



**U.S. Department of Housing and Urban  
Development**

451 Seventh Street, SW  
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:** PR-ESP-00191 Pao's Pharmacy Inc Braian Hernandez Pizarro

**Responsible Entity:** Puerto Rico Department of Housing

**Grant Recipient:** Department of Economic Development and Commerce (DEDC)

**State/Local Identifier:** Puerto Rico / Coamo, PR

**Preparer:** Patricia Carmenatty, Environmental Specialist  
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787-783-0290

**Certifying Officer Name and Title:** Permit and Environmental Compliance Officers:

Aldo A. Rivera Vazquez, PE - Director, Permits and Environmental Compliance Division

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Permits and Environmental Compliance Specialist: Sally Z. Acevedo-Cosme, Limary Vélez Marrero, Ivelisse Lorenzo Torres, Mónica Machuca Rios, Janette I. Cambrelén, Santa Ramírez Lebrón, Abdul Feliciano Plaza, Pedro de León Rodriguez, Javier Mercado Barrera, Priscilla Toro Rivera

**Consultant** (if applicable): Behar Ybarra & Associates LLC

**Direct Comments to:** Puerto Rico Department of Housing at  
[comentariosambiental@vivienda.pr.gov](mailto:comentariosambiental@vivienda.pr.gov)

**Project Location:** Calle Willie Rosario 2, Coamo PR, 00769  
Coordinates: 18.079597, -66.357744  
Parcel cadastral: 345-033-045-14-001

**Description of the Proposed Project** [24 CFR 50.21 & 58.32]:

The subject property is a commercial building located in Coamo, PR serving as a pharmacy. The project is located at Calle Willie Rosario 2, Coamo PR, 00769, Latitude: 18.079597, Longitude: -66.357744. A Site Map is included in Figure 1 in Appendix 1, illustrating the location of the building. The area is characterized by being urban, near family residences and commercial buildings. The nearest road with access to the building is PR-150.

A field visit was conducted on March 13, 2025, to document existing conditions of the project site. The Field Visit Report is included in Appendix 2. The project scope includes the installation of a photovoltaic (solar) panel system on the existing commercial building’s roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure, with all improvements limited to the roof, floors, and walls of the existing structure. The proposed system includes 46 Solar Panels (400 Watts) and two Tesla Powerwall batteries. The system will be interconnected with the LUMA Energy distribution network under the Net Metering Program. The proposed project Scope of Work quote is included in Appendix 3.

**Level of Environmental Review Determination:**

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5: 58.35(a) [3(iii)]. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.

**Funding Information**

<b>Grant Number</b>	<b>HUD Program</b>	<b>Funding Amount</b>
B-18-DE-72-0001	Community Development Block Grant (CDBG-DR): Electrical Power Reliability and Resilience Program (ER2) (Energy Support Incentive Program 2.0 Set-Aside)	Energy Support Incentive Program 2.0 Set-Aside - \$30,000,000 set aside from ER2 Total – <b>\$1,316,406,180.00.</b>

**Estimated Total HUD Funded Amount:** \$33,940.20

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$56,567.00

**Privately funded by the applicant:** \$22,626.80

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

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

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 &amp; 58.6</b>		
<b>Airport Hazards</b>  24 CFR Part 51 Subpart D	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The site is located 73,212 feet from the nearest civil airport, Mercedita International Airport in Ponce and 176,124 feet from the nearest military airport, Luis Muñoz Marín International Airport in San Juan. This topic is in compliance with HUD’s Airport Hazard Regulations without further evaluation.  Refer to Airports Map Zone, Figure 2 included in Appendix 1.
<b>Coastal Barrier Resources</b>  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"/>	This project is not located in a CBRS Unit. The project is located 40,217 feet north of the nearest Coastal Barrier Resource System, PR-49P. Therefore, this project has no potential to impact on a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.  Refer to Coastal Barrier Resource System Map, Figure 3 included in Appendix 1.
<b>Flood Insurance</b>  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"/>	As per FEMA's FIRM Panel 72000C1705H, effective April 19, 2005, this project is located within Zone X. The project does not require flood insurance or is excepted from flood insurance. The project is in compliance with the Flood Insurance section without further evaluation.  Refer to Flood Insurance Rate Map, Figure 4 included in Appendix 1.

**STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5**

<p><b>Clean Air</b></p> <p>Clean Air Act, as amended, particularly section 176(c) &amp; (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project is not located in a non-attainment municipality. This project includes the installation of a photovoltaic (solar) panel system on the existing commercial building's roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure located in the Municipio of Coamo. The project activities do not create new sources of air pollution. As described, the project does not involve new construction or a change in land use to facilitate the development of public, commercial, or industrial facilities, nor does it involve five or more dwelling units. Accordingly, under HUD's environmental review procedures, the project is presumed to result in emissions below de minimis levels and is considered compliant with the Clean Air Act (CAA).</p> <p>The project is located 25,175 feet from the nearest Non-attainment area. The proposed project activities will not create new air emission generator sources. Furthermore, under Puerto Rico's air quality regulations, the project meets the exemption criteria outlined in Rule 206 of the RCAP (1995), Regulation No. 5300, and is therefore in compliance with the Clean Air Act and all applicable federal, state, and local air quality standards. The installation and operation of this project will have no impact and is in compliance with the Clean Air Act without further evaluation.</p> <p>See attached published list of Puerto Rico Nonattainment/Maintenance Status for each country by year for all criteria pollutants in Appendix 4.</p> <p>Refer to Clean Air Map, Figure 5 included in Appendix 1.</p>
<p><b>Coastal Zone Management</b></p> <p>Coastal Zone Management Act, sections 307(c) &amp; (d)</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project is located 34,805 feet from the nearest Coastal Zone Management Area and does not affect a Coastal Zone as defined in the state Coastal Management Plan. The</p>

		<p>project is in compliance with the Coastal Zone Management Act.</p> <p>Refer to CZMA map, Figure 6 included in Appendix 1.</p>
<p><b>Contamination and Toxic Substances</b></p> <p>24 CFR Part 50.3(i) &amp; 58.5(i)(2)</p>	<p>Yes    No</p> <p><input checked="" type="checkbox"/>    <input type="checkbox"/></p>	<p>This project includes the installation of a photovoltaic (solar) panel system on the existing commercial building’s roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure. The project site was evaluated for potential contamination by conducting a field inspection on March 13, 2025, to identify any onsite hazards including, but not limited to, soil staining, above ground storage tanks, signs of underground storage tanks, odors, hazardous debris, potential contamination regarding lead-based paint or asbestos, etc. The site inspection did not identify any onsite hazards.</p> <p>In addition, a desktop review of USEPA databases, NEPAAssist, and other sources was conducted to determine if the project site was located near dump sites, junk yards, landfills, hazardous waste sites, or industrial sites, including USEPA National Priorities List Sites (Superfund sites), CERCLA or state equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up action and/or further investigation. The desktop review finds nine sites within 3,000 feet of the project area. Nine sites are registered as RCRA facilities with no violation identified and one of them is also registered as NPDES facility.</p> <p><i>PRASA Coamo Urano</i> facility has no violations identified. However, has a “Resolved – Pending” in the Quarterly Noncompliance Report History for: Discharge Without or In Violation of A 404 Permit, Failure to Report Information as Required, Sanitary Sewer Overflows, Violation of a Previously Issued AO, Violations of Reporting Requirements. In this case, a lawsuit (Case No. 02-2011-0007) was issued to the Puerto Rico Aqueduct and</p>

Sewer Authority (PRASA) and the total Compliance Action is \$1,230,000,000.

PRASA owns and operates an immense number of facilities due to the topography of the island and the number of isolated communities that are scattered throughout Puerto Rico. PRASA operates many more treatment facilities than mainland utilities that serve a similar number of customers, which has made operation and maintenance unsustainably complex and expensive. In addition, as PRASA is a public corporation of Puerto Rico, the Commonwealth joined in this action pursuant to Section 309(e) of the Act. On March 22, 2024, the court in the District of Puerto Rico issued an order granting the Motion to Approve the First Modification of the Consent Decree, which was filed with the court on February 7, 2024. The revised version of the Consent Decree Modification was originally lodged by DOJ in June 2023. The Modification grants PRASA additional time to complete certain CWA infrastructure projects (due to recent natural disasters and PRASA's financial circumstances), adds several additional projects (estimated to cost \$534 million), and makes certain improvements to the Consent Decree. It also includes several provisions designed to increase transparency and accountability, whereby PRASA will post relevant financial and operational information on its website, such as its budget, debt service coverage ratio, annual financial report, as well as semi-annual information concerning the location and status of sewage overflows.

Therefore, any potential contamination that may be associated with the reported noncompliance from this facility will not have the potential or likelihood of reaching the project site nor affect the health and safety of the end users of the project.

The sites within 3,000 feet of the project area are:

- FRANCISCO SANCHEZ SS, REGISTRY ID: 110006434055, JOSE I QUINTON 135 – RCRA – INACTIVE, 895 feet
- MUNICIPIO DE COAMO ESCUELA DE BELLAS ARTES, REGISTRY ID: 110044306444, 73 JOSE I QUINTON ST – RCRA – INACTIVE, 1,056 feet
- MUNICIPIO DE COAMO TEATRO HOLLYWOOD, REGISTRY ID: 110044306453, 6 BALDORIOTY ST – RCRA – INACTIVE, 435 feet
- NEW YORK DRY CLEANER, REGISTRY ID: 110014362144, 19 JOSE I QUINTO – RCRA – INACTIVE, 666 feet
- PAINT PRO, REGISTRY ID: 110043650607, 132 JOSE I QUINTON ST – RCRA – INACTIVE, 1,912 feet
- PAINT PRO INC, REGISTRY ID: 110070595515, CALLE JOSE A QUINTON #132 – RCRA – ACTIVE, 1,919 feet
- PRASA COAMO URANO, REGISTRY ID: 110009700314, PR-155 HM 1 – RCRA – INACTIVE, NPDES – ACTIVE, 2,685 feet
- SHELL CO PR SS 3646 COOP LA CANDELARIA, REGISTRY ID: 110007819156, PR-14 KM 32.5 – RCRA – INACTIVE, 2,576 feet
- TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 215642, REGISTRY ID: 110042424132, 95 CALLE JOSE QUINTON – RCRA – ACTIVE, 1,450 feet

Refer to the ECHO Reports included in Appendix 5.

The lead-based paint review is subject to the Lead Safe Housing Rule (LSHR) under 24 CFR Part 35, the EPA’s Renovation, Repair and Painting (RRP) Rule under 40 CFR Part

745 Subpart E, and Puerto Rico DNER Regulation 9098. A lead-based paint inspection and/or risk assessment is not required if the building was constructed after January 1, 1978. The subject property was built in circa 1950; therefore, it is required to perform a screen for lead-based paint prior to starting the work.

- The work must be performed by RRP Certified Renovation Firm.
- At least one RRP-Certified Renovator must be at the job site or available when work is being done.
- Workers at the job site must receive on-the-job training from the Certified Renovator.
- Lead Safe Work Practices are recommended if paint disturbance is "di minimis".
- Lead Safe Work Practices are required if paint disturbance exceeds "di minimis" but not EPA's minor repair and maintenance threshold.
- Property Risk Assessment and abatement of all lead-based paint hazards are required prior to commencing work if paint disturbance is significant.

The proposed activities are minor in scope and involve limited surface penetration (e.g., drilling to mount equipment). They do not include demolition or renovation activities that would disturb significant quantities of ACM. The systems being installed have been consistently evaluated as non-invasive and do not trigger permitting thresholds under NESHAP.

While minimal dust or particulate emissions may result from surface drilling, these emissions are expected to remain well below de minimis thresholds and do not result in the release of regulated asbestos fibers.

Additionally, the program does not include new construction or land conversion.

Under Puerto Rico's air quality regulations, these activities qualify for permitting exemptions under Rule 206 of the Regulation for the Control of Atmospheric Pollution (RCAP), Regulation No. 5300, confirming compliance with the Clean Air Act and all applicable federal, state, and local air quality standards.

The Energy Support Incentive Program 2.0 – Set-Aside Program, funded through CDBG-DR, does not involve construction activities that would require a building or use permit. According to Planning Board Joint Regulation 9473, approved on June 16, 2023, Section 9.4.1.3.a.1 states: "Photovoltaic solar installations that are installed on the roofs of structures and whose capacity is up to one megawatt do not require a construction or use permit. Nor will a building permit be required for systems up to one hundred kilowatts above ground."

As such, the proposed activities do not trigger construction permit requirements and do not involve regulated asbestos disturbance. No renovation or demolition activities that would exceed ACM thresholds are included in the program.

On January 11, 2024, HUD issued Notice CPD-23-103, Departmental Policy for Addressing Radon in the Environmental Review Process, which requires the Responsible Entity (RE) to consider radon as part of the site contamination analysis for projects subject to HUD's contamination regulations at 24 CFR 58.5(i), unless the project qualifies for an exemption. According to the notice, radon must be addressed in environmental reviews for projects involving structures that are or will be occupied for at least four (4) hours per day. The eligible business activities under the Energy Support Incentive Program 2.0 – Set-Aside Program are expected to meet this occupancy threshold

and thus would typically require radon consideration as part of the environmental review. However, there is currently no large-scale dataset available for Puerto Rico that meets HUD's standards for determining radon hazard levels. On March 6, 2024, the Puerto Rico Department of Housing (PRDOH) formally consulted with HUD to document the absence of reliable scientific data and to explain that radon testing in Puerto Rico would be impractical and infeasible. This determination was based on prior research efforts that lacked adequate laboratory support, making it difficult to obtain accurate or consistent results.

Additionally, there is a limited number of trained radon testing professionals on the island, which presents another barrier to compliance with HUD's testing requirements. In response, on May 15, 2024, HUD requested that PRDOH consult with relevant agencies—including the Environmental Protection Agency (EPA), United States Geological Survey (USGS), University of Puerto Rico – Mayagüez Campus, and the Puerto Rico Department of Natural and Environmental Resources (DNER)—to further document the lack of scientific data, as outlined in Section III.C. of Notice CPD-23-103. On August 20, 2024, PRDOH conducted formal consultations with the above-mentioned agencies and submitted information requests to state and federal entities. Responses were received from the following: United States Geological Survey (USGS); Centers for Disease Control and Prevention (CDC); Puerto Rico Department of Health; United States Environmental Protection Agency (EPA).

All responding agencies confirmed the absence of reliable, large-scale radon data for Puerto Rico and acknowledged the technical and logistical challenges associated with radon testing on the island. Based on these consultations and findings, radon testing is deemed infeasible and impracticable for the

		<p>Energy Support Incentive Program 2.0 – Set-Aside Program. Therefore, no further consideration or evaluation of radon is required as part of the environmental review, in accordance with HUD Notice CPD-23-103. Supporting documentation is provided in Appendix 5. In conclusion, after reviewing the program in the context of the site contamination analysis requirements under 24 CFR 58.5(i), PRDOH has determined that radon testing is impractical and infeasible, and no further evaluation is required for radon.</p> <p>The project is in compliance with Contamination and Toxic Substances requirements.</p> <p>Refer to Contamination and Toxic Substances, Figure 7 included in Appendix 1.</p>
<p><b>Endangered Species</b></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>After reviewing data from the United States Fish and Wildlife Service (USFWS) Information and Planning Consultation (IPaC), the Puerto Rican boa (<i>Chilabothrus inornatus</i>) could be found in the project area. The scope of work includes the installation of a photovoltaic (solar) panel system on the existing commercial building’s roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure. Since the work to be carried out is limited to the roof and wall of the structure, it does not involve any type of ground disturbance or removal of vegetation. The nature of the project, scope of work, information available, a careful analysis of the IpaC, the Caribbean Dkey in the US Fish and Wildlife Service’s online IPaC application, and the observations during the field visit on March 13, 2025, were used to evaluate the potential impacts to federally listed species from this project. Based on the answers provided, a consistency letter was obtained for the Puerto Rican boa which determined that the proposed actions for this project would have “No Effect” (NE) for this species.</p>

		<p>The nearest Critical Habitat is 57,114 feet from the project site. Agency consultation was submitted on May 1, 2025, and response was received on May 13, 2025. The project is in compliance with the Endangered Species Act of 1973.</p> <p>If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask them to relocate the Boa. As established by the USFWS Puerto Rican Boa Conservation Measures Guideline. <a href="https://ipac.ecosphere.fws.gov/guideline/desi/gn/population/156/office/41430.pdf">https://ipac.ecosphere.fws.gov/guideline/desi/gn/population/156/office/41430.pdf</a></p> <p>Refer to Threatened and Endangered Species Map, Figure 8 included in Appendix 1.</p> <p>See USFWS “No Effect” Memo and supporting documentation in Appendix 6.</p>
<p><b>Explosive and Flammable Hazards</b></p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes    No  <input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>This project includes the installation of a photovoltaic (solar) panel system on the existing commercial building’s roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure and will not result in increased densities, conversion to residential uses, or making a vacant building habitable.</p> <p>The project itself is not the development of a hazardous facility, nor will the project increase residential densities or result in land conversion. The project is in compliance with HUD Explosive and Flammable Hazards.</p>
<p><b>Farmlands Protection</b></p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes    No  <input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>This project does not include any activities that could potentially convert agricultural land to non-agricultural use. The project is in a designated area as not prime farmland. The project is in compliance with the Farmland Protection Policy Act.</p> <p>Refer to Farmland Protection Map, Figure 9 included in Appendix 1.</p>

<p><b>Floodplain Management</b></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>PFIRMs in Puerto Rico was only developed for certain sections of the municipalities of Carolina, Canovanas, Loiza, San Juan, Trujillo Alto and Rio Grande. The proposed project is located in the municipality of Coamo. Therefore, PFIRM information is not available for the area and considered in the review.</p> <p>As per the FEMA Advisory Based Flood Elevation Maps (ABFE), the project site is located within Zone X (area of minimal flood hazard). As the project site is not located within the FEMA-designated Special Flood Hazard Areas for the 1 percent (100-year) or 0.2 percent (500-year) flood zones, it is not classified as being within the floodplain. The project is in compliance with the HUD Floodplain Management Regulations and the Executive Order 11988.</p> <p>Refer to Preliminary FIRM Figure 4-A and Advisory Base Flood Elevation Map, Figure 10 included in Appendix 1.</p>
<p><b>Historic Preservation</b></p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes    No</p> <p><input checked="" type="checkbox"/>    <input type="checkbox"/></p>	<p>The State Historic Preservation Office reviewed the proposed project location in accordance with 54 U.S.C. 306108 (commonly known as Section 106 of the National Historic Preservation Act) and 36 CFR Part 800: Protection of Historic Properties. Documentation with photographs and maps was subsequently submitted to SHPO (attached Appendix 7). The property is located within the Coamo Traditional Urban Center. In response from PR SHPO dated September 16, 2025, SHPO concurred with a finding of “<i>No Adverse Effect</i>” upon historic properties, conditioned that, when installed, the PVS/BSS shall remain not visible or will be minimally visible from the street to be consistent with the related Secretary of the Interior's Standards, Guidelines, and Technical Briefs.</p> <p>Therefore, this activity is in compliance with the National Historic Preservation Act.</p>

		Refer to Historic Preservation Map, Figure 11 included in Appendix 1.
<p><b>Noise Abatement and Control</b></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>This project includes the installation of a photovoltaic (solar) panel system on the existing commercial building's roof and appurtenant storage system (batteries) in the interior, on the left-side wall of structure. The project does not include new construction for residential use or rehabilitation of an existing residential property. The site is urban developed and there will be no impact to or from the surrounding area from a noise perspective. This topic is in compliance with Noise abatement and Control without further evaluation.</p> <p>Refer to Noise Abatement and Control Map, Figure 12 included in Appendix 1.</p>
<p><b>Sole Source Aquifers</b></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>According to the USEPA's Source Water Protection, Sole Source Aquifer Protection Program, there are no sole source aquifers in Puerto Rico. Therefore, the proposed project site is not located within a sole source aquifer, nor will it directly or indirectly impact one. Therefore, the project is in compliance with the Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 C.F.R. Part 149 without further evaluation.</p> <p>Refer to Sole Source Aquifer Map, Figure 13 included in Appendix 1.</p>
<p><b>Wetlands Protection</b></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>The project does not involve new constructions and/or activities that may have a direct or indirect adverse impact on any on site wetlands, there are no wetlands within or in the vicinity of the project area. The closest wetland is located 1,277 feet from the Project Site. The project does not have the potential to impact wetlands. The project is in compliance with E.O. 11990.</p> <p>Refer to Wetlands Map, Figure 14 included in Appendix 1.</p>
<p><b>Wild and Scenic Rivers</b></p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of the NWSRS river. The project is located 207,096 feet from the nearest Wild and Scenic River</p>

Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)		(De la Mina River). The project is in compliance with the Wild and Scenic Rivers Act.  Refer to Wild and Scenic Rivers Map, Figure 15 included in Appendix 1.
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**Field Inspection:** March 13, 2025, by Egon Gonzalez and Patricia Carmenatty.

**Summary of Findings and Conclusions:** The proposed activity has been found to not have any adverse effects on the environment nor is there a requirement for further consultation with any agency. There is no environmental review topics addressed that result in the need for formal compliance steps or the requirement for mitigation.

**Mitigation Measures and Conditions**

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
<p><b>Contamination and Toxic Substances</b> 24 CFR Part 50.3(i) &amp; 58.5(i)(2)</p>	<p>The subject property was built circa 1950; therefore, it is required to perform a screen for lead-based paint prior to starting the work.</p> <ul style="list-style-type: none"> <li>• The work must be performed by RRP Certified Renovation Firm.</li> <li>• At least one RRP-Certified Renovator must be at the job site or available when work is being done.</li> <li>• Workers at the job site must receive on-the-job training from the Certified Renovator.</li> <li>• Lead Safe Work Practices are recommended if paint disturbance is "di minimis".</li> <li>• Lead Safe Work Practices are required if paint disturbance exceeds "di minimis" but not EPA's minor repair and maintenance threshold.</li> <li>• Property Risk Assessment and abatement of all lead-based paint hazards is required prior to commencing work if paint disturbance is significant.</li> </ul>
<p><b>Historic Preservation</b></p>	<p>When installed, the PVS/BSS shall remain not visible or will be minimally visible from the street to be consistent</p>

National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	with the related Secretary of the Interior's Standards, Guidelines, and Technical Briefs.

**Determination:**

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

Preparer Signature: 

Date: 9/23/2025

Name/Title/Organization: Patricia Carmenatty Santiago  
Environmental Specialist,  
Behar Ybarra & Associates LLC

Responsible Entity Agency Official Signature:

Date: 10/7/2025

Name/Title: Janette I. Cambrelén, Permit and Environmental Compliance Specialist

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

## Appendices

**List of Appendices**

<b>Appendix Number</b>	<b>Appendix Description</b>
1	Figures
2	Field Visit Report
3	Scope of Work Quote
4	EPA's published Summary of Nonattainment Area Population Exposure 1 Report. This is a summary of the 2010 population living in an area that is in nonattainment for at least one of the National Ambient Air Quality Standards (NAAQS). EPA's Published Status of Puerto Rico Designated Areas. This is a summary of Puerto Rico's designated areas by NAAQS and year
5	RADON - Memorandum to File and Supporting documentation, and ECHO Reports
6	USFWS "No Effect" Memo and supporting documentation
7	Section 106 Consultation Package

## Appendix 1: Figures

**List of Figures**

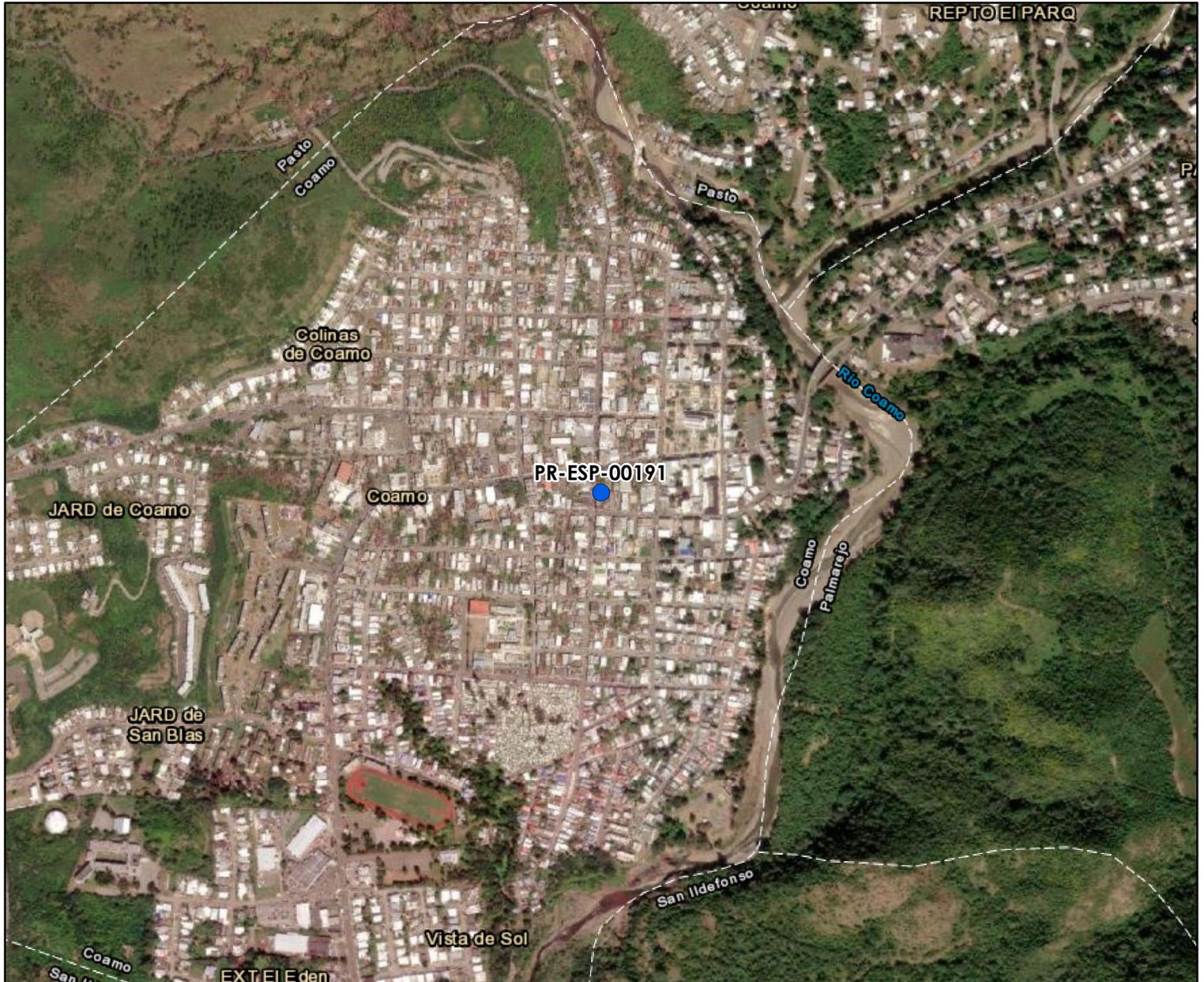
<b>Figure Number</b>	<b>Appendix 1 Description</b>
1	Location: Aerial Map
2	Airports Map
3	Coastal Barrier Resource System Map
4	Flood Insurance Rate Map
4-A	Preliminary Flood Insurance Rate Map
5	Clean Air Map
6	Coastal Zone Management Map
7	Toxic and Hazardous Facilities Map
8	Threatened and Endangered Species Map
9	Farmland Protection Map
10	Advisory Base Flood Elevation Map
11	Historic Preservation Map
12	Noise Abatement and Control Map
13	Sole Source Aquifer
14	Wetlands Map
15	Wild and Scenic Rivers Map

Figure 1

# Location: Aerial Map

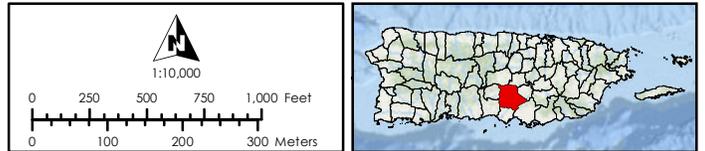
Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
Calle Willie Rosario 2,  
Coamo PR 00769  
Catastro: 345-033-045-14-001  
Lat: 18.079597, Lon: -66.357744



## Legend:

- PR-ESP-00191

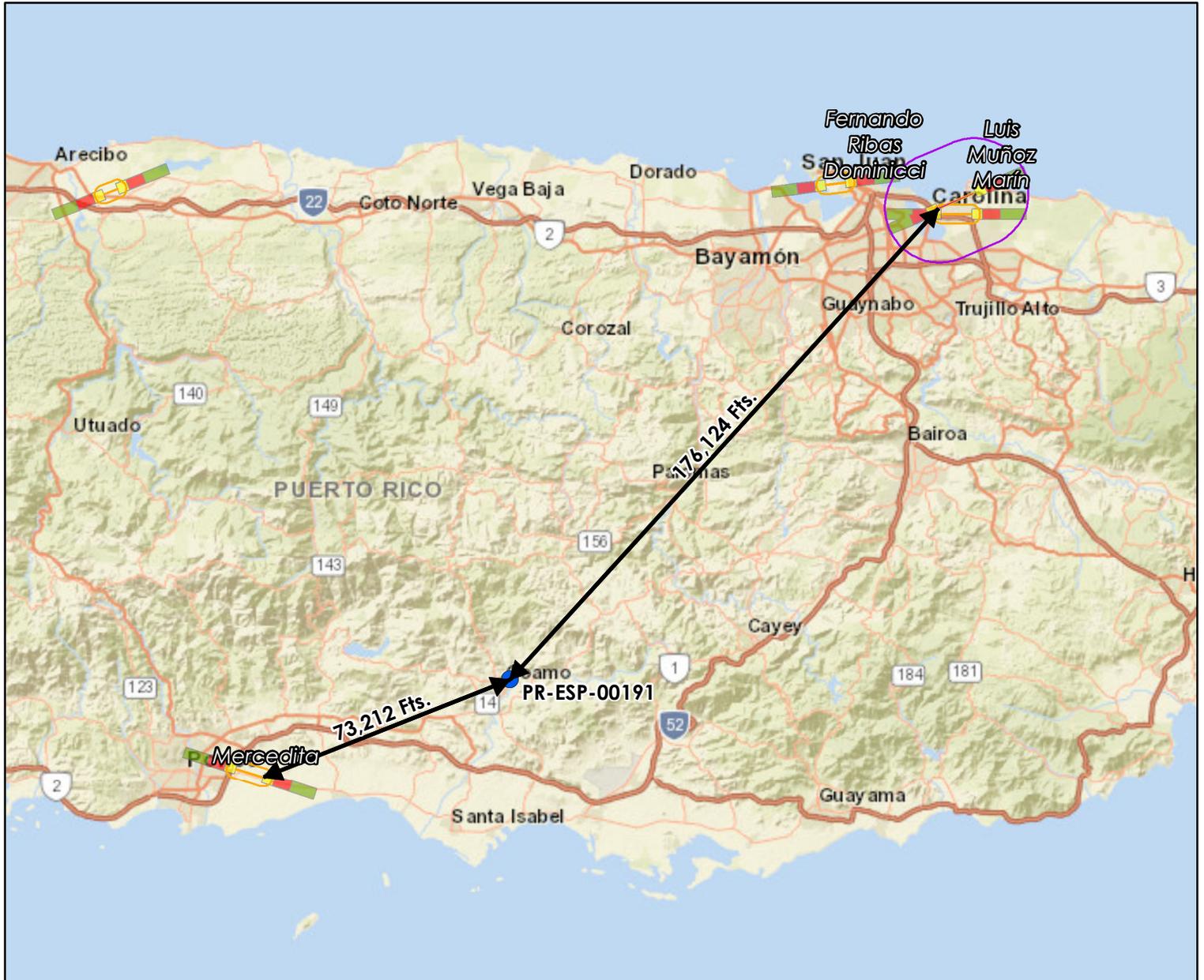


Service Layer Credits:  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
Centro de Recaudación de Ingresos Municipales (CRIM)  
<https://catastro.crimpr.net/cdprpc/>

Figure 2  
**Airports Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744

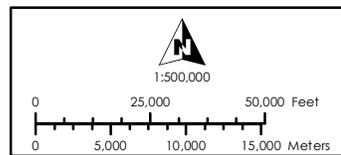


**Legend:**

- PR-ESP-00191
- SJU Military Runaway
- SJU Civil Runaway
- Military Airport Buffer (15,000 Fts.)
- Civil Airport Buffer (2,500 Fts.)

