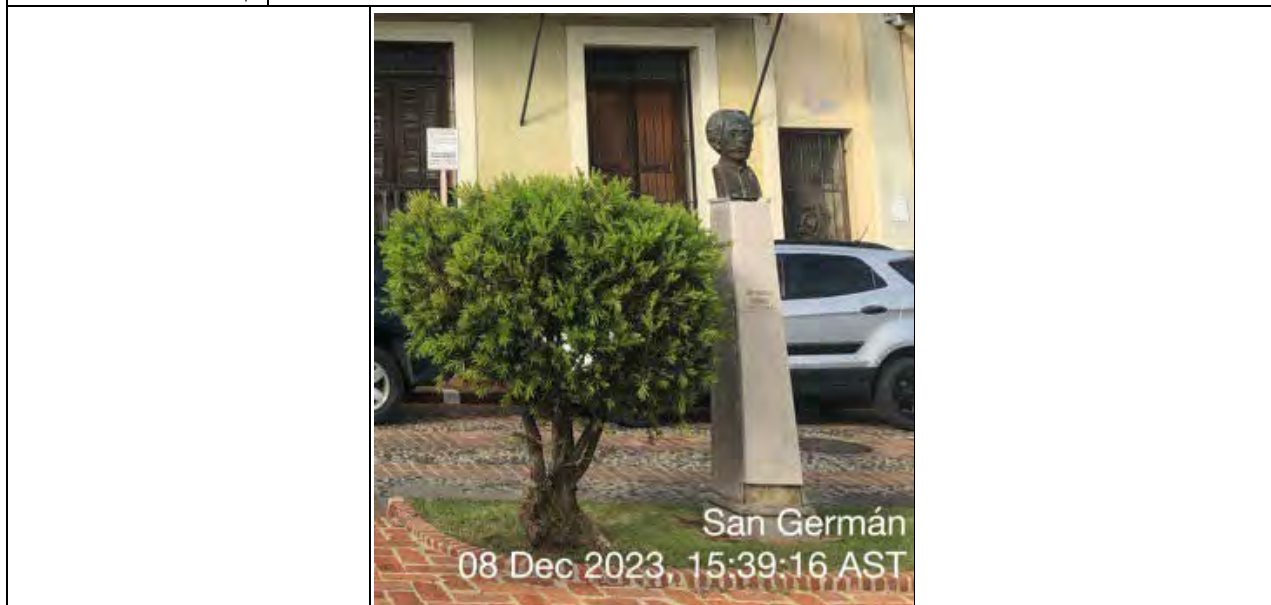


Photo # 8

Facing north, bust, tree and planter.

Date: Dec-08-2023,


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 9

Date: Dec-08-2023,

Facing north, bust and planter.



Photo #10

Date: Dec-08-2023,

Facing north, park bench, planter and brick pavement.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 11	Facing west, disable person ramp and brick pavement to plaza Santo Domingo.
Date: Dec-08-2023,	



Photo #12	Facing east, drainage ditch bordering plaza along Dr. Santiago Veve Street.
Date: Dec-08-2023,	


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 13

Facing east, Ruiz Belvis Street paved in stone and brick.

Date: Dec-08-2023,



Photo # 14

Facing south, tally and planter.

Date: Dec-08-2023,


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 15

Facing southwest, bust, trees, planters and benches along Dr. Santiago Velez Street.

Date: Dec-08-2023,



Photo # 16

Facing east, brick pavement covering plaza Santo Domingo.

Date:



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

Figure: Photograph Key



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

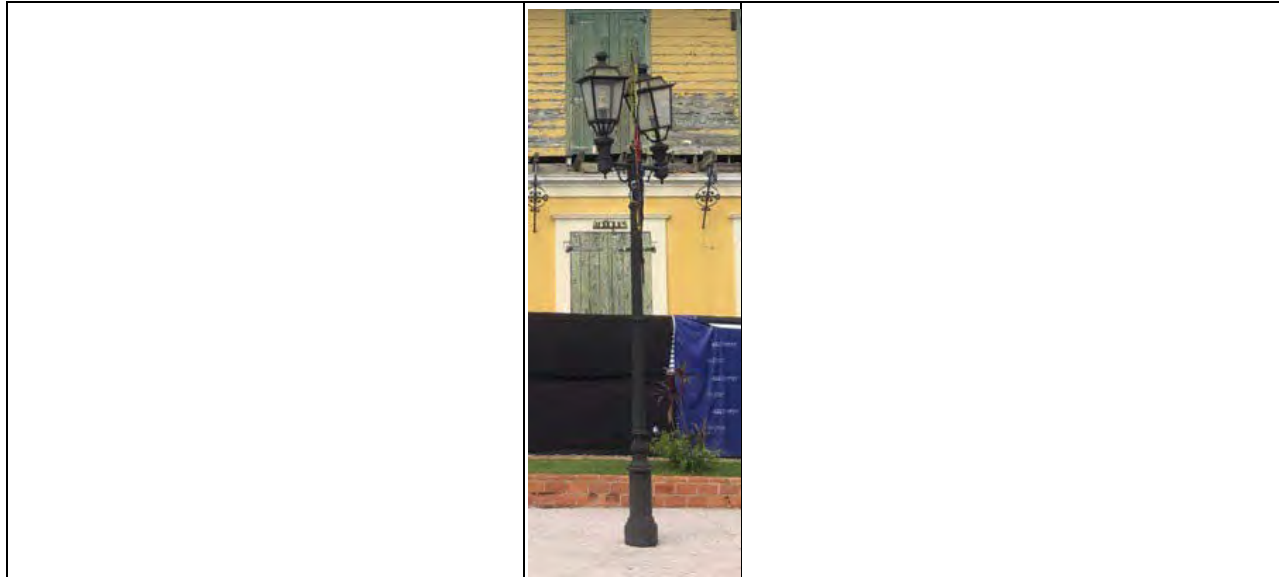


Photo #:1

Date: Dec-08-2023,

Facing north, streetlamp post.



Photo #2

Date: Dec-08-2023,

Facing south, street lamp post and bench.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #:3
 Date: Dec-08-2023, Facing south, streetlamp post and corner planter.



Photo #4
 Date: Dec-08-2023, Facing east, streetlamp post and corner planter.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German		
Case ID: PR-CRP-000876	City: San German	
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano		



Photo #: 5

Facing south, tree and planter with seating bench.

Date: Dec-08-2023,



Photo # 6

Facing north, corner planter.

Date: Dec-08-2023,



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 7	Facing east, pedestrian access to plaza San German and corner planters.
Date: Dec-08-2023,	



Photo # 8	Facing west, staircase pedestrian access to plaza San German.
Date: Dec-08-2023,	

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	

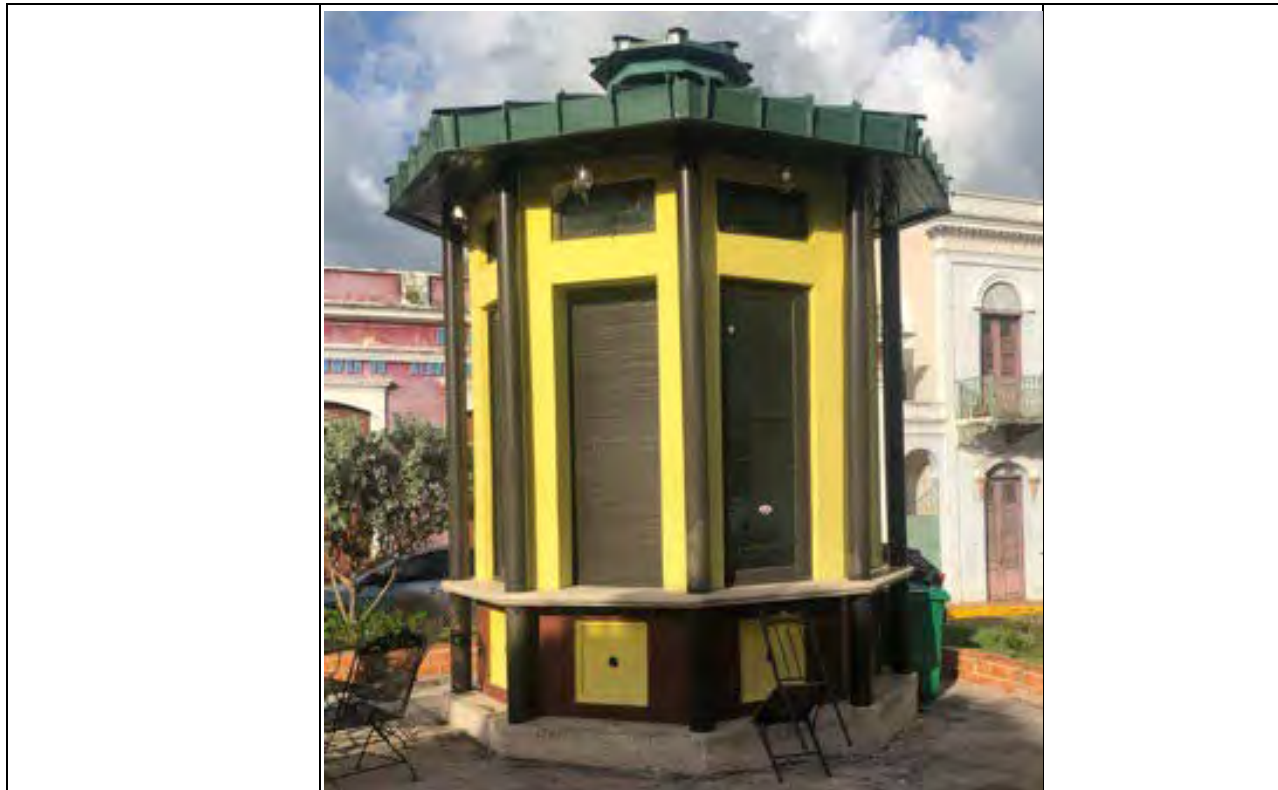


Photo #: 9

Date: Dec-08-2023,

Facing north, business booth.



Photo #10

Date: Dec-08-2023,

Facing west, staircase and handrail along Padres Agustinus Street.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DRPROGRAM INVESTMENT PORTFOLIO FOR GROWTH (IPG) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of San German	
Case ID: PR-CRP-000876	City: San German
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano	



Photo #: 11

Date: Dec-08-2023,

Facing west, stair and drainage ditch along Ruiz Belvis Street.



Photo #12

Date: Dec-08-2023,

Facing east, plaza paved in concrete slab, tile and stone, and planters.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT			GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
PORTFOLIO FOR GROWTH (IPG)			
Section 106 NHPA Effect Determination			
Subrecipient: Municipality of San German			
Case ID: PR-CRP-000876		City: San German	
Project Name: Plaza Santo Domingo and Plaza Francisco Mariano			

	
Photo #: 13 Date: Dec-08-2023,	Facing west, Padres Agustin Street paved in stone and brick, and drainage.

PR-CRP-000876

**Plaza Santo Domingo and Plaza Francisco
Mariano Project**

San Germán, Puerto Rico

90% Design Drawings



CONSULTORES:

AMBIENTAL:
William Sarriera - ACE Environmental Consultants, Inc.

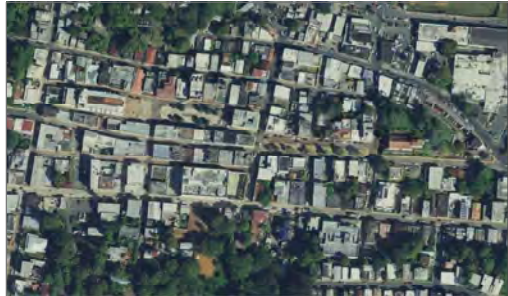
ESTRUCTURAL:
Mónica A. Santos, MECE, PE Guzmán-Santos, Structural Engineers and Consultants

ELÉCTRICO:
Ing. Enrique M. Figueroa PE, CEM, LEED AP

CML:
Pedro Cortes - PC&A Engineers, PSC

AGRIMENSURA:
Agrim, Jorge L. Pínero Sierra - V&P Survey Group, PSC

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SURV-2	EXISTING CONDITIONS SURVEY
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CG-101	GRAVING PLANS A AND B
CS-201	STREET PROFILES
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A-03	PLANO DE SITIO - PLAZA SANTO DOMINGO
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VISTA DE LA PLAZA FRANCISCO MARIANO QUIÑONES HACIA LA ALCALDÍA



MEMORIAL EXPLICATIVO:

El Municipio de San Germán propone la rehabilitación de los dos espacios públicos más destacados de la ciudad: la Plaza Santo Domingo y la Plaza Francisco Mariano Quiñones. Ambas plazas integran el "espinazo" urbano del pueblo, vinculadas por la calle Ruiz Belvis que comparten. Ambos espacios discurren en dirección este-oeste y alrededor de ellos se adosan varias de las estructuras emblemáticas de "La Ciudad de las Lomas": la Iglesia de San Germán de Auxerre, Porta Coeli, la Alcaldía original de la población y varias residencias notables, entre éstas, la antigua Casa de Waldemar Morales en estilo arquitectónico "Queen Ann", la casa de Ernesto Quiñones y la llamada Casa de las Bahr, hoy en muy mal estado.

Si bien el espacio frente a la iglesia parroquial fue siempre plaza y sede de eventos públicos, su contraparte frente al promontorio en que se ubica Porta Coeli, era originalmente un espacio arbolado; de ahí que hasta el día de hoy algunos se refieran al lugar como "Parque Santo Domingo". En la segunda mitad del siglo 20, remodelaciones varias privaron a la hoy Plaza de Santo Domingo de su paisajismo natural para convertirla en plaza "dura" propia de la Era Colonial Española. De su pasado vegetado hacen eco algunos arbustos.