**Accident Potential Zone**

- APZ 1
- APZ 2
- Clear Zone

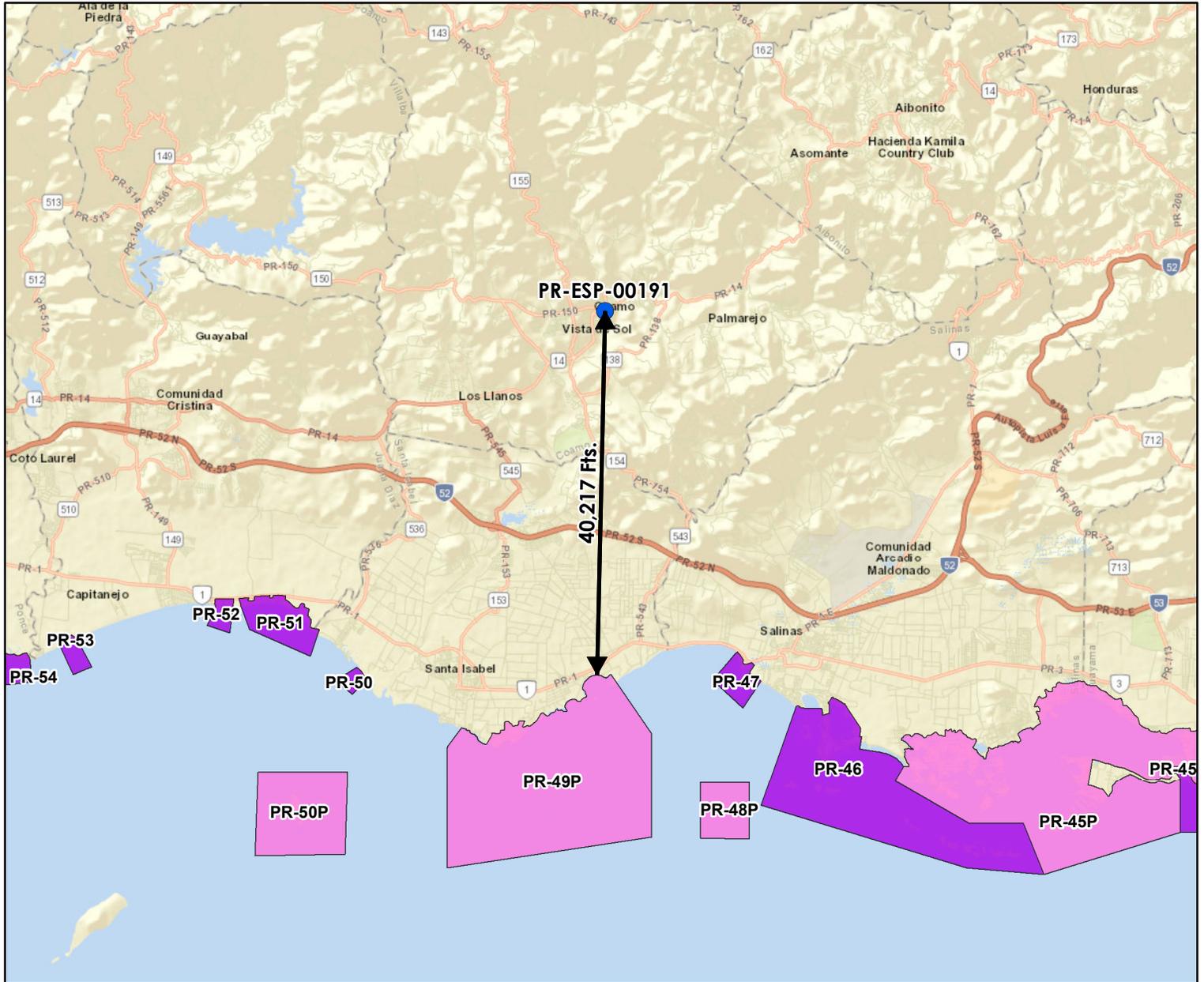


Service Layer Credits:  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 Federal Aviation Administration (FAA)  
<https://adds-faa.opendata.arcgis.com/>  
 The Environmental Protection Agency  
<https://www.epa.gov/nepa/nepassist>

# Figure 3 Coastal Barrier Resource System Map Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191

**Coastal Barrier Resources System**

- Otherwise Protected Area
- System Unit

1:200,000

**Service Layer Credits:**  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

**Source:**  
 U.S. Fish and Wildlife Service (FWS)  
<https://www.fws.gov/program/coastal-barrier-resources-act>

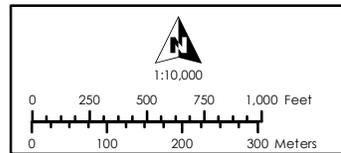
Figure 4  
**Flood Insurance Rate Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- FIRM Panel
- Floodway
- 0.2% Annual Chance Flood Hazard
- Zone D Area of Undetermined Flood Hazard
- Zone A
- Zone AE
- Zone AH
- Zone AO
- Zone VE
- Zone X

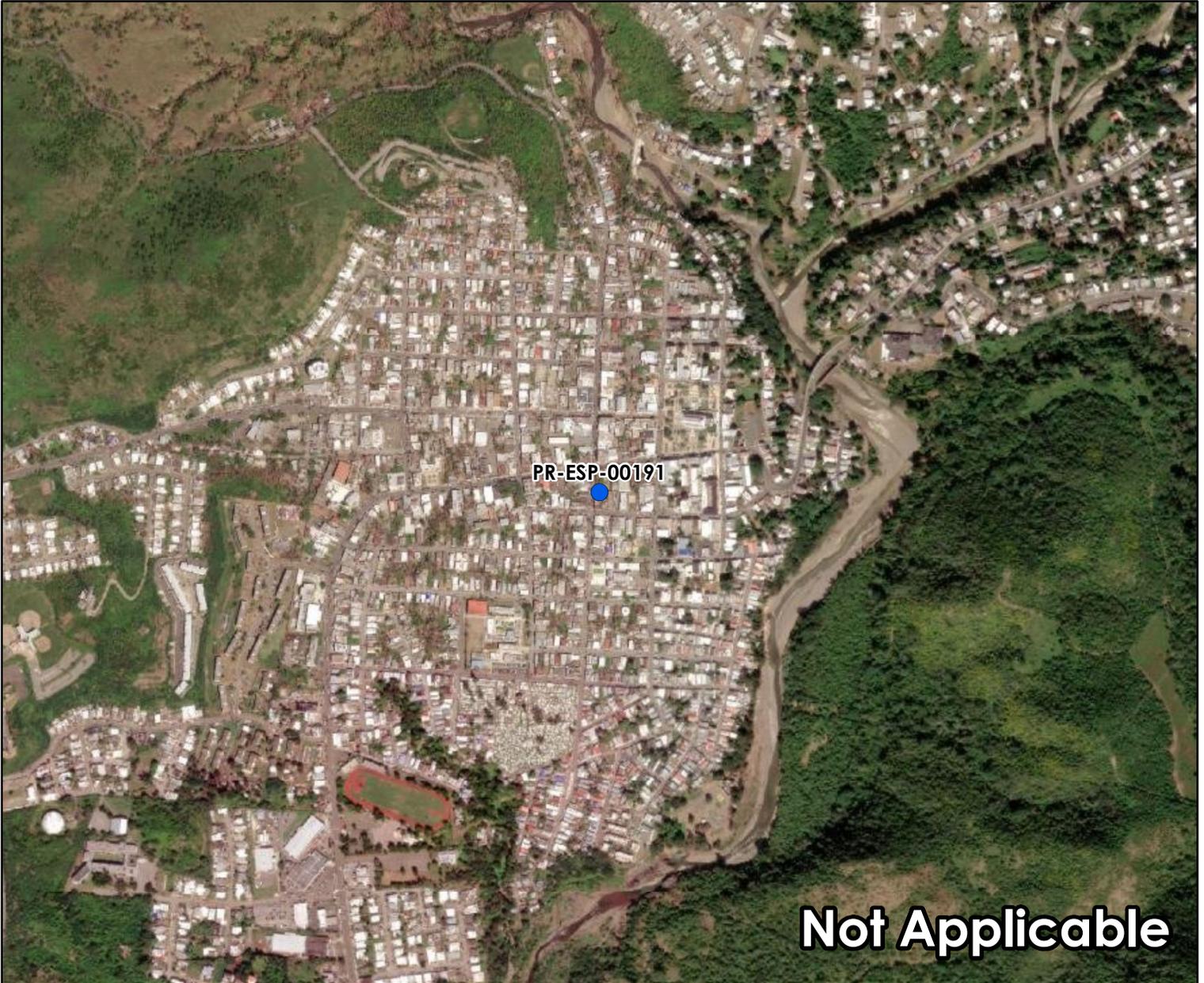


Service Layer Credits:  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 Federal Emergency Management Agency (FEMA)  
<https://msc.fema.gov/portal/home>

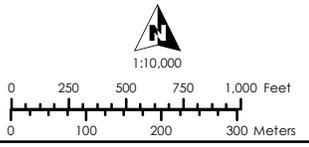
Figure 4-A  
**Preliminary Flood Insurance Rate Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

 PR-ESP-00191	 Zone A
 Preliminary FIRM Panel	 Zone AE
 Floodway	 Zone AH
 Profile Baseline	 Zone AO
 Base Flood Elevation (m)	 Zone VE
 0.2% Annual Chance Flood Hazard (Zone X)	 Zone X



1:10,000  
 0 250 500 750 1,000 Feet  
 0 100 200 300 Meters

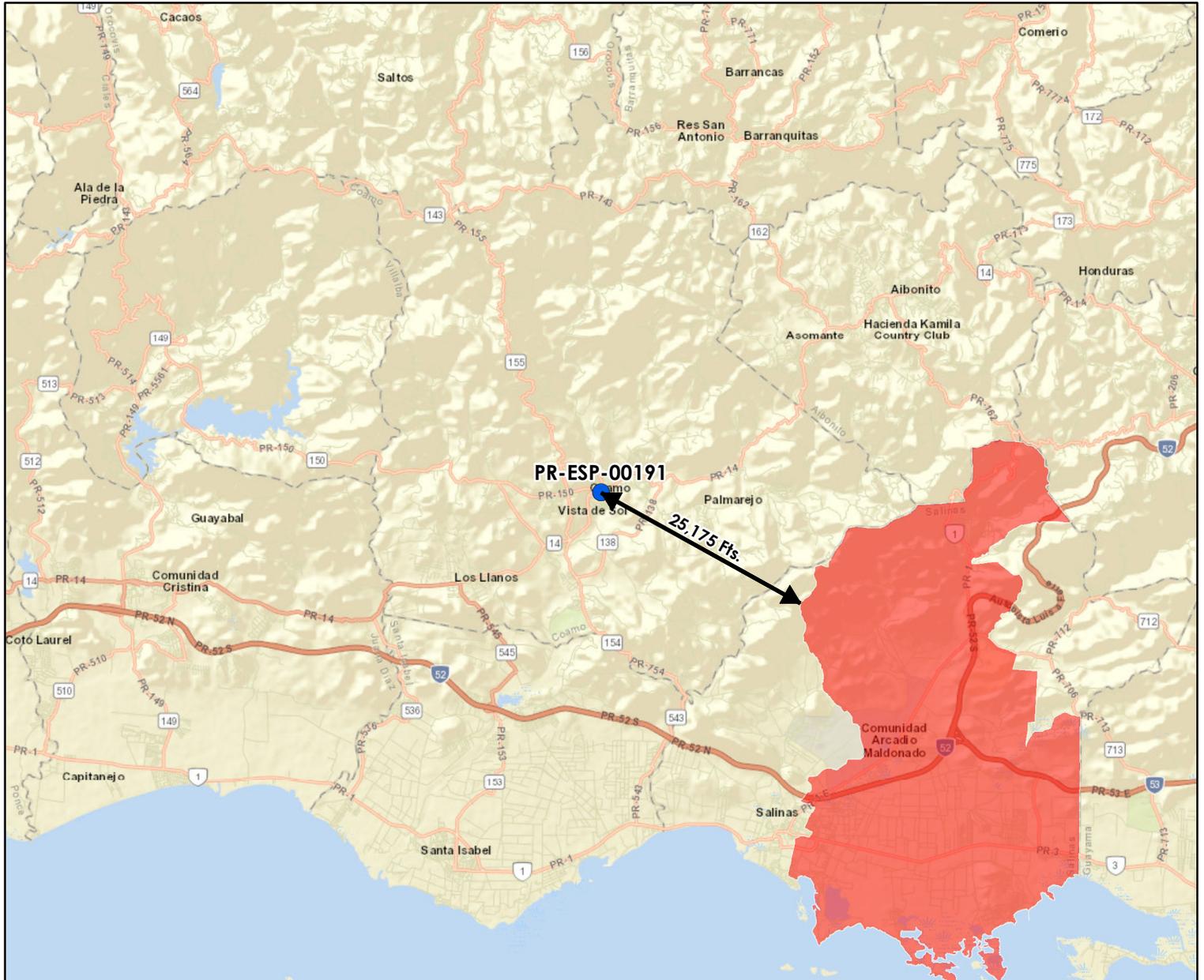


Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 Federal Emergency Management Agency (FEMA)  
<https://msc.fema.gov/portal/home>

Figure 5  
**Clean Air Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Clean Air Areas - SO2
- Clean Air Areas - Lead

1:200,000

**Service Layer Credits:**  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

**Source:**  
 U.S. Geological Survey (USGS)  
<https://pubs.er.usgs.gov>

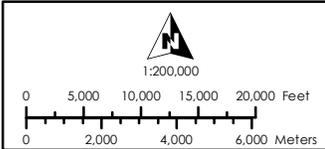
Figure 6  
**Coastal Zone Management Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Coastal Zone Management Act Boundary



Service Layer Credits:  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 NOAA Office for Coastal Management (NOAA/OCM)  
<https://www.fisheries.noaa.gov/inport/item/53132>

Figure 7  
**Toxic and Hazardous Facilities Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

	PR-ESP-00191		NPDES - Major
	Buffer (500 Fts.)		RADINFO
	Buffer (3,000 Fts.)		RCRA
	AIR		RCRA - Active
	NPDES		RCRA - Inactive
			TRI

1:12,000

0 250 500 750 1,000 1,250 Feet

0 100 200 300 400 Meters

Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 EPA Facility Registry Service (FRS)  
<https://www.epa.gov/frs>

Figure 8  
**Threatened and Endangered Species Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Critical Habitat

1:200,000  
 0 10,000 20,000 Feet  
 0 2,000 4,000 6,000 Meters

Service Layer Credits:  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 NOAA Office of Response and Restoration  
<https://response.restoration.noaa.gov/>

Figure 9

# Farmland Protection

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,

Coamo PR 00769

Catastro: 345-033-045-14-001

Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191

**Farm Class**

- Farmland of statewide importance
- Not prime farmland
- Prime farmland if irrigated

Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

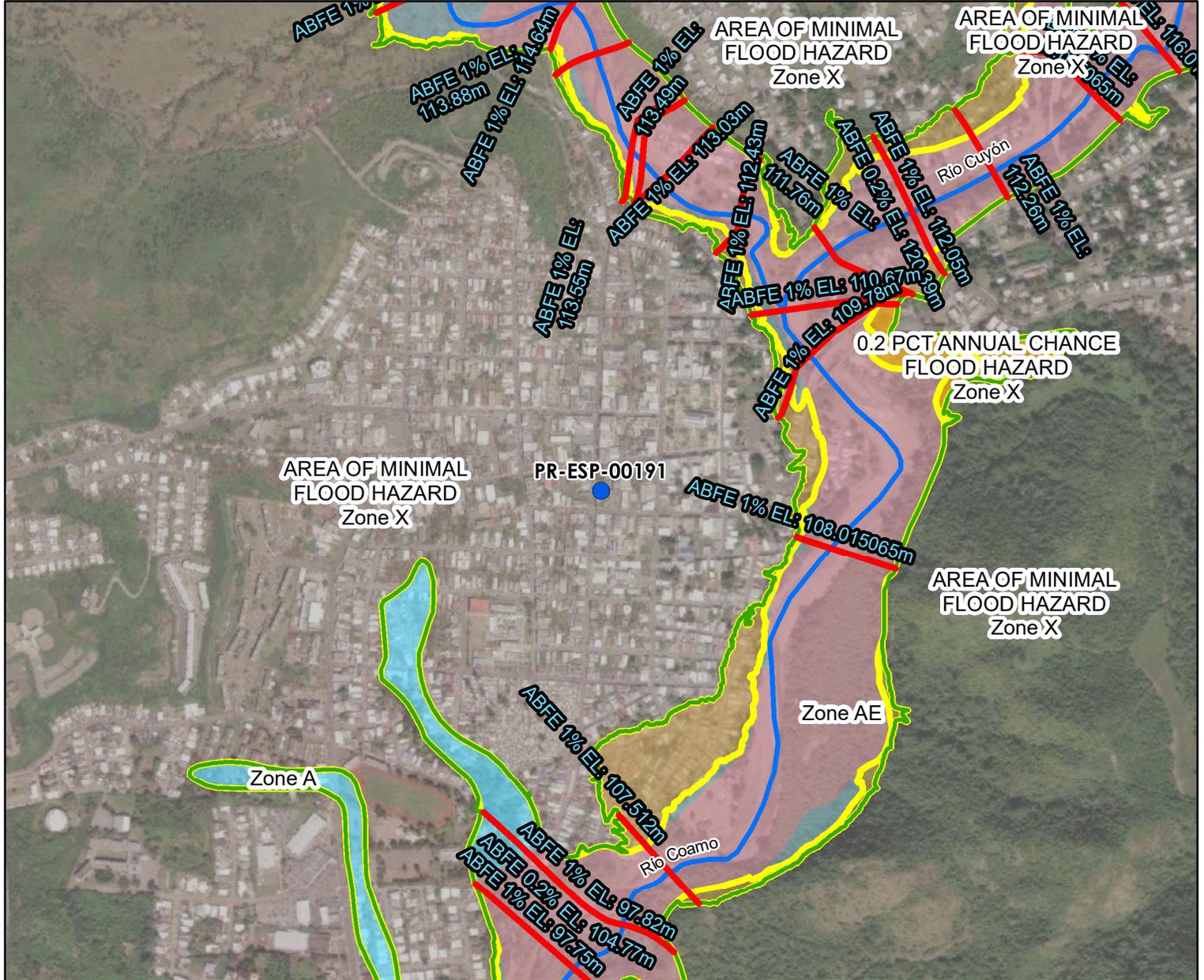
Source:  
 Underground Storage Tanks (USTs)  
<https://www.epa.gov/ust>

Figure 10

# Advisory Base Flood Elevation Map

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Area Potential Effect (Building Footprint)
- CRIM-Parcel
- Advisory Base Flood Elevations (ABFE)
- 0.2 % Annual Chance Flood
- 1 % Annual Chance Flood

Flood Zone	
<span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Zone A
<span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Zone AE
<span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Zone AO
<span style="background-color: purple; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Zone VE
<span style="background-color: gray; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Zone X - Area of Minimal Flood Hazard
<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	0.2 % Annual Chance Flood
<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	1 % Annual Chance Flood
<span style="background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	Floodway

1:10,000

0 250 500 750 1,000 Feet

0 100 200 300 Meters

**Service Layer Credits:**  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

**Source:**  
 Federal Emergency Management Agency (FEMA),  
<https://gis-r2-fema.hub.arcgis.com/>  
 Junta de Planificacion de Puerto Rico (JP), <https://maps.jp.pr.gov/>  
 Mapas de Niveles de Inundacion Base Recomendados

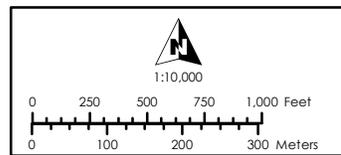
Figure 11  
**Historic Preservation Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

	PR-ESP-00191		Historic Centers
	Buffer (0.5 Mile)		Cultural Resource District
	Cultural Resource Building		Sensitive Archaeological Zones
	Cultural Resource Structure		Archaeological Resource Zones
	Cultural Resource Object		Historic Communities
	Cultural Resource Site		Traditional Urban Center



**Service Layer Credits:**  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

**Source:**  
 National Park Service (NPS) - National Register of Historic Places (NRHP)  
<https://www.nps.gov/subjects/nationalregister/index.htm>  
 State Historic Preservation Office (SHPO)  
<https://oech.pr.gov/Pages/default.aspx>

Figure 12

# Noise Abatement and Control Map

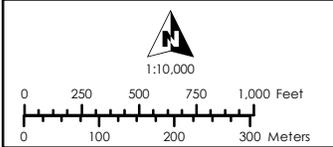
Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- University
- School
- Hospital
- Emergency Hospital



Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 U.S. Geological Survey (USGS)  
<https://pubs.er.usgs.gov/publication/ofr20201022>

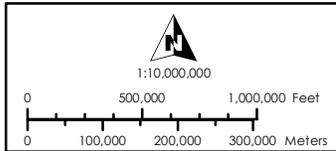
Figure 13  
**EPA Sole Source Aquifers**  
Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
Calle Willie Rosario 2,  
Coamo PR 00769  
Catastro: 345-033-045-14-001  
Lat: 18.079597, Lon: -66.357744



**Legend:**

-  PR-ESP-00191
-  EPA Sole Source Aquifers



Service Layer Credits:  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
U.S. Environmental Protection Agency  
<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>

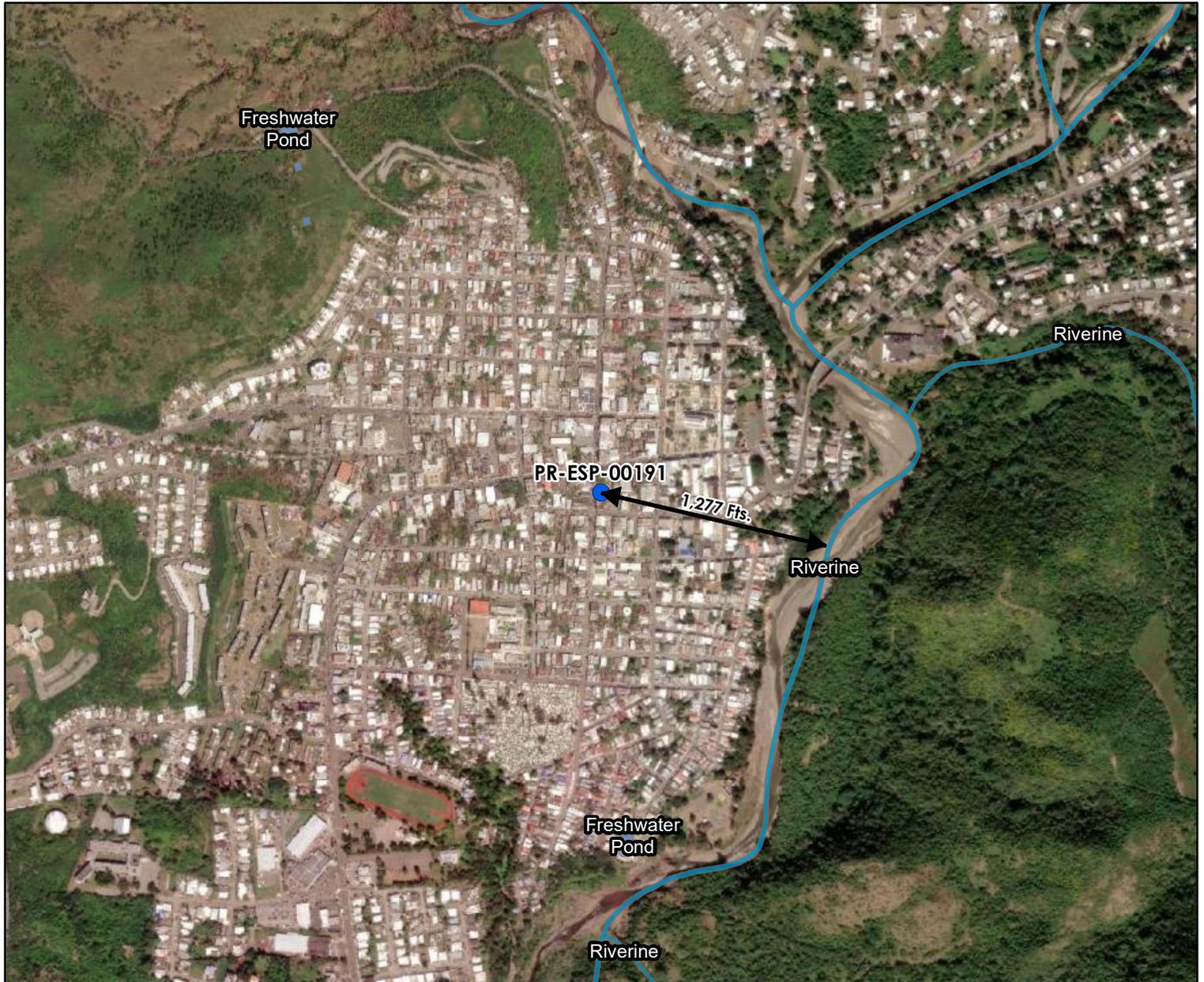
Figure 14

# Wetlands Map

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769

Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191

**National Wetlands Inventory**

<span style="display: inline-block; width: 20px; height: 10px; background-color: #008080; border: 1px solid black;"></span> Estuarine and Marine Deepwater	<span style="display: inline-block; width: 20px; height: 10px; background-color: #ADD8E6; border: 1px solid black;"></span> Freshwater Pond
<span style="display: inline-block; width: 20px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> Estuarine and Marine Wetland	<span style="display: inline-block; width: 20px; height: 10px; background-color: #4169E1; border: 1px solid black;"></span> Lake
<span style="display: inline-block; width: 20px; height: 10px; background-color: #9ACD32; border: 1px solid black;"></span> Freshwater Emergent Wetland	<span style="display: inline-block; width: 20px; height: 10px; background-color: #00CED1; border: 1px solid black;"></span> Riverine
<span style="display: inline-block; width: 20px; height: 10px; background-color: #228B22; border: 1px solid black;"></span> Freshwater Forested/Shrub Wetland	

1:10,000

0 250 500 750 1,000 Feet

0 100 200 300 Meters

Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 U.S. Fish and Wildlife Service - National Wetlands Inventory  
<https://www.fws.gov/program/national-wetlands-inventory>

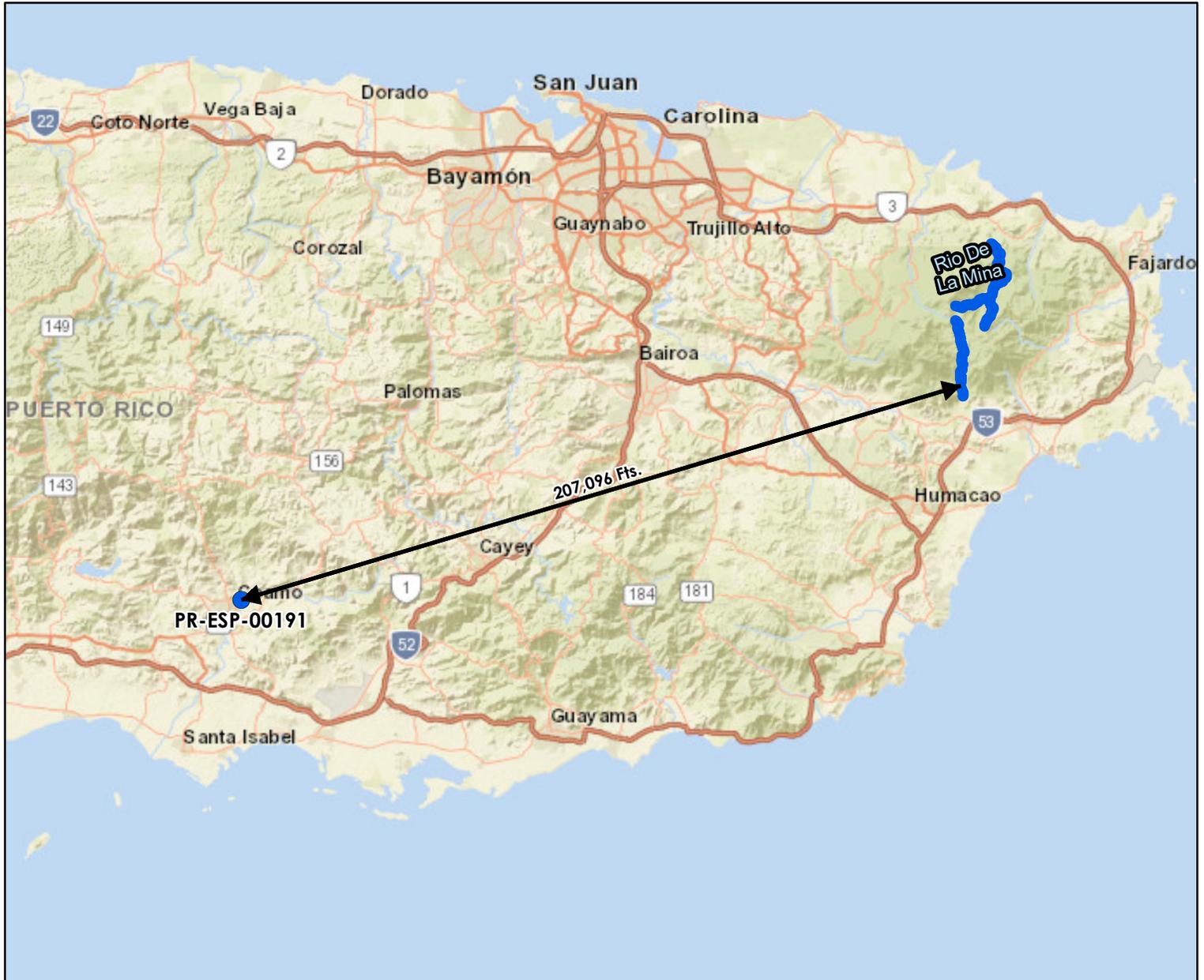
Figure 15

# Wild and Scenic Rivers Map

Electrical Power Reliability and Resilience Program (ER2)

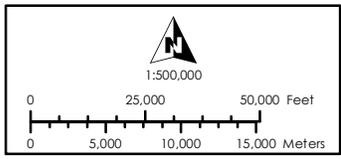
Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769

Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Wild and Scenic Rivers



Service Layer Credits:  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 U.S. Fish and Wildlife Service - National Wetlands Inventory  
<https://www.fws.gov/program/national-wetlands-inventory>

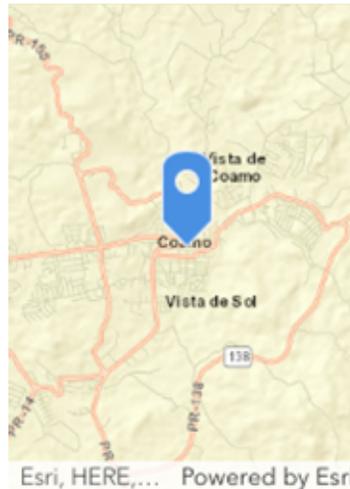
## **Appendix 2:** Field Visit Report



**Environmental Field Assessment Form - PR-ESP-00191**

**APPLICANT/LOCATION INFORMATION**

Applicant ID:	PR-ESP-00191
Applicant Name:	Pao's Pharmacy Inc
Parcel ID:	345-033-045-14-001
Coordinates:	18.079597, -66.357744
Street Address:	Calle Willie Rosario 2
Municipio:	Coamo
Zip Code:	00769
Site Inspector:	Egon Gonzalez
Date of Visit:	March 13, 2025
Time of Visit:	15:11
Year Built:	circa 1950



**Building Information**

Question	Answer	Notes
1. Location verified:	Yes	18.079597, -66.357744
2. Is the building correct on GIS?	Yes	Building is correct on GIS
3. Building Type:	Commercial	
4. # of Stories:	1	
5. Building Foundation:	Concrete Slab	
6. Is the building in use?	Yes	Building is in use
7. Does the building have a detached garage / carport present?	No	
8. Is the electricity connected?	Yes	Electricity is connected
9. Is the water connected?	Yes	Water is connected
10. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, electrical equipment etc.)	No	
11. Is a septic system present? If Yes report apparent condition.	No	
12. Are there any obvious signs of animals, birds nesting or burrows near the site?	No	



Parcel Conditions		
Question	Answer	Notes
1) Are there any 55-gallon drums visible on site? If yes, are they leaking?	No	
2) Are there any (or signs of any) underground storage tanks on the property?	No	
3) Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
4) Is there any stained soil or pavement on the parcel?	No	
5) Are there any potentially hazardous trees that could fall?	No	
6) Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
7) Is there distressed vegetation on the parcel?	No	
8) Are any additional environmental or non-environmental site hazards observed?	No	
9) Is there any permanent standing water, such as a pond or stream, located on the site(do not include ponding from recent rain / weather events)?	No	
10) Does the subject property have water frontage?	No	
11) Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/ area?	Yes	Structure appears to be located in historic district
12) Is a historic marker present?	No	
13) Based on the above finding, does additional information need to be obtained from the applicant to determine whether an environmental hazard is present?	No	

Building Environmental Conditions		
Question	Answer	Notes
1. Is there any visible evidence of asbestos, chipping, and flaking or peeling paint, or hazardous materials present in or on the structure?	No	
2. Is there any visible indication of mold?	No	
3. Are there any pungent, foul or noxious odors?	No	

Additional Needs Analysis		
Question	Answer	Notes
Based on the above findings, does additional information need to be obtained from the applicant to determine whether an environmental hazard is present?	No	

I verify that I have physically visited this property and that the findings outlined above are accurate.



Inspector Signature

Egon Gonzalez

March 13, 2025

Front of Structure

Photo Direction: East

Comments:



Facing Away from Front

Photo Direction: West

Comments:



Side #1 of Structure

Photo Direction: East

Comments:



Facing Away From Side #1

Photo Direction: Northeast

Comments:



Back of Structure

Photo Direction: North

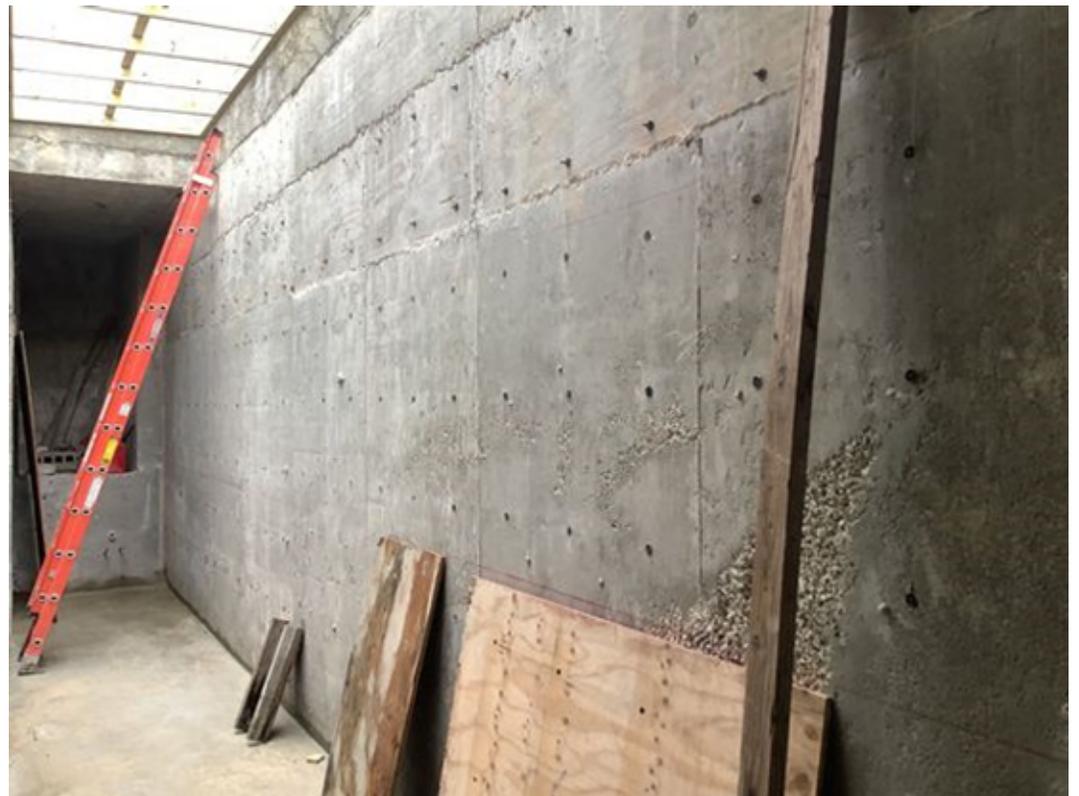
Comments:



Facing Away from Back

Photo Direction: North

Comments:



Side #2 of Structure

Photo Direction: North

Comments:



Facing Away from Side #2

Photo Direction: Southeast

Comments:



**Streetscape #1**

Photo Direction: North

Comments:



**Streetscape #2**

Photo Direction: South

Comments:



Address

Photo Direction: East

Comments:



**Architectural Details 1**

Photo Direction:

Photo Description: Electricity is connected



**Architectural Details 2**

Photo Direction:

Photo Description: Water is connected



**Architectural Details 3**

Photo Direction:

Photo Description: General interior view



**Architectural Details 4**

Photo Direction:

Photo Description: General interior view



Architectural Details 5

Photo Direction:

Photo Description: General interior view

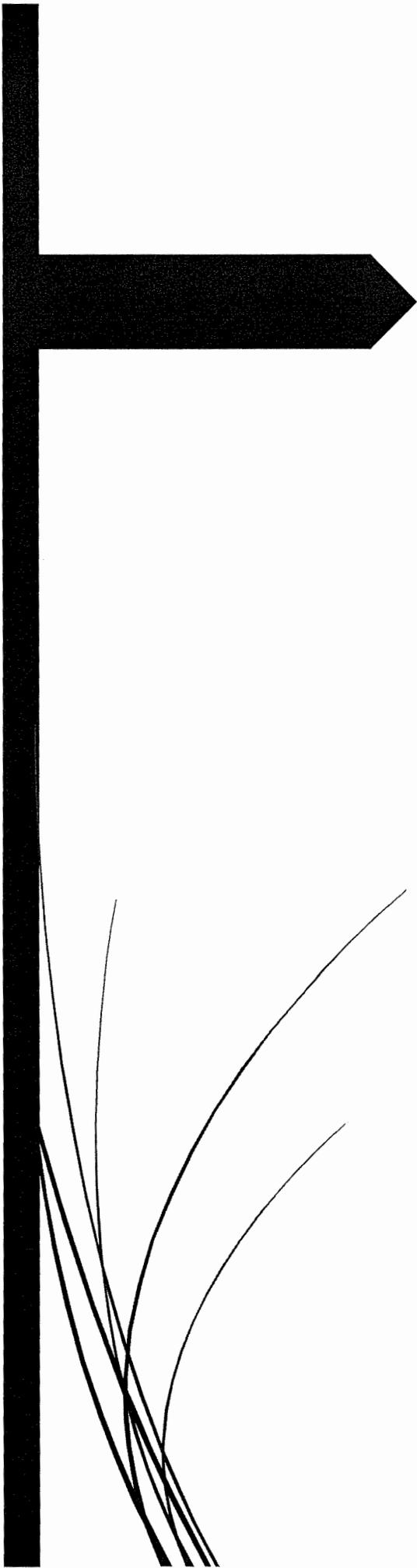


Architectural Details 6

Photo Direction:

Photo Description:

## **Appendix 3: Scope of Work Quote**



Propuesta para  
Instalación de  
Sistema de  
Energía Solar  
APOYO  
ENERGETICO 2.0



CARIBBEAN SOLAR ENERGY, LLC

# CÁLCULO DE CONSUMO ANUAL Y SISTEMA PROPUESTO

**Iniciales**

Nombre de cliente	PAOS PHARMACY										
Dirección del servicio	2 CALLE DR VEVE SUR COAMO PR 00769										
ID Contrato	PP 13824										
Fecha	13/08/2024										
Ultimos 12 meses de consumo											
2360	2450	2450	2640	2600	2200	2090	2080	1820	1990	2240	2210
	Placa (W)	400									
	Pueblo	Coamo									
Consumo anual (kWh)											27.130
Costo por kWh (LUMA)											\$0,23
Tamaño de sistema según consumo (kWDC)											18,5
(1) Sistema propuesto (kWDC)											18,4
(2) Almacenamiento propuesto (kWh)											27
(3) Cubierta de consumo estimada											100%
(4) Costo de placas solares											\$13.800
(5) Costo de batería(s)											\$26.500
(6) Instalacion, Ingenieria, Permisos y BOS											\$16.267
(7) Costo Total											\$56.567
(8) Incentivo potencial											-\$33.940
(9) Balance aportado por cliente											\$22.627
(10) Retorno de inversion estimado (en años)											3,6
(11) Ahorro anual estimado en factura de LUMA											\$6.211

## TIPO DE SISTEMA

Sistema fotovoltaico nuevo con sistema de almacenamiento de batería(s).