Ambas plazas son longitudinales y las bordean calles por sus cuatro lados. A la Plaza Mariano Quiñones la rodean las calles Padres Agustinos, Ruiz Belvis, De la Cruz y un tramo de calle sin nombre propio frente a la alcaldía. A la Plaza Santo Domingo la rodean las calles Ruiz Belvis, Félix Arce Lugo, Yamil Galib y Carro. La Plaza Mariano Quiñones abarca 1,185 metros cuadrados; la Plaza de Santo Domingo comprende 1,209 metros cuadrados.

El proyecto aquí propuesto para ambos espacios incluye mejoras dentro de su perímetro y también afuera, mejorando la pavimentación de algunas calles y las intersecciones circundantes. Las áreas de rodaje se repavimentarán en hormigón, eliminando los chinos de río que —a través de los años— han presentado problemas de desprendimiento y accidentes. En las plazas como tal, se proponen reparaciones varias: contenes, muros bajos, pavimentación en ladrillo y argamasa. Los trabajos también incluyen la restitución de losa canaria, Forman parte del alcance de los trabajos, mejoras eléctricas, nuevos postes de iluminación, bancos, mejoras de algunos desagües; también mejoras varias en concreto y empaquetados.

Se incorporan, además: un reloj de pedestal en la Plaza Santo Domingo (sobre una base escultórica) visible desde ambos espacios públicos; también una glorieta que evoca la que en el entresiglo del S.XX existió en la Plaza Mariano Quiñones. La glorieta estará equipada para acoger eventos tanto de día como de noche. En este juego de planos se incluye información técnica sobre el mobiliario urbano seleccionado.

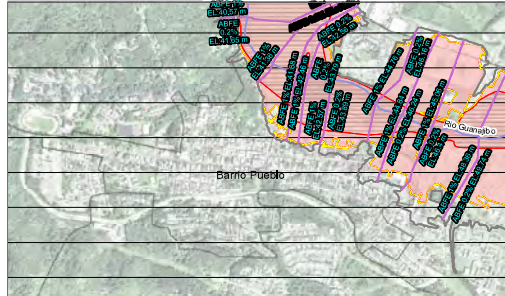


FOTO HISTÓRICA DE LA PLAZA FRANCISCO MARIANO QUIÑONES

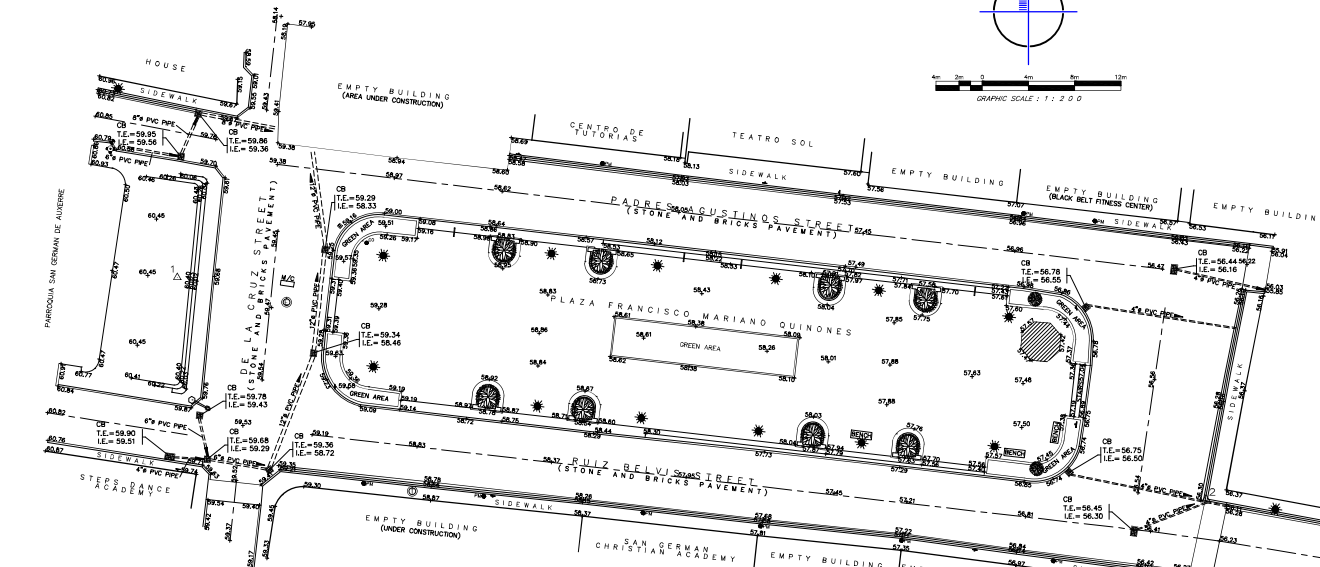


VISTA DE LA PLAZA SANTO DOMINGO HACIA LA IGLESIA PORTA COELI

[illegible]

EXISTING CONDITIONS SURVEY

FOR PLAZA FRANCISCO M. QUINONES AND PARQUE DE SANTO DOMINGO
LOCATED AT RUIZ BELVIS, PADRES AGUSTINOS, FELIX ARCE LUGO STREETS
PUEBLO WARD, MUNICIPALITY OF SAN GERMAN, PUERTO RICO



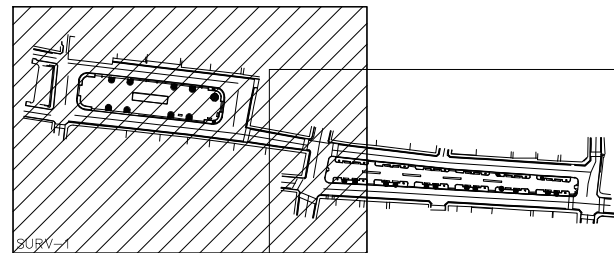
SURVEY NOTES:

1. ALL DISTANCES ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
2. FIELDWORK PERFORMED ON MARCH, 2023.
3. HORIZONTAL CONTROLS ARE REFERRED TO NAD 83 H2011/EP0CH2010 STATE PLANE COORDINATE SYSTEM FOR PUERTO RICO AND VIRGIN ISLANDS.
4. ALL ELEVATIONS ARE REFERRED TO ORTHOMETRIC HEIGHTS (GEOID13BPR).
5. DATUM ESTABLISHED USING TRIMBLE R-4 RECEIVER ON MARCH 8, 2023, FROM VIRTUAL REFERENCE STATION SYSTEM PR (VRS PR).
6. PLEASE REFER TO SURVEY VP-0606.
7. SPOT ELEVATIONS REFER TO SPECIFIC COORDINATES; HOWEVER, CONTOUR LINES ONLY INDICATE THE GENERAL BEHAVIOR OF THE TERRAIN AND ARE GENERATED BY INTERPOLATION OF THE DATA COLLECTED IN THE FIELD.
8. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF THE SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS AN INDICATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.
9. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND MEASUREMENTS AND ADVISE ARCHITECT OR OWNER OF ANY DIFFERENCES.

LEGEND:

- CONTROL STATION
- SANITARY CLEAN OUT
- ELECTRIC BOX
- WOOD POWER POLE
- WOOD TELEPHONE POLE
- METAL LIGHT POLE
- GUY WIRE
- CATCH BASINS
- WATER METER
- WATER VALVE
- PARKING METER
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- BRICKS CURB AND GUTTER
- CHAIN LINK FENCE
- CENTER LINE
- SPOT ELEVATIONS
- EXISTING STRUCTURES
- STREET SIGN
- WATER CONNECTION/HOSE
- EXISTING TREES
- W/B
- E/B
- M/C

HORIZONTAL AND VERTICAL CONTROLS			
STA	COORDINATES	ELEVATION	DESCRIPTION
1	NORTHINGS	EASTINGS	
1	227,665.342	135,403.518	60.44 PK NAIL ON CONCRETE PAVEMENT
2	227,646.150	135,492.591	56.35 PK NAIL ON CONCRETE GUTTER
3	227,628.095	135,548.120	54.34 PK NAIL ON BRICKS PAVEMENT
4	227,618.510	135,650.347	53.02 PK NAIL ON CONCRETE GUTTER



KEY MAP
N.T.S.

SURV-2



LOCATION MAP
TOPOGRAPHIC QUADRANGLE
SCALE 1:20,000



REVISIONS
NO. 1
DATE
BY
FOR

EXISTING CONDITIONS SURVEY
FOR PLAZA FRANCISCO M. QUINONES AND PARQUE DE SANTO DOMINGO
LOCATED AT RUIZ BELVIS, PADRES AGUSTINOS, FELIX ARCE LUGO STREETS
PUEBLO WARD, MUNICIPALITY OF SAN GERMAN, PUERTO RICO

DRAWING TITLE:
EXISTING
CONDITIONS
SURVEY

SCALE: AS SHOWN
PROJECT: VP-0606
DRAWING BY: JPS
DATE: 04-24-2023
DRAWING NO.: SURV-1
SHEET NO.: 2



JORGE L. PINEDO SERRA, PLS
P.O. BOX 153 BOX 2021
LAS PIEDRAS, PUERTO RICO 00771-2021
TEL. 787-210-2062, LIC. NO. 19,547



LINE TABLE				
ID	(M)	BEARING (DEG-MIN-SEC)	FROM	TO
L1	4.834	338-43-30W	Y227654.6201 X13541.1201	Y227658.418 X13544.069
L2	3.5044	303-34-4E	Y227658.418 X13540.990	Y227691.963 X13541.388
L3	4.803	335-45-49E	Y227691.963 X13541.388	Y227694.784 X13544.873
L4	9.0331	338-35-07E	Y227694.784 X13544.873	Y227693.852 X13545.448
L5	4.3847	338-26-40E	Y227693.852 X13545.448	Y227690.296 X13547.257
L6	3.5044	303-34-4E	Y227690.296 X13547.257	Y227694.684 X13546.450
L7	4.3948	348-32-44W	Y227694.684 X13546.450	Y227693.769 X13543.618
L8	3.5044	303-34-4E	Y227693.769 X13543.618	Y227694.8201 X13543.1201
L9	105.742	358-54-2E	Y227694.8201 X13532.492	Y227706.478 X13537.810

LINE TABLE				
ID	(M)	BEARING (DEG-MIN-SEC)	FROM	TO
L1	4.834	338-43-30W	Y227654.6201 X13541.1201	Y227658.418 X13544.069
L2	3.5044	303-34-4E	Y227658.418 X13540.990	Y227691.963 X13541.388
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L4	9.0331	338-35-07E	Y227694.784 X13544.873	Y227693.852 X13545.448
L5	4.3847	338-26-40E	Y227693.852 X13545.448	Y227690.296 X13547.257
L6	3.5044	303-34-4E	Y227690.296 X13547.257	Y227694.684 X13546.450
L7	4.3948	348-32-44W	Y227694.684 X13546.450	Y227693.769 X13543.618
L8	3.5044	303-34-4E	Y227693.769 X13543.618	Y227694.8201 X13543.1201
L9	105.742	355-54-2E	Y227694.8201 X13532.492	Y227708.478 X13537.810



ADVANCED PRINT: ESTIMATED 60%
NOT FOR CONSTRUCTION



PROGRAMA | CDBG-DR – MUNICIPIO DE SAN GERMÁN
PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO QUIÑONES
SAN GERMÁN, PUERTO RICO, 00683

PRELIMINARY DESIGN

ISSUE CHART			
NO.	DESCRIPTION	DATE	APPROVED


JORGE RIGAU ARQUITECTOS PSC
 10001 LINDA PARK, #105, LAS ANIMAS, CHICAGO, ILLINOIS 60627
 TEL: (773) 462-3000 | EMAIL: JRG@JRGARQ.COM

TITLE		
STREET PROFILES		
SCALE AS SHOWN	PRINTED ON	SHEET NO.
DRAWN BY P.J.CORTES		CG201
PHASE DESIGN PRELIMINARY		DATE

PLANO DE SITIO - PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO | PAVIMENTO PROPUESTO

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

Two color calibration charts are shown side-by-side. The left chart is labeled 'Ready Mix Color 413 Clay' and the right chart is labeled 'Ready Mix Color 492 Mauve'. Both charts feature the 'SOLOMON COLORS' logo at the top.

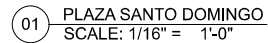


PRUEBA FÍSICA DE LOS COLORES EN EL HORMIGÓN

<div>PROFESSIONAL CERTIFICATION LAW</div> <div>I, JORGE RIGAU, ARCHITECT, HEREBY CERTIFY THAT I HAVE PERSONALLY AND EXHAUSTIVELY REVIEWED THE PLANS AND THE CONSTRUCTION OF THIS PROJECT, AND I CERTIFY THAT I HAVE NOT OBSERVED ANY VIOLATION OF ANY OF THE RULES OR REGULATIONS OF THE PROFESSIONAL BOARD OF ARCHITECTS, NOR HAVE I OBSERVED ANY VIOLATION OF ANY OF THE RULES OR REGULATIONS OF THE PROFESSIONAL BOARD OF ARCHITECTS, NOR HAVE I OBSERVED ANY VIOLATION OF ANY OF THE RULES OR REGULATIONS OF THE PROFESSIONAL BOARD OF ARCHITECTS.</div> <div>I HAVE REVIEWED THE RESULTS AND GOOD OF AGENCIES REGULATORY BOARD AND HAVE NOT OBSERVED ANY VIOLATION OF ANY OF THE RULES OR REGULATIONS OF THE PROFESSIONAL BOARD OF ARCHITECTS.</div> <div>I HAVE REVIEWED THE RESULTS AND GOOD OF AGENCIES REGULATORY BOARD AND HAVE NOT OBSERVED ANY VIOLATION OF ANY OF THE RULES OR REGULATIONS OF THE PROFESSIONAL BOARD OF ARCHITECTS.</div> <div>I HAVE REVIEWED THE RESULTS AND GOOD OF AGENCIES REGULATORY BOARD AND HAVE 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ESCALA: 1/64" = 1'-0"



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DRAWN BY FV		A-03
PHASE DOCUMENTOS DE CONSTRUCCIÓN 90%		DATE Lunes 9 de octubre, 2023



IMAGEN 1, 2 y 3 : Reparar bases de postes a su forma original con ladrillos. Demoler y remover exceso de cemento alrededor.