## EQUIPOS

Equipo	Marca	Modelo	Cantidad
Placas	Canadian Solar	CS6R-400MS-HL	46
Batería	Tesla	Powerwall 2	2
Inversor	Tesla	7.6 kW/AC Powerwall+	2
Transformador	Hammond	SG3L0050BE	0

## INTRODUCCIÓN

Le damos las gracias por la oportunidad que nos ha dado para presentar nuestra propuesta para el trabajo de referencia. Caribbean Solar Energy, LLC se complace en presentar esta propuesta para la instalación de un Sistema Fotovoltaico para generación de energía. Agradecemos sus esfuerzos para ayudarnos a definir y entender las necesidades de su proyecto en su casa o negocio. Caribbean Solar Energy LLC se compromete a proporcionar los recursos necesarios para ejecutar con éxito este proyecto conforme a su petición y de acuerdo con las especificaciones y acuerdos aquí presentados.

## SEGUROS

Caribbean Solar Energy reconoce el riesgo inherente y las exposiciones en la prestación de servicios a los clientes y utiliza un programa de seguro integral para protegerse contra cualquier acto negligente por el que pueda volverse legalmente responsable. Nuestro programa incluye \$1,000,000 en cobertura general y \$1,000,000 en exceso de cobertura. Adicional a esto contamos con una fianza para realizar proyectos de energía renovable, según establece la Ley 146 del Estado Libre Asociado de Puerto Rico.

## Fuerza de trabajo

La fuerza de trabajo de Caribbean Solar Energy está formada por profesionales de la industria con experiencia en miles de instalaciones. Nuestra fuerza de trabajo está compuesta por ingenieros con licencia, electricistas certificados, personal administrativo, personal de ventas e instaladores altamente experimentados.

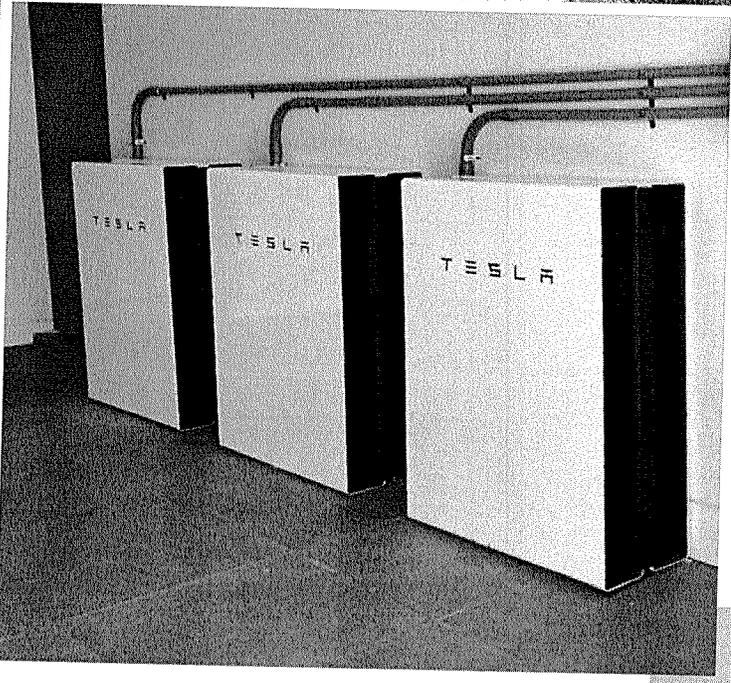
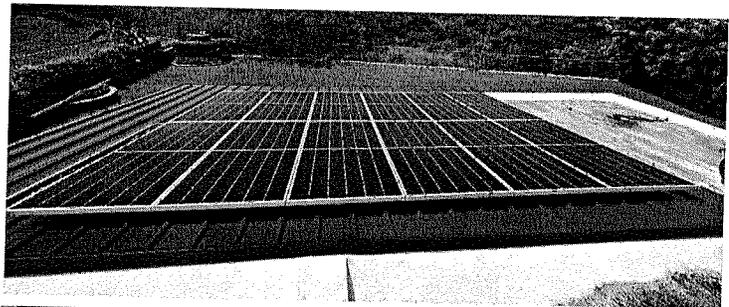
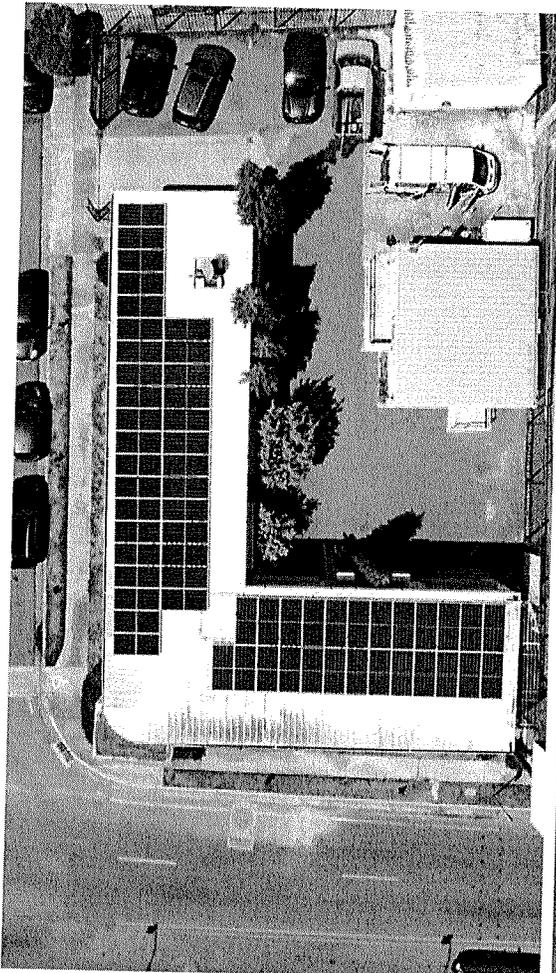
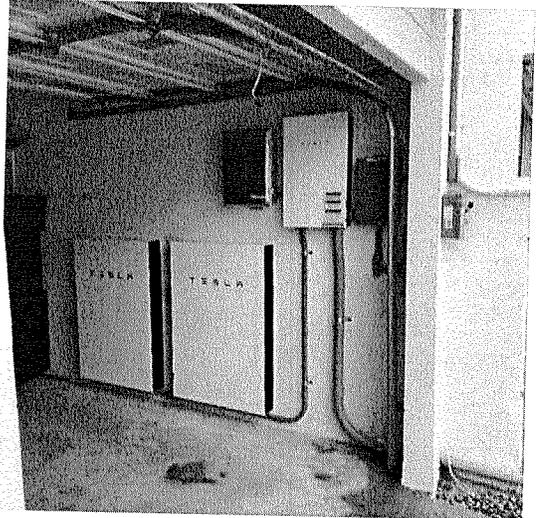
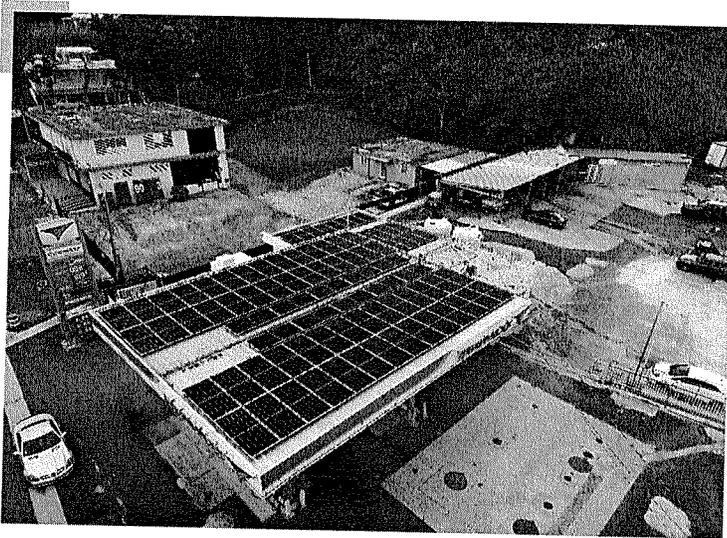
## Certificaciones

Caribbean Solar Energy cuenta con las prestigiosas certificaciones de Tesla, Inc como "Tesla Certified Installer", Enphase Energy como "Enphase Certified Installer", UNIRAC, Gobierno Federal de Estados Unidos (SAM), Agencia de Protección Ambiental (EPA), entre otros. Adicional, nuestro personal de diseño cuenta con certificación del Colegio de Ingenieros y Agrimensores de Puerto Rico y de Instalador de Sistemas Eléctricos Renovables del Programa de Política Pública del Gobierno de Puerto Rico. Todos nuestros componentes cumplen con las certificaciones requeridas por la Oficina de Gerencia y Permisos (OGPE) y la Autoridad De Energía Eléctrica de Puerto Rico.

**TESLA**  
**ENERGY**  
CERTIFIED INSTALLER



# CARTERA DE INSTALACIONES



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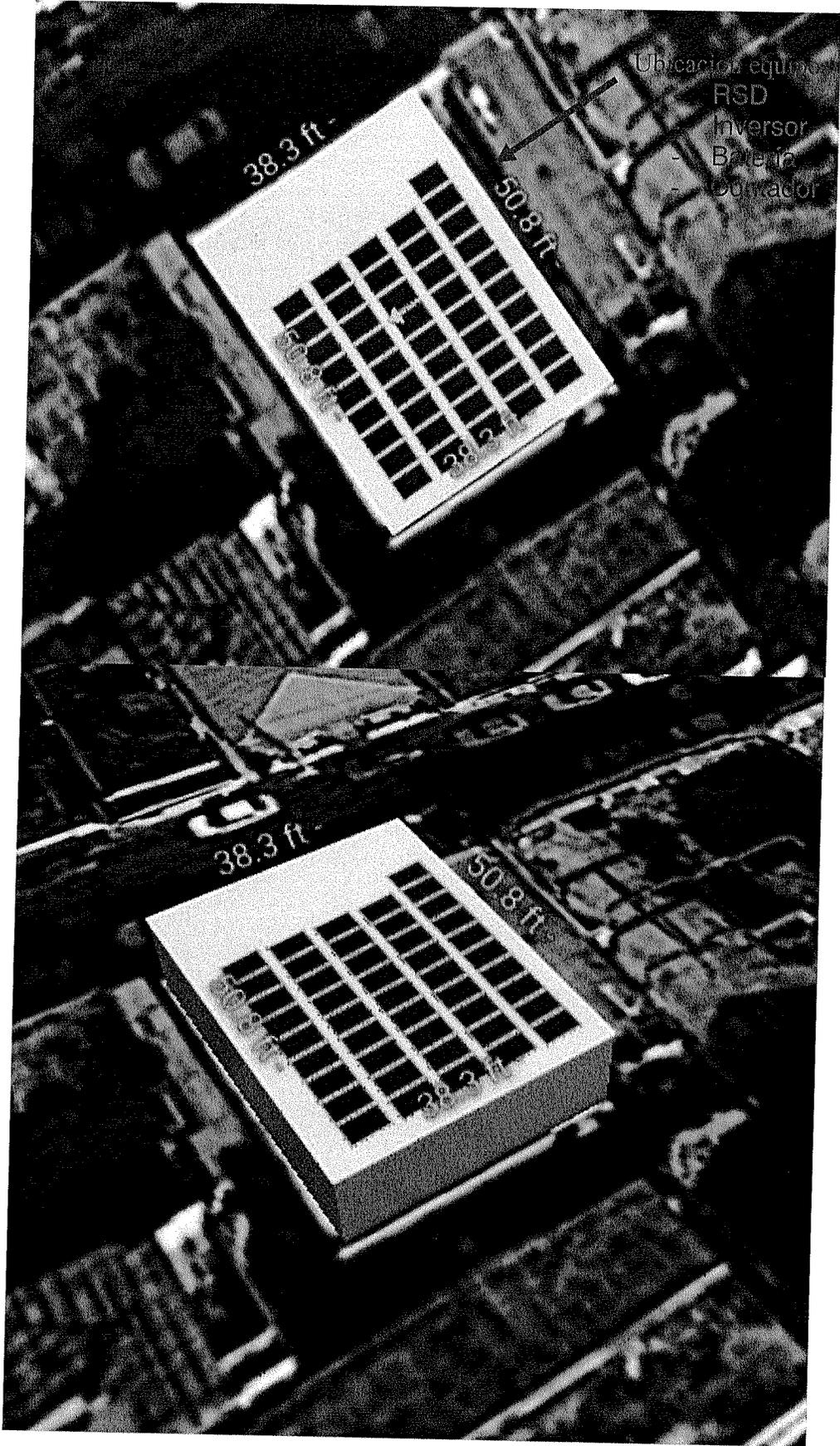
## ALCANCE DEL TRABAJO

<b>Iniciales</b>
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Esta propuesta incluye (según aplique):

- 1) Diseño e ingeniería.**
- 2) Permisos requeridos para operación e instalación.**
  - a) Someter solicitud para programa de medición neta ante LUMA.
  - b) Certificaciones Oficina de Gerencia y Permisos (OGPE).
- 3) Equipos**
  - a) Paneles solares.
  - b) Inversores de corriente.
  - c) Sistemas de almacenamiento (baterías).
  - d) Accesorios necesarios para operación de sistema.
  - e) Anclaje estructural de aluminio y acero inoxidable (“racking”).
  - f) Materiales misceláneos: tuberías, cables, interruptores, etc.
- 4) Instalación**
  - a) Instalación y encendido.
  - b) Pruebas y “System Commissioning”.
  - c) Adiestramiento sobre operación y mantenimiento.





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## ACUERDO DE INSTALACIÓN



## TÉRMINOS, CONDICIONES Y DEFINICIONES

1. **DEFINICIONES.** "INSTALACIÓN" PARA USO EN ESTE DOCUMENTO SE REFIERE A MANO DE OBRA Y SITUAR LOS EQUIPOS PROPUESTOS EN EL SITIO. "PROPUESTA" O "CONTRATO" SE REFIERE A ESTE DOCUMENTO. "SITIO" SE REFIERE A LA PROPIEDAD DONDE SE INSTALARÁ EL SISTEMA PROPUESTO. "PROGRAMA" SE REFIERE A PROGRAMA DE APOYO ENERGETICO 2.0. "ACTIVIDADES DE INSTALACION" SE REFIERE A DISEÑO, ADQUISION DE MATERIALES O INSTALACION. "DDEC" SE REFIERE A DEPARTAMENTO DE DESARROLLO ECONOMICO Y COMERCIO DE PUERTO RICO. "CSE" SE REFIERE A CARIBBEAN SOLAR ENERGY, LLC.
2. **DIVULGACIÓN.** ESTA PROPUESTA CONTIENE INFORMACIÓN CONFIDENCIAL, PROPIETARIA Y/O SENSIBLE A LA COMPETENCIA DE CSE POR LO TANTO; TODA LA INFORMACIÓN PROPORCIONADA EN ESTA PROPUESTA SE CONSIDERARÁ CONFIDENCIAL Y NO SE DIVULGARÁ A TERCEROS SIN EL CONSENTIMIENTO ESCRITO DE CSE.
3. **GARANTÍAS.** CSE CORREGIRÁ CUALQUIER DEFECTO DE INSTALACIÓN, SIN COSTO ALGUNO, DURANTE LOS PRIMEROS 10 AÑOS DESDE ENCENDIDO EL SISTEMA. NUESTROS MANUFACTUREROS OFRECEN LAS SIGUIENTES GARANTÍAS, EN DESEMPEÑO; PANELES SOLARES 25 AÑOS; MICRO-INVERSORES ENPHASE 25 AÑOS; SOPORTE UNIRAC O SWH 25 AÑOS; BATERÍA TESLA O ENPHASE 10 AÑOS. MANIPULACIÓN AL EQUIPO POR PERSONAL NO-AUTORIZADO INVALIDARÁ GARANTÍAS. EL CLIENTE, CON LA FIRMA DE ESTE DOCUMENTO, CERTIFICA HABER LEIDO EL(LOS) MANUAL(ES) DE TÉRMINOS Y CONDICIONES DE GARANTÍA DEL MANUFACTURERO.
4. **TÉRMINOS DE PAGO.** (1) CSE RECIBIRÁ 50% DE LA APORTACION TOTAL CORRESPONDIENTE AL CLIENTE CON LA FIRMA DEL ACUERDO DE RESERVA DEL INCENTIVO. (2) CSE RECIBIRA EL RESTANTE 50% DE LA APORTACION TOTAL CORRESPONDIENTE AL CLIENTE UNA VEZ CULMINADA LA INSTALACIÓN. LOS PAGOS SERÁN EMITIDOS EN UN PERIODO NO MAYOR DE 7 DÍAS LABORABLES Y NO PODRÁN SER RETENIDOS BAJO NINGUN CONCEPTO. DEFICIENCIAS EN LA RED ELÉCTRICA QUE LIMITEN LA INTERACCIÓN DEL SISTEMA SOLAR CON DICHA RED NO SERÁ CAUSA PARA EXTENDER ESTE PERIODO. CSE SE RESERVA EL DERECHO DE APAGAR EL SISTEMA FOTOVOLTAICO, SIN EMITIR AVISO, SI SE EXCEDE ESTE PERIODO DE 7 DÍAS. EN CASO DE QUE CUALQUIER PAGO NO SEA EMITIDO DENTRO DE LOS TÉRMINOS ESTABLECIDOS EN ESTE CONTRATO, Y SIN MENOSCABO O MODIFICACIÓN DE OTRAS SECCIONES DE ESTE CONTRATO, EL CLIENTE ACUERDA Y SE OBLIGA A PAGAR A CSE UN CARGO POR DEMORA ADICIONAL DE DIEZ POR CIENTO (10%) DEL BALANCE ADEUDADO, MENSUALMENTE, HASTA QUE LOS PAGOS SEAN RECIBIDOS EN SU TOTALIDAD.
5. **EQUIPOS.** EN CASO DE "BACK-ORDER" EN INVENTARIO SE PROVEERÁ EQUIVALENTE DE IGUAL O MAYOR CAPACIDAD.
6. **TIEMPO DE INSTALACIÓN.** SE ESTIMA LA INSTALACIÓN SE REALIZARÁ DENTRO DEL TERMINO QUE PROVEE EL PROGRAMA. ESTE PERIODO PUEDE VERSE AFECTADO POR EVENTOS DE LLUVIA EXTENSOS, ESCASEZ DE MATERIAL Y EVENTOS DE FUERZA MAYOR (ATMOSFÉRICOS, PANDEMIAS, TERREMOTOS, ENTRE OTROS EVENTOS IMPREDECIBLES). EL CLIENTE RELEVA A CSE DE EXCEDERSE EL TERMINO DEL PROGRAMA A CAUSA DE UNO DE ESTOS EVENTOS.
7. **PRODUCCIÓN SOLAR ANUAL ESTIMADA.** SU PRODUCCIÓN SOLAR PUEDE VARIAR DEPENDIENDO DEL CLIMA Y EL ACORTAMIENTO (EN CASO DE APAGONES). CSE UTILIZA LA BASE DE DATOS DEL "NATIONAL RENEWABLE ENERGY LABORATORY" PARA LA RECOMENDACIÓN DE TAMAÑO DE SISTEMA POR LO QUE CSE NO SE HACE RESPONSABLE DE LAS VARIACIONES QUE PUDIERAN SURGIR.
8. **CANCELACIONES.** EN CUALQUIERA DE LOS ESCENARIOS DE CANCELACIÓN POSTERIOR AL COMIENZO DE LAS ACTIVIDADES DE INSTALACIÓN, SE COBRARÁ UNA TARIFA PROPORCIONAL AL GASTO INCURRIDO HASTA EL MOMENTO DE LA CANCELACIÓN EL CUAL NO SERÁ MENOR DE UN 5% DEL COSTO TOTAL DEL PROYECTO. CSE SE RESERVA EL DERECHO DE RESCINDIR DE ESTE CONTRATO, EN CUALQUIER MOMENTO, PREVIO A LA INSTALACIÓN DEL SISTEMA. ESTO NOTIFICANDO AL CLIENTE CON 10 DIAS DE ANTICIPACIÓN.
9. **MEDICIÓN NETA.** MEJORAS A INFRAESTRUCTURA SOLICITADAS POR LUMA NO ESTÁN CUBIERTOS EN ESTA PROPUESTA. LA APROBACIÓN DE ESTE PROGRAMA ESTÁ BAJO LA DISCRECIÓN DE LUMA.
10. **ALCANCE.** CUALQUIER TRABAJO NO IDENTIFICADO EN ESTA PROPUESTA O COMPONENTE (EJ. MEJORAS A INFRAESTRUCTURA EXISTENTE, ETC.) SE CONSIDERARÁ FUERA DEL ALCANCE Y PUEDE REQUERIR UNA ORDEN DE TRABAJO O UNA ORDEN DE COMPRA ADICIONAL. ESTA PROPUESTA INCLUYE UNA INSTALACIÓN BÁSICA DE 25 PIES AL PUNTO DE INTERCONEXIÓN Y CON TUBERÍAS EXPUESTAS, CUALQUIER PREFERENCIA ADICIONAL REQUERIRÁ UN CAMBIO DE ORDEN. EL DÍA DE INSTALACIÓN SE REPASARÁ EL PLANO DE INSTALACIÓN Y PRESENTARAN LOS EQUIPOS EN SUS RESPECTIVAS ÁREAS PARA SU APROBACIÓN ESCRITA. UNA VEZ APROBADOS E INSTALADOS LOS EQUIPOS SI DESEA REALIZAR UN CAMBIO DE UBICACIÓN EL MISMO CONLLEVARA UN CAMBIO DE ORDEN.
11. **SEGUROS.** ESTA PROPUESTA NO INCLUYE CUBIERTA PARA DAÑOS POR EVENTOS DE FUERZA MAYOR (ATMOSFÉRICOS, FUEGOS, TERREMOTOS, ENTRE OTROS), ROBO, VANDALISMO Y/O VARIACIONES DE VOLTAJE DE LA RED ELÉCTRICA UNA VEZ CULMINADA LA INSTALACION. EL CLIENTE ASUME RESPONSABILIDAD TOTAL DE CUALQUIER DAÑO AL SISTEMA UNA VEZ CULMINADA DICHA INSTALACIÓN EN EL SITIO.
12. **PERMISOS DE CONSTRUCCIÓN.** SEGÚN ESTABLECE EL REGLAMENTO DE OGPE, ESTAS INSTALACIONES NO REQUIEREN PERMISO DE CONSTRUCCIÓN POR SER MENORES A 1MW Y LLEVARSE A CABO SOBRE EL TECHO DE LA RESIDENCIA O COMERCIO.
13. **APAGONES.** PARA FUNCIONAR EN EL EVENTO DE UN APAGÓN, DE DÍA O NOCHE, ES NECESARIO EL SISTEMA INCLUYA ALMACENAMIENTO (BATERÍAS).
14. **MONITOREO.** REQUIERE CONECTAR EL SISTEMA A RED WI-FI CON INTERNET ESTABLE Y DE ALTA VELOCIDAD.
15. **VISITAS TÉCNICAS.** VISITAS DE SERVICIO NO-ASOCIADAS A DEFECTOS DE INSTALACIÓN TENDRÁN TARIFA MÍNIMA, COMENZANDO DESDE \$150.
16. **CÓDIGOS Y REQUERIMIENTOS.** LOS EQUIPOS SOLO PODRÁN SER INSTALADOS EN ÁREAS APROBADAS POR

- MANUFACTUREROS, CÓDIGOS DE ELECTRICIDAD Y LA AUTORIDAD DE ENERGÍA ELÉCTRICA DE PUERTO RICO ("AEE" O "LUMA", EN ADELANTE). EL CLIENTE RELEVA DE CUALQUIER RESPONSABILIDAD A CSE DE EL CLIENTE EXIGIR QUE NO SE CUMPLA CON ESTOS REQUISITOS.
17. **FACILIDADES.** SE PRESUME QUE SU INFRAESTRUCTURA ENERGÉTICA EXISTENTE CUMPLE CON LOS PARÁMETROS (VOLTAJES, FRECUENCIAS, ETC.) REQUERIDOS POR AEE-LUMA Y EL "NATIONAL ELECTRICAL CODE" PARA LA INTERACCIÓN DE SISTEMAS FOTOVOLTAICOS CON SU PROVEEDOR DE ENERGÍA ELÉCTRICA. CSE NO SE RESPONSABILIZA POR DAÑOS ESCONDIDOS, DISIMULADOS U OCULTOS QUE SE DESCUBRAN EN, DURANTE O DESPUÉS DE LA INSTALACIÓN; CORREGIRLOS REQUERIRÁ UNA ORDEN DE TRABAJO ADICIONAL.
  18. **TECHO.** SE PRESUME ESPACIO DE TECHO DISPONIBLE Y EN CONDICIONES ADECUADAS PARA INSTALAR EL SISTEMA SIN REALIZAR MEJORAS, MODIFICACIONES O ADICIONES. CSE SE RESERVA EL DERECHO DE CLASIFICAR LAS CONDICIONES DEL TECHO. NO SE INCLUYE IMPERMEABILIZACIÓN DE TECHOS, SIN EMBARGO, TODAS LAS PENETRACIONES GARANTIZAN LAS MEJORES PRÁCTICAS PARA NO AFECTAR NINGUNA GARANTÍA (SI CORRESPONDE) O INTEGRIDAD DEL TECHO. CSE NO SE HACE RESPONSABLE BAJO NINGUN CONCEPTO DE DAÑOS AL TECHO NO RELACIONADOS A LA INSTALACIÓN O A LOS TRABAJOS REALIZADOS POR CSE. UNA VEZ INSTALADO EL SISTEMA FOTOVOLTAICO Y HABIENDO SIDO ACEPTADO POR EL CLIENTE, CSE NO SERA RESPONSABLE POR NINGUN RECLAMO RELACIONADO A LA IMPERMEABILIZACIÓN Y/O DAÑOS DEL TECHO.
  19. **VALIDEZ Y CORRECCIONES.** ESTA PROPUESTA TIENE UNA VALIDEZ DE NOVENTA DÍAS (90) DÍAS A PARTIR DE LA EMISIÓN. LAS CITAS VERBALES EXPIRAN EL MISMO DÍA EN QUE SE REALIZAN. TODOS LOS ERRORES TIPOGRÁFICOS Y ADMINISTRATIVOS ESTÁN SUJETOS A CORRECCIÓN.
  20. **TITULARIDAD.** EL CLIENTE RECONOCE QUE EL SISTEMA PROPUESTO Y TODOS SUS COMPONENTES SON PROPIEDAD EXCLUSIVA DE CSE HASTA TANTO SE SATISFAGAN EL 100% DE LOS PAGOS ACORDADOS BAJO ESTE CONTRATO.
  21. **ACCESO.** EL CLIENTE RECONOCE QUE CONCEDE ACCESO A CSE A SU PROPIEDAD (PROPIA O ARRENDADA), EN CUALQUIER MOMENTO, PARA REMOVER Y/O REPOSEER LOS EQUIPOS, DE SER INCUMPLIDOS LOS TÉRMINOS DE PAGO POR CUALQUIER RAZÓN.
  22. **FOTOGRAFÍAS.** CSE ESTÁ AUTORIZADO A UTILIZAR FOTOGRAFÍAS DE LOS EQUIPOS INSTALADOS EN SU PROPIEDAD (PROPIA O ARRENDADA) PARA PROPÓSITO PUBLICITARIOS SIEMPRE Y CUANDO SE PROTEJA SU PRIVACIDAD.  MARCAR SI NO AUTORIZA.
  23. **LLAMADAS GRABADAS.** TODAS LAS LLAMADAS RECIBIDAS Y REALIZADAS DE CSE SE REALIZAN A TRAVÉS DE UNA LÍNEA GRABADA.
  24. **HONORARIOS DE ABOGADO.** EN CASO DE QUE CSE RECURRA A UN ABOGADO PARA MANEJAR POR MEDIO DE LA VÍA JUDICIAL, O EXTRAJUDICIAL, CUALQUIER VIOLACIÓN DE CUALQUIER TÉRMINO O CONDICIÓN DE ESTE CONTRATO, EL CLIENTE PAGARÁ LOS HONORARIOS RESULTANTES POR UNA CANTIDAD NO MENOR DEL VEINTE POR CIENTO (20%) DE LA CANTIDAD RECLAMADA EN EL MOMENTO, O QUE ESTÉ ACUMULANDO, PERO EN NINGÚN CASO DICHA CANTIDAD SERÁ MENOR DE DOS MIL QUINIENTOS DÓLARES (\$2,500.00). ADEMÁS, SE ACUERDA QUE, SI SE
  25. **INCENTIVOS.** EL CLIENTE SE COMPROMETE A REALIZAR DE MANERA DILIGENTE Y PROACTIVA TODAS LAS GESTIONES PERTINENTES Y REQUERIDAS, DE SU PARTE, POR CUALQUIER ENTIDAD QUE LE HAYA APROBADO U OTORGADO UN INCENTIVO PARA LA ADQUISICIÓN DE SU SISTEMA Y ESTE SE HAYA CONSIDERADO COMO PARTE O TOTALIDAD DE LOS PAGOS POR EL PRESENTE CONTRATO. EL CLIENTE SE COMPROMETE A PAGAR EL 100% DE LOS COSTOS DEL PROYECTO, OBJETO DE ESTE CONTRATO, SI POR NEGLIGENCIA, OMISIÓN, PREFERENCIA O DEJAEZ DE SU PARTE EXPIRA EL PERIODO PARA RECLAMAR EL PAGO DE DICHO INCENTIVO Y EL SISTEMA HA SIDO INSTALADO. DE SER REQUERIDO POR EL CLIENTE QUE CSE O SUS REPRESENTANTES LE ASISTAN EN EL SOMETIMIENTO, LLENADO O RADICACIÓN DE CUALQUIER PROCESO, DOCUMENTO O SOLICITUD, EL CLIENTE, RELEVA A CSE Y SUS REPRESENTANTES DE CUALQUIER NEGLIGENCIA, OMISIÓN O ERROR EN TODO MOMENTO. HASTA TANTO SE EJECUTE EL ACUERDO DE RESERVA DE SUBVENCIÓN: (A) NO SE INICIARÁN NI REALIZARÁN NINGÚN TRABAJO PARA LA INSTALACIÓN DEL SISTEMA; (B) NO SE ORDENARÁN O TOMARÁN ACCIONES PARA ADQUIRIR EQUIPO O MATERIAL PARA EL SISTEMA; Y (C) NO SE INCURRIRÁ O PAGARÁ COSTOS RELACIONADOS CON EL TRABAJO O CUALQUIER OTRA RESPONSABILIDAD DE LAS FASES DE INSTALACIÓN PARA EL SISTEMA. ESTE CONTRATO QUEDARA AUTOMATICAMENTE CANCELADO, SIN PENALIDAD ALGUNA PARA LAS PARTES, SI EL DDEC NO APRUEBA EL INCENTIVO. LOS SUPLIDORES Y LOS BENEFICIARIOS NO PODRÁN MODIFICAR LAS SOLICITUDES APROBADAS Y DEBIDAMENTE NOTIFICADAS NI LOS CRITERIOS EXAMINADOS PARA EL PROCESO DE EVALUACIÓN Y APROBACIÓN, ENTIÉNDESE: LA PROPUESTA DEL SUPLIDOR, COSTO TOTAL DEL PROYECTO, CAMBIO DE UBICACIÓN O LOCAL, TAMAÑO DEL SISTEMA DE ENERGÍA RENOVABLE, TAMAÑO DEL ALMACENAMIENTO DE BATERÍA Y, SI SOLICITÓ, LA INFRAESTRUCTURA PARA EL CARGADOR DE AUTO ELÉCTRICO.
  26. **ACEPTACIÓN.** TAL ES EL CONTRATO QUE OTORGAN LOS COMPARECIENTES Y POR EL CUAL SE COMPROMETEN Y OBLIGAN MUTUAMENTE, HACIENDO CONSTAR QUE EL PRESENTE CONTIENE LA TOTALIDAD DE LOS ACUERDOS ENTRE LAS PARTES Y QUE CUALQUIER CAMBIO O ENMIENDA AL MISMO TENDRÁ QUE CONSTAR POR ESCRITO PARA SURTIR EFECTO Y OBLIGAR A LAS PARTES. SI ALGUNA DE LAS CLÁUSULAS DE ESTE CONTRATO FUERA DECLARADA ILEGAL O CONTRARIA A DERECHO, QUEDARÁN VIGENTES Y EN TODO VIGOR LAS CLÁUSULAS RESTANTES DEL CONTRATO.