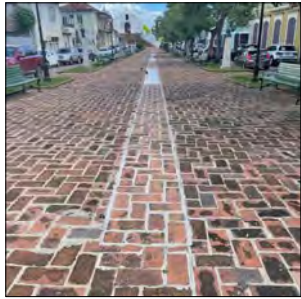


IMAGEN 4: Reparación previa de ladrillo a sustituirse por el nuevo "Central Ribbon" (ver hoja A-06)



IMAGEN 5: Remover postes y cablería existentes; previa coordinación con el Municipio.



IMAGEN 6: Mantener tola de acero en uso.



IMAGEN 7: Remover cemento para restituir áreas de siembra. Tola de acera permanece.

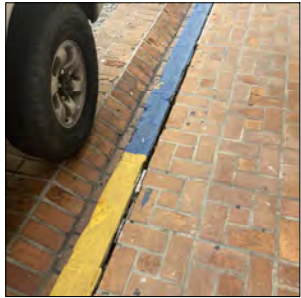


IMAGEN 8: Coordinar con el Municipio la nueva pintura a aplicarse en los contenes.



IMAGEN 9: Limpiar base de mármol y monumento según instrucciones del arquitecto.



IMAGEN 10: Reponer pieza faltante de mármol.



IMAGEN 11: Evitar cortes que afecten los materiales existentes.



IMAGEN 12: Remover rótulos y reubicar según instruya el Municipio.

PLAZA DE SANTO DOMINGO / DETALLES ESPECÍFICOS A ATENDERSE

PROFESSIONAL CERTIFICATION LAW		IMPORTANT INFORMATION FOR THE CONTRACTOR		PROGRAMA CDBG-DR - MUNICIPIO DE SAN GERMÁN		ISSUE CHART		TITLE	
I, JORGE RIGAU, hereby certify that I am the PROFESSIONAL ARCHITECT who has prepared these plans and the accompanying specifications and that I understand the scope of my professional responsibility and the consequences of my actions. I am not providing these plans and specifications for the purpose of circumventing the laws and codes of any state, federal, or local government, nor for the purpose of circumventing the laws and codes of any state, federal, or local government, nor for the purpose of circumventing the laws and codes of any state, federal, or local government.		ALL CONTRACTORS, SUBS, AND OTHERS WHOSE WORK IS COVERED BY THESE PLANS SHALL BE RESPONSIBLE TO THE GENERAL CONTRACTOR FOR THE QUALITY AND COMPLETION OF THEIR WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY AND COMPLETION OF THEIR WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY AND COMPLETION OF THEIR WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY AND COMPLETION OF THEIR WORK.		PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO QUIÑONES		NO. DESCRIPTION DATE APPROVED		INTERVENCIONES	
I acknowledge that any false declaration or falsification of the facts herein may result in the revocation of my professional license and the suspension of my right to practice my profession. I understand that any false declaration or falsification of the facts herein may result in the revocation of my professional license and the suspension of my right to practice my profession. I understand that any false declaration or falsification of the facts herein may result in the revocation of my professional license and the suspension of my right to practice my profession.		THESE DOCUMENTS AND THEIR CONTENT ARE PROPERTY OF "JORGE RIGAU ARCHITECTS PSC". ALL RIGHTS ARE RESERVED FOR THE PROJECT FOR WHICH THEY WERE DEVELOPED. NO PART OF THIS DOCUMENT OR ANY REPRODUCTION OF ANY PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF "JORGE RIGAU ARCHITECTS PSC".		SAN GERMÁN, PUERTO RICO, 00683				SCALE 1:1000 PRINTED ON SHEET NO. A-07	
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FOTO 5



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



FOTO 9.2

Se demolerán las jardineras y bancos circulares en terrazo, todos de construcción cruda y ajena al carácter histórico del lugar. El pavimento alrededor de la glorieta, en mal estado, se sustituirá por losas rectangulares de granito



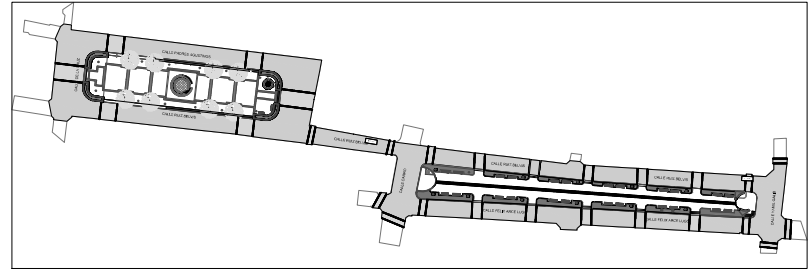
FOTO 10

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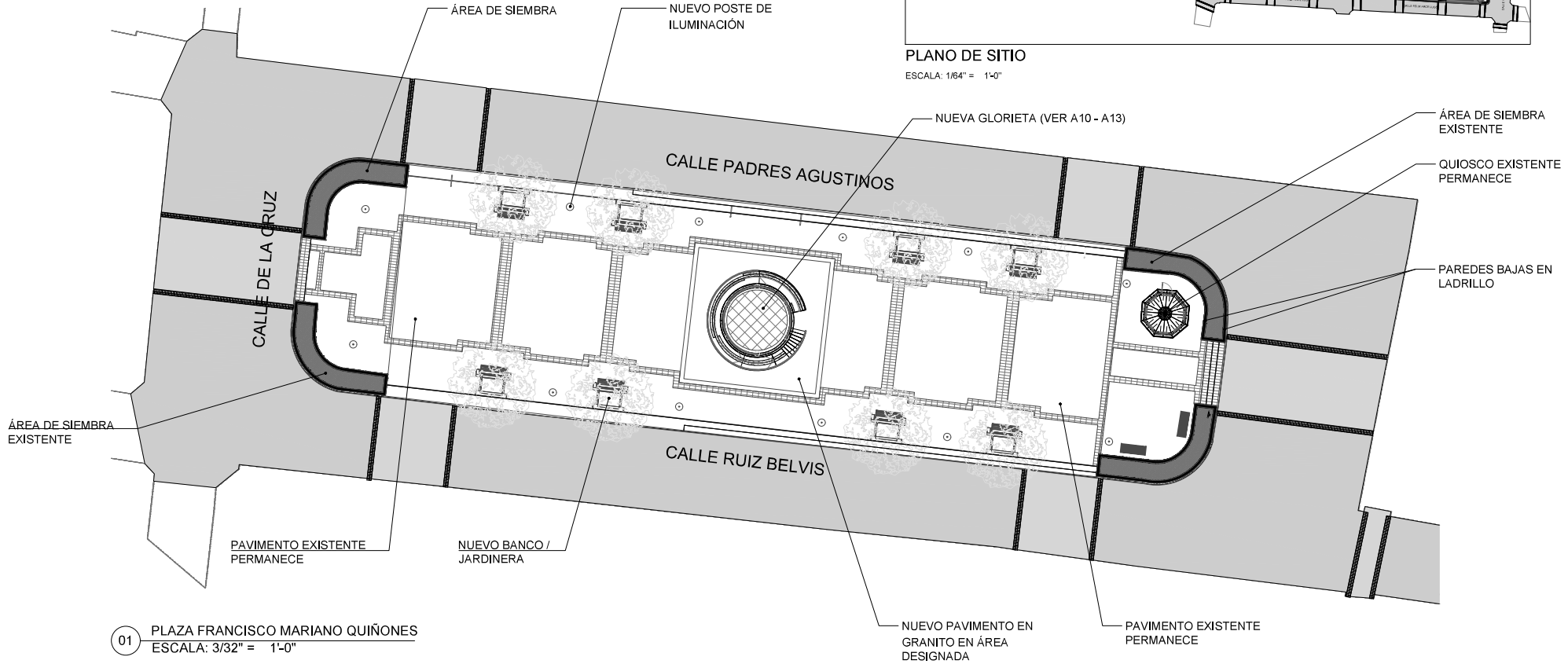
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JORGE RIGAU ARQUITECTOS PSC
1108, HYDE PARK, 355 AVE. LAS MERAS, SAN JUAN PR 00918
TEL: (787) 963-0702 / FAX: (787) 963-0701
WWW.RIGAUARQUITECTOS.COM

1. TODAS LAS PAREDES BAJAS EN LADRILLO SERÁN RESTAURADAS
2. TODOS LOS POSTES DE ILUMINACIÓN SERÁN NUEVOS
3. TODOS LOS OCHO (8) BANCOS/JARDINERAS SERÁN REHABILITADOS



PLANO DE SITIO
ESCALA: 1/64" = 1'-0"



01 PLAZA FRANCISCO MARIANO QUIÑONES
ESCALA: 3/32" = 1'-0"

PROFESSIONAL CERTIFICATION LAW

I, JORGE RIGAU, ARCHITECT, DO NOT CONSENT THAT ANY PROFESSIONAL ARCHITECTURAL DRAWING OR DESIGN BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED AND THAT I AM NOT RESPONSIBLE FOR ANY CONSEQUENCES THAT MAY RESULT FROM THE USE OF SUCH DRAWING OR DESIGN FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED.

IMPORTANT INFORMATION FOR THE CONTRACTOR

ALL DIMENSIONS, LEVELS AND ELEVATIONS ARE GIVEN IN FEET AND INCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS, LEVELS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS, LEVELS AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS, LEVELS AND ELEVATIONS.

PROGRAMA | CDBG-DR - MUNICIPIO DE SAN GERMÁN
PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO QUIÑONES
SAN GERMÁN, PUERTO RICO, 00683

90% DOCUMENTOS DE CONSTRUCCIÓN

ISSUE CHART

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JORGE RIGAU, ARCHITECT, 100 SAN GERMÁN, SAN GERMÁN, PUERTO RICO 00683
TEL: (787) 944-1000 | EMAIL: JORGE@JORGARIGAU.COM

TITLE

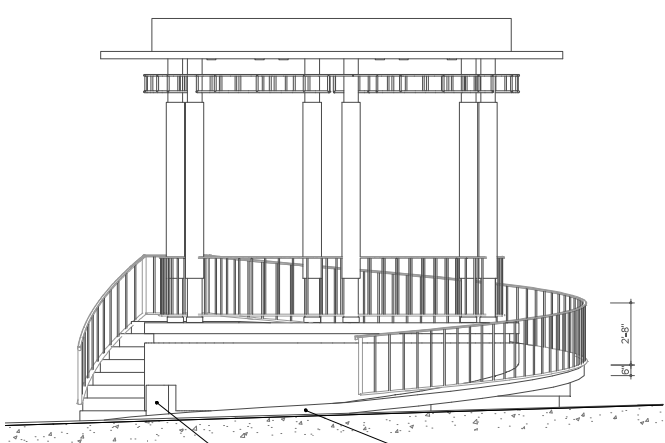
PLANO DE SITIO - PLAZA FRANCISCO MARIANO QUIÑONES

SCALE PRINTED ON SHEET NO.

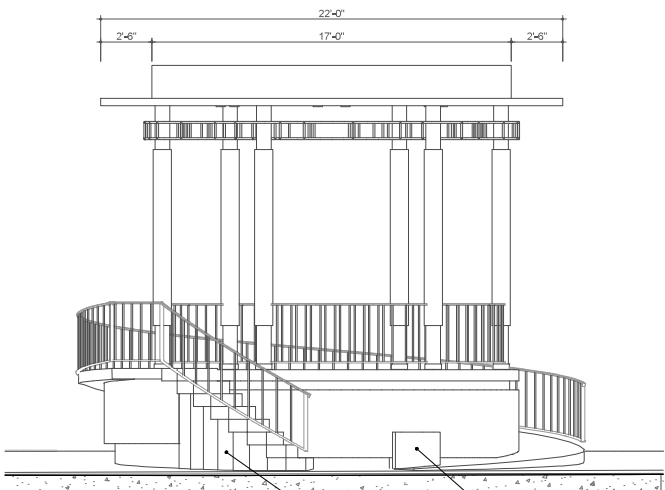
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PHASE DATE

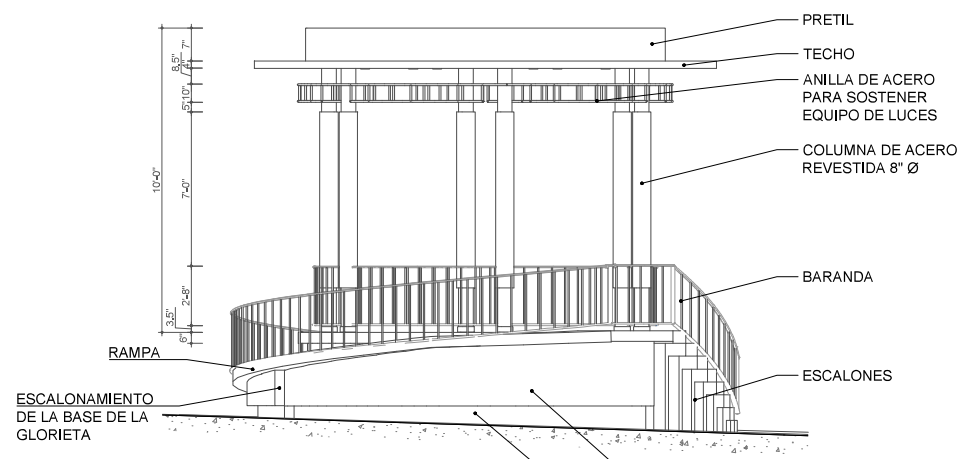
DOCUMENTOS DE CONSTRUCCIÓN 90% Lunes 9 de octubre, 2023



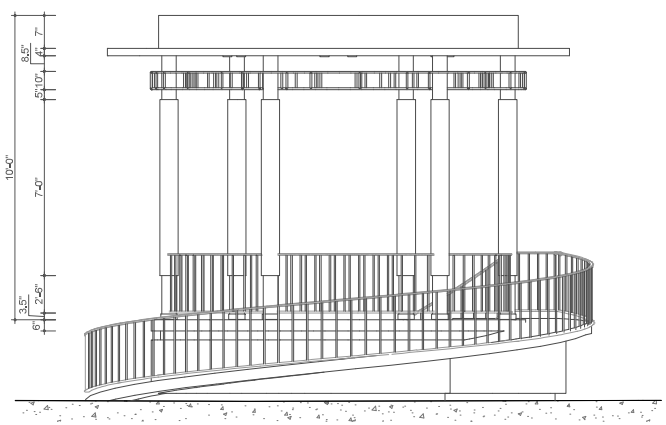
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SCALE: 3/8" = 1'-0"



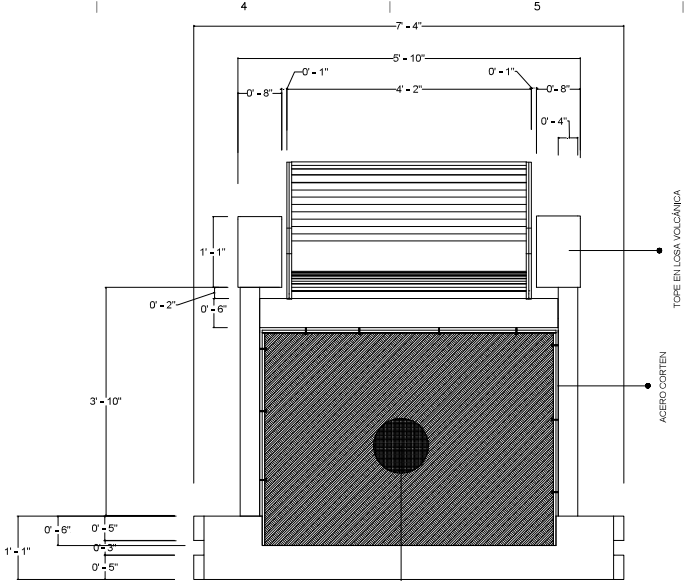
03 ELEVACIÓN ESTE
SCALE: 3/8" = 1'-0"



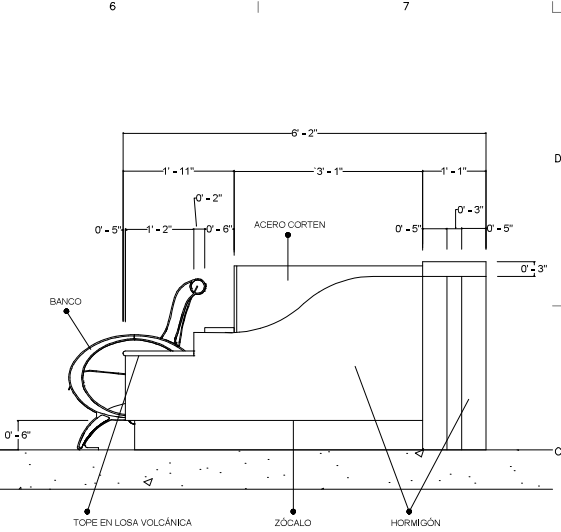
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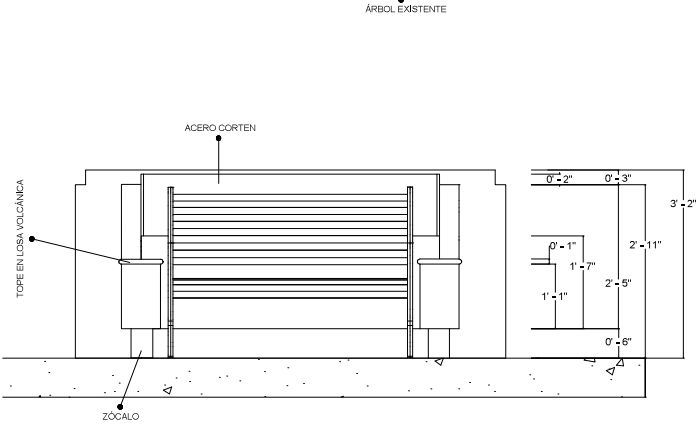
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SCALE: 3/8" = 1'-0"



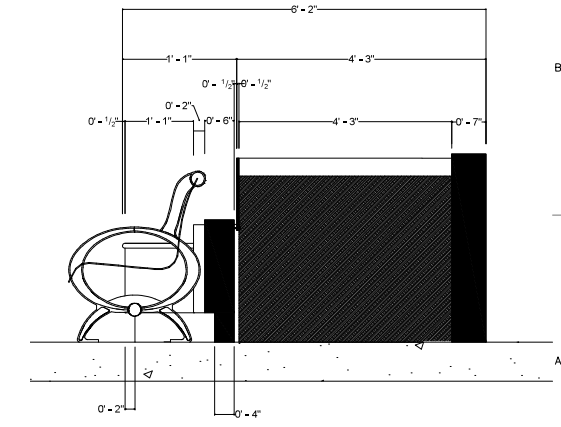
01 TOP VIEW
SCALE: 1" = 1'-0"



02 SIDE VIEW
SCALE: 1" = 1'-0"



03 FRONT VIEW
SCALE: 1" = 1'-0"



04 SECTION VIEW
SCALE: 1" = 1'-0"

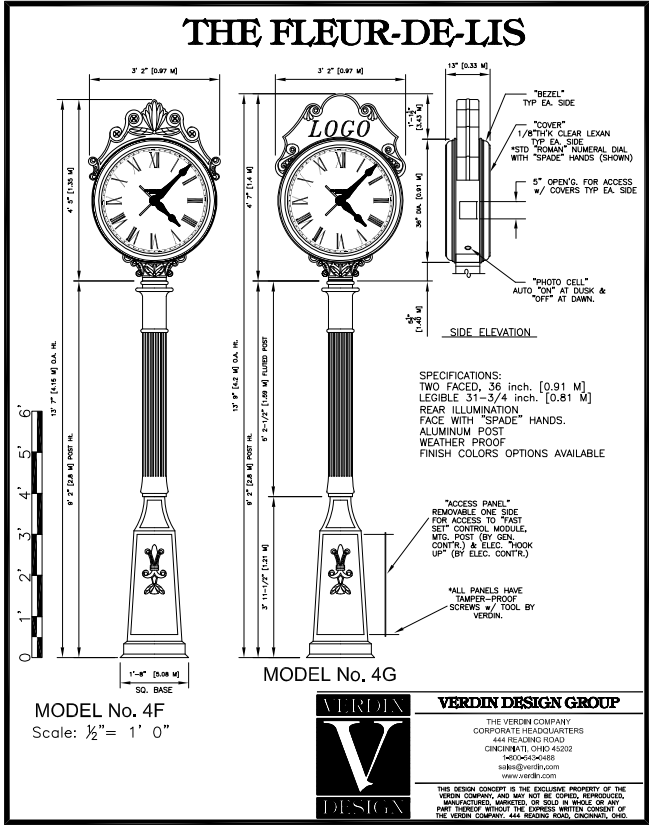
PROFESSIONAL CERTIFICATION LAW	
I, JORGE RIGAU FERRER, hereby certify that I am the professional who designed these plans and the complementary specifications, I also certify that I understand that such plans and specifications comply with the applicable provisions of the laws, regulations and applicable provisions of the regulations and codes of agencies, regulatory boards, and/or public corporations with jurisdiction.	
I acknowledge that any false declaration or falsification of the facts which have been produced without knowledge or negligence either by me, my agents or employees, or by other persons with my knowledge, makes me responsible for any legal and professional action, if any, and any other competent authorities, including but not limited to the termination of the participation in professional certification procedures in the future.	

IMPORTANT INFORMATION FOR THE CONTRACTOR	
ALL DIMENSIONS, LEVELS, AND EXISTING TREE COORDINATES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATING ANY WORK. UPON FINDING ANY DISCREPANCY, ERROR, OR OMISSION IN THE SET OF DRAWING DOCUMENTS, THE CONTRACTOR MUST INFORM THE ARCHITECT IMMEDIATELY. IN THE EVENT OF ANY DISCREPANCY, ERROR, OR OMISSION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH DISCREPANCIES, ERRORS AND/OR OMISSIONS IF THEY ARE NOT REPAIRED OR THE CONTRACTOR SHALL NOT USE ANY DRAWING GIVEN IN ADVANCE PRIOR TO THE BEGINNING OF THE WORK. ALL DRAWINGS USED BY THE CONTRACTOR MUST BEAR THE FOR CONSTRUCTION ONLY.	
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PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO QUIÑONES
SAN GERMÁN, PUERTO RICO, 00683
CONSTRUCTION DOCUMENT 90%

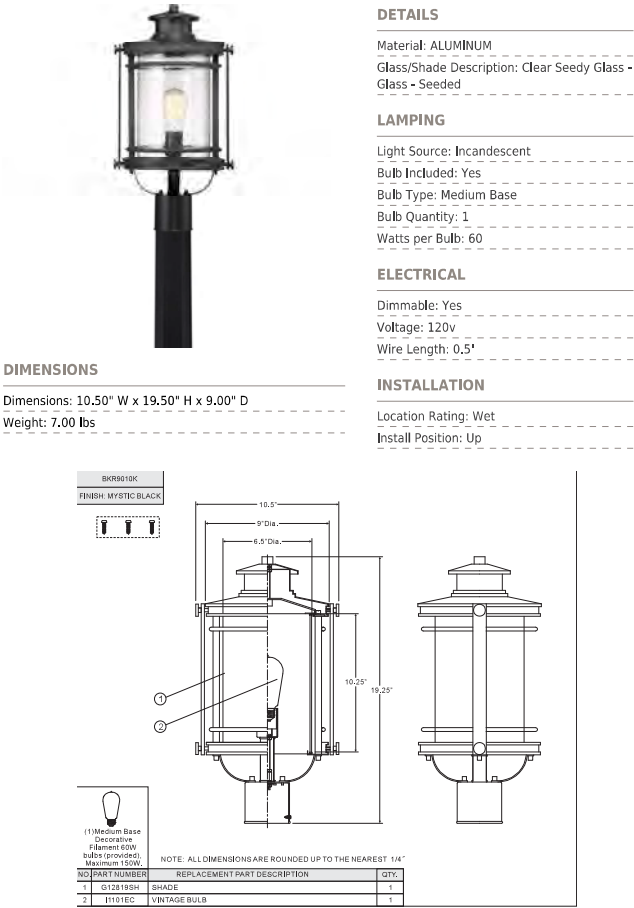
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				SCALE	PRINTED ON
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					A-15
				DRAWN BY	DATE
				FV	
				PHASE	
				DISEÑO PRELIMINAR	

JORGE RIGAU ARQUITECTOS PSC
2004 LITTLE PARK, 100-000 LAS NUBES, SAN JUAN, PUERTO RICO 00907
TEL: (787) 265-1234 FAX: (787) 265-1235

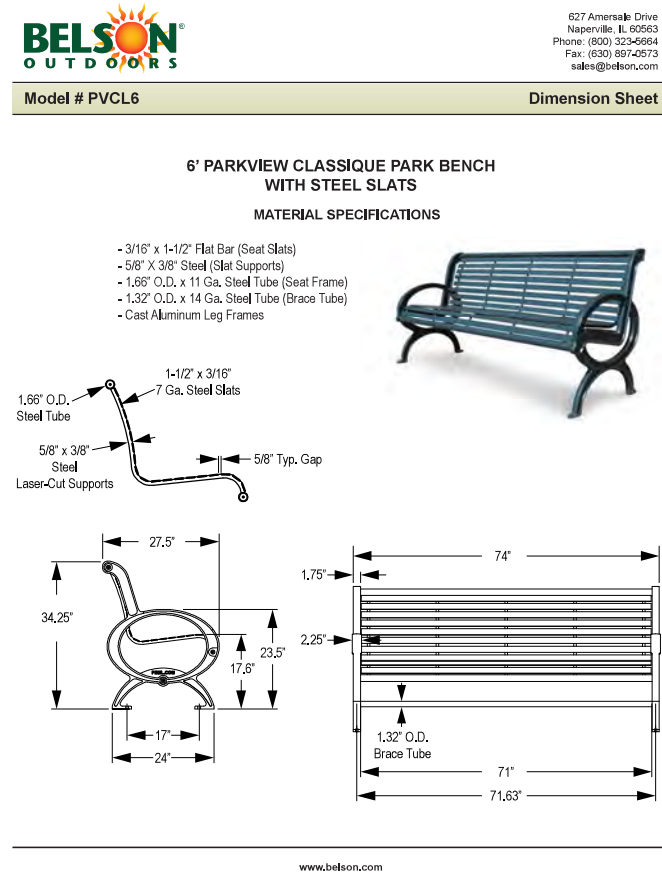


RELOJ PLAZA FRANCISCO MARIANO QUIÑONES

BKR9010K
Booker Outdoor Lantern
Mystic Black



FAROLA DE POSTE



BANCO EN ACERO

PROFESSIONAL CERTIFICATION LAW

I, JORGE RIGAU, hereby certify that I am a duly licensed Professional Engineer in the State of Puerto Rico, and I am the author of the design and construction of the project described herein. I am not aware of any other person who has contributed to the design or construction of the project described herein.