**FIRMA CLIENTE:**

*Braian Hernandez Pizarro*  
 NOMBRE EN LETRA DE MOLDE

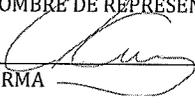
*Braian Hernandez Pizarro*  
 FIRMA

*8/16/2024*  
 FECHA

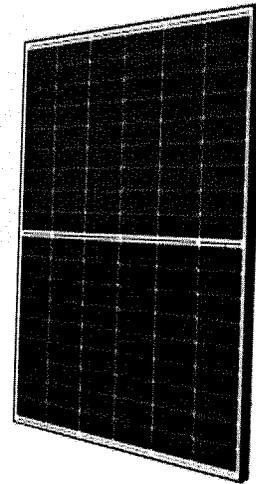
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**CARIBBEAN SOLAR ENERGY:**

Antonio Cruz Acevedo  
NOMBRE DE REPRESENTANTE AUTORIZADO

  
FIRMA





# HiKu6 Mono PERC

395 W ~ 420 W

CS6R-395 | 400 | 405 | 410 | 415 | 420MS-HL

### MORE POWER



Module power up to 420 W  
Module efficiency up to 21.5 %



Lower LCOE & system cost



Comprehensive LID / LeTID mitigation technology, up to 50% lower degradation



Better shading tolerance

### MORE RELIABLE



Minimizes micro-crack impacts



Heavy snow load up to 8100 Pa,  
wind load up to 5000 Pa\*



Industry Leading Product Warranty on Materials and Workmanship\*



Linear Power Performance Warranty\*

1<sup>st</sup> year power degradation no more than 2%

Subsequent annual power degradation no more than 0.55%

\*Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in certain regions.

### MANAGEMENT SYSTEM CERTIFICATES\*

ISO 9001:2015 / Quality management system  
ISO 14001:2015 / Standards for environmental management system  
ISO 45001: 2018 / International standards for occupational health & safety

### PRODUCT CERTIFICATES\*

IEC 61215 / IEC 61730 / CE  
CEC listed (US California) / FSEC (US Florida)  
UL 61730 / IEC 61701 / IEC 62716  
Take-e-way



\* The specific certificates applicable to different module types and markets will vary, and therefore not all of the certifications listed herein will simultaneously apply to the products you order or use. Please contact your local Canadian Solar sales representative to confirm the specific certificates available for your Product and applicable in the regions in which the products will be used.

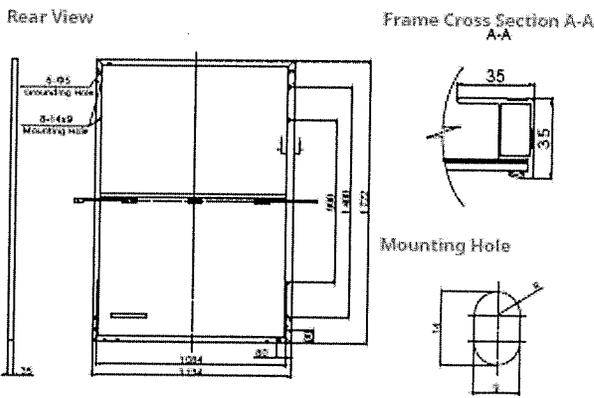
CSI SOLAR (USA) CO., LTD. is committed to providing high quality solar photovoltaic modules, solar energy and battery storage solutions to customers. The company was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey. Over the past 20 years, it has successfully delivered over 70 GW of premium-quality solar modules across the world.

\* For detailed information, please refer to the Installation Manual.

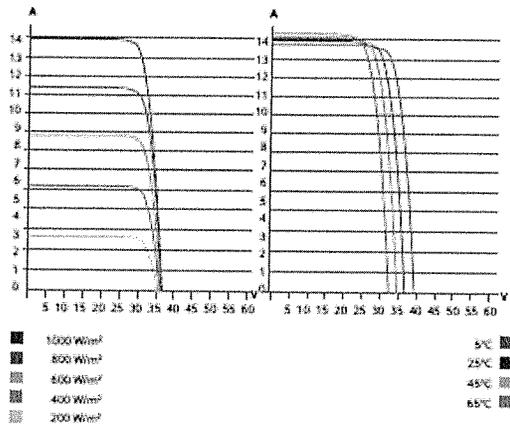
CSI SOLAR (USA) CO., LTD.

1350 Treat Blvd, Suite 500, Walnut Creek, CA 94598, USA | [www.csisolar.com/na](http://www.csisolar.com/na) | [service.ca@csisolar.com](mailto:service.ca@csisolar.com)

ENGINEERING DRAWING (mm)



CS6R-405MS-HL / I-V CURVES



ELECTRICAL DATA | STC\*

CS6R-395/400/405/410/415/420MS-HL

Specification	395 W	400 W	405 W	410 W	415 W	420 W
Nominal Max. Power (Pmax)	395 W	400 W	405 W	410 W	415 W	420 W
Opt. Operating Voltage (Vmp)	30.6 V	30.8 V	31.0 V	31.2 V	31.4 V	31.6 V
Opt. Operating Current (Imp)	12.91 A	12.99 A	13.07 A	13.15 A	13.23 A	13.31 A
Open Circuit Voltage (Voc)	36.6 V	36.8 V	37.0 V	37.2 V	37.4 V	37.6 V
Short Circuit Current (Isc)	13.77 A	13.85 A	13.93 A	14.01 A	14.09 A	14.17 A
Module Efficiency	20.2%	20.5%	20.7%	21.0%	21.3%	21.5%
Operating Temperature	-40°C ~ +85°C					
Max. System Voltage	1000V (IEC/UL)					
Module Fire Performance	TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)					
Max. Series Fuse Rating	25 A					
Application Classification	Class A					
Power Tolerance	0 ~ + 10 W					

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

Specification	Data
Cell Type	Mono-crystalline
Cell Arrangement	108 [2 X (9 X 6)]
Dimensions	1722 x 1134 x 35 mm (67.8 x 44.6 x 1.38 in)
Weight	22.4 kg (49.4 lbs)
Front Cover	3.2 mm tempered glass with anti-reflective coating
Frame	Anodized aluminium alloy
J-Box	IP68, 3 bypass diodes
Cable	4 mm² (IEC), 12 AWG (UL)
Connector	T6, MC4, MC4-EVO2 or MC4-EVO2A
Cable Length (Including Connector)	1550mm(61.0in) (1) / 1100mm(43.3in) (2)*

Per Pallet 30 pieces  
 Per Container (40' HQ) 780 pieces  
 \* For detailed information, please contact your local Canadian Solar sales and technical representatives.

ELECTRICAL DATA | NMOT\*

CS6R-395/400/405/410/415/420MS-HL

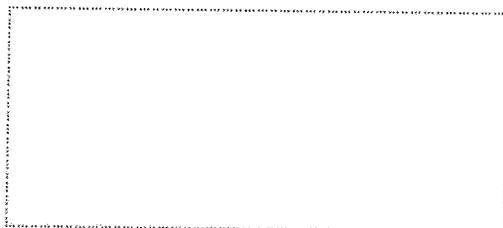
Specification	296 W	300 W	304 W	307 W	311 W	315 W
Nominal Max. Power (Pmax)	296 W	300 W	304 W	307 W	311 W	315 W
Opt. Operating Voltage (Vmp)	28.7 V	28.9 V	29.1 V	29.2 V	29.4 V	29.6 V
Opt. Operating Current (Imp)	10.33 A	10.39 A	10.45 A	10.52 A	10.58 A	10.65 A
Open Circuit Voltage (Voc)	34.6 V	34.8 V	35.0 V	35.1 V	35.3 V	35.5 V
Short Circuit Current (Isc)	11.09 A	11.15 A	11.21 A	11.28 A	11.34 A	11.41 A

\* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m² spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.34 % / °C
Temperature Coefficient (Voc)	-0.26 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

PARTNER SECTION

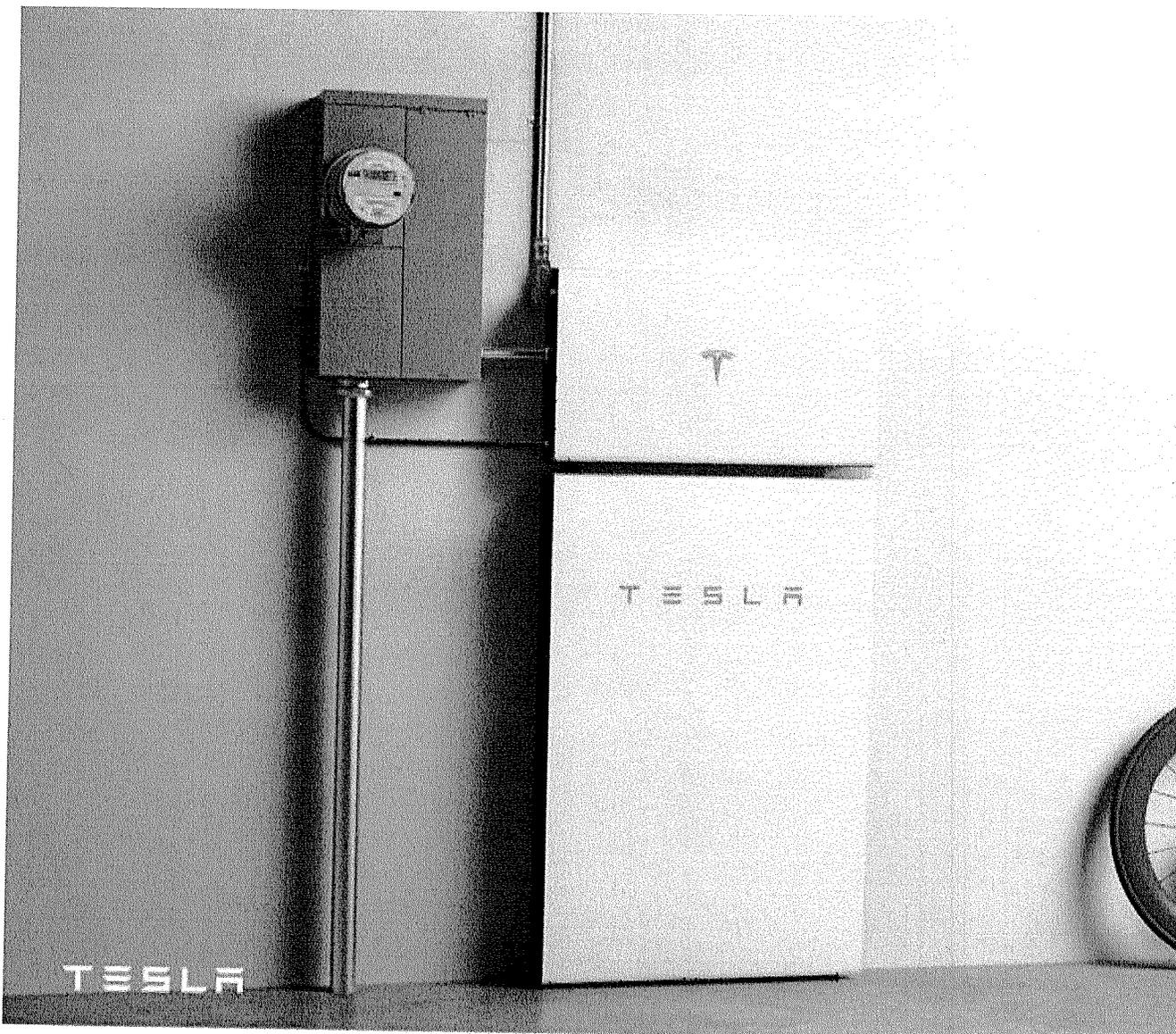


\* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. CSI Solar Co., Ltd. reserves the right to make necessary adjustment to the information described herein at any time without further notice.

Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

CSI SOLAR (USA) CO., LTD.

Aug 2022 | All rights reserved | PV Module Product Datasheet v1.1C25\_F23\_J1\_NA



## POWERWALL+

Powerwall+ is an integrated solar battery system that stores energy from solar production. Powerwall+ has two separate inverters, one for battery and one for solar, that are optimized to work together. Its integrated design and streamlined installation allow for simple connection to any home, and improved surge power capability brings whole home backup in a smaller package. Smart system controls enable owners to customize system behavior to suit their renewable energy needs.

### KEY FEATURES

- Integrated battery, inverter, and system controller for a more compact install
- A suite of application modes, including self-powered, time-based control, and backup modes
- Wi-Fi, Ethernet, and LTE connectivity with easy over-the-air updates

TESLA K02-92 TB

# POWERWALL+

## PHOTOVOLTAIC (PV) AND BATTERY ENERGY STORAGE SYSTEM (BESS) SPECIFICATIONS

Powerwall+ Model Number	1850000-xx-y
Solar Assembly Model Number	1538000-xx-y
Nominal Battery Energy	13.5 kWh
Nominal Grid Voltage (Input / Output)	120/240 VAC
Grid Voltage Range	211.2 - 264 VAC
Frequency	60 Hz
Phase	240 VAC; 2W+N+GND
Maximum Continuous Power On-Grid	7.6 kVA full sun / 5.8 kVA no sun <sup>1</sup>
Maximum Continuous Power Off-Grid	9.6 kW full sun / 7 kW no sun <sup>1</sup>
Peak Off-Grid Power (10 s)	32 kW full sun / 10 kW no sun <sup>1</sup>
Maximum Continuous Current On-Grid	32 A output
Maximum Continuous Current Off-Grid	40 A output
Load Start Capability	98 - 118 A LRA <sup>2</sup>
PV Maximum input Voltage	600 VDC
PV DC Input Voltage Range	60 - 550 VDC
PV DC MPPT Voltage Range	60 - 480 VDC
MPPTs	4 (for 2 combined strings)
Input Connectors per MPPT	1-2-1-2
Maximum Current per MPPT ( $I_{mp}$ )	13 A (26 A for combined strings)
Maximum Short Circuit Current per MPPT ( $I_{sc}$ )	15 A
Allowable DC/AC Ratio	1.7
Overcurrent Protection Device	50 A breaker
Maximum Supply Fault Current	10 kA
Output Power Factor Rating	+/- 0.9 to 1 <sup>3</sup>
Round Trip Efficiency	90% <sup>4</sup>
Solar Generation CEC Efficiency	97.5% at 200 V 98.0% at 240 V
Customer Interface	Tesla Mobile App
Internet Connectivity	Wi-Fi, Ethernet, Cellular LTE/4G <sup>5</sup>
PV AC Metering	Revenue grade (+/- 0.5%)
Protections	Integrated arc fault circuit interrupter (AFCI), PV Rapid Shutdown
Warranty	10 years

## COMPLIANCE INFORMATION

PV Certifications	UL 1699B, UL 1741, UL 3741, UL 1741 SA, UL 1995 (US), IEEE 1547, IEEE 1547.1
Battery Energy Storage System Certifications	UL 1643, UL 1741, UL 1741 PCS, UL 1741 SA, UL 1973, UL 9540, IEEE 1547, IEEE 1547.1, UN 38.3
Grid Connection	United States
Emissions	FCC Part 15 Class B
Environmental	RoHS Directive 2011/65/EU
Seismic	AC156, IEEE 693-2005 (high)

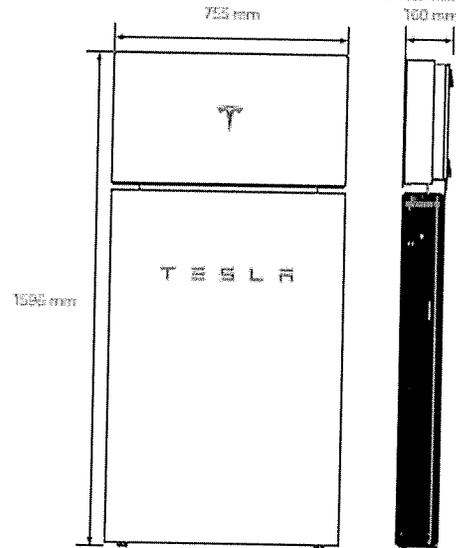
TESLA

NA 2022-02-10

TESLA.COM/ENERGY

## MECHANICAL SPECIFICATIONS

Dimensions	1586 x 755 x 160 mm (62.8 x 29.7 x 6.3 in)
Total Weight	140 kg (310 lb) <sup>6</sup>
Battery Assembly	118 kg (261 lb)
Solar Assembly	22 kg (49 lb)
Mounting options	Floor or wall mount



## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C to 50°C (-4°F to 122°F) <sup>7</sup>
Recommended Temperature	0°C to 30°C (32°F to 86°F)
Operating Humidity (RH)	Up to 100%, condensing
Storage Conditions	-20°C to 50°C (-4°F to 86°F) Up to 95% RH, non-condensing State of Energy (SoE): 75% initial
Maximum Elevation	3000 m (9843 ft)
Environment	Indoor and outdoor rated
Enclosure Type	Type 3R
Solar Assembly Ingress Rating	IP55 (Wiring Compartment)
Battery Assembly Ingress Rating	IP55 (Wiring Compartment) IP67 (Battery & Power Electronics)
Noise Level @ 1 m	< 40 dB(A) typical, < 50 dB(A) maximum

<sup>7</sup>Values provided for 25°C (77°F).

<sup>8</sup>Load start capability may vary.

<sup>9</sup>Power factor rating at max real power.

<sup>10</sup>AC to battery to AC, at beginning of life.

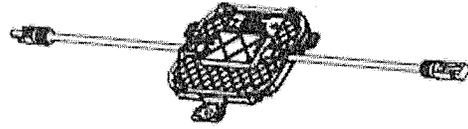
<sup>11</sup>Cellular connectivity subject to network service coverage and signal strength.

<sup>12</sup>The total weight does not include the Powerwall+ bracket, which weighs an additional 9 kg (20 lb).

<sup>13</sup>Performance may be derated at operating temperatures below 10°C (50°F) or greater than 43°C (109°F).

## SOLAR SHUTDOWN DEVICE

The Tesla Solar Shutdown Device is part of the PV system rapid shutdown (RSD) function in accordance with Article 690 of the applicable NEC. When paired with Powerwall+, solar array shutdown is initiated by turning the Powerwall+ Enable switch off, or by pushing the System Shutdown Switch if one is present.



### ELECTRICAL SPECIFICATIONS

Nominal Input DC Current Rating ( $I_{mp}$ )	12 A
Maximum Input Short Circuit Current ( $I_{sc}$ )	15 A
Maximum System Voltage	600 V DC

### RSD MODULE PERFORMANCE

Maximum Number of Devices per String	5
Control	Power Line Excitation
Passive State	Normally open
Maximum Power Consumption	7 W
Warranty	25 years

### COMPLIANCE INFORMATION

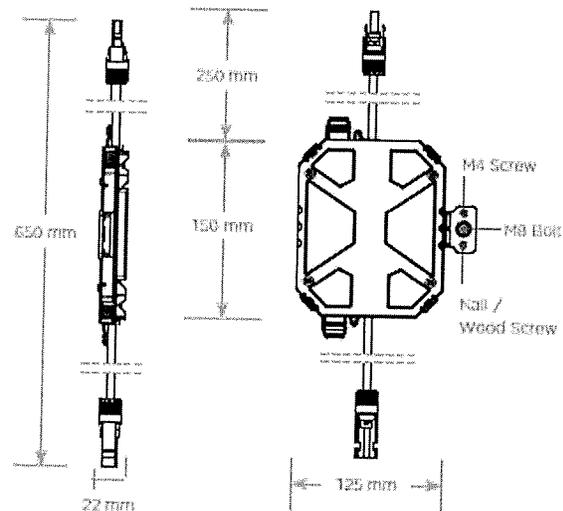
Certifications	UL 1741 PVRSE, UL 3741, PVRSA (Photovoltaic Rapid Shutdown Array)
RSD Initiation Method	External System Shutdown Switch
Compatible Equipment	See Compatibility Table below

### ENVIRONMENTAL SPECIFICATIONS

Ambient Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-50°C to 60°C (-22°F to 140°F)
Enclosure Rating	NEMA 4 / IP65

### MECHANICAL SPECIFICATIONS

Electrical Connections	MC4 Connector
Housing	Plastic
Dimensions	125 mm x 150 mm x 22 mm (5 in x 6 in x 1 in)
Weight	350 g (0.77 lb)
Mounting Options	ZEP Home Run Clip M4 Screw (#10) M8 Bolt (5/16") Nail / Wood screw



### UL 3741 PV HAZARD CONTROL (AND PVRSA) COMPATIBILITY

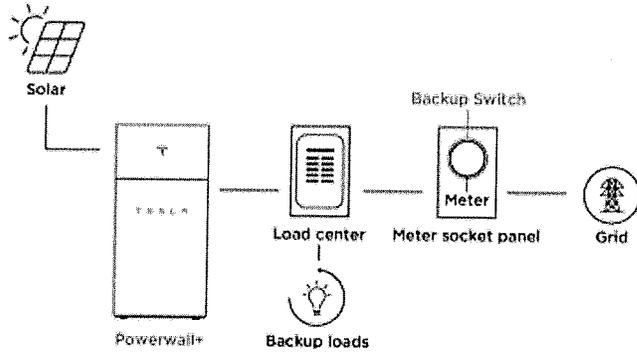
Tesla Solar Roof and Tesla/Zap 25 Arrays using the following modules are certified to UL 3741 and UL 1741 PVRSA when installed with the Powerwall+ and Solar Shutdown Devices. See the Powerwall+ Installation Manual for detailed instructions and for guidance on installing Powerwall+ and Solar Shutdown Devices with other modules.

Brand	Model	Required Solar Shutdown Devices
Tesla	Solar Roof V3	1 Solar Shutdown Device per 10 modules
Tesla	Tesla Txxx5 (where xxx = 405 to 450 W, increments of 5)	1 Solar Shutdown Device per 3 modules <sup>1</sup>
Tesla	Tesla Txxx4 (where xxx = 395 to 415 W, increments of 5)	1 Solar Shutdown Device per 3 modules
Hanwha	Q.PEAK DUO BLK-G5	1 Solar Shutdown Device per 3 modules
Hanwha	Q.PEAK DUO BLK-G6+	1 Solar Shutdown Device per 3 modules

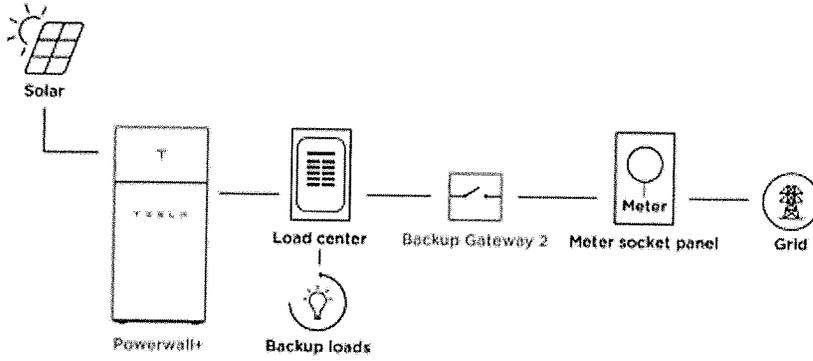
<sup>1</sup>Exception: Tesla solar modules installed in locations where the max Voc for three modules at low design temperatures exceeds 165 V shall be limited to two modules between MC4s.

## SYSTEM LAYOUTS

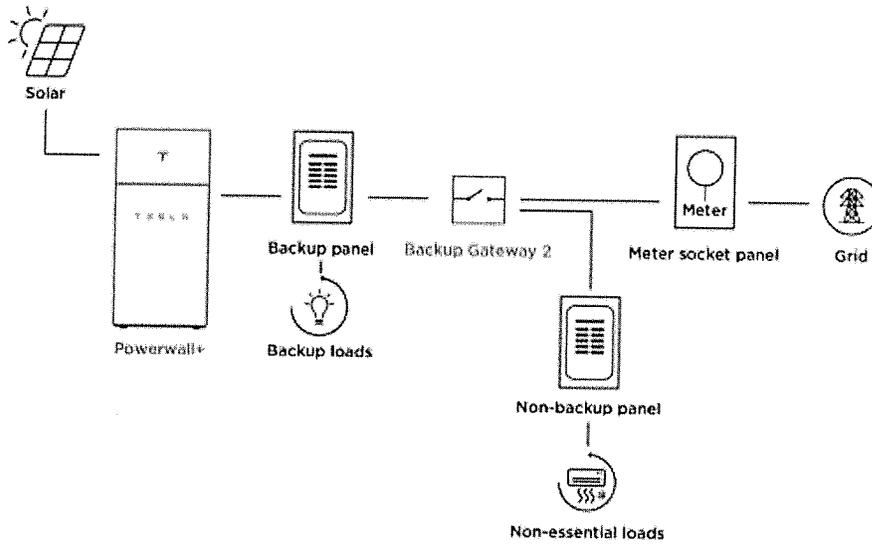
Powerwall+ with Backup Switch for Whole Home Backup



Powerwall+ with Backup Gateway 2 for Whole Home Backup



Powerwall+ with Backup Gateway 2 for Partial Home Backup



TESLA

PA 2022-07-18

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## **Appendix 4:** EPA's Published Summary of Non-attainment Areas Population Exposure Report & Status of Puerto Rico Designated Areas

EPA's Published Summary of Nonattainment Areas  
Population Exposure Report & Status of Puerto Rico  
Designated Areas



## Summary Nonattainment Area Population Exposure Report

Data is current as of June 30, 2025

Ordered by state(s)

The NO<sub>2</sub> nonattainment area became a maintenance area on September 22, 1998. All Carbon Monoxide areas were redesignated to maintenance areas as of September 27, 2010. 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.

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

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO <sub>2</sub> (2010)	SO <sub>2</sub> (1971)	Lead (2008)	Lead (1978)
AK	Fairbanks				87(1)						
AZ	Douglas/Paul Spur (Cochise County)						17(1)				
AZ	Hayden/Miami						26(2)	20(2)	5(1)	5(1)	
AZ	Nogales						30(1)				
AZ	Phoenix-Mesa	3,945(1)	3,850(1)				3,853(1)				
AZ	Rillito (Pima County)						1(1)				
AZ	West Pinal				52(1)		283(1)				
AZ	Yuma	87(1)					101(1)				
CA	Amador and Calaveras Cos (Central Mountain Cos)	84(2)	46(1)								
CA	Chico	220(1)	220(1)								
CA	Imperial County	175(1)	175(1)	154(1)	154(1)						
CA	Los Angeles-South Coast Air Basin	15,704(3)	15,723(3)	15,716(1)	15,716(1)	15,716(1)				9,437(1)	
CA	Mariposa and Tuolumne Cos (Southern Mountain Cos)	74(2)	18(1)								
CA	Mono County						0(1)				
CA	Nevada County (Western Part)	82(1)	82(1)								
CA	Owens Valley						7(1)				
CA	Plumas County			6(1)							
CA	Sacramento Metro	2,240(1)	2,241(1)		2,206(1)						
CA	San Diego	3,077(1)	3,095(1)								
CA	San Francisco-Bay Area	6,969(1)	6,973(1)		6,971(1)						



State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO <sub>2</sub> (2010)	SO <sub>2</sub> (1971)	Lead (2008)	Lead (1978)
MO	Iron, Dent, and Reynolds Counties									0(1)	
MO	New Madrid County							0(1)			
MO-IL	St. Louis	2,488(1)								5(1)	3(1)
MT	Billings/Laurel								7(1)		
MT	Lame Deer						1(1)				
MT	Polson (Lake County)						4(1)				
MT	Ronan (Lake County)						3(1)				
NV	Las Vegas	1,892(1)									
NY	Jamestown		135(1)								
NY	St. Lawrence County							12(1)			
NY-NJ-CT	New York-N. New Jersey-Long Island	20,217(1)	20,217(1)								
OH	Canton-Massillon									6(1)	
OH	Cleveland-Akron-Elyria	2,780(1)									
OR	Klamath Falls				47(1)						
PA	Clearfield and Indiana Counties							93(1)			
PA	Lancaster		519(1)								
PA	Pittsburgh-New Castle		2,356(1)	1,223(1)	21(1)	21(1)		20(2)	5(1)	18(1)	
PA	Reading		411(1)							49(2)	
PA	Warren County							18(1)			
PA-NJ	Allentown-Bethlehem-Easton		712(1)								
PA-NJ-DE-MD	Philadelphia-Wilmington-Atlantic City	7,437(1)	7,634(2)								
PR	Arecibo									32(1)	
PR	Guayama-Salinas							23(1)			
PR	San Juan							275(1)			
TN	Johnson City-Kingsport-Bristol							15(1)			
TX	Dallas-Fort Worth	6,202(1)	6,280(1)								
TX	Fairfield							4(1)			
TX	Houston-Sugar Land-Baytown	5,773(1)	5,892(1)								
TX	Howard County							0(1)			

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO <sub>2</sub> (2010)	SO <sub>2</sub> (1971)	Lead (2008)	Lead (1978)
TX	Hutchinson County							15(1)			
TX	Mount Pleasant							0(1)			
TX	Navarro County							2(1)			
TX	San Antonio	1,715(1)									
TX	Tatum							2(1)			
TX-NM	El Paso-Las Cruces	813(1)					652(2)				
UT	Provo	516(1)			518(1)						
UT	Salt Lake City	1,616(1)			1,665(1)				1,030(1)		
UT	Tooele County								58(1)		
UT	Uinta Basin	47(1)									
VA	Giles County							0(1)			
WI	Milwaukee-Racine	1,648(1)									
WI	Sheboygan	68(1)									
WV-OH	Parkersburg-Marietta							4(1)			
WY	Upper Green River Basin		11(1)								
<b>2010 Population in 1000s (area count) by Pollutant</b>											
Total Estimated 2010 Population in Nonattainment Areas (1000's)		<b>8-Hour Ozone (2015)</b>	<b>8-Hour Ozone (2008)</b>	<b>PM-2.5 (2012)</b>	<b>PM-2.5 (2006)</b>	<b>PM-2.5 (1997)</b>	<b>PM-10 (1987)</b>	<b>SO<sub>2</sub> (2010)</b>	<b>SO<sub>2</sub> (1971)</b>	<b>Lead (2008)</b>	<b>Lead (1978)</b>
Across All Criteria Pollutants: 121,102		114,981 (46)	90,288 (34)	20,942 (5)	31,280 (11)	19,579 (3)	5,605 (20)	1,900 (28)	1,106 (7)	9,561 (11)	3 (1)

The Summary Population Exposure Report is a summary of the population living in an area that is in nonattainment for at least one of the NAAQS.

**Area Name:**

The "State(s) Area Name" column contains a common or general name for the nonattainment areas on the row, but may not reflect the exact name of any area on the row. This column cannot be exact since the nonattainment area for one pollutant may not contain the same counties, cities, or states as the nonattainment area for another pollutant on the same row. The abbreviations listed in the "State(s)" column reflect all states identified in row. However, some states on a row may be nonattainment for some pollutants and not for others in the general area. A multi-state area with states that have not all been redesignated to maintenance is counted as a nonattainment area until all of the states in the area are redesignated, with the whole area population displayed.

logo

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

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

Data is current as of June 30, 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/m<sup>3</sup>) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

Important Notes

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

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

Important Notes

# Status of Puerto Rico Designated Areas

## Puerto Rico Areas by NAAQS

NOTE: As of 03/12/2021, these reports are no longer being updated. For the latest information, see the [SIP Status Tools](#).

Jump to Puerto Rico section for: [CO \(1971\)](#) [Lead \(1978\)](#) [Lead \(2008\)](#) [NO2 \(1971\)](#) [Ozone-1Hr \(1979\)](#) [Ozone-8Hr \(1997\)](#) [Ozone-8Hr \(2008\)](#) [Ozone-8Hr \(2015\)](#) [PM-10 \(1987\)](#) [PM-2.5 \(1997\)](#) [PM-2.5 \(2006\)](#) [PM-2.5 \(2012\)](#) [SO2 \(1971\)](#) [SO2 \(2010\)](#)

<b>Puerto Rico CO (1971) Areas</b> <a href="#">Return to map</a>											
No designated areas for this pollutant.											
<b>Puerto Rico Lead (1978) Areas</b> <a href="#">Return to map</a> Top of page											
No designated areas for this pollutant.											
<b>Puerto Rico Lead (2008) Areas</b> <a href="#">Return to map</a> Top of page											
<a href="#">Click on the Area name to view SIP Required Elements</a>											
Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Design Value Annual (µg/m <sup>3</sup> ) (entire area)	Meets NAAQS	SIP Requirements Original/ Approved	Clean Air Determination Citation Effective Date <a href="#">Click to view FR notice</a>	Redesignation Request Date	Redesignation Citation Effective Date <a href="#">Click to view FR notice</a>
<a href="#">Arecibo</a>	Nonattainment	12/31/2011		32,185	2017-2019	0.18	No	6 / 6			
<b>Puerto Rico NO2 (1971) Areas</b> <a href="#">Return to map</a> Top of page											
No designated areas for this pollutant.											
<b>Puerto Rico Ozone-1Hr (1979) Areas</b> <a href="#">Return to map</a> Top of page											

No designated areas for this pollutant.

**Puerto Rico Ozone-8Hr (1997) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico Ozone-8Hr (2008) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico Ozone-8Hr (2015) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico PM-10 (1987) Areas** [Return to map](#) Top of page

<a href="#">Click on the Area name to view SIP Required Elements</a>	Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	Average Estimated Exceedances (est. exc.) (entire area)	Meets NAAQS	SIP Requirements Original/ Approved	Clean Air Determination Citation Effective Date <a href="#">Click to view FR notice</a>	Redesignation Request Date	Redesignation Citation Effective Date <a href="#">Click to view FR notice</a>
	<a href="#">Guaynabo County</a>	Maintenance	11/15/1990	Moderate	90,470	2017-2019		Insufficient Data	3 / 3		03/31/2009	02/11/2010 <a href="#">75 FR 1543</a>

**Puerto Rico PM-2.5 (1997) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico PM-2.5 (2006) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico PM-2.5 (2012) Areas** [Return to map](#) Top of page

No designated areas for this pollutant.

**Puerto Rico SO2 (1971) Areas** [Return to map](#) [Top of page](#)

No designated areas for this pollutant.

**Puerto Rico SO2 (2010) Areas** [Return to map](#) [Top of page](#)

<a href="#">Click on the Area name to view SIP Required Elements</a>	Area	Status	Designation Date	Classification	2010 Population (state portion)	Meets NAAQS Basis	3 Year 1-Hour Design Value (ppb) (entire area)	Meets NAAQS	SIP Requirements Original/ Approved	Clean Air Determination Citation Effective Date <a href="#">Click to view FR notice</a>	Redesignation Request Date	Redesignation Citation Effective Date <a href="#">Click to view FR notice</a>
	<a href="#">Guayama-Salinas</a>	Nonattainment	04/09/2018		23,401	2017-2019		No Data	6 / 0			
	<a href="#">San Juan</a>	Nonattainment	04/09/2018		275,267	2017-2019		No Data	6 / 0			

We have made our best effort to ensure that the data contained in these reports is accurate. We note that there may be brief delays in updating the reports as we receive new state submissions and we take rulemaking action on plans. In order to assist us in providing accurate information, we request that you contact us by clicking on the "Contact Us" link near the top of this page with any comments regarding or corrections to the posted information, including concerns about whether the entries reflect the most recent status.

Current and historical design value data can be found on the [EPA Air Quality Design Values website](#) and the [EPA Green Book](#) contains comprehensive nonattainment area, designation status, and historical information.

The level of the 1-hour NAAQS for sulfur dioxide is 75 parts per billion (ppb) calculated as the 3-year average of the 99th percentile of the annual distribution of daily maximum 1-hour average concentrations.

**Appendix 5:** RADON Memo to file and  
supporting documentations and  
ECHO Reports



DEPARTMENT OF

# HOUSING

GOVERNMENT OF PUERTO RICO



## Memorandum to File

**Date:** July 1, 2025

**From:** Patricia Carmenatty Santiago

Environmental Specialist

Behar Ybarra & Associates LLC

CDBG-DR Program

Electrical Power Reliability and Resilience Program (ER2)

Puerto Rico Department of Housing

**Application Number:** PR-ESP-00191

**Project:** Pao's Pharmacy Inc

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

After reviewing Application Number PR-ESP-00191 under the Electrical Power Reliability and Resilience Program (ER2), 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.
- 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.