IMPORTANT INFORMATION FOR THE CONTRACTOR

THESE DRAWINGS AND THEIR CONTENT ARE PROPERTY OF JORGE RIGAU ARCHITECTS PSC. NO PART OF THESE DRAWINGS OR ANY INFORMATION CONTAINED HEREIN IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF JORGE RIGAU ARCHITECTS PSC.

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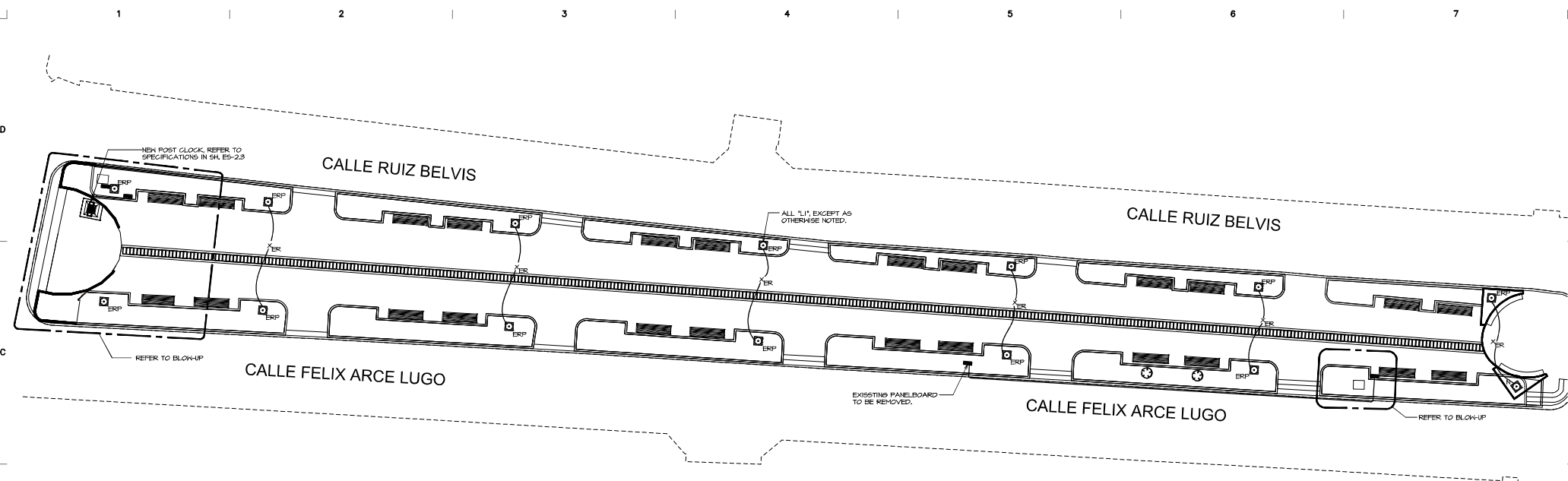
PLAZA SANTO DOMINGO Y PLAZA FRANCISCO MARIANO QUIÑONES
SAN GERMÁN, PUERTO RICO, 00683

HON. VIRGILIO OLIVERA OLIVERA, ALCALDE

TITLE
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PHASE
DISEÑO PRELIMINAR
DATE
Jueves -3 de agosto de 2023

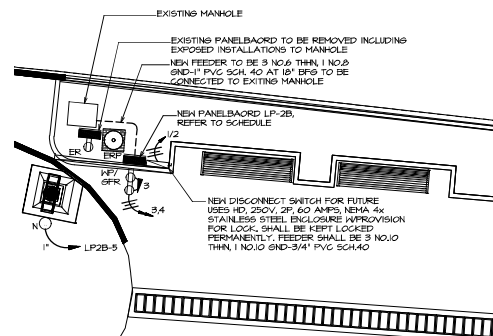


ELECTRICAL SITE PLAN - PARQUE SANTO DOMINGO

SC. $3/32'' = 1'-0''$

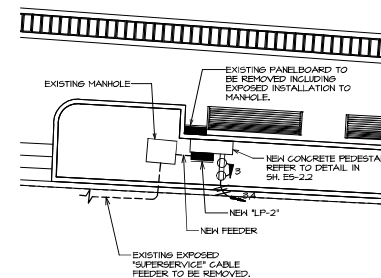
NOTES:

- ① ALL ELECTRICAL INSTALLATIONS SHALL REMAIN AS EXISTING, EXCEPT AS OTHERWISE SPECIFIED IN THIS PLANS. POLES MARKED "ERP" SHALL BE REPLACED WITH SINGLE "1" OR DOUBLE "1,2" FIXTURES AS MARKED. REFER TO SH. E5-23 FOR POLE SPECIFICATIONS EXISTING FEEDERS SHALL BE REUSED.
- ② MIN. WIRE AND CONDUIT NEW SIZES FOR SITE LIGHTING NO JO THAN AWG AND 1" RESPECTIVELY, EXCEPT AS OTHERWISE NOTED.
- ③ ALL HANGING OR EXPOSED ELECTRICAL INSTALLATIONS SHALL BE REMOVED.



ELECTRICAL SITE PLAN - PARQUE SANTO DOMINGO BLOWUP

SC. 3/16" = 1'-0"



ELECTRICAL SITE PLAN - PARQUE SANTO DOMINGO BLOWUP

SG. $3/16'' = 1'-0''$

CERTIFICATION, WE, EMERGE FILIPINO LAWYERS/DOCS/COPIES NAME: _____, CERTIFY THAT I AM A PROFESSIONAL THAT DESIGNED THESE PLANS AND THE FOLLOWING SPECIFICATIONS AND CONSTRUCTION COSTS. I CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE LAWS, ORDINANCES, DECREES, REGULATIONS (SANTO COMUNITO) AND THE APPLICABLE DISPOSITIONS OF THE CURRENT REGULATIONS AND CONSTRUCTION CODES OF AGRICULTURE, RECONSTRUCTION AND OTHER CORPORATIONS WITH JURISDICTION. I ALSO CERTIFY THAT I UNDERSTAND THAT THESE PLANS AND SPECIFICATIONS THAT THESE FULLY COMPLY BY THAT DISPOSED IN THE LAW NO. 14 DATED JANUARY 8, 1960 AND ORDINANCES. I ALSO CERTIFY THAT MY INVESTMENT IN THE PUERTO RICO INDUSTRY" AND WITH FLAW NO. 209 DATED MAY 19, 1960, AS WELL AS THE LAW NO. 100 DATED MAY 19, 1960, AS AMENDED, AS APPLICABLE; I RECOGNIZE THAT ANY VIOLATION OF THE LAWS, ORDINANCES, DECREES, PRODUCED BY NEGLIGENCE OR NEGLIGENCE, EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHER PERSONS WITH ANY RESPONSIBILITY OR RESPONSIBLE OF ANY ACTION, AND DISCIPLINARY ACTION BY

PROFESSIONAL CERTIFICATION LAW

I, ENRIQUE PUIGERA SANTOS-SUCH, LICENSE 10623, CERTIFY THAT I AM THE PROFESSIONAL WHO DESIGNED THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SUCH PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND APPLICABLE PROVISIONS OF THE REGULATIONS AND CODES OF AGENCIES, REGULATORY BOARDS AND/OR PUBLIC CORPORATIONS WITH JURISDICTION.



IMPORTANT INFORMATION FOR THE CONTRACTOR

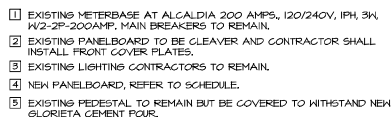
ALL DIMENSIONS, LEVELS, AND EXISTING SITE CONDITIONS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO INITIATING ANY WORK. UPON FINDING ANY DISCREPANCY, ERROR, OR OMISSION IN THE SET OF DRAWING DOCUMENTS, THE CONTRACTOR MUST INFORM THE ARCHITECT BEFORE THE BEGINNING OF THE CONSTRUCTION, IN ORDER TO MAKE THE NECESSARY REVISIONS AND/OR CORRECTIONS. THE CONTRACTOR WILL BE FULLY RESPONSIBLE FOR SUCH DISCREPANCIES, ERRORS AND/OR OMISSIONS IF THEY ARE NOT INFORMED ON TIME.

THE CONTRACTOR SHALL NOT USE ANY DRAWING GIVEN IN ADVANCE PRIOR TO THE BEGINNING OF THE WORK. ALL DRAWINGS USED BY THE CONTRACTOR MUST BEAR THE FOR CONSTRUCTION ONLY STAMP, SIGNED AND SEALED BY THE ARCHITECT.

THESE DRAWINGS AND THEIR CONTENT ARE PROPERTY OF JORGE RIGAU ARQUITECTOS PSC
SHALL BE USED SOLELY IN REFERENCE FOR THE PROJECT FOR WHICH THEY WERE EXPLICITLY
DEVELOPED
FOR, PARTIAL OR FULL REPRODUCTION OF ANY DRAWING DOCUMENT AND/OR ITS CONTENT
WITHOUT PREVIOUS AUTHORIZATION IS STRICTLY FORBIDDEN.

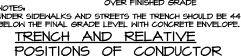
PROGRAMA | CDBG-DR – MUNICIPIO DE SAN GERMÁN
PLAZA SANTO DOMINGO Y PLAZA FRANCISCO
MARIANO QUIÑONES
SAN GERMÁN, PUERTO RICO, 00683
PRELIMINARY DESIGN

ISSUE CHART				TITLE			
NO.	DESCRIPTION	DATE	APPROVED	ELECTRICAL SITE PLAN			
				SCALE AS SHOWN	PRINTED ON	SHEET NO.	
				DRAWN BY: EF			ES-1.3
				PHASE DESIGN PRELIMINAR			DATE: SEPT.22.2023



- ① EXISTING FEEDER TO REMAIN.
- ② NEW 3 NO.6 THHN, 1 NO.8 GND- TO BE WIRED IN EXISTING CONDUIT.
- ③ NEW 3 NO.6 THHN, 1 NO.8 GND- 1" PVC SCH.40.

(1) APPLIES ONLY IN "LP-2B"

[illegible]




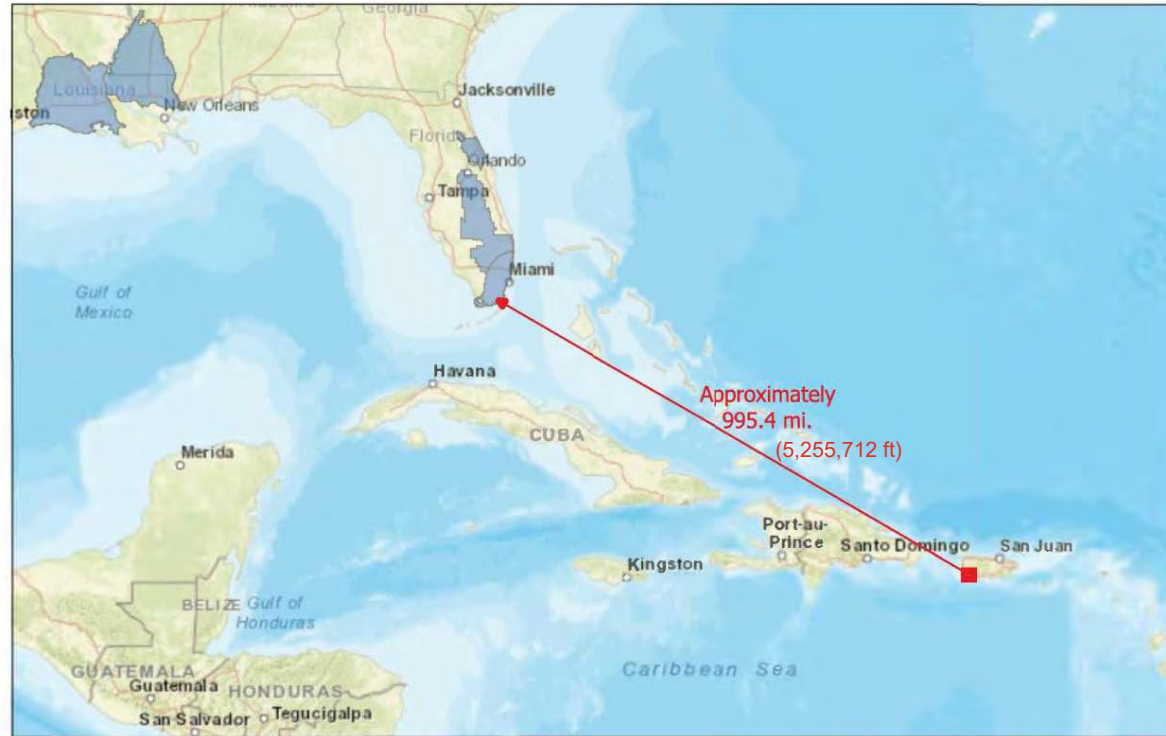
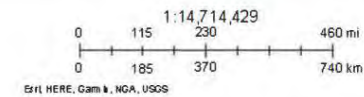
ISSUE CHART				TITLE			
NO.	DESCRIPTION	DATE	APPROVED	ELECTRICAL ONE LINE DIAGRAM AND DETAILS			
				SCALE AS SHOWN		PRINTED ON	SHEET NO. ES-2.2
				DRAWN BY: EF		DATE: SEPT-22.2023	
				PHASE PRELIMINARY		DATE: SEPT-22.2023	

Exhibit 13 Sole Source Aquifers map
PR-CRP-000876 Plaza Santo Domingo and Plaza Francisco Mariano
San Germán PR 00683
Coordinates 18.0819, -67.0420 / 18.0822, -67.0431