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](mailto:guerrero.carmen@epa.gov)

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

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

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

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

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

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

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

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

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

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

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

Sincerely,

William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: [Mr. Oleg Povelko\\_Povelko.Oleg@epa.gov](mailto:Mr. Oleg Povelko_Povelko.Oleg@epa.gov)  
[Mr. Matthew Lautta\\_lautta.matthew@epa.gov](mailto:Mr. Matthew Lautta_lautta.matthew@epa.gov)



August 20, 2024

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

Via email: [silvina.cancelos@upr.edu](mailto:silvina.cancelos@upr.edu)

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

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

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Sincerely,

William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: [Dr. Carlos Marín\\_carlos.marin3@upr.edu](mailto:Dr. Carlos Marín_carlos.marin3@upr.edu)



August 20, 2024

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

Via email: [OIA@cdc.gov](mailto:OIA@cdc.gov)

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

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

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Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365  
Tel. (787) 274-2527 | [www.viviendia.pr.gov](http://www.viviendia.pr.gov)

CDBG-DR/MIT Program  
Request for Information in relation with HUD CPD-23-103 for Puerto Rico  
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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,  
Río Piedras San Juan, PR 00926

Via email: [anais.rodriguez@dma.pr.gov](mailto:anais.rodriguez@dma.pr.gov)

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

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

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Sincerely,

  
William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: Mr. Luis Márquez, [secretariogaire@dma.pr.gov](mailto:secretariogaire@dma.pr.gov)  
Eng. Amarilys Rosario, [aire@dma.pr.gov](mailto:aire@dma.pr.gov)  
Mrs. Elid Ortega, [ortega@dma.pr.gov](mailto:ortega@dma.pr.gov)



August 20, 2024

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

Via email: [drCarlos.mellado@salud.pr.gov](mailto:drCarlos.mellado@salud.pr.gov)

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

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

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August 20, 2024

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

Via email: [hswyers@usgs.gov](mailto:hswyers@usgs.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. Raúl Hernández Dabla, [rahernandez2@salud.pr.gov](mailto:rahernandez2@salud.pr.gov)

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Sincerely,

William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: Mr. R. Randall Schumann, [rschumann@usgs.gov](mailto:rschumann@usgs.gov)

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

Good morning, Sandra and others,

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

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. 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](mailto: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](mailto: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](mailto:silvina.cancelos@upr.edu)>  
**Sent:** Friday, September 6, 2024 15:04  
**To:** Melanie Medina Smaine <[mmedina@vivienda.pr.gov](mailto:mmedina@vivienda.pr.gov)>  
**Cc:** Elaine Dume Mejia <[Edume@vivienda.pr.gov](mailto:Edume@vivienda.pr.gov)>; Luz S Colon Ortiz <[Lcolon@vivienda.pr.gov](mailto:Lcolon@vivienda.pr.gov)>; Aldo A. Rivera-Vazquez <[aarivera@vivienda.pr.gov](mailto:aarivera@vivienda.pr.gov)>; Maritza Rosa Olivares <[maritzarosaolivares@drna.pr.gov](mailto:maritzarosaolivares@drna.pr.gov)>; Reyes, Brenda <[Reyes.Brenda@epa.gov](mailto:Reyes.Brenda@epa.gov)>; Povetko, Oleg <[Povetko.Oleg@epa.gov](mailto:Povetko.Oleg@epa.gov)>  
**Subject:** Re: Request for Information- Randon testing and levels

Estimada Melanie Medina  
Quería dejarte 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](mailto: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.<sup>1</sup> 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.

<sup>1</sup> 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, 7<sup>TH</sup> FLOOR  
ROUTE 185 GUAYNABO, PR 00988

2

If you have any questions or need any additional information, please contact me at 787-977-5865 or [guerrero.carmen@epa.gov](mailto:guerrero.carmen@epa.gov) or have your staff contact Reyes, Brenda at [reyes.brenda@epa.gov](mailto: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](mailto:mmedina@vivienda.pr.gov)  
Elaine Dume Mejia: [Edume@vivienda.pr.gov](mailto:Edume@vivienda.pr.gov)  
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Cesar O. Rodriguez: [cesarrodriquez@drna.pr.gov](mailto:cesarrodriquez@drna.pr.gov)  
Marita Rosa Olivares: [maritzarosaolivares@drna.pr.gov](mailto:maritzarosaolivares@drna.pr.gov)

## **ECHO Reports**



# Detailed Facility Report

## Facility Summary

**FRANCISCO SANCHEZ SS**

**JOSE I QUINTON 135, COAMO, PR 00640**

**FRS (Facility Registry Service) ID:** 110006434055

**EPA Region:** 02

**Latitude:** 18.080163

**Longitude:** -66.35527

**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, (PRR000010587)

**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		110006434055					N	18.080163	-66.35527
RCRAInfo	RCRA	PRR000010587	Other	Inactive ( )			N	18.080163	-66.35527

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006434055	FRANCISCO SANCHEZ SS	JOSE I QUINTON 135, COAMO, PR 00640	Coamo Municipio
RCRAInfo	RCRA	PRR000010587	FRANCISCO SANCHEZ SS	JOSE I QUINTON 135, COAMO, PR 00640	Coamo Municipio

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

## Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

## Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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	PRR000010587	No	05/31/2025	0	05/30/2025

## 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
RCRA	(Source ID: PRR000010587)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	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)
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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))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	7,900	Children 5 years and younger	407 (5%)
Population Density	2,531/sq.mi.	Minors 17 years and younger	1,253 (16%)
Housing Units in Area	4,215	Adults 18 years and older	6,645 (84%)
Percent People of Color	100%	Seniors 65 years and older	2,010 (25%)
Households in Area	3,404	<b>Race Breakdown (ACS (American Community Survey)) - Persons (%)</b>	
Households on Public Assistance	203	White	2,784 (35%)
Persons With Low Income	6,584	African-American	981 (12%)
Percent With Low Income	83%	Hispanic-Origin	7,856 (99%)
<b>Geography</b>		Asian	0 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.080163	American Indian	1 (0%)
Center Longitude	-66.35527	Other/Multiracial	439 (6%)
Total Area	--	<b>Education Level (Persons 25 &amp; older) (ACS (American Community Survey)) - Persons (%)</b>	
Land Area	100%	Less than 9th Grade	968 (15.76%)
Water Area	0%	9th through 12th Grade	501 (8.16%)
<b>Income Breakdown (ACS (American Community Survey)) - Households (%)</b>		High School Diploma	2,620 (42.66%)
Less than \$15,000	1,753 (51.54%)	Some College/2-year	498 (8.11%)
\$15,000 - \$25,000	584 (17.17%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,103 (17.96%)
\$25,000 - \$50,000	652 (19.17%)		
\$50,000 - \$75,000	246 (7.23%)		
Greater than \$75,000	166 (4.88%)		



# Detailed Facility Report

## Facility Summary

**MUNICIPIO DE COAMO ESCUELA DE BELLAS ARTES**

**73 JOSE I QUINTON ST, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110044306444

**EPA Region:** 02

**Latitude:** 18.07959

**Longitude:** -66.36083

**Locational Data Source:** FRS

**Industries:** Executive, Legislative, and Other General Government Support

**Indian Country:** N

## Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
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, (PRR000023549)

**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		110044306444					N	18.07959	-66.36083
RCRAInfo	RCRA	PRR000023549	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110044306444	MUNICIPIO DE COAMO ESCUELA DE BELLAS ARTES	73 JOSE I QUINTON ST, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRR000023549	MUNICIPIO DE COAMO ESCUELA DE BELLAS ARTES	73 JOSE I QUINTON ST, COAMO, PR 00769	Coamo 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	PRR000023549	92111	Executive Offices

### 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	PRR000023549	No	05/31/2025	0	05/30/2025

### 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
RCRA (Source ID: PRR000023549)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	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)
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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	7,740
Population Density	2,480/sq.mi.
Housing Units in Area	4,091
Percent People of Color	100%
Households in Area	3,295
Households on Public Assistance	172
Persons With Low Income	6,391
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.07959
Center Longitude	-66.36083
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,715 (52.11%)
\$15,000 - \$25,000	571 (17.35%)
\$25,000 - \$50,000	614 (18.66%)
\$50,000 - \$75,000	250 (7.6%)
Greater than \$75,000	141 (4.28%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	385 (5%)
Minors 17 years and younger	1,255 (16%)
Adults 18 years and older	6,487 (84%)
Seniors 65 years and older	1,696 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,741 (35%)
African-American	944 (12%)
Hispanic-Origin	7,696 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	1 (0%)
Other/Multiracial	390 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	805 (13.64%)
9th through 12th Grade	428 (7.25%)
High School Diploma	2,564 (43.45%)
Some College/2-year	468 (7.93%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,204 (20.4%)



# Detailed Facility Report

## Facility Summary

**MUNICIPIO DE COAMO TEATRO HOLLYWOOD**

**6 BALDORIOTY ST, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110044306453

**EPA Region:** 02

**Latitude:** 18.08076

**Longitude:** -66.35742

**Locational Data Source:** FRS

**Industries:** Executive, Legislative, and Other General Government Support

**Indian Country:** N

## Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
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, (PRR000023556)

**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		110044306453					N	18.08076	-66.35742
RCRAInfo	RCRA	PRR000023556	Other	Inactive ( )			N	18.080786	-66.357811

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110044306453	MUNICIPIO DE COAMO TEATRO HOLLYWOOD	6 BALDORIOTY ST, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRR000023556	MUNICIPIO DE COAMO TEATRO HOLLYWOOD	6 BALDORIOTY ST, COAMO, PR 00769	Coamo 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	PRR000023556	92111	Executive Offices

### 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	PRR000023556	No	05/31/2025	0	05/30/2025

### 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
RCRA (Source ID: PRR000023556)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	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)
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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	8,010
Population Density	2,566/sq.mi.
Housing Units in Area	4,255
Percent People of Color	100%
Households in Area	3,441
Households on Public Assistance	199
Persons With Low Income	6,649
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.08076
Center Longitude	-66.35742
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,766 (51.37%)
\$15,000 - \$25,000	590 (17.16%)
\$25,000 - \$50,000	661 (19.23%)
\$50,000 - \$75,000	256 (7.45%)
Greater than \$75,000	165 (4.8%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	407 (5%)
Minors 17 years and younger	1,271 (16%)
Adults 18 years and older	6,738 (84%)
Seniors 65 years and older	1,989 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,832 (35%)
African-American	985 (12%)
Hispanic-Origin	7,966 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	1 (0%)
Other/Multiracial	439 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	943 (15.2%)
9th through 12th Grade	496 (7.99%)
High School Diploma	2,658 (42.84%)
Some College/2-year	503 (8.11%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,145 (18.46%)



# Detailed Facility Report

## Facility Summary

**NEW YORK DRY CLEANER**

**19 JOSE I QUINTO, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110014362144

**EPA Region:** 02

**Latitude:** 18.080212

**Longitude:** -66.355968

**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, (PRN008009706)

**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		110014362144					N	18.080212	-66.355968
RCRAInfo	RCRA	PRN008009706	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110014362144	NEW YORK DRY CLEANER	19 JOSE I QUINTO, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRN008009706	NEW YORK DRY CLEANER	19 JOSE I QUINTO, COAMO, PR 00769	Coamo Municipio

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

### Facility Tribe Information

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

### Enforcement and Compliance

### Compliance Monitoring History

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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	PRN008009706	No	05/31/2025	0	05/30/2025

### 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
RCRA	(Source ID: PRN008009706)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	Violation Agency											

### Informal Enforcement Actions

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

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

### Environmental Conditions

### Watersheds

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

## Assessed Waters From Latest State Submission (ATTAINS)

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

## Air Quality Nonattainment Areas

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

Pollutants

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

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

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	7,987
Population Density	2,559/sq.mi.
Housing Units in Area	4,251
Percent People of Color	100%
Households in Area	3,438
Households on Public Assistance	203
Persons With Low Income	6,646
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.080212
Center Longitude	-66.355968
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,767 (51.37%)
\$15,000 - \$25,000	592 (17.21%)
\$25,000 - \$50,000	661 (19.22%)
\$50,000 - \$75,000	252 (7.33%)
Greater than \$75,000	168 (4.88%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	410 (5%)
Minors 17 years and younger	1,267 (16%)
Adults 18 years and older	6,721 (84%)
Seniors 65 years and older	2,019 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,820 (35%)
African-American	989 (12%)
Hispanic-Origin	7,942 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	1 (0%)
Other/Multiracial	442 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	968 (15.6%)
9th through 12th Grade	503 (8.11%)
High School Diploma	2,649 (42.7%)
Some College/2-year	504 (8.12%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,123 (18.1%)



# Detailed Facility Report

## Facility Summary

### PAINT PRO

132 JOSE I QUINTON ST, COAMO, PR 00769

FRS (Facility Registry Service) ID: 110043650607

EPA Region: 02

Latitude: 18.07631

Longitude: -66.36206

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	06/29/2011
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):** No Information

**Clean Water Act (CWA):** No Information

**Resource Conservation and Recovery Act (RCRA):** Inactive Other, (PRN008023822)

**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		110043650607					N	18.07631	-66.36206
RCRAInfo	RCRA	PRN008023822	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110043650607	PAINT PRO	132 JOSE I QUINTON ST, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRN008023822	PAINT PRO	132 JOSE I QUINTON ST, COAMO, PR 00769	Coamo Municipio

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

### Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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	PRN008023822	No	05/31/2025	0	05/30/2025

### 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
RCRA	(Source ID: PRN008023822)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	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)
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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))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	7,937	Children 5 years and younger	387 (5%)
Population Density	2,543/sq.mi.	Minors 17 years and younger	1,298 (16%)
Housing Units in Area	4,135	Adults 18 years and older	6,640 (84%)
Percent People of Color	100%	Seniors 65 years and older	1,636 (21%)
Households in Area	3,342	<b>Race Breakdown (ACS (American Community Survey)) - Persons (%)</b>	
Households on Public Assistance	169	White	2,838 (36%)
Persons With Low Income	6,509	African-American	961 (12%)
Percent With Low Income	82%	Hispanic-Origin	7,898 (100%)
<b>Geography</b>		Asian	0 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.07631	American Indian	1 (0%)
Center Longitude	-66.36206	Other/Multiracial	397 (5%)
Total Area	--	<b>Education Level (Persons 25 &amp; older) (ACS (American Community Survey)) - Persons (%)</b>	
Land Area	100%	Less than 9th Grade	781 (13.04%)
Water Area	0%	9th through 12th Grade	402 (6.71%)
<b>Income Breakdown (ACS (American Community Survey)) - Households (%)</b>		High School Diploma	2,589 (43.24%)
Less than \$15,000	1,716 (51.32%)	Some College/2-year	498 (8.32%)
\$15,000 - \$25,000	595 (17.79%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,281 (21.39%)
\$25,000 - \$50,000	626 (18.72%)		
\$50,000 - \$75,000	263 (7.86%)		
Greater than \$75,000	144 (4.31%)		



# Detailed Facility Report

## Facility Summary

**PAINT PRO INC**

**CALLE JOSE A QUINTON #132, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110070595515

**EPA Region:** 02

**Latitude:** 18.076311

**Longitude:** -66.362088

**Locational Data Source:** RCRAINFO

**Industries:** Repair and Maintenance

**Indian Country:** N

## Enforcement and Compliance Summary

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

## Regulatory Information

**Clean Air Act (CAA):** No Information

**Clean Water Act (CWA):** No Information

**Resource Conservation and Recovery Act (RCRA):** Active SQG, (PRR000026518)

**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		110070595515					N	18.076311	-66.362088
RCRAInfo	RCRA	PRR000026518	SQG	Active (H)			N	18.076311	-66.362088

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070595515	PAINT PRO INC	CALLE JOSE A QUINTON #132, COAMO, PR 00769	Coamo Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
RCRAInfo	RCRA	PRR000026518	PAINT PRO INC	CALLE JOSE A QUINTON #132, COAMO, PR 00769	Coamo 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	PRR000026518	811121	Automotive Body, Paint, and Interior Repair and Maintenance

### 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	PRR000026518	No	05/31/2025	0	05/30/2025

### 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
RCRA (Source ID: PRR000026518)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	Violation Agency											

### Informal Enforcement Actions Last 5 Years

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

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

### Formal Enforcement Actions Last 5 Years

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

### Environmental Conditions

### Watersheds

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

### Assessed Waters From Latest State Submission (ATTAINS)

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

## Air Quality Nonattainment Areas

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

### Pollutants

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

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

No data records returned

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

Chemical Name
---------------

No data records returned

### Community

## 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))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	7,941	Children 5 years and younger	387 (5%)
Population Density	2,544/sq.mi.	Minors 17 years and younger	1,300 (16%)
Housing Units in Area	4,136	Adults 18 years and older	6,643 (84%)
Percent People of Color	100%	Seniors 65 years and older	1,637 (21%)
Households in Area	3,343		
Households on Public Assistance	169	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	6,511	White	2,838 (36%)
Percent With Low Income	82%	African-American	962 (12%)
		Hispanic-Origin	7,902 (100%)
		Asian	0 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	1 (0%)
		Other/Multiracial	397 (5%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	783 (13.07%)
Center Latitude	18.076311	9th through 12th Grade	402 (6.71%)
Center Longitude	-66.362088	High School Diploma	2,590 (43.22%)
Total Area	--	Some College/2-year	499 (8.33%)
Land Area	100%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,282 (21.4%)
Water Area	0%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,715 (51.32%)		
\$15,000 - \$25,000	595 (17.8%)		
\$25,000 - \$50,000	625 (18.7%)		
\$50,000 - \$75,000	263 (7.87%)		
Greater than \$75,000	144 (4.31%)		



# Detailed Facility Report

## Facility Summary

**PRASA COAMO URANO**

**PR-155 HM 1, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110009700314

**EPA Region:** 02

**Latitude:** 18.085149

**Longitude:** -66.362896

**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	08/28/2025
<b>Compliance Status</b>	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	\$0
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
<b>Compliance Status</b>	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 (PR0022764)

**Resource Conservation and Recovery Act (RCRA):** Inactive Other, (PRD980534614)

**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		110009700314					N	18.085149	-66.362896
ICIS		44484					N	18.086628	-66.361281
ICIS		32235					N	18.086628	-66.361281
ICIS-NPDES	CWA	PR0022764	Non-Major: NPDES Individual Permit	Effective		05/31/2029	N	18.088611	-66.361667
RCRAinfo	RCRA	PRD980534614	Other	Inactive ( )			N	18.084995	-66.362519

**Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110009700314	PRASA COAMO URANO	PR-155 HM 1, COAMO, PR 00769	Coamo Municipio
ICIS		44484	PRASA COAMO FILTER PLANT	CARR 155 KM 1.1, COAMO, PR 00769	Coamo Municipio
ICIS		32235	PRASA COAMO URANO	CARRETERA 155 KM 1.1, COAMO, PR 00769	Coamo Municipio
ICIS-NPDES	CWA	PR0022764	PRASA COAMO WTP	ROAD 155 HM 1, COAMO, PR 00769	Coamo Municipio
RCRAinfo	RCRA	PRD980534614	PRASA COAMO FILTER PLANT	CARR 155 KM 1.1, COAMO, PR 00769	Coamo Municipio

**Facility SIC (Standard Industrial Classification) Codes**

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0022764	4941	Water Supply

**Facility NAICS (North American Industry Classification System) Codes**

System	Identifier	NAICS Code	NAICS Description
No data records returned			

**Facility Industrial Effluent Guidelines**

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
PR0022764	000	No Applicable Effluent Guidelines

**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)
CWA	PR0022764	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	EPA	08/28/2025	

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)/MPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PR0022764	No	06/30/2025	0	09/12/2025
RCRA	PRD980534614	No	09/13/2025	0	09/12/2025

### 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: PR0022764)	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	07/01-09/12/25
	Facility-Level Status	No Violation Identified	Undetermined											
	Quarterly Noncompliance Report History	Resolved - Pending												
	Pollutant	Disch Point	Mon Loc	Freq										
CWA	Chlorine, total residual <effluent-charts#pr0022764/50060>  <https://epa.gov/effluent-charts#pr0022764/50060>	001 - A	Effluent Gross	NMth						718%				
CWA	Phosphorus, total [as P] <effluent-charts#pr0022764/00665>  <https://epa.gov/effluent-charts#pr0022764/00665>	001 - A	Effluent Gross	NMth	13%	41%					6%			

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	Temperature, water deg. centigrade <effluent-charts#pr0022764/00010> 001 - Effluent A Gross NMth									3%	1%			

CWA	Turbidity <effluent-charts#pr0022764/00070> 001 - Effluent Q Gross NMth													
-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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: PRD980534614)		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											
	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
CWA	ICIS- NPDES	301	NPDES/ PR0022764	Judicial	02-2011-0007	EPA	PRASA - Puerto Nuevo Regional WWTP et al.	09/15/2015	2	05/23/2016	\$0	--	--	--	\$700,000,000
										03/22/2024	\$0	--	--	--	\$530,000,000

### 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?
210100040403	Rio Coamo at Lago Coamo Dam	COAMO RIVER	No	No	Copper, total (as Cu)   Phosphorus, total (as P)   Temperature, water deg. centigrade	Yes

### Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2024	PRSR57A2	RIO COAMO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   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	2020	2021	2022	2023	2024
No data records returned					

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description	2020	2021	2022	2023	2024
PR0022764	DMR Pollutant Loadings (lb/year)	58.99	140	104	142	37.60
PR0022764	DMR Pollutant Loadings - Load Over Limit (lb/year)	0	65.34	3.45	13.19	3.34
PR0022764	DMR Conventional Loadings (lb/year)	--	--	--	--	--
PR0022764	DMR Conventional Loadings - Load Over Limit (lb/year)	--	--	--	--	0
PR0022764	DMR Toxic-Weighted Loadings (lb-eq/year)	4.41	2.24	1.79	3.78	6.14
PR0022764	DMR Toxic-Weighted Loadings - Load Over Limit (lb-eq/year)	0	0	0	0	1.47

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	6,844
Population Density	2,193/sq.mi.
Housing Units in Area	3,723
Percent People of Color	100%
Households in Area	2,981
Households on Public Assistance	163
Persons With Low Income	5,744
Percent With Low Income	84%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.085149
Center Longitude	-66.362896
Total Area	3.121 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,603 (53.74%)
\$15,000 - \$25,000	512 (17.16%)
\$25,000 - \$50,000	532 (17.83%)
\$50,000 - \$75,000	213 (7.14%)
Greater than \$75,000	123 (4.12%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	350 (5%)
Minors 17 years and younger	1,121 (16%)
Adults 18 years and older	5,723 (84%)
Seniors 65 years and older	1,548 (23%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,385 (35%)
African-American	852 (12%)
Hispanic-Origin	6,800 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	342 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	742 (14.15%)
9th through 12th Grade	404 (7.71%)
High School Diploma	2,288 (43.65%)
Some College/2-year	394 (7.52%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,048 (19.99%)

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# Civil Enforcement Case Report

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## Civil Enforcement Case

### Basic Information

**Case Number:** 02-2011-0007

**Case Name:** PRASA - Puerto Nuevo Regional WWTP et al.

**Case Category:** Judicial

**Case Status (as of 03/22/2024):** Final Order Entered

**Case Lead:** EPA

**Court Docket Number:** 3:15-cv-02283

**DOJ Docket Number:** --

**Relief Sought:** --

**Enforcement Outcome:** Final Order No Penalty

**Headquarters Division:** --

**Branch:** WGL

**Result of Voluntary Disclosure?:** No

**Multi-media Case?:** --

**Enforcement Type:** Civil Judicial Action

**Violations:** Discharge Without Or In Violation Of A 404 Permit, Failure To Report Information As Required, Sanitary Sewer Overflows, Violation Of A Previously Issued AO, Violations Of Reporting Requirements

### Penalties/SEPs/Compliance Action Costs/Cost Recovery Amounts – Case Level

**Total Federal Penalty Assessed or Agreed To:** \$0

**Total State/Local Penalty Assessed:** \$0

**Total SEP Value:** \$0

**Total Compliance Action Cost:** \$1,230,000,000

**Total Cost Recovery:** \$0

**Penalty Amount Collected:** \$0

## Case Summary

The Consent Decree resolves the Clean Water Act enforcement litigation against the Puerto Rico Aqueduct and Sewer Authority (PRASA) for unauthorized discharges of pollutants in violation of Section 301 of the Act, and for violations of the Puerto Nuevo Wastewater Treatment Plant (Puerto Nuevo WWTP) NPDES permit. In addition, the Consent Decree consolidates three CDs that are currently in effect, and incorporates and re-distributes the pending injunctive obligations thereunder. The Puerto Nuevo WWTP injunctive relief provided in this proposed CD, along with that provided in the Municipality of San Juan, the Department of Natural and Environmental Resources, and the Department of Transportation and Public Works Consent Decrees, comprise the Regional initiative to bring much needed relief to the impoverished Martin Pena communities. EPA included in the consolidation the violations Region 2 had documented for PRASA's Puerto Nuevo WWTP sewage collection system. These violations resolved in the proposed CD consist of discharges of pollutants (primarily, untreated sewage) into the Cano Martin Pena, Condado Lagoon, San Juan Bay and Atlantic Ocean, all of which are waters of the United States, which occurred due to poor maintenance and operation of the collection system (primarily, sanitary sewer overflows). PRASA owns and operates an immense number of facilities due to the topography of the island and the number of isolated communities that are scattered throughout Puerto Rico. PRASA operates many more treatment facilities than mainland utilities that serve a similar number of customers, which has made operation and maintenance unsustainably complex and expensive. In addition, as PRASA is a public corporation of Puerto Rico, the Commonwealth is joined in this action pursuant to Section 309(e) of the Act. On March 22, 2024, the court in the District of Puerto Rico issued an order granting the Motion to Approve the First Modification of the Consent Decree, which was filed with the court on February 7, 2024. The revised version of the Consent Decree Modification was originally lodged by DOJ in June 2023. The Modification grants PRASA additional time to complete certain CWA infrastructure projects (due to recent natural disasters and PRASA's financial circumstances), adds a number of additional projects (estimated to cost \$534 million), and makes certain improvements to the Consent Decree. It also includes a number of provisions designed to increase transparency and accountability, whereby PRASA will post relevant financial and operational information on its website, such as its budget, debt service coverage ratio, annual financial report, as well as semi-annual information concerning the location and status of sewage overflows.

## Laws and Sections

Law ↑	Sections ↓	Programs ↓
CWA	301, 301/402	NPDES Discharge without a Permit, NPDES Permit Violations

## Citations

Title ↑	Part ↓	Section ↓
40 CFR	122	--

## Facilities

FRS Number ↑	Program System Identifier ↓	Facility Name ↓	Address ↓	City Name ↓	State ↓	Zip ↓
110000557255	PR0025721	PRASA GUAJATACA WTP	STATE ROAD 1 19 KM 191	ISABELA	PR	006
110000557424	PR0020427	PRASA CIALES WWTP	STATE ROAD 149, KM 12.1	CIALES	PR	006
110000561222	PR0020745	PRASA OROCOVIS WWTP	PLANT	OROCOVIS	PR	009

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110000561259	PR0022705	PRASA OROCOVIS WTP	ROAD 568, KM 3	OROCOVIS	PR	007
110000561419	PR0020460	PRASA DORADO WWTP	STATE ROAD 693, KM 5.6	DORADO	PR	006
110000561605	PR0022438	PRASA GUAYNABO WTP	ROAD 833, KM	GUAYNABO	PR	009
110000561623	PR0021679	PRASA VEGA BAJA WWTP	STATE ROAD #686, LOS NARANJOS WARD	VEGA BAJA	PR	006
110000561696	PR0023931	PRASA EL YUNQUE WTP	STATE ROAD 3, KM 25.9	RIO GRANDE	PR	007
110000576038	PR0025119	PRASA CEIBA SUR WTP	STATE RD. #9935, KM 1.5	JUNCOS	PR	006
110000577304	PR0025399	PRASA HUMACAO WWTP	STATE ROAD # 3	BO. RIO ABAJO	PR	006
110000577368	PR0022411	PRASA SERGIO CUEVAS WTP	ROAD 181, KM 3.0	TRUJILLO ALTO	PR	009
110000577652	PR0025747	PRASA COTO LAUREL WTP	ROAD 14 KM 82	PONCE	PR	007
110000577812	PR0025879	PRASA LARES WWTP	ROAD 452, KM 0.5	LARES	PR	007
110000719848	PR0022781	PRASA PONCE VIEJA WTP	BORINQUEN WARD, PRINCIPAL ST.	PONCE	PR	007
110000757208	PR0026531	PRASA JAYUYA NUEVA WWTP	ROAD 144 KM.1.0 (INTERIOR)	JAYUYA	PR	006
110000906814	PR0023795	PRASA MAYAGUEZ WWTP	STATE ROAD # 2	MAYAGUEZ	PR	007
110004889210	PR0022837	PRASA YABUCOA WTP	ROAD 3, KM 100.5	YABUCOA	PR	007
110004889283	PR0024163	PRASA HATILLO WTP	STATE ROAD 2, KM 88.9	HATILLO	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110006622547	PR0026085	PRASA SUPERACUEDUCTO (NORTE) WTP	PR ROAD NO 663	ARECIBO	PR	006
110006622583	PR0025461	PRASA AIBONITO WWTP	ANTIOQUIA STREET	AIBONITO	PR	006
110006622592	PR0023710	PRASA ARECIBO WWTP	STATE ROAD 681 KM 2	ARECIBO	PR	006
110006622609	PR0021237	PRASA BARCELONETA WWTP	STATE ROAD 684, KM 3.7	BARCELONETA	PR	006
110006622654	PR0025356	PRASA CAYEY WWTP	PR ROAD # 171	BO.RINCON OF CIDRA	PR	007
110006622681	PR0025658	PRASA COMERIO WWTP	STATE RD. #167, KM 0.6	COMERIO	PR	007
110006622690	PR0020451	PRASA COROZAL WWTP	STATE ROAD NO 818, KM 0.9	COROZAL	PR	006
110006622725	PR0022250	PRASA ISABELA WWTP	STATE ROAD NO 466	ISABELA	PR	006
110006622805	PR0020753	PRASA PATILLAS WWTP	STATE ROAD 3, KM 126.5	PATILLAS	PR	007
110006622814	PR0021563	PRASA PONCE WWTP	ROAD # 2 KM 258.5	PONCE	PR	007
110006622823	PR0021555	PRASA PUERTO NUEVO WWTP	J.F. KENNEDY AVE.	SAN JUAN	PR	009
110006622930	PR0022616	PRASA ENRIQUE ORTEGA WTP	ROAD 827, KM 5.6	TOA ALTA	PR	009
110006622994	PR0021661	PRASA YAUCO WWTP	STATE ROAD 335, KM 1.1	YAUCO	PR	007
110006693989	PR0022900	PRASA MAYAGUEZ WTP	11 DE AGOSTO-PONCE DE LEON	MAYAGUEZ	PR	006
110007803840	PR0020273	PRASA AGUAS BUENAS WWTP	STATE ROAD 173, KM 0.1	AGUAS BUENAS	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110007804386	PR0020648	PRASA MARICAO WWTP	STATE ROAD 357, KM 2	MARICAO	PR	007
110007804625	PR0020761	PRASA PENUELAS WWTP	STATE ROAD 132, KM 12.4	PENUELAS	PR	007
110007804796	PR0020818	PRASA SAN GERMAN WWTP	PR ROAD # 360 KM. 1.4	SAN GERMAN	PR	006
110007804812	PR0020851	PRASA SAN SEBASTIAN (OLD) WWTP	STATE ROAD 109, KM 29	SAN SEBASTIAN	PR	007
110007804821	PR0023761	PRASA SANTA ISABEL WWTP	ROAD 538, KM. 0.5	SANTA ISABEL	PR	007
110007804858	PR0020869	PRASA TOA ALTA WWTP	STATE ROAD 676, KM 1.8	TOA ALTA	PR	007
110007804894	PR0020923	PRASA VEGA ALTA WWTP	STATE ROAD 690, KM 2	VEGA ALTA	PR	007
110007804983	PR0021717	PRASA YABUCOA WWTP	STATE ROAD 901, KM 0.1	YABUCOA	PR	007
110007812876	PR0022918	PRASA AGUADILLA WTP	ROAD 459, KM 0.3	AGUADILLA	PR	006
110007817041	PR0023752	PRASA CAROLINA WWTP	ROAD 187, BARRIO TORRECILLA	SAN JUAN	PR	006
110007820117	PR0023744	PRASA CAMUY-HATILLO WWTP	STATE ROAD 485	CAMUY	PR	006
110007823007	PR0025976	PRASA CAGUAS WWTP	ROAD 796, KM. 6.6	CAGUAS	PR	007
110009002756	PR0024198	PRASA MOROVIS SUR WTP	STATE ROAD 618, KM 0.3	MOROVIS	PR	007
110009436066	PR0022519	PRASA CAYEY WTP	STATE ROAD NO 1 - KM 59.9	CAYEY	PR	006
110009700225	PR0020575	PRASA LAJAS WWTP	PR ROAD #101, KM 2.4	LAJAS	PR	006
110009700234	PR0020711	PRASA MOROVIS WWTP	STATE ROAD 155, KM 50	MOROVIS	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110009700298	PR0022691	PRASA ADJUNTAS WTP	ROAD 518 KM 0 HM 1	ADJUNTAS	PR	006
110009700314	PR0022764	PRASA COAMO WTP	ROAD 155 HM 1	COAMO	PR	007
110009700323	PR0022799	PRASA GUAYABOTA WTP	ROAD 3 R-900, KM 9.9	YABUCOA	PR	007
110009700332	PR0022829	PRASA HUMACAO-LAS PIEDRAS WTP	ROAD 198, KM 28.3	HUMACAO	PR	006
110009700350	PR0022896	PRASA AGUAS BUENAS WTP	ROAD 173, KM 0.4	AGUAS BUENAS	PR	007
110009700412	PR0022489	PRASA AIBONITO WTP	DOMINGO COLON STREET FINAL	ARECIBO	PR	009
110009700476	PR0025445	PRASA GUAYAMA WWTP	PR 710, KM 1.0.	GUAYAMA	PR	007
110009700519	PR0025810	PRASA HOGARES SEGUROS WTP	ROAD 143 KM. 13 HM. 3	PONCE	PR	007
110009700528	PR0025861	PRASA BARRANQUITAS WWTP	ROAD 719 KM. 0.2	BARRANQUITAS	PR	007
110009814184	PR0025968	PRASA JAGUAS Y PESAS WTP	STATE ROAD # 615 KM 4.2	CIALES	PR	006
110009814246	PR0026077	PRASA CAYEY (FARALLON) WTP	STATE ROAD #742 - KM.47	CAYEY	PR	007
110009814282	PR0026131	PRASA - LA MAQUINA WTP	ROAD # 363 KM 3.1	SABANA GRANDE	PR	009
110009814326	PR0026204	PRASA CAIN ALTO WTP	ROAD 362 KM. 9.6	SAN GERMAN	PR	006
110009814371	PR0025411	PRASA RIO PRIETO WTP	STATE ROAD #370, KM 0.1	YAUCO	PR	007
110009814399	PR0025453	PRASA VIEQUES WWTP	ROAD NO. 993, KM 2.5	VIEQUES	PR	007
110009814415	PR0025526	PRASA PATILLAS WTP	STATE RD. #181, KM32.8	PATILLAS	PR	007