10/31/2024, 9:37:49 AM

Sole_Source_Aquifers



U.S. Environmental Protection Agency




Reference:
Map of Sole Source Aquifers
Source:
U.S. Environmental Protection Agency
Map of Sole Source Aquifers Web App Viewer
<https://jea.maps.arcgis.com/apps/webappviewer/index.html?id=9eb6047ba3ec41ade1877155fe31356b>

Author: Edgar Vázquez
Date: October 31, 2024

Sole Source Aquifers
Plaza Santo Domingo and Plaza Francisco Mariano
PR-CRP-000876
Municipality of San Germán

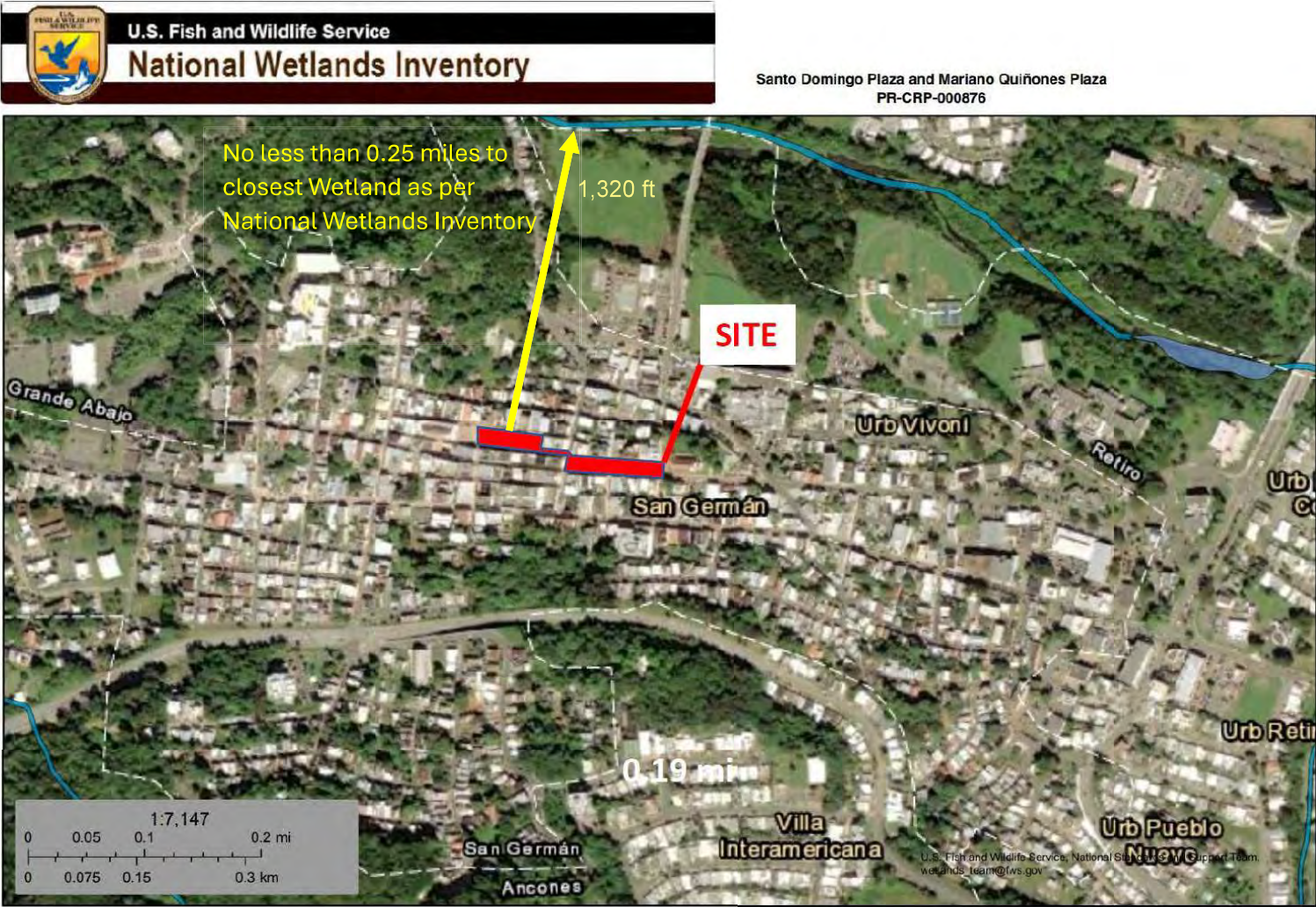
Legend:

 Proposed Project Site



Scale: As shown





April 9, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

Project Site

- Lake
- Other
- Riverine



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Map Source: [National Wetlands Inventory \(usgs.gov\)](https://www.fws.gov/nwi)

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Exhibit 15 Wild and Scenic Rivers Map
PR-CRP-000876 Plaza Santo Domingo and Plaza Francisco Mariano
San Germán PR 00683
Coordinates 18.0819, -67.0420 / 18.0822, -67.0431



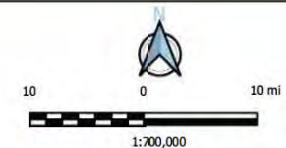
Reference:
Wild & Scenic Rivers Shapefile
Source:
U.S. Forest Service
https://data-usfs.hub.arcgis.com/datasets/71c40a05063f4e6bec08af558a9145c_0/explore?location=18.172551%2C-66.377506%2C9.25

Author: Edgar Vázquez Date: October 31, 2024

Wild & Scenic Rivers
Plaza Santo Domingo and Plaza Mariano Quiñones
PR-CRP-000876
Municipality of San Germán

Legend:

-  Proposed Project Site
-  Wild & Scenic Rivers





PO Box 1205, Boquerón, PR 00622
(787) 567-1302/567-1301/688-4945
info@acenvironmentalpr.com
www.acenvironmentalpr.com

acenvironmental

TECHNICAL MEMORANDUM TO FILE

**SITE VISIT PROJECT PLAZA SANTO DOMINGO Y PLAZAS FRANCISCO MARIANO
QUIÑONES (PR-CRP-000876), MUNICIPALITY OF SAN GERMÁN**

DATE: February 1st, 2023

This is to confirm that, as a result of a field reconnaissance that took place at the proposed project site on February 1st, 2023, with the intent to evaluate environmental aspects pursuant to 24CFR58 regulation, it was not identified relevant regulatory environmental risks. No recognized Environmental Condition (RECs) were identified within the project site. The inspection did not reveal any evidence of contamination related to hazardous substances or petroleum products, such as leaking storage tanks, improperly disposed chemicals, or malfunctioning equipment that could release contaminants into the environment.

All other environmental aspects related to the proposed action have been summarized in the Environmental Review Record (ERR) statutory form.

By:

A handwritten signature in black ink, appearing to read 'W. Sarriera', is written over a horizontal line.

William Sarriera
Environmental Consultant

Environmental Site Visit Check List

Property Identification and Location:

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Property Description:

1. Does the municipality own this property?

☒ Yes ☐ No

2. Is the property located in urban surroundings?

☒ Yes ☐ No ☐ Unknown

3. Is the property located in rural surroundings?

☐ Yes ☒ No ☐ Unknown

4. Is the property located in an industrial or manufacturing area?

☐ Yes ☒ No ☐ Unknown

5. Is the property located in a commercial area?

☒ Yes ☐ No ☐ Unknown

6. Is the property located in a residential area?

☒ Yes ☐ No ☐ Unknown

7. Is the property located in an undeveloped area?

☐ Yes ☒ No ☐ Unknown

8. Is the property an industrial or manufacturing site?

☐ Yes ☒ No ☐ Unknown

9. Is the property a commercial site?

☐ Yes ☒ No ☐ Unknown

10. Is the property a multifamily residential site?

☐ Yes ☒ No ☐ Unknown

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

11. Is the property undeveloped land?

☐ Yes ☒ No ☐ Unknown

12. Are there any surface water bodies within 500 feet (152 m) of the property?

☐ Yes ☒ No ☐ Unknown Río Guanajibo (about 1,448 feet)

13. Is the facility in a wetland area as mapped by the Department of the Interior or state and local planning areas? See Figure

☐ Yes ☒ No ☐ Unknown

Closest wetlands about 0.22 miles North and 0.42 miles West of site.

14. Are there any available site layouts, plot plans of the facilities and property, or flow charts of processes?

☒ Yes ☐ No ☐ Unknown

Site Appearance:

15. Are there any indications of contamination or environmental damage on the property?

☐ Yes ☒ No ☐ Unknown

16. Are there any newly surfaced areas, areas of disturbed soil or mounds of soil?

☐ Yes ☒ No ☐ Unknown

17. Do any ditches or easements have any signs of sludge, discoloration, or oil sheen?

☐ Yes ☒ No ☐ Unknown

18. Is there any evidence or knowledge of any pool of liquids or sumps containing liquids likely to be hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown

19. Is there any evidence or knowledge of any stains or corrosion on any floors, walls, or ceilings, floor drains or sumps?

☐ Yes ☒ No ☐ Unknown ☐ N/A

20. Has any demolition occurred on the property?

☐ Yes ☐ No ☒ Unknown

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

21. Is there any construction or demolition debris on or buried on the property?

☐ Yes ☐ No ☒ Unknown

22. Is there any evidence or knowledge of any complaints by the neighbors or authorities about odors, discharges, or noise from the facility?

☐ Yes ☐ No ☒ Unknown

23. Does the general appearance of the facility and grounds appear to be in a state of "good housekeeping"?

☒ Yes ☐ No ☐ Unknown ☐ N/A

24. Have there been any environmental assessments, audits, regulatory inspections, soil, air, or water sampling, endangered species studies or impact statements previously conducted at the facility or on the property?

☐ Yes ☐ No ☒ Unknown

25. Has an environmental professional reviewed the report as part of this assessment?

☐ Yes ☐ No ☒ Unknown

Environmental Compliance:

26. Has the facility been in compliance with all environmental permits and applicable Federal, State, and local laws, regulations, and ordinances?

☐ Yes ☐ No ☐ Unknown ☒ N/A

27. Has the facility received notification of lawsuits or administration proceedings alleging violation of Federal, state and local environmental laws and regulations?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Potential Liabilities:

28. Are there any past or current known or suspected onsite or offsite contamination concerns associated with the property or any treatment, storage, or disposal facility?

☐ Yes ☒ No ☐ Unknown ☐ N/A

29. Currently, or in the past, is there any evidence or knowledge that there is any environmental contamination testing being conducted at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

30. Is there any on-site environmental contamination issues being investigated by Federal, state, or local government agencies?

☐ Yes ☒ No ☐ Unknown ☐ N/A

31. Has the facility ever received notifications of any lawsuits or administration proceedings alleging contamination or damage to natural resources at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

32. Has the municipality established any reserves for environmental compliance or remediation costs?

☐ Yes ☐ No ☐ Unknown ☒ N/A

33. Are there any off-site active or inactive land disposal sites owned or operated by the municipality?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Groundwater:

34. Is the local water supply provided by a central water system?

☒ Yes AAA PRASA (AAA) ☐ No ☐ Unknown ☐ N/A

35. Are there any known drinking water wells within a one-mile radius of the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

36. Is the depth to groundwater known?

☐ Yes ☐ No ☒ Unknown ☐ N/A

37. Is there any groundwater well(s) that the facility can or does monitor?

☐ Yes ☒ No ☐ Unknown ☐ N/A

38. Have contaminants been identified in any well on the property or any well within a one-mile radius of the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Subject Property: Current and Past Uses:

39. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

40. Is there any evidence or knowledge that the manufacturing activities are likely to indicate any recognized environmental conditions in connection with the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

41. Is there any evidence or knowledge of any repair or service activities, gas stations, or petroleum processing, storage or delivery activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

42. Is there any evidence or knowledge of any dry cleaning, parts cleaning, equipment or machine cleaning, printing or photographic developing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

43. Is there any evidence or knowledge of any waste storage, recycling or treatment activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

44. Is there any evidence or knowledge of any waste, wastewater, or land disposal activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

45. Is there any evidence or knowledge of any prepackaged hazardous substances stored for distribution at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

46. Is there any evidence or knowledge of any lawn, disinfectant, or pest control chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

47. 7. Is there any evidence or knowledge of any building cleaning, building painting, or building maintenance chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

48. Is there any evidence or knowledge of any mining, quarrying, oil or gas extraction activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

49. Is there any evidence or knowledge of any special or unique activities involving toxic or hazardous materials or substances conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

50. Is the site located in an area with known regional elevated radon levels?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Lead Based Paint:

51. Is there any evidence or knowledge of any lead-based paint had been used at the facility?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Urea Formaldehyde:

52. Does the facility have any urea formaldehyde insulation?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Drinking Water Lead Pipes:

53. Is there any evidence or knowledge of any drinking water lead pipes?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Electric Magnetic Field:

54. Are there any electrical substations or transmission lines labeled high voltage or similar warnings located at the facility, on the property, on the easements or within 300 feet of the property line?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Fill Dirt:

55. Is there any evidence or knowledge of any fill dirt or fill materials been used on, applied to, or disposed of on the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Asbestos:

56. Is there any evidence or knowledge of any insulation, surfacing materials, vinyl floor tiles or fire retardant materials installed before 1980 in the buildings or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Polychlorinated Biphenyl (PCB's):

57. Is there any evidence or knowledge that there is fluorescent light ballast that could contain PCB's or mercury at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

58. Is there any evidence or knowledge that there are or were any electrical equipment installed before 1980 at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Underground Storage Tank: Existing Tank:

59. Is there any evidence, knowledge or physical indication of any existing underground storage tank at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Above Ground Storage Tanks (AST's):

60. Is there any evidence, knowledge or physical indication of any above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

61. Are there any active above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

62. Are there any out of service or abandoned above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

63. Has there been any above ground storage tanks removed from the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Chemical, Hazardous Substances and Petroleum Products:

64. Are there any material safety data sheets (MSDS) for raw materials or products used, produced or stored at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

65. Has the facility or does the facility participate in a Hazard Communication Program, Employee Right to Know, Community Right to Know, Toxic Chemical Inventory Reporting, Toxic Chemical Release Reporting, or Emergency Notification of Releases of Listed Extremely Hazardous Substances programs or reporting?

☐ Yes ☐ No ☐ Unknown ☒ N/A

66. Is there any evidence or knowledge that there are any chemicals, hazardous substances or petroleum products used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Unidentified Substances Containers:

67. Are there any containers or drums that contain unidentified substances suspected of being hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Solid Waste:

68. Is there any evidence or knowledge that there are any waste, by-products, or throw-offs generated at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sludge or Solids:

69. Is there any evidence or knowledge that there are or was any sludge or solids generated, spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

70. Is there any evidence or knowledge that there are or were any sludge's or solids spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Land Disposal Activities:

71. Is there any evidence or knowledge that there are or were any waste piles, junkyards, landfills, open dumps, buried materials or wastes, construction debris or abandoned materials, drums, tanks, or equipment at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

72. Is there any evidence or knowledge that there are or were any deep wells, injection wells, or dry wells that received any wastes on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Pits, Ponds, and Surface Impoundments:

73. Is there any evidence or knowledge that there are or were any pits, ponds, lakes, basins, lagoons, or surface impoundments on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial, Fuel, Automotive, and Waste Oil:

74. Is there any evidence or knowledge that there are or were any industrial, fuel, automotive oil used or stored, or any waste oil generated, stored, treated or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

75. Has any oil or waste oil been used for dust control on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Batteries:

76. Is there any evidence or knowledge that there are or were any industrial or automotive batteries generated or stored at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Empty Drums:

77. Is there any evidence or knowledge that there are or were any used or empty drums used, generated, stored, discharged or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Air Emissions:

78. Is there any evidence or knowledge that there are or were air emission sources, odors, fumes, visible gas, particles or dust at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sanitary Wastewater:

79. Does the facility discharge sanitary wastewater to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A
PRASA (AAA)

80. Does the facility discharge wastewater to an onsite septic system or leaching field?

☐ Yes ☒ No ☐ Unknown ☐ N/A

81. Is there any evidence that there are floor drains, roof drains, and catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the sanitary sewer?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Storm Water Runoff:

82. Is storm water runoff discharged to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A

83. Is storm water runoff discharged to surface water?

☒ Yes ☐ No ☐ Unknown ☐ N/A

84. If yes, are there any floor drains, roof drains, catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the surface water?

☐ Yes ☐ No ☐ Unknown ☒ N/A

85. Do any floor drains, roof drains, catch basins, pits, or sumps have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

86. Does any surface water or storm water discharge points have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

87. Is there any evidence or knowledge that there are or were any ponds, pits, lagoons, surface impoundments or settling ponds used to store or treat storm water?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial Wastewater:

88. Does the facility discharge any treated or non-treated industrial wastewater?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Neighboring Properties: Current and Past Activities:

89. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at any of the adjacent properties?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

90. Is there any evidence or knowledge that there are or were any containers or tanks that contain chemicals used at any of the adjacent properties?

☐ Yes ☐ No ☒ Unknown ☐ N/A

91. Is there any evidence or knowledge that there are or were any hazardous substances used or stored at any of the adjacent properties?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Signature 
William Sarriera

Date: 02-01-2023

TECHNICAL MEMORANDUM TO FILE

**SITE VISIT PROJECT PLAZA SANTO DOMINGO Y PLAZAS FRANCISCO MARIANO
QUIÑONES (PR-CRP-000876), MUNICIPALITY OF SAN GERMÁN**

DATE: May 5th, 2023

This is to confirm that, as a result of a field reconnaissance that took place at the proposed project site on May 5th, 2023, with the intent to evaluate environmental aspects pursuant to 24CFR58 regulation, it was not identified relevant regulatory environmental risks. No recognized Environmental Condition (RECs) were identified within the project site. The inspection did not reveal any evidence of contamination related to hazardous substances or petroleum products, such as leaking storage tanks, improperly disposed chemicals, or malfunctioning equipment that could release contaminants into the environment.

All other environmental aspects related to the proposed action have been summarized in the Environmental Review Record (ERR) statutory form.

By:



William Sarriera
Environmental Consultant

Environmental Site Visit Check List

Property Identification and Location:

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Property Description:

1. Does the municipality own this property?

☒ Yes ☐ No

2. Is the property located in urban surroundings?

☒ Yes ☐ No ☐ Unknown

3. Is the property located in rural surroundings?

☐ Yes ☒ No ☐ Unknown

4. Is the property located in an industrial or manufacturing area?

☐ Yes ☒ No ☐ Unknown

5. Is the property located in a commercial area?

☒ Yes ☐ No ☐ Unknown

6. Is the property located in a residential area?

☒ Yes ☐ No ☐ Unknown

7. Is the property located in an undeveloped area?

☐ Yes ☒ No ☐ Unknown

8. Is the property an industrial or manufacturing site?

☐ Yes ☒ No ☐ Unknown

9. Is the property a commercial site?

☐ Yes ☒ No ☐ Unknown

10. Is the property a multifamily residential site?

☐ Yes ☒ No ☐ Unknown

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San Germán, Puerto Rico

11. Is the property undeveloped land?

☐ Yes ☒ No ☐ Unknown

12. Are there any surface water bodies within 500 feet (152 m) of the property?

☐ Yes ☒ No ☐ Unknown Río Guanajibo (about 1,448 feet)

13. Is the facility in a wetland area as mapped by the Department of the Interior or state and local planning areas? See Figure

☐ Yes ☒ No ☐ Unknown
Closest wetlands about 0.22 miles North and 0.42 miles West of site.

14. Are there any available site layouts, plot plans of the facilities and property, or flow charts of processes?

☒ Yes ☐ No ☐ Unknown

Site Appearance:

15. Are there any indications of contamination or environmental damage on the property?

☐ Yes ☒ No ☐ Unknown

16. Are there any newly surfaced areas, areas of disturbed soil or mounds of soil?

☐ Yes ☒ No ☐ Unknown

17. Do any ditches or easements have any signs of sludge, discoloration, or oil sheen?

☐ Yes ☒ No ☐ Unknown

18. Is there any evidence or knowledge of any pool of liquids or sumps containing liquids likely to be hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown

19. Is there any evidence or knowledge of any stains or corrosion on any floors, walls, or ceilings, floor drains or sumps?

☐ Yes ☒ No ☐ Unknown ☐ N/A

20. Has any demolition occurred on the property?

☐ Yes ☐ No ☒ Unknown

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San Germán, Puerto Rico

21. Is there any construction or demolition debris on or buried on the property?

☐ Yes ☐ No ☒ Unknown

22. Is there any evidence or knowledge of any complaints by the neighbors or authorities about odors, discharges, or noise from the facility?

☐ Yes ☐ No ☒ Unknown

23. Does the general appearance of the facility and grounds appear to be in a state of "good housekeeping"?

☒ Yes ☐ No ☐ Unknown ☐ N/A

24. Have there been any environmental assessments, audits, regulatory inspections, soil, air, or water sampling, endangered species studies or impact statements previously conducted at the facility or on the property?

☐ Yes ☐ No ☒ Unknown

25. Has an environmental professional reviewed the report as part of this assessment?

☐ Yes ☐ No ☒ Unknown

Environmental Compliance:

26. Has the facility been in compliance with all environmental permits and applicable Federal, State, and local laws, regulations, and ordinances?

☐ Yes ☐ No ☐ Unknown ☒ N/A

27. Has the facility received notification of lawsuits or administration proceedings alleging violation of Federal, state and local environmental laws and regulations?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Potential Liabilities:

28. Are there any past or current known or suspected onsite or offsite contamination concerns associated with the property or any treatment, storage, or disposal facility?

☐ Yes ☒ No ☐ Unknown ☐ N/A

29. Currently, or in the past, is there any evidence or knowledge that there is any environmental contamination testing being conducted at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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30. Is there any on-site environmental contamination issues being investigated by Federal, state, or local government agencies?

☐ Yes ☒ No ☐ Unknown ☐ N/A

31. Has the facility ever received notifications of any lawsuits or administration proceedings alleging contamination or damage to natural resources at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

32. Has the municipality established any reserves for environmental compliance or remediation costs?

☐ Yes ☐ No ☐ Unknown ☒ N/A

33. Are there any off-site active or inactive land disposal sites owned or operated by the municipality?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Groundwater:

34. Is the local water supply provided by a central water system?

☒ Yes AAA PRASA (AAA) ☐ No ☐ Unknown ☐ N/A

35. Are there any known drinking water wells within a one-mile radius of the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

36. Is the depth to groundwater known?

☐ Yes ☐ No ☒ Unknown ☐ N/A

37. Is there any groundwater well(s) that the facility can or does monitor?

☐ Yes ☒ No ☐ Unknown ☐ N/A

38. Have contaminants been identified in any well on the property or any well within a one-mile radius of the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Subject Property: Current and Past Uses:

39. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

40. Is there any evidence or knowledge that the manufacturing activities are likely to indicate any recognized environmental conditions in connection with the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

41. Is there any evidence or knowledge of any repair or service activities, gas stations, or petroleum processing, storage or delivery activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

42. Is there any evidence or knowledge of any dry cleaning, parts cleaning, equipment or machine cleaning, printing or photographic developing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

43. Is there any evidence or knowledge of any waste storage, recycling or treatment activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

44. Is there any evidence or knowledge of any waste, wastewater, or land disposal activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

45. Is there any evidence or knowledge of any prepackaged hazardous substances stored for distribution at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

46. Is there any evidence or knowledge of any lawn, disinfectant, or pest control chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

47. 7. Is there any evidence or knowledge of any building cleaning, building painting, or building maintenance chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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48. Is there any evidence or knowledge of any mining, quarrying, oil or gas extraction activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

49. Is there any evidence or knowledge of any special or unique activities involving toxic or hazardous materials or substances conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

50. Is the site located in an area with known regional elevated radon levels?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Lead Based Paint:

51. Is there any evidence or knowledge of any lead-based paint had been used at the facility?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Urea Formaldehyde:

52. Does the facility have any urea formaldehyde insulation?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Drinking Water Lead Pipes:

53. Is there any evidence or knowledge of any drinking water lead pipes?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Electric Magnetic Field:

54. Are there any electrical substations or transmission lines labeled high voltage or similar warnings located at the facility, on the property, on the easements or within 300 feet of the property line?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Fill Dirt:

55. Is there any evidence or knowledge of any fill dirt or fill materials been used on, applied to, or disposed of on the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Asbestos:

56. Is there any evidence or knowledge of any insulation, surfacing materials, vinyl floor tiles or fire retardant materials installed before 1980 in the buildings or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Polychlorinated Biphenyl (PCB's):

57. Is there any evidence or knowledge that there is fluorescent light ballast that could contain PCB's or mercury at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

58. Is there any evidence or knowledge that there are or were any electrical equipment installed before 1980 at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Underground Storage Tank: Existing Tank:

59. Is there any evidence, knowledge or physical indication of any existing underground storage tank at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Above Ground Storage Tanks (AST's):

60. Is there any evidence, knowledge or physical indication of any above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

61. Are there any active above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

62. Are there any out of service or abandoned above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

63. Has there been any above ground storage tanks removed from the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Chemical, Hazardous Substances and Petroleum Products:

64. Are there any material safety data sheets (MSDS) for raw materials or products used, produced or stored at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

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65. Has the facility or does the facility participate in a Hazard Communication Program, Employee Right to Know, Community Right to Know, Toxic Chemical Inventory Reporting, Toxic Chemical Release Reporting, or Emergency Notification of Releases of Listed Extremely Hazardous Substances programs or reporting?

☐ Yes ☐ No ☐ Unknown ☒ N/A

66. Is there any evidence or knowledge that there are any chemicals, hazardous substances or petroleum products used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Unidentified Substances Containers:

67. Are there any containers or drums that contain unidentified substances suspected of being hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Solid Waste:

68. Is there any evidence or knowledge that there are any waste, by-products, or throw-offs generated at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sludge or Solids:

69. Is there any evidence or knowledge that there are or was any sludge or solids generated, spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

70. Is there any evidence or knowledge that there are or were any sludge's or solids spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Land Disposal Activities:

71. Is there any evidence or knowledge that there are or were any waste piles, junkyards, landfills, open dumps, buried materials or wastes, construction debris or abandoned materials, drums, tanks, or equipment at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

72. Is there any evidence or knowledge that there are or were any deep wells, injection wells, or dry wells that received any wastes on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Pits, Ponds, and Surface Impoundments:

73. Is there any evidence or knowledge that there are or were any pits, ponds, lakes, basins, lagoons, or surface impoundments on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial, Fuel, Automotive, and Waste Oil:

74. Is there any evidence or knowledge that there are or were any industrial, fuel, automotive oil used or stored, or any waste oil generated, stored, treated or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

75. Has any oil or waste oil been used for dust control on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Batteries:

76. Is there any evidence or knowledge that there are or were any industrial or automotive batteries generated or stored at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Empty Drums:

77. Is there any evidence or knowledge that there are or were any used or empty drums used, generated, stored, discharged or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Air Emissions:

78. Is there any evidence or knowledge that there are or were air emission sources, odors, fumes, visible gas, particles or dust at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sanitary Wastewater:

79. Does the facility discharge sanitary wastewater to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A
PRASA (AAA)

80. Does the facility discharge wastewater to an onsite septic system or leaching field?

☐ Yes ☒ No ☐ Unknown ☐ N/A

81. Is there any evidence that there are floor drains, roof drains, and catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the sanitary sewer?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Storm Water Runoff:

82. Is storm water runoff discharged to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A

83. Is storm water runoff discharged to surface water?

☒ Yes ☐ No ☐ Unknown ☐ N/A

84. If yes, are there any floor drains, roof drains, catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the surface water?