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110009814424	PR0025534	PRASA RIO ARRIBA WTP	STATE ROAD 10, KM 69.2	ARECIBO	PR	006
110009814442	PR0025739	PRASA ADJUNTAS NUEVA WTP	BAEZ EPHLESS, SYSTEM ENG.	ADJUNTAS	PR	006
110009814460	PR0025798	PRASA RUCIO WTP	ROAD 391 KM. 18	PENUELAS	PR	007
110009814479	PR0025801	PRASA TIBES WTP	ROAD 503 KM. 12 HM. 4	PONCE	PR	007
110009814497	PR0025852	PRASA REAL ANON WTP	ROAD 511 K.M. 13 H.M. 3	PONCE	PR	007
110009814567	PR0024422	PRASA NEGROS WTP	STATE ROAD #805, KM 2.5	COROZAL	PR	006
110009814610	PR0024678	PRASA JAGUA PASTO WTP	STATE RD. # 378, KM 10	GUAYANILLA	PR	006
110009814629	PR0024686	PRASA APEADERO WTP	STATE RD. #562, KM 3.1	VILLALBA	PR	007
110009814665	PR0024902	PRASA UNIBON WWTP	STATE RD. #159, KM 15.9	MOROVIS	PR	007
110009814674	PR0025101	PRASA PARCELAS BORINQUEN WWTP	PR ROAD 765 KM 2.9	CAGUAS	PR	006
110009814763	PR0022985	PRASA LAJAS WTP	INT ROAD 116 & 117	LAJAS	PR	006
110009814834	PR0023264	PRASA RIO GRANDE ESTATES WWTP	STATE ROAD 3, KM 280	RIO GRANDE	PR	007
110009814870	PR0023981	PRASA SAN SEBASTIAN WTP	END OF ROAD 449	SAN SEBASTIAN	PR	006
110009814889	PR0024007	PRASA SABANA GRANDE WTP	ROAD 364, KM 0.5	SABANA GRANDE	PR	006
110009814905	PR0024104	PRASA WTP VEGA BAJA	STATE ROAD 374, KM 1	VEGA BAJA	PR	007
110009814914	PR0024121	PRASA JAYUYA WTP	ROAD 141 KM 0.1 INT	JAYUYA	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110009814923	PR0024155	PRASA UTUADO WTP	STATE ROAD 111, KM 5.4	UTUADO	PR	007
110009814969	PR0022578	PRASA GUAYAMA WTP	CORNER OF J.M. & ANGELI STREET	GUAYAMA	PR	006
110009814987	PR0022594	PRASA WTP MATUYAS FILTER PLANT	ROAD 759, KM 8.8	MAUNABO	PR	007
110009814996	PR0022624	PRASA COROZAL WTP	ROAD 159, KM 11.5	COROZAL	PR	007
110009815003	PR0022659	PRASA CEDRO ARRIBA WTP	STATE ROAD 779 KM 9.9 INT. 152	NARANJITO	PR	007
110009815030	PR0022756	PRASA PONCE NUEVA WTP	ROAD 501 KMO HM 1	PONCE	PR	007
110009815049	PR0022772	PRASA PENUELAS WTP	ROAD 132 HM 5	PENUELAS	PR	006
110009815067	PR0022802	PRASA LUQUILLO WTP	ROAD 983, KM 6.2	LUQUILLO	PR	006
110009815076	PR0022811	PRASA JUNCOS WTP	ROAD 31 R-948, KM 2.2	JUNCOS	PR	006
110009815094	PR0022845	PRASA RIO BLANCO WTP	ROAD 31, KM 9.4	NAQUABO	PR	007
110009815101	PR0022853	PRASA NAGUABO WTP	ROAD 970, KM 1.1	NAGUABO	PR	007
110009815110	PR0022870	PRASA SAN LORENZO WTP	ROAD 183 R-916, KM 2.1	SAN LORENZO	PR	007
110009815129	PR0022888	PRASA CAGUAS WTP	ROAD 1 R-786, KM 0.6	CAGUAS	PR	006
110009815165	PR0022969	PRASA MARICAO WTP	ROAD 105, KM 24.4	MARICAO	PR	006
110009815254	PR0022462	PRASA CUBUY WTP	ROAD 186, KM 8.5	CANOVANAS	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110009815263	PR0022471	PRASA GUZMAN ARRIBA WTP	ROAD 186, KM 13.1	RIO GRANDE	PR	007
110009815398	PR0020583	PRASA LAS MARIAS WWTP	STATE ROAD NO 119, KM 27.4	LAS MARIAS	PR	006
110009815414	PR0020656	PRASA MAUNABO WWTP	STATE ROAD 3	MAUNABO	PR	007
110009815423	PR0020737	PRASA NARANJITO WWTP	STATE ROAD 164, KM 5.3	NARANJITO	PR	007
110010583804	PR0026450	PRASA LARES WTP	ROAD 128 INTEROR	LARES	PR	006
110010602696	PR0022934	PRASA MONTE DEL ESTADO WTP	ROAD 366, KM 11	MARICAO	PR	006
110010604202	PR0026271	PRASA RONCADOR WTP	ROAD 603 KM 4.8	UTUADO	PR	006
110010636776	PR0023736	PRASA AGUADILLA WWTP	STATE ROAD 115, KM 25	AGUADILLA	PR	006
110010711033	PR0026191	PRASA GUILARTE WTP	CARR. 131 KM 2.5	ADJUNTAS	PR	006
110012286560	PR0022420	PRASA CANOVANAS WTP	ROAD 3, KM 14.3	CANOVANAS	PR	006
110012957960	PR0026832	PRASA ESPINO WTP	ROAD 181, INT. ROAD 745, KM. 5.2, ESPINO WARD	SAN LORENZO	PR	007
110013068054	PR0026841	PRASA JAGUA CEIBA WTP	PR 386 KM 5.6 INTERIOR	PENUELAS	PR	006
110013211336	PR0025950	PRASA ESPERANZA WTP	STATE ROAD 623	ARECIBO	PR	006
110013688018	PR0022501	PRASA BARRANCAS WTP	ROAD 771, KM 5.3	BARRANQUITAS	PR	006
110013689035	PR0025216	PRASA LAS DELICIAS WTP	STATE RD. # 149, KM 33.9	CIALES	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110013695242	PR0025470	PRASA JAGUAL WTP	STATE RD. #181, KM 7, HM 0.	SAN LORENZO	PR	007
110013695518	PR0025194	PRASA INDIERA ALTA WTP	STATE RD. #128, KM 33.5	MARICAO	PR	007
110013695545	PR0023001	PRASA ALTURAS DE OROCOVIS WWTP	STATE ROAD 568, KM 1.0	OROCOVIS	PR	007
110013695741	PR0026441	PRASA FRONTON WTP	STATE ROAD NO.- 146, KM. 15.9	CIALES	PR	006
110013695750	PR0025208	PRASA MAMEYES ABAJO WTP	PR - 141, KM. 19.1	UTUADO	PR	006
110013695778	PR0024660	PRASA RANCHERAS WTP	STATE RD. #371, KM 10.6	YAUCO	PR	007
110013695983	PR0020214	PRASA ADJUNTAS WWTP	END OF CANAS STREET /FIN DE CALLE CANAS	PONCE	PR	006
110013696090	PR0024112	PRASA MOROVIS NORTE WTP	END OF BALDORIOTY DE CASTRO ST	MORVIS	PR	006
110013696205	PR0024651	PRASA GUARAGUAO WTP	STATE RD. #10, KM 20.8	PONCE	PR	007
110013696250	PR0020486	PRASA GUANICA WWTP	YAGUER STREET	GUANICA	PR	006
110013696269	PR0020494	PRASA GUAYANILLA WWTP	MUNOZ RIVERA STREET	GUAYANILLA	PR	006
110013696394	PR0022748	PRASA VILLALBA WTP	ROAD 513 KMO HM 9	VILLALBA	PR	007
110013696508	PR0022497	PRASA BARRANQUITAS WTP	STATE ROAD #156, KM 9.6	BARRANQUITAS	PR	006
110013721437	PR0022942	PRASA ANASCO WTP	ROAD 109, KM 5. HM .4	ANASCO	PR	006

<b>FRS Number</b>	<b>Program System Identifier</b>	<b>Facility Name</b>	<b>Address</b>	<b>City Name</b>	<b>State</b>	<b>Zip</b>
110013721455	PR0024180	PRASA WTP CIALES	STATE ROAD 146, KM 27.2	CIALES	PR	006
110013722418	PR0024210	PRASA ARECIBO WTP	STATE ROAD 636, KM 1.3	ARECIBO	PR	006
110013722748	PR0022675	PRASA YAUCO WTP	ROAD 128, KM 2 HM 6	YAUCO	PR	006
110014408925	PR0026182	PRASA SANTA ISABEL WTP	ROAD 602 KM. 6.2	UTUADO	PR	006
110017849293	PR0026484	PRASA FAJARDO NUEVA WWTP	BO. QUEBRADA VUELTAS	FAJARDO	PR	007
110017849293	PR0026379	PRASA NORTHEAST REGIONAL AQUEDUCT WTP	BQ QUEBRADA VUELTAS SECTOR	FAJARDO	PR	007
110020846138	PR0026557	PRASA CULEBRINAS WTP	STATE ROAD 443 KM 5.9, EL PALMAR WARD	AGUADILLA	PR	006
110022428577	PR0026565	PRASA LA BOCA - BARRANQUITAS WTP	ROAD 749 KM 0.1 INTERIOR, LA BOCA SECTOR AT QUEBRA	BARRANQUITAS	PR	007
110022858184	PR0026590	PRASA VILLALBA REGIONAL WTP	ROAD # 150, HATO RUERCO ABAJO WARD	VILLALBA	PR	007
110022861303	PR0026255	PRASA SABANA GRANDE WARD WTP	ESTATE RD 611 KM 7.2	UTUADO	PR	006
110024280320	PR0025755	PRASA LA PLATA WTP	ROAD 173 KM 2.1 INTERSECTION RD 727	AIBONITO	PR	007
110024411297	PR0026549	PRASA CULEBRA WWTP	SAN ISIDRO WARD, INTERIOR	CULEBRA	PR	007

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110028184097	PR0022543	PRASA CIDRA WTP	ROAD 173, KM 3.3	CIDRA	PR	006
110035859693	PR0025224	PRASA MAMEYES ARRIBA WTP	RD 530 KM 10.1	JAYUYA	PR	006
110037119560	PR0026794	PRASA MINILLAS WTP	ROAD 174 KM. 21.6, BO. MULAS MINILLAS SECTOR	AGUAS BUENAS	PR	007
110037119622	PR0026867	PRASA CANALIZO WTP	ROAD 140, KM. 13.4, JAUCA WARD	JAYUYA	PR	006
110037119640	PR0026883	PRASA - BUCARABONES WTP	STATE ROAD PR-105 KM 37.7	MARICAO	PR	000
110038367772	PR0026701	PRASA LARES NUEVA	STATE ROAD RP-124, KM. 7.9, ESPINO WARD	LARES	PR	000
110038453161	PR0026948	PRASA YAHUECAS WTP	INTERSECTION OF HIGHWAYS PR-129 AND PR-135, BARRIO	ADJUNTAS	PR	006
110039985255	PR0025551	PRASA SAN SEBASTIAN (NEW) WWTP	STATE RD. #125, KM 18.4	SAN SEBASTIAN	PR	006
110041198708	PR0026603	PRASA UTUADO NEW WWTP	ROAD 123, KM 62.5 INT., SABANA GRANDE WARD	UTUADO	PR	006
110044903664	PR0026999	PRASA JIMENEZ WTP	ROAD 966 KM.3.2	RIO GRANDE	PR	104
110044956802	PR0026930	PRASA LAS MARIAS WTP	STATE RD PR - 119 KM. 35.8 (INT) MARAVILLAS ESTE W	LAS MARIAS	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110056156065	PR0026611	PRASA MOROVIS - RIO GRANDE WTP	ROAD 186 KM 17.0, MOROVIS SECTOR AT JIMENEZ WARD	RIO GRANDE	PR	007
110056156092	PR0026735	PRASA SANAMUERTO WTP	CARR. 567 KM 13.7 INT. BARRION BARROS, SECTOR LIM	OROCOVIS	PR	007
110056162030	PR0026743	PRASA GURABO	#1 ST. JARDINES DE GURABO	GURABO	PR	007
110063914457	PR0023728	PRASA BAYAMON WWTP	SABANA SECA AVE.PD 869. KM 9.2	CATANO	PR	006
110064597182	PR0026395	PRASA MALPASO WTP	ROAD PR 132 KM 5.4 INT., BARREAL WARD, SECTOR MAL	PENUELAS	PR	006
110064602238	PR0026409	PRASA GUAYANES WTP	ROAD 386 KM 0.3, JAGUAS WARD	PENUELAS	PR	006
110064602363	PR0026671	PRASA ACEITUNAS WTP	STATE ROAD PR-561 KM 3.8, VILLALBA ARRIBA	VILLALBA	PR	007
110064603068	PR0026638	PRASA ISABELA WTP	STATE ROAD NO. 112, KM 2.8, MORA WARD	ISABELA	PR	006
110064605912	PR0026808	PRASA MATRULLAS WTP	ROAD 143, KM. 33.8	OROCOVIS	PR	007
110064605930	PR0026875	PRASA BOQUERON-BETANCES WTP	ROAD 103 KM 13.7	CABO ROJO	PR	006

FRS Number	Program System Identifier	Facility Name	Address	City Name	State	Zip
110064606804	PR0026301	PRASA BARRIO NUEVO WTP	ROAD 829, BARRIO NUEVO BAYAMON	BAYAMON	PR	009
110064615028	PR0023990	PRASA MIRADERO WTP	ROAD 108, KM 2.8	MAYAGUEZ	PR	006
110064621574	PR0026824	PRASA LA PICA WTP	ROAD 143, KM. 5.5, LA PICA WARD	JAYUYA	PR	006
110064639477	PR0026352	PRASA CULEBRAS-CAYEY WTP	ROAD 738, INT. 7741, PANORAMIC ROUTE	CAGUAS	PR	007
110064641204	PR0026573	PRASA COMERIO-RIO HONDO WTP	ROAD 156 KM 30.5, RIO HONDO WARD AT PALMA REAL ST.	COMERIO	PR	007
110064642702	PR0026905	PRASA MAIZALES WTP	PR-191, KM 22.5, COMUNIDAD LA MINA, BARRIO RIO BLA	NAGUABO	PR	007
110064649108	PR0026727	PRASA MAGINAS WTP	PR 121 KM 4.3, MAGINAS SECTOR AT RAYO WARD	SABANA GRANDE	PR	006
110064649457	PR0026654	PRASA MAUNABO WTP	STATE ROAD 759 KM. 3.8.	MAUNABO	PR	007

## Defendants

Defendants and Settlements ↑	In Complaint ↓	In Settlement ↓
Commonwealth of Puerto Rico	Y	Y
PRASA	Y	Y

## Case Milestones

Event ↑	Actual Date ↓
Final Order Entered	03/22/2024
Final Order Lodged	06/29/2023
Complaint Filed With Court	09/15/2015

Defendants and Settlements	In Complaint	In Settlement
San Juan Municipality	N	N

Event	Actual Date
Enforcement Action Data Entered	07/06/2011
Referred To Dept Of Justice	06/30/2011

## Related Case Documents

Document ↑ Facility Name ↓ Publish Date ↓ EPA Program

No data records returned

## Pollutants

Pollutant Name ↑ Chemical Abstract Number ↓

Untreated sewage --

## Related Activities

Description ↑ Actual Date ↓

Inspection/Evaluation 04/15/2010

Final Order 1

+

**Final Order Type:** Consent Decree or Court Order Resolving a Civil Judicial Action

**Final Order Name:** PRASA - Puerto Nuevo Regional WWTP et al.

**Linked Facilities (FRS ID):** 110000557255, 110000557424, 110000561222, 110000561259, 110000561419, 110000561605, 110000561623, 110000561696, 110000576038, 110000577304, 110000577368, 110000577652, 110000577812, 110000719848, 110000757208, 110000906814, 110004889210, 110004889283, 110006622547, 110006622583, 110006622592, 110006622609, 110006622654, 110006622681, 110006622690, 110006622725, 110006622805, 110006622814, 110006622823, 110006622930, 110006622994, 110006693989, 110007803840, 110007804386, 110007804625, 110007804796, 110007804812, 110007804821, 110007804858, 110007804894, 110007804983, 110007812876, 110007817041, 110007820117, 110007823007, 110009002756, 110009436066, 110009700225, 110009700234, 110009700298, 110009700314, 110009700323, 110009700332, 110009700350, 110009700412, 110009700476, 110009700519, 110009700528, 110009814184, 110009814246, 110009814282, 110009814326, 110009814371, 110009814399, 110009814415, 110009814424, 110009814442, 110009814460, 110009814479, 110009814497, 110009814567, 110009814610, 110009814629, 110009814665, 110009814674, 110009814763, 110009814834, 110009814870, 110009814889, 110009814905, 110009814914, 110009814923, 110009814969, 110009814987, 110009814996, 110009815003, 110009815030, 110009815049, 110009815067, 110009815076, 110009815094, 110009815101, 110009815110, 110009815129, 110009815165, 110009815254, 110009815263, 110009815398, 110009815414, 110009815423, 110010583804, 110010602696, 110010604202, 110010636776, 110010711033, 110012286560, 110012957960, 110013068054, 110013211336, 110013688018, 110013689035, 110013695242, 110013695518, 110013695545, 110013695741, 110013695750, 110013695778, 110013695983, 110013696090, 110013696205, 110013696250, 110013696269, 110013696394, 110013696508, 110013721437, 110013721455, 110013722418, 110013722748, 110014408925, 110017849293, 110020846138, 110022428577, 110022858184, 110022861303, 110024280320, 110024411297, 110028184097, 110035859693, 110037119560, 110037119622, 110037119640, 110038367772, 110038453161, 110039985255, 110041198708, 110044903664, 110044956802, 110056156065, 110056156092, 110056162030, 110063914457, 110064597182, 110064602238, 110064602363, 110064603068, 110064605912, 110064605930, 110064606804, 110064615028, 110064621574, 110064639477, 110064641204, 110064642702, 110064649108, 110064649457

**Final Order Lodged Date:** 09/15/2015

**Final Order Entered Date:** 05/23/2016

**Enforcement Action Closed Date:** --

**Actual Termination Date:** --

### Penalties/SEPs/Compliance Action Costs/Cost Recovery Amounts

**Federal Penalty Assessed or Agreed To:** \$0

**State/Local Penalty Assessed:** --

**SEP Value:** --

**Compliance Action Cost:** \$700,000,000

**Federal Cost Recovery Awarded:** \$0

## Complying Actions

Complying Action ID ↑	Category	↓	Description	↕
3600012732	Work Practices		Training	

Complying Action ID	Category	Description
3600012733	Work Practices	Record-keeping
3600012734	Work Practices	Work Practices
3600012735	Work Practices	Testing/Sampling
3600012736	Work Practices	Monitoring
3600012737	Work Practices	Reporting
3600012738	Work Practices	Notification
3600012739	Work Practices	Permitting
3600012740	Work Practices	Certification and Accreditation
3600012741	Work Practices	Auditing
3600012742	Work Practices	Environmental Management Review
3600012743	Work Practices	Planning
3600012744	Work Practices	Financial Responsibility Requirements
3600012745	Work Practices	Develop CMOM Program (CWA)
3600012746	Work Practices	Cease Activity
3600012748	Reduction of Ongoing Releases	SSO CMOM
3600012753	Reduction of Ongoing Releases	NPDES Discharge Change

## Supplemental Environmental Projects

SEP ID ↑ Category ↓ SEP Value ↓ Description ↓

No data records returned

## Environmental Benefits/Pollutant Reductions

Complying Action Type ↑	Complying Action Category Type Description ↓	Resulting From ↓	Pollutant ↓	Estimated Annual Amount ↓	Units ↓	Pollutant Unit Description ↓
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Solids, total suspended	14,281,408	PNDSYR	Pounds/Year

<b>Complying Action Type</b>	<b>Complying Action Category Type Description</b>	<b>Resulting From</b>	<b>Pollutant</b>	<b>Estimated Annual Amount</b>	<b>Units</b>	<b>Pollutant Unit Description</b>
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Phosphorus	215,634	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Phosphorus	215,634	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Chemical oxygen demand [COD]	5,453,068	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Nitrogen	353,597	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Solids, total suspended	14,281,408	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Sanitary waste, BOD, 5-day	6,456,670	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Sanitary waste, BOD, 5-day	6,456,670	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Chemical oxygen demand [COD]	5,453,068	PNDSYR	Pounds/Year

Complying Action Type	Complying Action Category Type Description	Resulting From	Pollutant	Estimated Annual Amount	Units	Pollutant Unit Description
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600012753	Nitrogen	353,597	PNDSYR	Pounds/Year
SSO CMOM	Reduction of Ongoing Releases	CA ID 3600012748	Wastewater	876,000,000	gal	Gallons
SSO CMOM	Reduction of Ongoing Releases	CA ID 3600012748	Solids, total suspended	2,276,169	lbs	Pounds
SSO CMOM	Reduction of Ongoing Releases	CA ID 3600012748	Phosphorus	50,514	lbs	Pounds
SSO CMOM	Reduction of Ongoing Releases	CA ID 3600012748	Sanitary waste, BOD, 5-day	2,178,793	lbs	Pounds

## NPDES Compliance Schedule

Schedule Number ↑	Facility ID(s) ↓	NPDES ID(s) ↓	Event ↓	Schedule Date ↓	Actual Date ↓	Amount ↓
1	110006622823	PR0021555	Pay Required Stipulated Penalty Amount	10/13/2016	10/13/2016	\$566,400

Schedule Number	Facility ID(s)	NPDES ID(s)	Event	Schedule Date	Actual Date	Amount
1	110006622823	PR0021555	Pay Required Stipulated Penalty Amount	12/14/2016	12/14/2016	\$92,300
1	110006622823	PR0021555	Pay Required Stipulated Penalty Amount	06/13/2017	06/13/2017	\$87,650
1	110006622823	PR0021555	Pay Required Stipulated Penalty Amount	06/05/2018	06/05/2018	\$84,300
1	110006622823	PR0021555	Achieve Final Compliance With All Obligations Under This order	12/31/2038	--	--

## Facilities

FRS Number ↑	Program System Identifier ↓	System ↓	Active ID ↓	Facility Name ↓	Address ↓	City Na
110000557255	PR0025721	NPDES	N	PRASA GUAJATACA WTP	STATE ROAD 1 19 KM 191	ISABELA
110000557424	PR0020427	NPDES	N	PRASA CIALES WWTP	STATE ROAD 149, KM 12.1	CIALES
110000561222	PR0020745	NPDES	N	PRASA OROCOVIS WWTP	PLANT	OROCOVI
110000561259	PR0022705	NPDES	N	PRASA OROCOVIS WTP	ROAD 568, KM 3	OROCOVI
110000561419	PR0020460	NPDES	N	PRASA DORADO WWTP	STATE ROAD 693, KM 5.6	DORADO
110000561605	PR0022438	NPDES	N	PRASA GUAYNABO WTP	ROAD 833, KM	GUAYNAE

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110000561623	PR0021679	NPDES	N	PRASA VEGA BAJA WWTP	STATE ROAD #686, LOS NARANJOS WARD	VEGA BA.
110000561696	PR0023931	NPDES	N	PRASA EL YUNQUE WTP	STATE ROAD 3, KM 25.9	RIO GRAN
110000576038	PR0025119	NPDES	N	PRASA CEIBA SUR WTP	STATE RD. #9935, KM 1.5	JUNCOS
110000577304	PR0025399	NPDES	N	PRASA HUMACAO WWTP	STATE ROAD # 3	BO. RIO A
110000577368	PR0022411	NPDES	N	PRASA SERGIO CUEVAS WTP	ROAD 181, KM 3.0	TRUJILLO
110000577652	PR0025747	NPDES	N	PRASA COTO LAUREL WTP	ROAD 14 KM 82	PONCE
110000577812	PR0025879	NPDES	N	PRASA LARES WWTP	ROAD 452, KM 0.5	LARES
110000719848	PR0022781	NPDES	N	PRASA PONCE VIEJA WTP	BORINQUEN WARD, PRINCIPAL ST.	PONCE
110000757208	PR0026531	NPDES	N	PRASA JAYUYA NUEVA WWTP	ROAD 144 KM.1.0 (INTERIOR)	JAYUYA
110000906814	PR0023795	NPDES	N	PRASA MAYAGUEZ WWTP	STATE ROAD # 2	MAYAGUEZ
110004889210	PR0022837	NPDES	N	PRASA YABUCOA WTP	ROAD 3, KM 100.5	YABUCOA
110004889283	PR0024163	NPDES	N	PRASA HATILLO WTP	STATE ROAD 2, KM 88.9	HATILLO
110006622547	PR0026085	NPDES	N	PRASA SUPERACUEDUCTO (NORTE) WTP	PR ROAD NO 663	ARECIBO
110006622583	PR0025461	NPDES	N	PRASA AIBONITO WWTP	ANTIOQUIA STREET	AIBONITO
110006622592	PR0023710	NPDES	N	PRASA ARECIBO WWTP	STATE ROAD 681 KM 2	ARECIBO

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Name
110006622609	PR0021237	NPDES	N	PRASA BARCELONETA WWTP	STATE ROAD 684, KM 3.7	BARCELONA
110006622654	PR0025356	NPDES	N	PRASA CAYEY WWTP	PR ROAD # 171	BO. RINCON CIDRA
110006622681	PR0025658	NPDES	N	PRASA COMERIO WWTP	STATE RD. #167, KM 0.6	COMERIO
110006622690	PR0020451	NPDES	N	PRASA COROZAL WWTP	STATE ROAD NO 818, KM 0.9	COROZAL
110006622725	PR0022250	NPDES	N	PRASA ISABELA WWTP	STATE ROAD NO 466	ISABELA
110006622805	PR0020753	NPDES	N	PRASA PATILLAS WWTP	STATE ROAD 3, KM 126.5	PATILLAS
110006622814	PR0021563	NPDES	N	PRASA PONCE WWTP	ROAD # 2 KM 258.5	PONCE
110006622823	PR0021555	NPDES	N	PRASA PUERTO NUEVO WWTP	J.F. KENNEDY AVE.	SAN JUAN
110006622930	PR0022616	NPDES	N	PRASA ENRIQUE ORTEGA WTP	ROAD 827, KM 5.6	TOA ALTA
110006622994	PR0021661	NPDES	N	PRASA YAUCO WWTP	STATE ROAD 335, KM 1.1	YAUCO
110006693989	PR0022900	NPDES	N	PRASA MAYAGUEZ WTP	11 DE AGOSTO- PONCE DE LEON	MAYAGUEZ
110007803840	PR0020273	NPDES	N	PRASA AGUAS BUENAS WWTP	STATE ROAD 173, KM 0.1	AGUAS BUENAS
110007804386	PR0020648	NPDES	N	PRASA MARICAO WWTP	STATE ROAD 357, KM 2	MARICAO
110007804625	PR0020761	NPDES	N	PRASA PENUELAS WWTP	STATE ROAD 132, KM 12.4	PENUELAS
110007804796	PR0020818	NPDES	N	PRASA SAN GERMAN WWTP	PR ROAD # 360 KM. 1.4	SAN GERMAN

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110007804812	PR0020851	NPDES	N	PRASA SAN SEBASTIAN (OLD) WWTP	STATE ROAD 109, KM 29	SAN SEBASTIA/
110007804821	PR0023761	NPDES	N	PRASA SANTA ISABEL WWTP	ROAD 538, KM. 0.5	SANTA IS
110007804858	PR0020869	NPDES	N	PRASA TOA ALTA WWTP	STATE ROAD 676, KM 1.8	TOA ALTA
110007804894	PR0020923	NPDES	N	PRASA VEGA ALTA WWTP	STATE ROAD 690, KM 2	VEGA ALT
110007804983	PR0021717	NPDES	N	PRASA YABUCOA WWTP	STATE ROAD 901, KM 0.1	YABUCOA/
110007812876	PR0022918	NPDES	N	PRASA AGUADILLA WTP	ROAD 459, KM 0.3	AGUADIL
110007817041	PR0023752	NPDES	N	PRASA CAROLINA WWTP	ROAD 187, BARRIO TORRECILLA	SAN JUA
110007820117	PR0023744	NPDES	N	PRASA CAMUY-HATILLO WWTP	STATE ROAD 485	CAMUY
110007823007	PR0025976	NPDES	N	PRASA CAGUAS WWTP	ROAD 796, KM. 6.6	CAGUAS
110009002756	PR0024198	NPDES	N	PRASA MOROVIS SUR WTP	STATE ROAD 618, KM 0.3	MOROVIS
110009436066	PR0022519	NPDES	N	PRASA CAYEY WTP	STATE ROAD NO 1 - KM 59.9	CAYEY
110009700225	PR0020575	NPDES	N	PRASA LAJAS WWTP	PR ROAD #101, KM 2.4	LAJAS
110009700234	PR0020711	NPDES	N	PRASA MOROVIS WWTP	STATE ROAD 155, KM 50	MOROVIS
110009700298	PR0022691	NPDES	N	PRASA ADJUNTAS WTP	ROAD 518 KM 0 HM 1	ADJUNTA/
110009700314	PR0022764	NPDES	N	PRASA COAMO WTP	ROAD 155 HM 1	COAMO
110009700323	PR0022799	NPDES	N	PRASA GUAYABOTA WTP	ROAD 3 R-900, KM 9.9	YABUCOA/

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110009700332	PR0022829	NPDES	N	PRASA HUMACAO-LAS PIEDRAS WTP	ROAD 198, KM 28.3	HUMACA
110009700350	PR0022896	NPDES	N	PRASA AGUAS BUENAS WTP	ROAD 173, KM 0.4	AGUAS BI
110009700412	PR0022489	NPDES	N	PRASA AIBONITO WTP	DOMINGO COLON STREET FINAL	ARECIBO
110009700476	PR0025445	NPDES	N	PRASA GUAYAMA WWTP	PR 710, KM 1.0.	GUAYAMA/
110009700519	PR0025810	NPDES	N	PRASA HOGARES SEGUROS WTP	ROAD 143 KM. 13 HM. 3	PONCE
110009700528	PR0025861	NPDES	N	PRASA BARRANQUITAS WWTP	ROAD 719 KM. 0.2	BARRANC
110009814184	PR0025968	NPDES	N	PRASA JAGUAS Y PESAS WTP	STATE ROAD # 615 KM 4.2	CIALES
110009814246	PR0026077	NPDES	N	PRASA CAYEY (FARALLON) WTP	STATE ROAD #742 - KM.47	CAYEY
110009814282	PR0026131	NPDES	N	PRASA - LA MAQUINA WTP	ROAD # 363 KM 3.1	SABANA GRANDE
110009814326	PR0026204	NPDES	N	PRASA CAIN ALTO WTP	ROAD 362 KM. 9.6	SAN GERI
110009814371	PR0025411	NPDES	N	PRASA RIO PRIETO WTP	STATE ROAD #370, KM 0.1	YAUCO
110009814399	PR0025453	NPDES	N	PRASA VIEQUES WWTP	ROAD NO. 993, KM 2.5	VIEQUES
110009814415	PR0025526	NPDES	N	PRASA PATILLAS WTP	STATE RD. #181, KM32.8	PATILLAS
110009814424	PR0025534	NPDES	N	PRASA RIO ARRIBA WTP	STATE ROAD 10, KM 69.2	ARECIBO
110009814442	PR0025739	NPDES	N	PRASA ADJUNTAS NUEVA WTP	BAEZ EPHLESS, SYSTEM ENG.	ADJUNTA

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110009814460	PR0025798	NPDES	N	PRASA RUCIO WTP	ROAD 391 KM. 18	PENUELA
110009814479	PR0025801	NPDES	N	PRASA TIBES WTP	ROAD 503 KM. 12 HM. 4	PONCE
110009814497	PR0025852	NPDES	N	PRASA REAL ANON WTP	ROAD 511 K.M. 13 H.M. 3	PONCE
110009814567	PR0024422	NPDES	N	PRASA NEGROS WTP	STATE ROAD #805, KM 2.5	COROZAL
110009814610	PR0024678	NPDES	N	PRASA JAGUA PASTO WTP	STATE RD. # 378, KM 10	GUAYANI
110009814629	PR0024686	NPDES	N	PRASA APEADERO WTP	STATE RD. #562, KM 3.1	VILLALBA
110009814665	PR0024902	NPDES	N	PRASA UNIBON WWTP	STATE RD. #159, KM 15.9	MOROVIS
110009814674	PR0025101	NPDES	N	PRASA PARCELAS BORINQUEN WWTP	PR ROAD 765 KM 2.9	CAGUAS
110009814763	PR0022985	NPDES	N	PRASA LAJAS WTP	INT ROAD 116 & 117	LAJAS
110009814834	PR0023264	NPDES	N	PRASA RIO GRANDE ESTATES WWTP	STATE ROAD 3, KM 280	RIO GRAN
110009814870	PR0023981	NPDES	N	PRASA SAN SEBASTIAN WTP	END OF ROAD 449	SAN SEBASTIA
110009814889	PR0024007	NPDES	N	PRASA SABANA GRANDE WTP	ROAD 364, KM 0.5	SABANA GRANDE
110009814905	PR0024104	NPDES	N	PRASA WTP VEGA BAJA	STATE ROAD 374, KM 1	VEGA BA.
110009814914	PR0024121	NPDES	N	PRASA JAYUYA WTP	ROAD 141 KM 0.1 INT	JAYUYA
110009814923	PR0024155	NPDES	N	PRASA UTUADO WTP	STATE ROAD 111, KM 5.4	UTUADO
110009814969	PR0022578	NPDES	N	PRASA GUAYAMA WTP	CORNER OF J.M. & ANGELI STREET	GUAYAMA

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Name
110009814987	PR0022594	NPDES	N	PRASA WTP MATUYAS FILTER PLANT	ROAD 759, KM 8.8	MAUNABU
110009814996	PR0022624	NPDES	N	PRASA COROZAL WTP	ROAD 159, KM 11.5	COROZAL
110009815003	PR0022659	NPDES	N	PRASA CEDRO ARRIBA WTP	STATE ROAD 779 KM 9.9 INT. 152	NARANJO
110009815030	PR0022756	NPDES	N	PRASA PONCE NUEVA WTP	ROAD 501 KMO HM 1	PONCE
110009815049	PR0022772	NPDES	N	PRASA PENUELAS WTP	ROAD 132 HM 5	PENUELAS
110009815067	PR0022802	NPDES	N	PRASA LUQUILLO WTP	ROAD 983, KM 6.2	LUQUILLO
110009815076	PR0022811	NPDES	N	PRASA JUNCOS WTP	ROAD 31 R-948, KM 2.2	JUNCOS
110009815094	PR0022845	NPDES	N	PRASA RIO BLANCO WTP	ROAD 31, KM 9.4	NAQUABO
110009815101	PR0022853	NPDES	N	PRASA NAGUABO WTP	ROAD 970, KM 1.1	NAGUABO
110009815110	PR0022870	NPDES	N	PRASA SAN LORENZO WTP	ROAD 183 R-916, KM 2.1	SAN LORIS
110009815129	PR0022888	NPDES	N	PRASA CAGUAS WTP	ROAD 1 R-786, KM 0.6	CAGUAS
110009815165	PR0022969	NPDES	N	PRASA MARICAO WTP	ROAD 105, KM 24.4	MARICAO
110009815254	PR0022462	NPDES	N	PRASA CUBUY WTP	ROAD 186, KM 8.5	CANOVAN
110009815263	PR0022471	NPDES	N	PRASA GUZMAN ARRIBA WTP	ROAD 186, KM 13.1	RIO GRAN
110009815398	PR0020583	NPDES	N	PRASA LAS MARIAS WWTP	STATE ROAD NO 119, KM 27.4	LAS MARIAS

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Name
110009815414	PR0020656	NPDES	N	PRASA MAUNABO WWTP	STATE ROAD 3	MAUNABO
110009815423	PR0020737	NPDES	N	PRASA NARANJITO WWTP	STATE ROAD 164, KM 5.3	NARANJITO
110010583804	PR0026450	NPDES	N	PRASA LARES WTP	ROAD 128 INTERIOR	LARES
110010602696	PR0022934	NPDES	N	PRASA MONTE DEL ESTADO WTP	ROAD 366, KM 11	MARICAO
110010604202	PR0026271	NPDES	N	PRASA RONCADOR WTP	ROAD 603 KM 4.8	UTUADO
110010636776	PR0023736	NPDES	N	PRASA AGUADILLA WWTP	STATE ROAD 115, KM 25	AGUADILLA
110010711033	PR0026191	NPDES	N	PRASA GUILARTE WTP	CARR. 131 KM 2.5	ADJUNTA
110012286560	PR0022420	NPDES	N	PRASA CANOVANAS WTP	ROAD 3, KM 14.3	CANOVANAS
110012957960	PR0026832	NPDES	N	PRASA ESPINO WTP	ROAD 181, INT. ROAD 745, KM. 5.2, ESPINO WARD	SAN LORITO
110013068054	PR0026841	NPDES	N	PRASA JAGUA CEIBA WTP	PR 386 KM 5.6 INTERIOR	PENUELA
110013211336	PR0025950	NPDES	N	PRASA ESPERANZA WTP	STATE ROAD 623	ARECIBO
110013688018	PR0022501	NPDES	N	PRASA BARRANCAS WTP	ROAD 771, KM 5.3	BARRANCAS
110013689035	PR0025216	NPDES	N	PRASA LAS DELICIAS WTP	STATE RD. # 149, KM 33.9	CIALES
110013695242	PR0025470	NPDES	N	PRASA JAGUAL WTP	STATE RD. #181, KM 7, HM 0.	SAN LORITO
110013695518	PR0025194	NPDES	N	PRASA INDIERA ALTA WTP	STATE RD. #128, KM 33.5	MARICAO

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110013695545	PR0023001	NPDES	N	PRASA ALTURAS DE OROCOVIS WWTP	STATE ROAD 568, KM 1.0	OROCOVI
110013695741	PR0026441	NPDES	N	PRASA FRONTON WTP	STATE ROAD NO.- 146, KM. 15.9	CIALES
110013695750	PR0025208	NPDES	N	PRASA MAMEYES ABAJO WTP	PR - 141, KM. 19.1	UTUADO
110013695778	PR0024660	NPDES	N	PRASA RANCHERAS WTP	STATE RD. #371, KM 10.6	YAUCO
110013695983	PR0020214	NPDES	N	PRASA ADJUNTAS WWTP	END OF CANAS STREET /FIN DE CALLE CANAS	PONCE
110013696090	PR0024112	NPDES	N	PRASA MOROVIS NORTE WTP	END OF BALDORIOTY DE CASTRO ST	MORVIS
110013696205	PR0024651	NPDES	N	PRASA GUARAGUAO WTP	STATE RD. #10, KM 20.8	PONCE
110013696250	PR0020486	NPDES	N	PRASA GUANICA WWTP	YAGUER STREET	GUANICA
110013696269	PR0020494	NPDES	N	PRASA GUAYANILLA WWTP	MUNOZ RIVERA STREET	GUAYANI
110013696394	PR0022748	NPDES	N	PRASA VILLALBA WTP	ROAD 513 KMO HM 9	VILLALBA
110013696508	PR0022497	NPDES	N	PRASA BARRANQUITAS WTP	STATE ROAD #156, KM 9.6	BARRANC
110013721437	PR0022942	NPDES	N	PRASA ANASCO WTP	ROAD 109, KM 5. HM .4	ANASCO
110013721455	PR0024180	NPDES	N	PRASA WTP CIALES	STATE ROAD 146, KM 27.2	CIALES
110013722418	PR0024210	NPDES	N	PRASA ARECIBO WTP	STATE ROAD 636, KM 1.3	ARECIBO

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110013722748	PR0022675	NPDES	N	PRASA YAUCO WTP	ROAD 128, KM 2 HM 6	YAUCO
110014408925	PR0026182	NPDES	N	PRASA SANTA ISABEL WTP	ROAD 602 KM. 6.2	UTUADO
110017849293	PR0026379	NPDES	N	PRASA NORTHEAST REGIONAL AQUEDUCT WTP	BQ QUEBRADA VUELTAS SECTOR	FAJARDO
110017849293	PR0026484	NPDES	N	PRASA FAJARDO NUEVA WWTP	BO. QUEBRADA VUELTAS	FAJARDO
110020846138	PR0026557	NPDES	N	PRASA CULEBRINAS WTP	STATE ROAD 443 KM 5.9, EL PALMAR WARD	AGUADIL
110022428577	PR0026565	NPDES	N	PRASA LA BOCA - BARRANQUITAS WTP	ROAD 749 KM 0.1 INTERIOR, LA BOCA SECTOR AT QUEBRA	BARRANC
110022858184	PR0026590	NPDES	N	PRASA VILLALBA REGIONAL WTP	ROAD # 150, HATO RUERCO ABAJO WARD	VILLALBA
110022861303	PR0026255	NPDES	N	PRASA SABANA GRANDE WARD WTP	ESTATE RD 611 KM 7.2	UTUADO
110024280320	PR0025755	NPDES	N	PRASA LA PLATA WTP	ROAD 173 KM 2.1 INTERSECTION RD 727	AIBONITC
110024411297	PR0026549	NPDES	N	PRASA CULEBRA WWTP	SAN ISIDRO WARD, INTERIOR	CULEBRA
110028184097	PR0022543	NPDES	N	PRASA CIDRA WTP	ROAD 173, KM 3.3	CIDRA
110035859693	PR0025224	NPDES	N	PRASA MAMEYES ARRIBA WTP	RD 530 KM 10.1	JAYUYA

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Name
110037119560	PR0026794	NPDES	N	PRASA MINILLAS WTP	ROAD 174 KM. 21.6, BO. MULAS MINILLAS SECTOR	AGUAS BI
110037119622	PR0026867	NPDES	N	PRASA CANALIZO WTP	ROAD 140, KM. 13.4, JAUCA WARD	JAYUYA
110037119640	PR0026883	NPDES	N	PRASA - BUCARABONES WTP	STATE ROAD PR-105 KM 37.7	MARICAO
110038367772	PR0026701	NPDES	N	PRASA LARES NUEVA	STATE ROAD RP-124, KM. 7.9, ESPINO WARD	LARES
110038453161	PR0026948	NPDES	N	PRASA YAHUECAS WTP	INTERSECTION OF HIGHWAYS PR-129 AND PR-135, BARRIO	ADJUNTA
110039985255	PR0025551	NPDES	N	PRASA SAN SEBASTIAN (NEW) WWTP	STATE RD. #125, KM 18.4	SAN SEBASTIA
110041198708	PR0026603	NPDES	N	PRASA UTUADO NEW WWTP	ROAD 123, KM 62.5 INT., SABANA GRANDE WARD	UTUADO
110044903664	PR0026999	NPDES	N	PRASA JIMENEZ WTP	ROAD 966 KM.3.2	RIO GRAN
110044956802	PR0026930	NPDES	N	PRASA LAS MARIAS WTP	STATE RD PR - 119 KM. 35.8 (INT) MARAVILLAS ESTE W	LAS MARI
110056156065	PR0026611	NPDES	N	PRASA MOROVIS - RIO GRANDE WTP	ROAD 186 KM 17.0, MOROVIS SECTOR AT JIMENEZ WARD	RIO GRAN

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110056156092	PR0026735	NPDES	N	PRASA SANAMUERTO WTP	CARR. 567 KM 13.7 INT. BARRION BARROS, SECTOR LIM	OROCOVI
110056162030	PR0026743	NPDES	N	PRASA GURABO	#1 ST. JARDINES DE GURABO	GURABO
110063914457	PR0023728	NPDES	N	PRASA BAYAMON WWTP	SABANA SECA AVE.PD 869. KM 9.2	CATANO
110064597182	PR0026395	NPDES	N	PRASA MALPASO WTP	ROAD PR 132 KM 5.4 INT., BARREAL WARD, SECTOR MAL	PENUELA
110064602238	PR0026409	NPDES	N	PRASA GUAYANES WTP	ROAD 386 KM 0.3, JAGUAS WARD	PENUELA
110064602363	PR0026671	NPDES	N	PRASA ACEITUNAS WTP	STATE ROAD PR-561 KM 3.8, VILLALBA ARRIBA	VILLALBA
110064603068	PR0026638	NPDES	N	PRASA ISABELA WTP	STATE ROAD NO. 112, KM 2.8, MORA WARD	ISABELA
110064605912	PR0026808	NPDES	N	PRASA MATRULLAS WTP	ROAD 143, KM. 33.8	OROCOVI
110064605930	PR0026875	NPDES	N	PRASA BOQUERON-BETANCES WTP	ROAD 103 KM 13.7	CABO RO
110064606804	PR0026301	NPDES	N	PRASA BARRIO NUEVO WTP	ROAD 829, BARRIO NUEVO BAYAMON	BAYAMO
110064615028	PR0023990	NPDES	N	PRASA MIRADERO WTP	ROAD 108, KM 2.8	MAYAGUE

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Na
110064621574	PR0026824	NPDES	N	PRASA LA PICA WTP	ROAD 143, KM. 5.5, LA PICA WARD	JAYUYA
110064639477	PR0026352	NPDES	N	PRASA CULEBRAS-CAYEY WTP	ROAD 738, INT. 7741, PANORAMIC ROUTE	CAGUAS
110064641204	PR0026573	NPDES	N	PRASA COMERIO-RIO HONDO WTP	ROAD 156 KM 30.5, RIO HONDO WARD AT PALMA REAL ST.	COMERIC
110064642702	PR0026905	NPDES	N	PRASA MAIZALES WTP	PR-191, KM 22.5, COMUNIDAD LA MINA, BARRIO RIO BLA	NAGUABO
110064649108	PR0026727	NPDES	N	PRASA MAGINAS WTP	PR 121 KM 4.3, MAGINAS SECTOR AT RAYO WARD	SABANA GRANDE
110064649457	PR0026654	NPDES	N	PRASA MAUNABO WTP	STATE ROAD 759 KM. 3.8.	MAUNABO

## NPDES Violations

This table contains more than 100 records. Use the Download Data button to view the NPDES violation details.

 [Download Data](#)

### Final Order 2



**Final Order Type:** Judicial Order Amending or Enforcing Consent Decree

**Final Order Name:** PRASA - Puerto Nuevo Regional WWTP et al.

**Linked Facilities (FRS ID):** 110000906814, 110006622592, 110006622725, 110006622805, 110006622814, 110006622823, 110007803840, 110007804625, 110007820117, 110007823007, 110009700476, 110009814834, 110013696269, 110063914457

**Final Order Lodged Date:** 06/29/2023

**Final Order Entered Date:** 03/22/2024

**Enforcement Action Closed Date:** --

Actual Termination Date: --

### Penalties/SEPs/Compliance Action Costs/Cost Recovery Amounts

Federal Penalty Assessed or Agreed To: \$0

State/Local Penalty Assessed: --

SEP Value: --

Compliance Action Cost: \$530,000,000

Federal Cost Recovery Awarded: \$0

### Complying Actions

Complying Action ID ↑	Category ↓	Description ↓
3600072818	Reduction of Ongoing Releases	NPDES Discharge Change

### Supplemental Environmental Projects

SEP ID ↑	Category ↓	SEP Value ↓	Description ↓
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No data records returned

### Environmental Benefits/Pollutant Reductions

Complying Action Type ↑	Complying Action Category Type Description ↓	Resulting From ↓	Pollutant ↓	Estimated Annual Amount ↓	Units ↓	Pollutant Unit Description ↓
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600072818	Phosphorus	55,000	PNDSYR	Pounds/Year
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600072818	Solids, total suspended	100,000	PNDSYR	Pounds/Year

Complying Action Type	Complying Action Category Type Description	Resulting From	Pollutant	Estimated Annual Amount	Units	Pollutant Unit Description
NPDES Discharge Change	Reduction of Ongoing Releases	CA ID 3600072818	Sanitary waste, BOD, 5-day	100,000	PNSYR	Pounds/Year

## NPDES Compliance Schedule

Schedule Number ↑	Facility ID(s) ↓	NPDES ID(s) ↓	Event ↓	Schedule Date ↓	Actual Date ↓	Amount ↓
1	110007803840	PR0020273	Achieve Final Compliance With All Obligations Under This order	12/31/2038	--	--

## Facilities

FRS Number ↑	Program System Identifier ↓	System ↓	Active ID ↓	Facility Name ↓	Address ↓	City Name ↓	Sta
110000906814	PR0023795	NPDES	N	PRASA MAYAGUEZ WWTP	STATE ROAD # 2	MAYAGUEZ	PR
110006622592	PR0023710	NPDES	N	PRASA ARECIBO WWTP	STATE ROAD 681 KM 2	ARECIBO	PR
110006622725	PR0022250	NPDES	N	PRASA ISABELA WWTP	STATE ROAD NO 466	ISABELA	PR
110006622805	PR0020753	NPDES	N	PRASA PATILLAS WWTP	STATE ROAD 3, KM 126.5	PATILLAS	PR
110006622814	PR0021563	NPDES	N	PRASA PONCE WWTP	ROAD # 2 KM 258.5	PONCE	PR

FRS Number	Program System Identifier	System	Active ID	Facility Name	Address	City Name	Sta
110006622823	PR0021555	NPDES	N	PRASA PUERTO NUEVO WWTP	J.F. KENNEDY AVE.	SAN JUAN	PR
110007803840	PR0020273	NPDES	N	PRASA AGUAS BUENAS WWTP	STATE ROAD 173, KM 0.1	AGUAS BUENAS	PR
110007804625	PR0020761	NPDES	N	PRASA PENUELAS WWTP	STATE ROAD 132, KM 12.4	PENUELAS	PR
110007820117	PR0023744	NPDES	N	PRASA CAMUY-HATILLO WWTP	STATE ROAD 485	CAMUY	PR
110007823007	PR0025976	NPDES	N	PRASA CAGUAS WWTP	ROAD 796, KM. 6.6	CAGUAS	PR
110009700476	PR0025445	NPDES	N	PRASA GUAYAMA WWTP	PR 710, KM 1.0.	GUAYAMA	PR
110009814834	PR0023264	NPDES	N	PRASA RIO GRANDE ESTATES WWTP	STATE ROAD 3, KM 280	RIO GRANDE	PR
110013696269	PR0020494	NPDES	N	PRASA GUAYANILLA WWTP	MUNOZ RIVERA STREET	GUAYANILLA	PR
110063914457	PR0023728	NPDES	N	PRASA BAYAMON WWTP	SABANA SECA AVE.PD 869. KM 9.2	CATANO	PR

## NPDES Violations

FRS Number ↑ NPDES ID ↓ Violation Type ↓ Violation Description ↓ Violation Date ↓

No data records returned



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Last updated on August 4, 2025

Data Refresh Information <<https://epa.gov/resources/echo-data/about-the-data#sources>>



# Detailed Facility Report

## Facility Summary

**SHELL CO PR SS 3646 COOP LA CANDELARIA**

**PR-14 KM 32.5, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110007819156

**EPA Region:** 02

**Latitude:** 18.073724

**Longitude:** -66.361871

**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, (PRR000005645)

**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		110007819156					N	18.073724	-66.361871
ICIS		1400002777					N	18.073333	-66.362222
RCRAInfo	RCRA	PRR000005645	Other	Inactive ( )			N		

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007819156	SHELL CO PR SS 3646 COOP LA CANDELARIA	PR-14 KM 32.5, COAMO, PR 00769	Coamo Municipio
ICIS		1400002777	SHELL #3646	CARR 14 KM 32.5, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRR000005645	SHELL CO PR SS 3646 COOP LA CANDELARIA	RD PR 14 KM 32.5, COAMO, PR 00769	Coamo 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)
---------	-----------	--------	---------------	----------------------------	-------------	------	-------------------------

No data records returned

*Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy activities or because they are not counted as inspections within EPA's Annual Results*  
<https://www.epa.gov/compliance/compliance-monitoring-programs>  
<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	PRR000005645	No	05/31/2025	0	05/30/2025

## 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
RCRA	(Source ID: PRR000005645)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	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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No data records returned

### Environmental Conditions

## Watersheds

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

No data records returned

## Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

## Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name
---------------

No data records returned

Community

## 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))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	8,000	Children 5 years and younger	392 (5%)
Population Density	2,563/sq.mi.	Minors 17 years and younger	1,317 (16%)
Housing Units in Area	4,145	Adults 18 years and older	6,683 (84%)
Percent People of Color	100%	Seniors 65 years and older	1,631 (20%)
Households in Area	3,361	<b>Race Breakdown (ACS (American Community Survey)) - Persons (%)</b>	
Households on Public Assistance	168	White	2,872 (36%)
Persons With Low Income	6,551	African-American	981 (12%)
Percent With Low Income	82%	Hispanic-Origin	7,962 (100%)
<b>Geography</b>		Asian	0 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.073724	American Indian	1 (0%)
Center Longitude	-66.361871	Other/Multiracial	407 (5%)
Total Area	--	<b>Education Level (Persons 25 &amp; older) (ACS (American Community Survey)) - Persons (%)</b>	
Land Area	100%	Less than 9th Grade	789 (13.12%)
Water Area	0%	9th through 12th Grade	395 (6.57%)
<b>Income Breakdown (ACS (American Community Survey)) - Households (%)</b>		High School Diploma	2,594 (43.13%)
Less than \$15,000	1,718 (51.09%)	Some College/2-year	502 (8.35%)
\$15,000 - \$25,000	607 (18.05%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,300 (21.62%)
\$25,000 - \$50,000	631 (18.76%)		
\$50,000 - \$75,000	260 (7.73%)		
Greater than \$75,000	147 (4.37%)		



# Detailed Facility Report

## Facility Summary

**TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 215642**

**95 CALLE JOSE QUINTON, COAMO, PR 00769**

**FRS (Facility Registry Service) ID:** 110042424132

**EPA Region:** 02

**Latitude:** 18.07873

**Longitude:** -66.36186

**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	--
<b>Compliance Status</b>	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

**Clean Air Act (CAA):** No Information

**Clean Water Act (CWA):** No Information

**Resource Conservation and Recovery Act (RCRA):** Active SQG, (PRR000023317)

**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		110042424132					N	18.07873	-66.36186
RCRAInfo	RCRA	PRR000023317	SQG	Active (H)			N	18.078209	-66.362006

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042424132	TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 215642	95 CALLE JOSE QUINTON, COAMO, PR 00769	Coamo Municipio
RCRAInfo	RCRA	PRR000023317	TOTAL PETROLEUM PUERTO RICO CORP - SERVICE STATION 215642	95 CALLE JOSE QUINTON, COAMO, PR 00769	Coamo 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	PRR000023317	44711	Gasoline Stations with Convenience Stores
RCRAInfo	PRR000023317	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	PRR000023317	No	05/31/2025	0	05/30/2025

## 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
RCRA	(Source ID: PRR000023317)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified										
	Violation											
	Agency											

## Informal Enforcement Actions Last 5 Years

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

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

## Formal Enforcement Actions Last 5 Years

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

### Environmental Conditions

## Watersheds

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

## Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

## Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name
---------------

No data records returned

Community

## 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	7,771
Population Density	2,490/sq.mi.
Housing Units in Area	4,086
Percent People of Color	100%
Households in Area	3,290
Households on Public Assistance	167
Persons With Low Income	6,397
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.07873
Center Longitude	-66.36186
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,708 (51.93%)
\$15,000 - \$25,000	576 (17.51%)
\$25,000 - \$50,000	612 (18.61%)
\$50,000 - \$75,000	254 (7.72%)
Greater than \$75,000	139 (4.23%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	381 (5%)
Minors 17 years and younger	1,264 (16%)
Adults 18 years and older	6,505 (84%)
Seniors 65 years and older	1,639 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,757 (35%)
African-American	939 (12%)
Hispanic-Origin	7,728 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	1 (0%)
Other/Multiracial	384 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	780 (13.24%)
9th through 12th Grade	411 (6.98%)
High School Diploma	2,557 (43.41%)
Some College/2-year	479 (8.13%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,239 (21.04%)

**Appendix \*:** USFWS “No Effect” Memo and supporting documentations

Date: April 30, 2025

Applicant ID: PR-ESP-00191

Street Address: Calle Willie Rosario 2, Coamo PR, 00769

Municipality: Coamo

RE: No Effect Determination for PR-ESP-00191

## 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 the proposed project, PR-ESP-00191, located at Calle Willie Rosario 2, Coamo PR, 00769 (Parcel ID# 345-033-045-14-001) 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 CDBG-DR Energy Electrical Power Reliability and Resilience (ER2) Program's objective is to enhance electric system reliability, affordability, and resiliency through the development and interconnection of projects that qualify as electric system enhancements or improvements.

## Project Description

The subject property is a Commercial building located in Coamo, PR. The project scope includes the installation of a photovoltaic (solar) panel system and appurtenant storage system (batteries) on the existing commercial building's roof and will be built at Latitude: 18.079597, Longitude: -66.357744 (see Site Map at Appendix A, Figure 1). All improvements will be limited to the roof, floors, and walls of existing commercial buildings. The Field Observation Form and Environmental Screening Checklist depicting and clarifying the extent and location of project activities are included in Appendix B.

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

Species	Status
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Endangered

Critical Habitat
None.

**Existing Conditions:**

The area where the activities will be taking place consists of approximately 0.07-acres of land located at Calle Willie Rosario 2, Coamo PR, 00769. According to the U.S. Geological Survey National Land Cover Database (NLCD) (Appendix A, Figure 4) the majority of the project area consists of high intensity developed land. A structure matching project orientation and footprint is present in 1958 in Historic Aerials, but not in municipality imagery. The year build is circa 1950. A topographic map is included (see Appendix A, Figure 3). The project is located in Zone X on the FEMA Flood map and ABFE map, panel number 72000C1705H dated 4/19/2005 (see Flood Map Appendix A, Figure 5 and ABFE map Appendix A, Figure 6). A Preliminary FIRM has not been developed for this area. There is a mapped NWI riverine, according to the Wetland Maps a riverine is 1,277 feet east where the commercial building is located. The project activities will not occur within a natural or manmade wetlands and no direct or indirect impacts are anticipated as a result of the project activities (see wetlands map Appendix A, Figure 7).

**Effect Determination:**

Based on a review of site photos and other information gathered during a site visit on March 13, 2025, none of the species listed above were observed in the vicinity of the proposed project activities and no critical habitat was identified within the proposed project area. 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)
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	No Effect	None required

**SPECIES ANALYSIS**

**Puerto Rican Boa (*Chilabothrus inornatus*)**

Considered to be a habitat generalist, the Puerto Rican Boa tolerates a wide variety terrestrial and arboreal habitat, including rocky areas, haystack hill, trees and branches, rotting stumps, caves, plantations, various types of forested areas such as karst and mangrove forests, forested urban and rural areas, and along streams and road edges. The IPaC Determination Key (Dkey) for the Puerto Rican Boa, dated April 29, 2025, was used to evaluate the potential impacts to federally listed species from this project. Based on the Dkey responses, it was determined that the proposed project will have 'No Effect' on the Puerto Rican Boa (Appendix C).

If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask them to relocate the Boa.



---

Patricia Carmenatty / Senior Biologist

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April 30, 2025  
Date

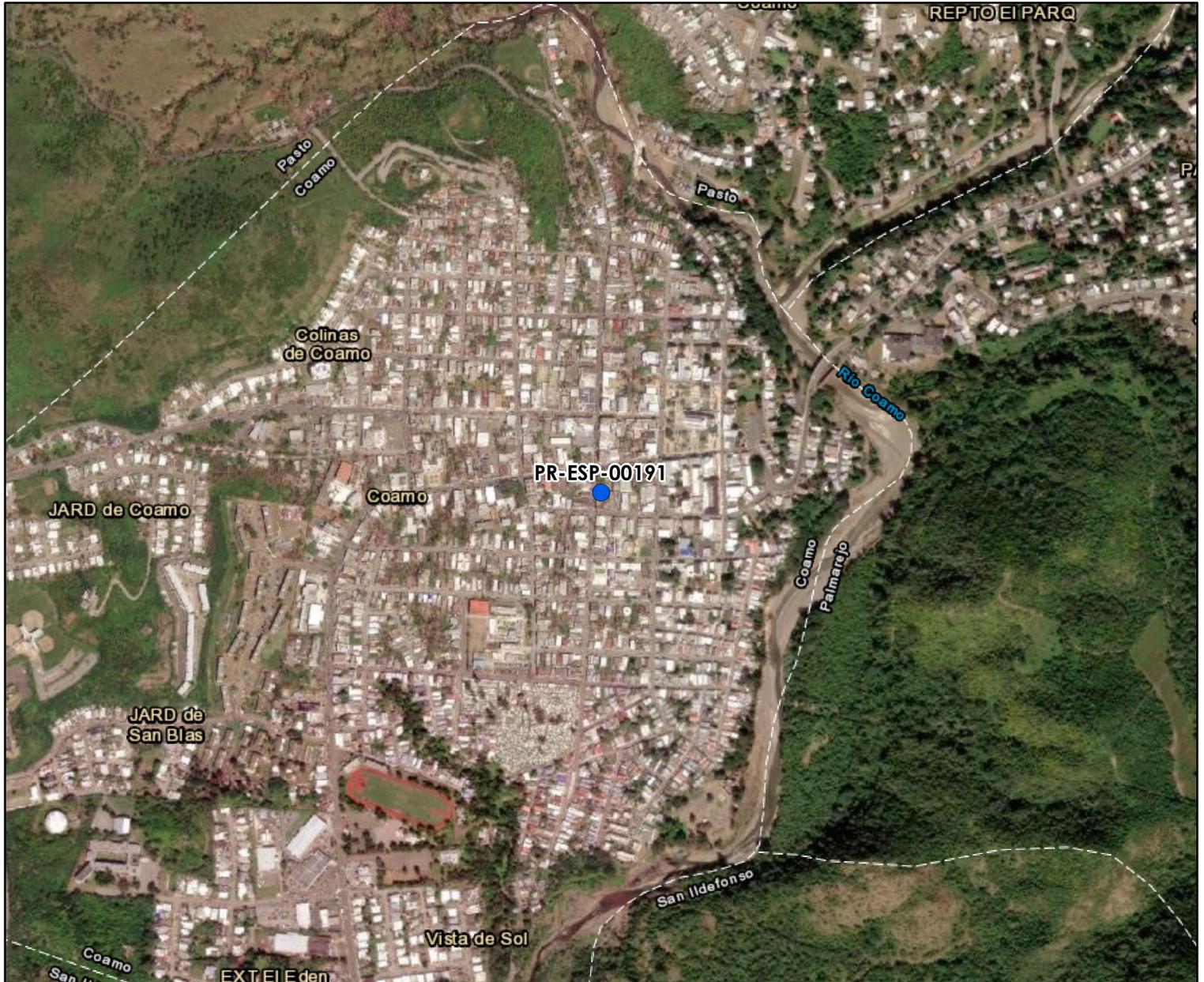
## **Appendix A: Figures**

Figure 1

# Location: Aerial Map

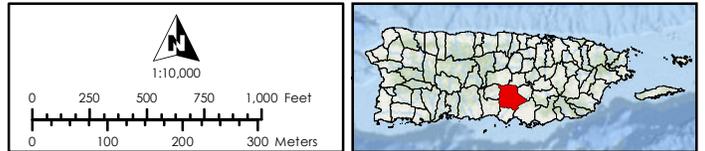
Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
Calle Willie Rosario 2,  
Coamo PR 00769  
Catastro: 345-033-045-14-001  
Lat: 18.079597, Lon: -66.357744



### Legend:

- PR-ESP-00191



Service Layer Credits:  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
Centro de Recaudación de Ingresos Municipales (CRIM)  
<https://catastro.crimpr.net/cdprpc/>

Figure 2  
**Threatened and Endangered Species Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Critical Habitat

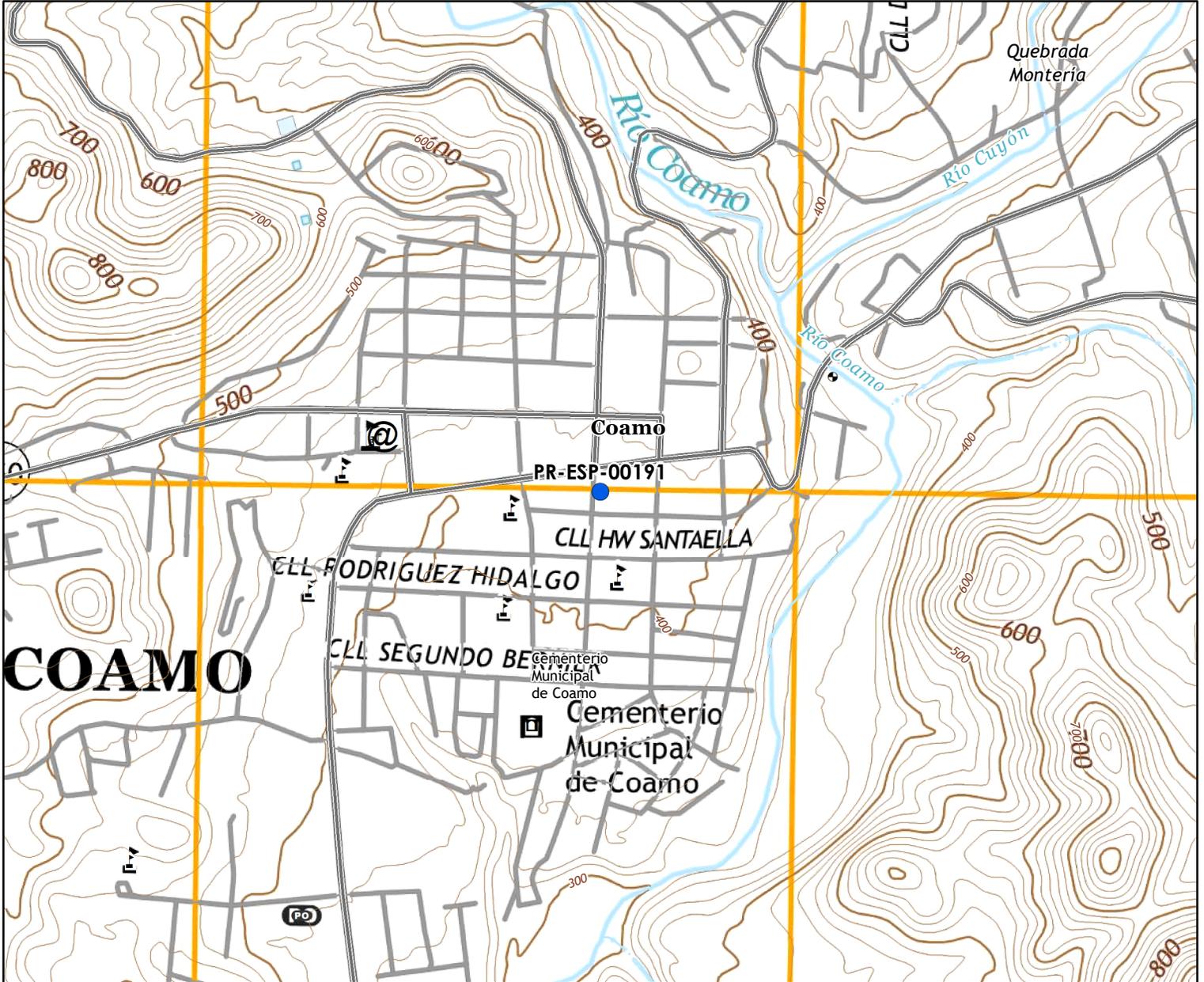
1:200,000  
 0 10,000 20,000 Feet  
 0 2,000 4,000 6,000 Meters

Service Layer Credits:  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 NOAA Office of Response and Restoration  
<https://response.restoration.noaa.gov/>

Figure 3  
**Location: Topographic Map**  
 Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Elev\_Contour

**Quadrangle: Coamo**

1:10,000  
 0 250 500 750 1,000 Feet  
 0 100 200 300 Meters

Service Layer Credits:  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

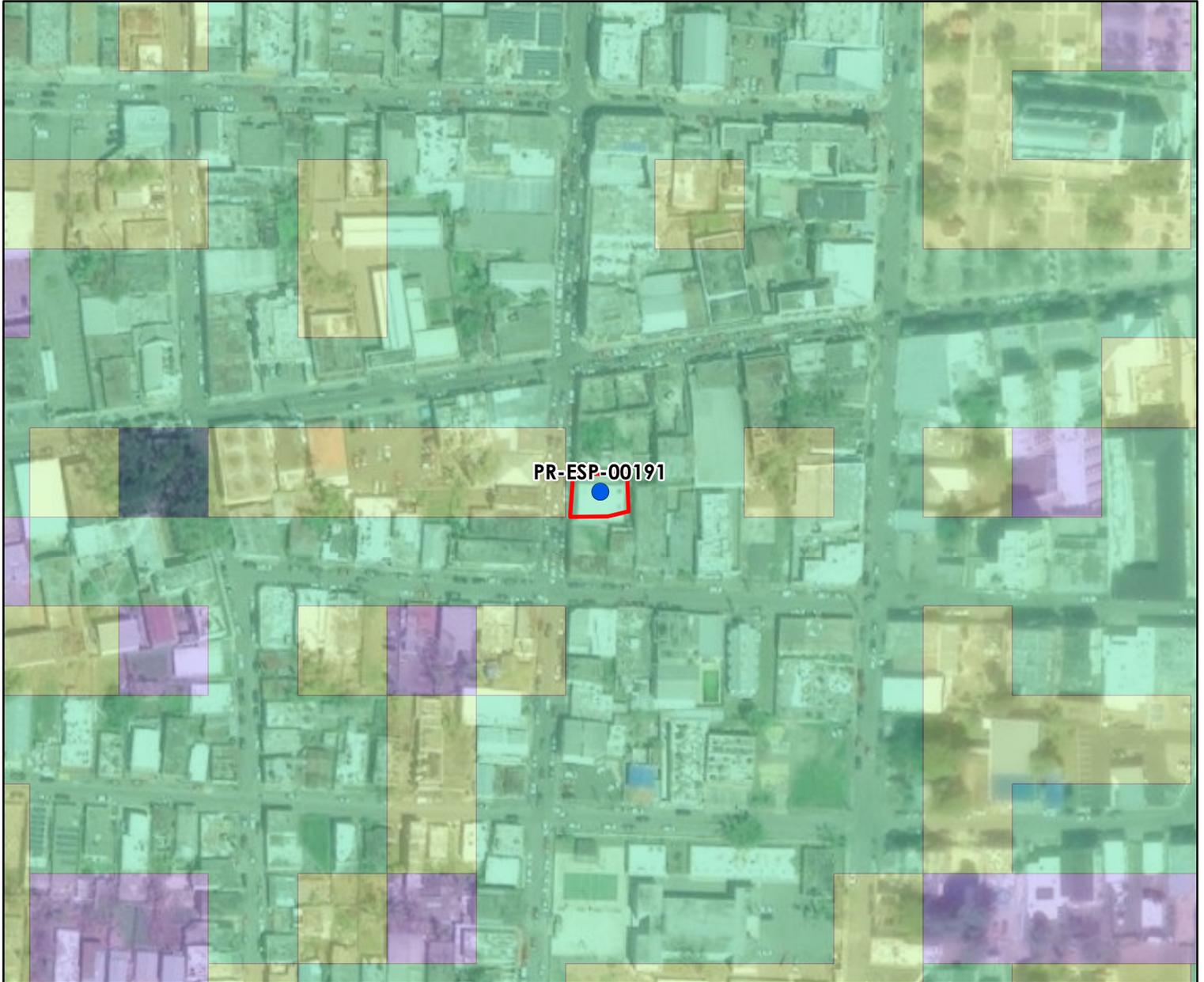
Source:  
 Centro de Recaudación de Ingresos Municipales (CRIM)  
<https://catastro.crimpr.net/cdprpc/>