☐ Yes ☐ No ☐ Unknown ☒ N/A

85. Do any floor drains, roof drains, catch basins, pits, or sumps have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

86. Does any surface water or storm water discharge points have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

87. Is there any evidence or knowledge that there are or were any ponds, pits, lagoons, surface impoundments or settling ponds used to store or treat storm water?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial Wastewater:

88. Does the facility discharge any treated or non-treated industrial wastewater?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Neighboring Properties: Current and Past Activities:

89. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at any of the adjacent properties?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

90. Is there any evidence or knowledge that there are or were any containers or tanks that contain chemicals used at any of the adjacent properties?

☐ Yes ☐ No ☒ Unknown ☐ N/A

91. Is there any evidence or knowledge that there are or were any hazardous substances used or stored at any of the adjacent properties?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Signature 
William Sarriera

Date: 5 May 2023

TECHNICAL MEMORANDUM TO FILE

**SITE VISIT PROJECT PLAZA SANTO DOMINGO Y PLAZAS FRANCISCO MARIANO
QUIÑONES (PR-CRP-000876), MUNICIPALITY OF SAN GERMÁN**

DATE: May 31st, 2024

This is to confirm that, as a result of a field reconnaissance that took place at the proposed project site on May 31st, 2024, with the intent to evaluate environmental aspects pursuant to 24CFR58 regulation, it was not identified relevant regulatory environmental risks. No recognized Environmental Condition (RECs) were identified within the project site. The inspection did not reveal any evidence of contamination related to hazardous substances or petroleum products, such as leaking storage tanks, improperly disposed chemicals, or malfunctioning equipment that could release contaminants into the environment.

All other environmental aspects related to the proposed action have been summarized in the Environmental Review Record (ERR) statutory form.

By:



William Sarriera
Environmental Consultant

Environmental Site Visit Check List

Property Identification and Location:

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Property Description:

1. Does the municipality own this property?

☒ Yes ☐ No

2. Is the property located in urban surroundings?

☒ Yes ☐ No ☐ Unknown

3. Is the property located in rural surroundings?

☐ Yes ☒ No ☐ Unknown

4. Is the property located in an industrial or manufacturing area?

☐ Yes ☒ No ☐ Unknown

5. Is the property located in a commercial area?

☒ Yes ☐ No ☐ Unknown

6. Is the property located in a residential area?

☒ Yes ☐ No ☐ Unknown

7. Is the property located in an undeveloped area?

☐ Yes ☒ No ☐ Unknown

8. Is the property an industrial or manufacturing site?

☐ Yes ☒ No ☐ Unknown

9. Is the property a commercial site?

☐ Yes ☒ No ☐ Unknown

10. Is the property a multifamily residential site?

☐ Yes ☒ No ☐ Unknown

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

11. Is the property undeveloped land?

☐ Yes ☒ No ☐ Unknown

12. Are there any surface water bodies within 500 feet (152 m) of the property?

☐ Yes ☒ No ☐ Unknown Río Guanajibo (about 1,448 feet)

13. Is the facility in a wetland area as mapped by the Department of the Interior or state and local planning areas? See Figure

☐ Yes ☒ No ☐ Unknown

Closest wetlands about 0.22 miles North and 0.42 miles West of site.

14. Are there any available site layouts, plot plans of the facilities and property, or flow charts of processes?

☒ Yes ☐ No ☐ Unknown

Site Appearance:

15. Are there any indications of contamination or environmental damage on the property?

☐ Yes ☒ No ☐ Unknown

16. Are there any newly surfaced areas, areas of disturbed soil or mounds of soil?

☐ Yes ☒ No ☐ Unknown

17. Do any ditches or easements have any signs of sludge, discoloration, or oil sheen?

☐ Yes ☒ No ☐ Unknown

18. Is there any evidence or knowledge of any pool of liquids or sumps containing liquids likely to be hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown

19. Is there any evidence or knowledge of any stains or corrosion on any floors, walls, or ceilings, floor drains or sumps?

☐ Yes ☒ No ☐ Unknown ☐ N/A

20. Has any demolition occurred on the property?

☐ Yes ☐ No ☒ Unknown

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

21. Is there any construction or demolition debris on or buried on the property?

☐ Yes ☐ No ☒ Unknown

22. Is there any evidence or knowledge of any complaints by the neighbors or authorities about odors, discharges, or noise from the facility?

☐ Yes ☐ No ☒ Unknown

23. Does the general appearance of the facility and grounds appear to be in a state of "good housekeeping"?

☒ Yes ☐ No ☐ Unknown ☐ N/A

24. Have there been any environmental assessments, audits, regulatory inspections, soil, air, or water sampling, endangered species studies or impact statements previously conducted at the facility or on the property?

☐ Yes ☐ No ☒ Unknown

25. Has an environmental professional reviewed the report as part of this assessment?

☐ Yes ☐ No ☒ Unknown

Environmental Compliance:

26. Has the facility been in compliance with all environmental permits and applicable Federal, State, and local laws, regulations, and ordinances?

☐ Yes ☐ No ☐ Unknown ☒ N/A

27. Has the facility received notification of lawsuits or administration proceedings alleging violation of Federal, state and local environmental laws and regulations?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Potential Liabilities:

28. Are there any past or current known or suspected onsite or offsite contamination concerns associated with the property or any treatment, storage, or disposal facility?

☐ Yes ☒ No ☐ Unknown ☐ N/A

29. Currently, or in the past, is there any evidence or knowledge that there is any environmental contamination testing being conducted at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

30. Is there any on-site environmental contamination issues being investigated by Federal, state, or local government agencies?

☐ Yes ☒ No ☐ Unknown ☐ N/A

31. Has the facility ever received notifications of any lawsuits or administration proceedings alleging contamination or damage to natural resources at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

32. Has the municipality established any reserves for environmental compliance or remediation costs?

☐ Yes ☐ No ☐ Unknown ☒ N/A

33. Are there any off-site active or inactive land disposal sites owned or operated by the municipality?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Groundwater:

34. Is the local water supply provided by a central water system?

☒ Yes AAA PRASA (AAA) ☐ No ☐ Unknown ☐ N/A

35. Are there any known drinking water wells within a one-mile radius of the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

36. Is the depth to groundwater known?

☐ Yes ☐ No ☒ Unknown ☐ N/A

37. Is there any groundwater well(s) that the facility can or does monitor?

☐ Yes ☒ No ☐ Unknown ☐ N/A

38. Have contaminants been identified in any well on the property or any well within a one-mile radius of the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Subject Property: Current and Past Uses:

39. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

40. Is there any evidence or knowledge that the manufacturing activities are likely to indicate any recognized environmental conditions in connection with the subject property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

41. Is there any evidence or knowledge of any repair or service activities, gas stations, or petroleum processing, storage or delivery activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

42. Is there any evidence or knowledge of any dry cleaning, parts cleaning, equipment or machine cleaning, printing or photographic developing activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

43. Is there any evidence or knowledge of any waste storage, recycling or treatment activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

44. Is there any evidence or knowledge of any waste, wastewater, or land disposal activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

45. Is there any evidence or knowledge of any prepackaged hazardous substances stored for distribution at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

46. Is there any evidence or knowledge of any lawn, disinfectant, or pest control chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

47. 7. Is there any evidence or knowledge of any building cleaning, building painting, or building maintenance chemicals used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

48. Is there any evidence or knowledge of any mining, quarrying, oil or gas extraction activities conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

49. Is there any evidence or knowledge of any special or unique activities involving toxic or hazardous materials or substances conducted at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

50. Is the site located in an area with known regional elevated radon levels?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Lead Based Paint:

51. Is there any evidence or knowledge of any lead-based paint had been used at the facility?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Urea Formaldehyde:

52. Does the facility have any urea formaldehyde insulation?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Drinking Water Lead Pipes:

53. Is there any evidence or knowledge of any drinking water lead pipes?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Electric Magnetic Field:

54. Are there any electrical substations or transmission lines labeled high voltage or similar warnings located at the facility, on the property, on the easements or within 300 feet of the property line?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Fill Dirt:

55. Is there any evidence or knowledge of any fill dirt or fill materials been used on, applied to, or disposed of on the subject property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Asbestos:

56. Is there any evidence or knowledge of any insulation, surfacing materials, vinyl floor tiles or fire retardant materials installed before 1980 in the buildings or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Polychlorinated Biphenyl (PCB's):

57. Is there any evidence or knowledge that there is fluorescent light ballast that could contain PCB's or mercury at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

58. Is there any evidence or knowledge that there are or were any electrical equipment installed before 1980 at the facility or on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Underground Storage Tank: Existing Tank:

59. Is there any evidence, knowledge or physical indication of any existing underground storage tank at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Above Ground Storage Tanks (AST's):

60. Is there any evidence, knowledge or physical indication of any above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

61. Are there any active above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

62. Are there any out of service or abandoned above ground storage tanks at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

63. Has there been any above ground storage tanks removed from the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Chemical, Hazardous Substances and Petroleum Products:

64. Are there any material safety data sheets (MSDS) for raw materials or products used, produced or stored at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

65. Has the facility or does the facility participate in a Hazard Communication Program, Employee Right to Know, Community Right to Know, Toxic Chemical Inventory Reporting, Toxic Chemical Release Reporting, or Emergency Notification of Releases of Listed Extremely Hazardous Substances programs or reporting?

☐ Yes ☐ No ☐ Unknown ☒ N/A

66. Is there any evidence or knowledge that there are any chemicals, hazardous substances or petroleum products used or stored at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Unidentified Substances Containers:

67. Are there any containers or drums that contain unidentified substances suspected of being hazardous substances or petroleum products?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Solid Waste:

68. Is there any evidence or knowledge that there are any waste, by-products, or throw-offs generated at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sludge or Solids:

69. Is there any evidence or knowledge that there are or was any sludge or solids generated, spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

70. Is there any evidence or knowledge that there are or were any sludge's or solids spilled, disposed of, buried, spread, or abandoned at the facility or on the property?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Land Disposal Activities:

71. Is there any evidence or knowledge that there are or were any waste piles, junkyards, landfills, open dumps, buried materials or wastes, construction debris or abandoned materials, drums, tanks, or equipment at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

72. Is there any evidence or knowledge that there are or were any deep wells, injection wells, or dry wells that received any wastes on the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

Applicant ID: PR-CRP-000876

Plaza Santo Domingo and Plaza Mariano Quiñones
San Germán, Puerto Rico

Pits, Ponds, and Surface Impoundments:

73. Is there any evidence or knowledge that there are or were any pits, ponds, lakes, basins, lagoons, or surface impoundments on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial, Fuel, Automotive, and Waste Oil:

74. Is there any evidence or knowledge that there are or were any industrial, fuel, automotive oil used or stored, or any waste oil generated, stored, treated or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

75. Has any oil or waste oil been used for dust control on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Batteries:

76. Is there any evidence or knowledge that there are or were any industrial or automotive batteries generated or stored at the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Empty Drums:

77. Is there any evidence or knowledge that there are or were any used or empty drums used, generated, stored, discharged or disposed of at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Air Emissions:

78. Is there any evidence or knowledge that there are or were air emission sources, odors, fumes, visible gas, particles or dust at the facility or on the property?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Sanitary Wastewater:

79. Does the facility discharge sanitary wastewater to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A
PRASA (AAA)

80. Does the facility discharge wastewater to an onsite septic system or leaching field?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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81. Is there any evidence that there are floor drains, roof drains, and catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the sanitary sewer?

☐ Yes ☐ No ☐ Unknown ☒ N/A

Storm Water Runoff:

82. Is storm water runoff discharged to a municipal sewer system?

☒ Yes ☐ No ☐ Unknown ☐ N/A

83. Is storm water runoff discharged to surface water?

☒ Yes ☐ No ☐ Unknown ☐ N/A

84. If yes, are there any floor drains, roof drains, catch basins, pits or sumps that could discharge spills, leaks, or releases from process areas, chemical storage areas, above ground storage tanks, machinery or electrical equipment to the surface water?

☐ Yes ☐ No ☐ Unknown ☒ N/A

85. Do any floor drains, roof drains, catch basins, pits, or sumps have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

86. Does any surface water or storm water discharge points have any signs of contamination?

☐ Yes ☒ No ☐ Unknown ☐ N/A

87. Is there any evidence or knowledge that there are or were any ponds, pits, lagoons, surface impoundments or settling ponds used to store or treat storm water?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Industrial Wastewater:

88. Does the facility discharge any treated or non-treated industrial wastewater?

☐ Yes ☒ No ☐ Unknown ☐ N/A

Neighboring Properties: Current and Past Activities:

89. Is there any evidence or knowledge of any industrial or manufacturing activities conducted at any of the adjacent properties?

☐ Yes ☒ No ☐ Unknown ☐ N/A

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90. Is there any evidence or knowledge that there are or were any containers or tanks that contain chemicals used at any of the adjacent properties?

☐ Yes

☐ No

☒ Unknown

☐ N/A

91. Is there any evidence or knowledge that there are or were any hazardous substances used or stored at any of the adjacent properties?

☐ Yes

☒ No

☐ Unknown

☐ N/A

Signature


William Sarriera

Date: 31 May 2024