Figure 4

# Land Cover Map

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
Calle Willie Rosario 2,  
Coamo PR 00769  
Catastro: 345-033-045-14-001  
Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- CRIM-Parcel
- High Intensity Developed
- Low Intensity Developed
- Medium Intensity Developed
- Mixed Forest

1:2,000

0 100 200 Feet  
0 20 40 60 Meters



Service Layer Credits:  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
Multi-Resolution Land Characteristics (MRLC) Consortium  
<https://www.mrlc.gov/viewer/>

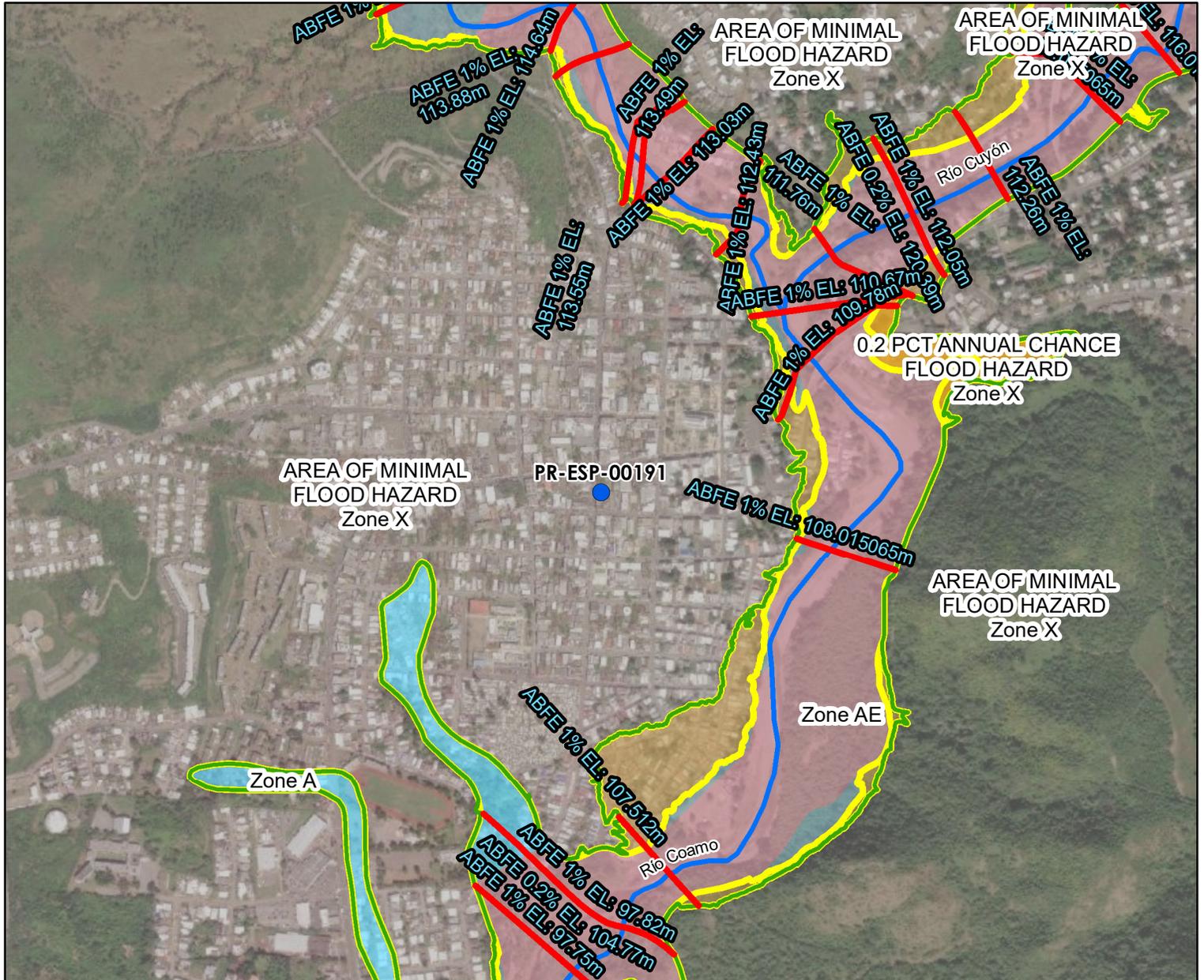


Figure 6

# Advisory Base Flood Elevation Map

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Area Potential Effect (Building Footprint)
- CRIM-Parcel
- Advisory Base Flood Elevations (ABFE)
- 0.2 % Annual Chance Flood
- 1 % Annual Chance Flood

Flood Zone	
<span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; border: 1px solid black;"></span>	Zone A
<span style="display: inline-block; width: 15px; height: 15px; background-color: pink; border: 1px solid black;"></span>	Zone AE
<span style="display: inline-block; width: 15px; height: 15px; background-color: lightgreen; border: 1px solid black;"></span>	Zone AO
<span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black;"></span>	Zone VE
<span style="display: inline-block; width: 15px; height: 15px; background-color: gray; border: 1px solid black;"></span>	Zone X - Area of Minimal Flood Hazard
<span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black;"></span>	0.2 % Annual Chance Flood
<span style="display: inline-block; width: 15px; height: 15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	Floodway

1:10,000  
 0 250 500 750 1,000 Feet  
 0 100 200 300 Meters

**Service Layer Credits:**  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

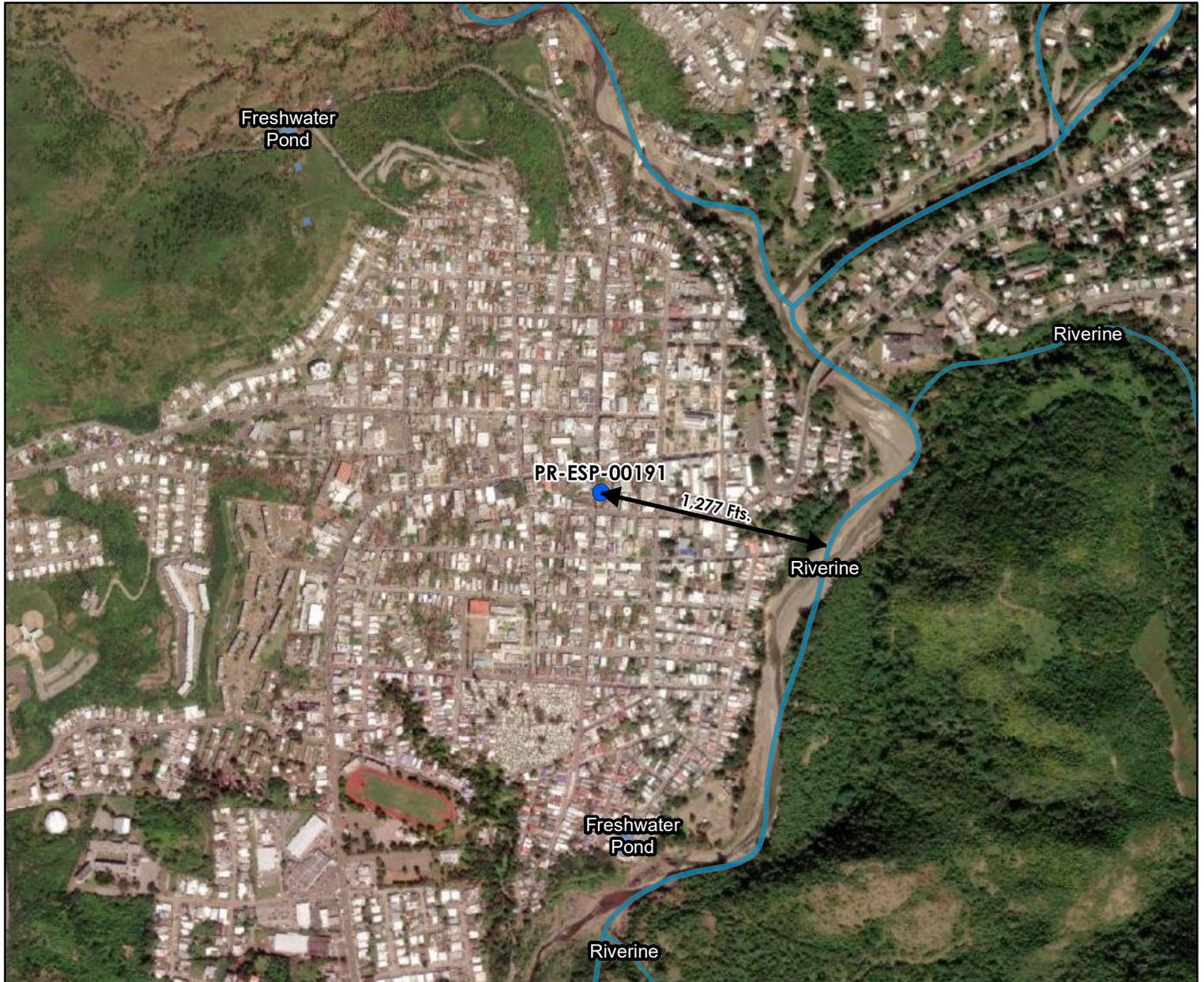
**Source:**  
 Federal Emergency Management Agency (FEMA), <https://gis-r2-fema.hub.arcgis.com/>  
 Junta de Planificacion de Puerto Rico (JP), <https://maps.jp.pr.gov/>  
 Mapas de Niveles de Inundacion Base Recomendados

Figure 7

# Wetlands Map

Electrical Power Reliability and Resilience Program (ER2)

Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191

**National Wetlands Inventory**

<span style="display: inline-block; width: 15px; height: 15px; background-color: #008080; border: 1px solid black;"></span> Estuarine and Marine Deepwater	<span style="display: inline-block; width: 15px; height: 15px; background-color: #ADD8E6; border: 1px solid black;"></span> Freshwater Pond
<span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; border: 1px solid black;"></span> Estuarine and Marine Wetland	<span style="display: inline-block; width: 15px; height: 15px; background-color: #4169E1; border: 1px solid black;"></span> Lake
<span style="display: inline-block; width: 15px; height: 15px; background-color: #9ACD32; border: 1px solid black;"></span> Freshwater Emergent Wetland	<span style="display: inline-block; width: 15px; height: 15px; background-color: #00CED1; border: 1px solid black;"></span> Riverine
<span style="display: inline-block; width: 15px; height: 15px; background-color: #228B22; border: 1px solid black;"></span> Freshwater Forested/Shrub Wetland	

1:10,000

0 250 500 750 1,000 Feet

0 100 200 300 Meters

Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 U.S. Fish and Wildlife Service - National Wetlands Inventory  
<https://www.fws.gov/program/national-wetlands-inventory>

## **Appendix B:** Field Observation Form and Environmental Screening Checklist

Environmental Field Assessment Form - PR-ESP-00191

**APPLICANT/LOCATION INFORMATION**

Applicant ID:	PR-ESP-00191
Applicant Name:	Pao's Pharmacy Inc
Parcel ID:	345-033-045-14-001
Coordinates:	18.079597, -66.357744
Street Address:	Calle Willie Rosario 2
Municipio:	Coamo
Zip Code:	00769
Site Inspector:	Egon Gonzalez
Date of Visit:	March 13, 2025
Time of Visit:	15:11
Year Built:	circa 1950



**Building Information**

Question	Answer	Notes
1. Location verified:	Yes	18.079597, -66.357744
2. Is the building correct on GIS?	Yes	Building is correct on GIS
3. Building Type:	Commercial	
4. # of Stories:	1	
5. Building Foundation:	Concrete Slab	
6. Is the building in use?	Yes	Building is in use
7. Does the building have a detached garage / carport present?	No	
8. Is the electricity connected?	Yes	Electricity is connected
9. Is the water connected?	Yes	Water is connected
10. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, electrical equipment etc.)	No	
11. Is a septic system present? If Yes report apparent condition.	No	
12. Are there any obvious signs of animals, birds nesting or burrows near the site?	No	



Parcel Conditions		
Question	Answer	Notes
1) Are there any 55-gallon drums visible on site? If yes, are they leaking?	No	
2) Are there any (or signs of any) underground storage tanks on the property?	No	
3) Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
4) Is there any stained soil or pavement on the parcel?	No	
5) Are there any potentially hazardous trees that could fall?	No	
6) Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
7) Is there distressed vegetation on the parcel?	No	
8) Are any additional environmental or non-environmental site hazards observed?	No	
9) Is there any permanent standing water, such as a pond or stream, located on the site(do not include ponding from recent rain / weather events)?	No	
10) Does the subject property have water frontage?	No	
11) Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/ area?	Yes	Structure appears to be located in historic district
12) Is a historic marker present?	No	
13) Based on the above finding, does additional information need to be obtained from the applicant to determine whether an environmental hazard is present?	No	

Building Environmental Conditions		
Question	Answer	Notes
1. Is there any visible evidence of asbestos, chipping, and flaking or peeling paint, or hazardous materials present in or on the structure?	No	
2. Is there any visible indication of mold?	No	
3. Are there any pungent, foul or noxious odors?	No	

Additional Needs Analysis		
Question	Answer	Notes
Based on the above findings, does additional information need to be obtained from the applicant to determine whether an environmental hazard is present?	No	

I verify that I have physically visited this property and that the findings outlined above are accurate.



Inspector Signature

Egon Gonzalez

March 13, 2025

Front of Structure

Photo Direction: East

Comments:



Facing Away from Front

Photo Direction: West

Comments:



Side #1 of Structure

Photo Direction: East

Comments:



Facing Away From Side #1

Photo Direction: Northeast

Comments:



Back of Structure

Photo Direction: North

Comments:



Facing Away from Back

Photo Direction: North

Comments:



Side #2 of Structure

Photo Direction: North

Comments:



Facing Away from Side #2

Photo Direction: Southeast

Comments:



**Streetscape #1**

Photo Direction: North

Comments:



**Streetscape #2**

Photo Direction: South

Comments:



Address

Photo Direction: East

Comments:



**Architectural Details 1**

Photo Direction:

Photo Description: Electricity is connected



**Architectural Details 2**

Photo Direction:

Photo Description: Water is connected



**Architectural Details 3**

Photo Direction:

Photo Description: General interior view



**Architectural Details 4**

Photo Direction:

Photo Description: General interior view



**Architectural Details 5**

Photo Direction:

Photo Description: General interior view



**Architectural Details 6**

Photo Direction:

Photo Description:

## **Appendix C:** Information for Planning and Consultation (IPaC) system



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Caribbean Ecological Services Field Office  
Post Office Box 491  
Boqueron, PR 00622-0491  
Phone: (939) 320-3135 Fax: (787) 851-7440  
Email Address: [CARIBBEAN\\_ES@FWS.GOV](mailto:CARIBBEAN_ES@FWS.GOV)

In Reply Refer To:  
Project Code: 2025-0089644  
Project Name: PR-ESP-00191

04/29/2025 15:45:54 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

**\*THE FOLLOWING SPECIES LIST IS NOT A SECTION 7 CONSULTATION. PLEASE CONTACT OUR OFFICE TO COMPLETE THE CONSULTATION PROCESS\***

The purpose of the Endangered Species Act (Act) is to provide a means whereby threatened, and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect those species and/or their designated critical habitat.

Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". The enclosed species list provides information to assist with the U.S. Fish and Wildlife Service (Service) consultation process under section 7 of the Act. However, **the enclosed species list does not complete the required consultation process**. The species list identifies threatened, endangered, proposed and candidate species, as well as proposed and designated critical habitats, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. A discussion between the Federal agency and the Service should include what types of listed species may occur in the proposed action area and what effect the proposed action may have on those species. This process initiates informal consultation.

Once a species list is obtained for the proposed project, an effect determination for endangered and threatened species should be made. The applicant could make an effect determination by using available keys on IPaC for specific species. For species with no determination keys, the applicant should request concurrence from the Service by sending a project package

to [caribbean\\_es@fws.gov](mailto:caribbean_es@fws.gov). To obtain guidance for completing this process and the minimum requirements for project packages, please visit:

<https://www.fws.gov/sites/default/files/documents/consultation-under-section-7-of-the-endangered-species-act-with-the-caribbean-ecological%20Services-field-office-template-letter.pdf>

When a federal agency, after discussions with the Service, determines that the proposed action is not likely to adversely affect any listed species, or adversely modify any designated critical habitat, and the Service concurs, the informal consultation is complete, and the proposed project moves ahead. If the proposed action is suspected to affect a listed species or modify designated critical habitat, the Federal agency may then prepare a Biological Assessment (B.A.) to assist in its determination of the project's effects on species and their habitat. However, a B.A. is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a B.A. where the agency provides the Service with an evaluation on the likely effects of the action to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a B.A. are described at 50 CFR 402.12.

If a federal agency determines, based on its B.A. or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to further consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species, and proposed critical habitat be addressed within the consultation process. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species.

This list is provided pursuant to Section 7 of the Endangered Species Act and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". Please use this list to determine whether your project requires consultation and to make your effects determination. For more guidance, use the Guideline for Consultation under Section 7 of the Endangered Species Act with the Caribbean Ecological Services Field Office by clicking [here](#).

This species list is provided by:

Caribbean Ecological Services Field Office

[caribbean\\_es@fws.gov](mailto:caribbean_es@fws.gov)

Post Office Box 491

Boqueron, PR 00622-0491

(786) 244-0081

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Caribbean Ecological Services Field Office**

Post Office Box 491

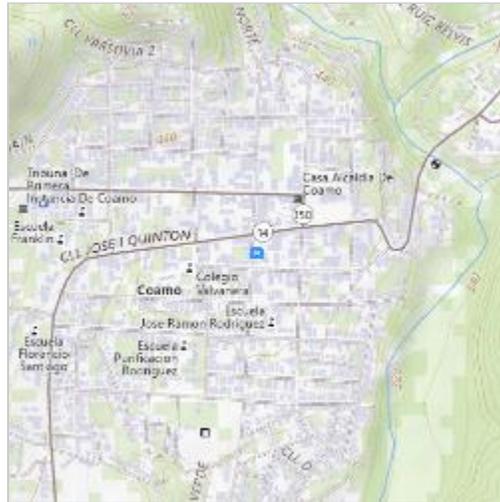
Boqueron, PR 00622-0491

(939) 320-3135

## PROJECT SUMMARY

Project Code: 2025-0089644  
Project Name: PR-ESP-00191  
Project Type: Power Gen - Solar  
Project Description: Pao's Pharmacy Inc. / Commercial Building  
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.079599700000003,-66.35773678203077,14z>



Counties: Coamo County, Puerto Rico

## ENDANGERED SPECIES ACT SPECIES

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## REPTILES

NAME	STATUS
<p>Puerto Rican Boa <i>Chilabothrus inornatus</i></p> <p>No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6628">https://ecos.fws.gov/ecp/species/6628</a> General project design guidelines: <a href="https://ipac.ecosphere.fws.gov/project/CEANDQLOKRFI7KRKOJE2SBJO7U/documents/generated/7159.pdf">https://ipac.ecosphere.fws.gov/project/CEANDQLOKRFI7KRKOJE2SBJO7U/documents/generated/7159.pdf</a></p>	Endangered

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

## BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act <sup>2</sup> and the Migratory Bird Treaty Act (MBTA) <sup>1</sup>. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

- 
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
  2. The [Migratory Birds Treaty Act](#) of 1918.
  3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

BALD & GOLDEN EAGLES INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

## MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) <sup>1</sup> prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

---

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

MIGRATORY BIRD INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

## WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

## **IPAC USER CONTACT INFORMATION**

Agency: Private Entity  
Name: Patricia Carmenatty  
Address: Perseo St. 554 Cond. Iberia Suite J-3  
City: San Juan  
State: PR  
Zip: 00920  
Email: patricia.carmenatty@byaea.com  
Phone: 7877830290



## Pao's Pharmacy Inc. / Commercial Building

Based on your answers and the assistance of the Service's Caribbean DKey, you determined the proposed Action will have "No Effect" on the following species:

Species	Listing Status	Determination
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Endangered	No effect

Thank you for informing the Service of your "No Effect" determination(s) for this project. No further consultation/coordination for this project is required for these species. However, be aware that reinitiation of consultation may be necessary if later modifications are made to the project so that it no longer meets the criteria or outcome described above, or if new information reveals effects of the action that could affect listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed.

This letter serves as documentation of your consideration of the federally listed species as required under section 7 of the ESA. However, effects to the other federally listed species or critical habitat as listed below from the "IPaC print-out for the project" (see below) should be considered as part of your ESA review for the project.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a "No Effect" (NE) determination for Federally listed species in the Caribbean. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NE concurrence provided here. This verification period allows the Caribbean Ecological Services Field Office to apply local knowledge to evaluate the Action, as we may identify a small subset of actions having unanticipated impacts. In such instances, the Caribbean Ecological Services Field Office may request additional information to verify the effects determination reached through the DKey.

**Note:** Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office ([caribbean\\_es@fws.gov](mailto:caribbean_es@fws.gov)) to determine whether the consultation needs to be reinitiated.

If the proposed project is located within species range where a DKey has not been developed for those species, please follow the established guidance for initiating section 7 consultation Caribbean Ecological Services Field Office.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of our people. If you have any questions or require additional information, please contact our office at [Caribbean\\_es@fws.gov](mailto:Caribbean_es@fws.gov).

## Action Description

You provided to IPaC the following name and description for the subject Action.

### 1. Name

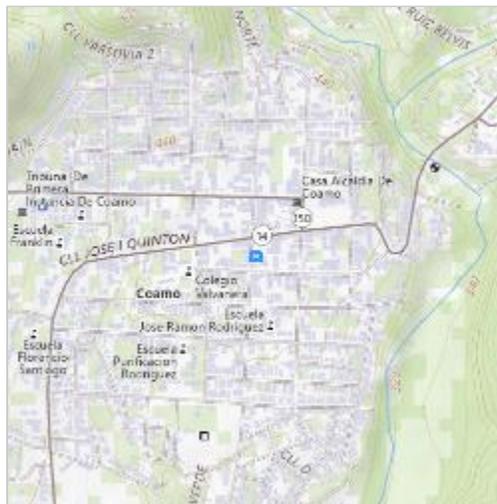
PR-ESP-00191

### 2. Description

The following description was provided for the project 'PR-ESP-00191':

Pao's Pharmacy Inc. / Commercial Building

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.079599700000003,-66.35773678203077,14z>



## QUALIFICATION INTERVIEW

1. Is the proposed project an EPA Multi-Sector General Permit (MSGP) renewal for an existing project? ([MSGP Fact Sheet](#))

*No*

2. Is the proposed project within an urban developed area? (i.e., cities, downtowns, shopping malls etc.)

**Note:** Urban and developed areas has one or more of the following characteristics: Presence of existing buildings, residential areas, and commercial establishments. Well-established infrastructure including roads, utilities, and urban facilities. High population density. Established neighborhoods and urban amenities ("urbanizaciones"). Developed landscape with paved surfaces, parking lots, and industrial areas. Signs of human activity and urbanization, such as shopping centers and recreational facilities. Location within the boundaries of a city or town ("casco urbano"). High concentration of built-up structures and limited open spaces. Aerial imagery might be requested to the applicant. .

*Yes*

3. [Hidden Semantic] Does the proposed project intersect the Puerto Rican boa area of influence?

**Automatically answered**

*Yes*

## **IPAC USER CONTACT INFORMATION**

Agency: Private Entity  
Name: Patricia Carmenatty  
Address: Perseo St. 554 Cond. Iberia Suite J-3  
City: San Juan  
State: PR  
Zip: 00920  
Email: patricia.carmenatty@byaea.com  
Phone: 7877830290

## **Appendix D: USFWS Species Analysis**

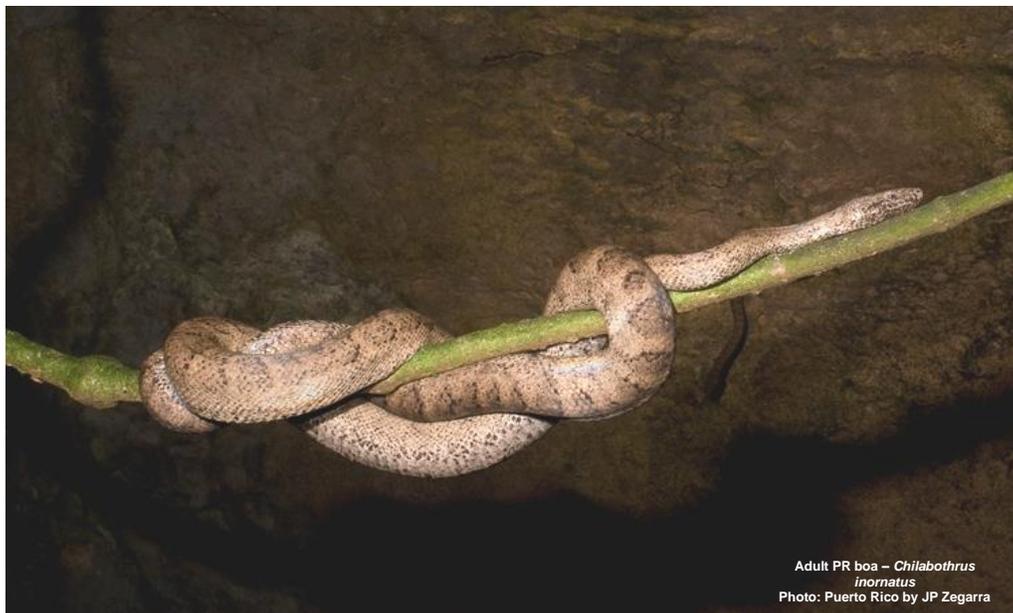


## U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

### Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect federally listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



The PR boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types, ranging from wet montane to subtropical dry forest and can be found from mature forest to areas with different degrees of human disturbance such as roadsides or houses, especially if near their habitat in rural areas. The PR boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

#### Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.
2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.
3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.
4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: (787) 724-5700, (787) 230-5550, (787) 771-1124). **If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own.** Activities at other work sites, where no boas have been found after surveying the area, may continue.
5. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

6. If a PR boa is captured by PRDNER personnel, record the name of that person and information on where the PR boa will be taken. This information should be reported to the Service.
7. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal, and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #4). If not possible, the animal should be left alone until it leaves the vehicle on its own.
8. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.
9. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #5). If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.
10. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- José Cruz-Burgos, Endangered Species Program Coordinator
  - Email: [jose\\_cruz-burgos@fws.gov](mailto:jose_cruz-burgos@fws.gov)
  - Office phone (305) 304-1386
- Jan Zegarra, Fish and Wildlife Biologist
  - Email: [jan\\_zegarra@fws.gov](mailto:jan_zegarra@fws.gov)
  - Office phone (786) 933-1451

## **Appendix 7:** SECTION 106 CONSULTATION PACKAGE



STATE HISTORIC  
**PRESERVATION  
OFFICE**

GOVERNMENT OF PUERTO RICO

Executive Director | Carlos A. Rubio Cancela | [carubio@prshpo.pr.gov](mailto:carubio@prshpo.pr.gov)

September 16, 2025

**Kristin Sanders**

269 Avenida Ponce de León

San Juan, PR 00917

**SHPO-CF-09-05-25-06 - PR-ESP-00191 (Coamo), Pao's Pharmacy Inc.**

Dear Ms. Sanders,

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

After a review of all the documentation provided, the PRSHPO agrees with your finding that the proposed project, with the established conditions, will have **no adverse effect** upon PR-ESP-00191 (Coamo), Pao's Pharmacy Inc.:

- When installed the systems (photovoltaic and battery storage) remain not visible or minimally visible from the street to be consistent with the related Secretary of the Interior's standards, guidelines and technical briefs.

If the location of the installation changes in any way, re-consultation with SHPO must occur. When installed, the PVS shall remain minimally visible from the public right-of-



way.

After the close of the 30-day review period and if no consulting party has objected, you may proceed with the undertaking in accordance with §800.5(d)(1).

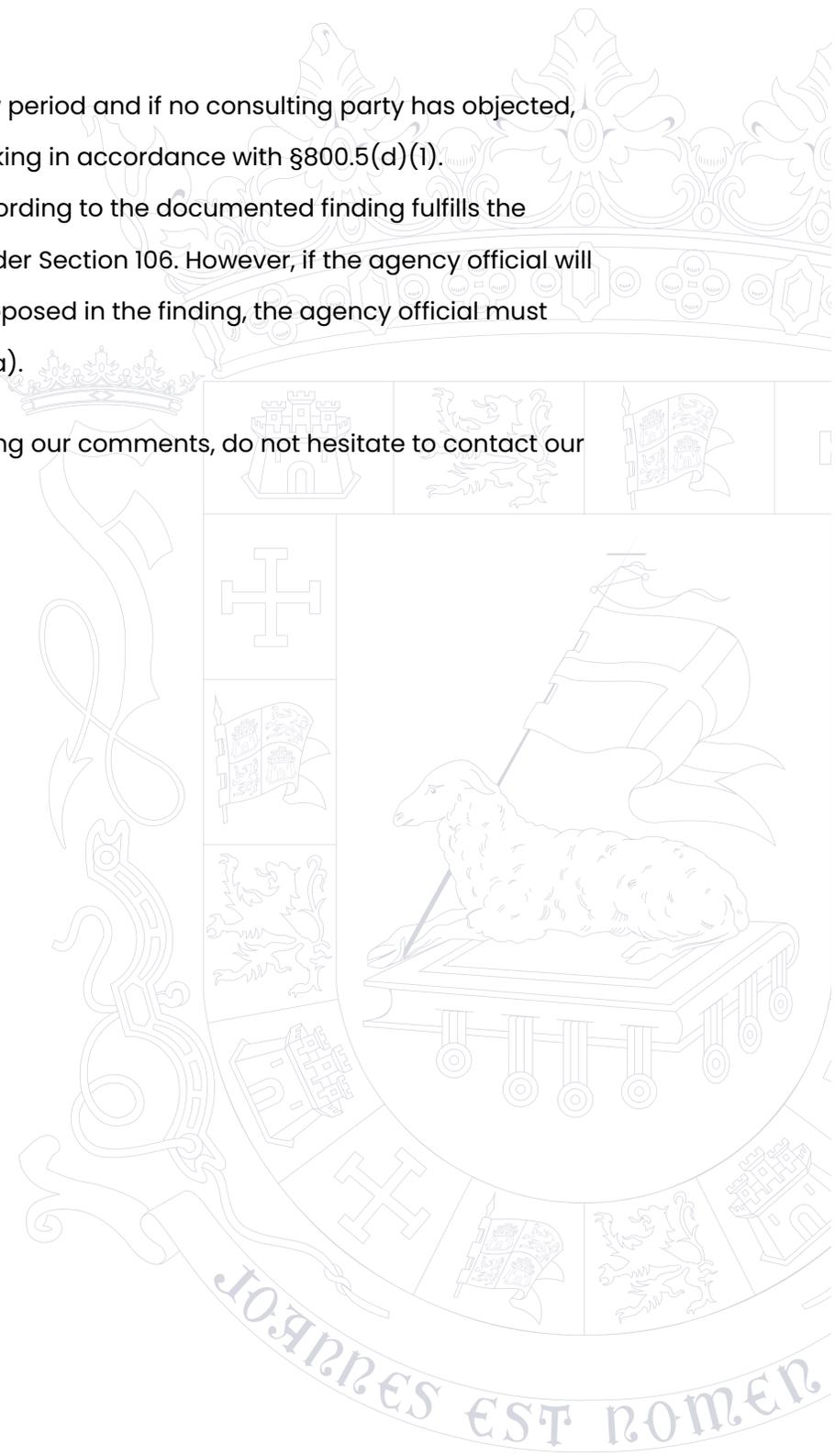
Implementing the undertaking according to the documented finding fulfills the agency official's responsibilities under Section 106. However, if the agency official will not conduct the undertaking as proposed in the finding, the agency official must reopen consultation under §800.5(a).

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/YC





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](mailto: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:

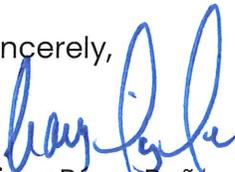
*A responsible entity shall consult with appropriate environmental agencies, State, Federal and non-Federal entities and the public in the preparation of an EIS, EA or other environmental reviews undertaken under the related laws and authorities cited in § 58.5 and § 58.6. [...].*

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](mailto:alberto.mercadovargas@horne.com)

September 5, 2025

Carlos A. Rubio Cancela  
Director Ejecutivo  
Oficina Estatal de Conservación Histórica  
Cuartel de Ballajá (Tercer Piso)  
San Juan, PR 00902-3935

**PUERTO RICO DISASTER RECOVERY, CDBG-DR PROGRAM: ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)**

SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL – PR-ESP-00191, PAO'S PHARMACY INC, COAMO, PUERTO RICO – *NO ADVERSE EFFECT – CONDITIONED*

Dear Architect Rubio Cancela,

In accordance with Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR Part 800, HORNE is providing information for your review and requesting your concurrence regarding the above-referenced projects on behalf of the Puerto Rico Department of Housing (PRDOH) and Electrical Power Reliability and Resilience Program (ER2). 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 (Housing) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents.

The purpose of the ESP is to benefit Puerto Rican communities by funding projects that enhance electric system reliability, affordability, and resiliency. The Program's design will be carried out through the development and interconnection of microgrids and distributed energy resources, including renewable energy generation, combined heat and power (CHP) systems, photovoltaic systems (PVS), and battery storage systems (BSS), among other eligible project types.

On behalf of PRDOH, we are submitting documentation for the proposed Pao's Pharmacy Inc, located within the Coamo Traditional Urban Center. The applicant is proposing the installation of a Photovoltaic System (PVS) on the roof and a Battery Storage System (BSS)

in interior of the storage room, in the interior, on the left-side wall of the building located at Calle Willie Rosario 2. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the site plan.

Based on the provided documentation, the Program requests a concurrence with a determination that **no adverse effect** to historic properties is appropriate for this undertaking, conditioned that, when installed, the solar panels remain not visible or minimally visible from the street to be consistent with the related Secretary of the Interior's standards, guidelines, and technical briefs.

We look forward to your review and concurrence. Please contact me with any questions or concerns by email at [kristin.sanders@horne.com](mailto:kristin.sanders@horne.com) or phone at 225-276-2109.

Kindest regards,

A handwritten signature in blue ink that reads 'Kristin P. Sanders'.

**Kristin P. Sanders**

Historic Preservation Manager

Attachments

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>		
<b>Case ID:</b> PR-ESP-00191		
<b>City:</b> Coamo		

<b>Applicant Name:</b> Pao's Pharmacy Inc	
<b>Project Location</b> (Street Address, City): Calle Willie Rosario 2, Coamo	
<b>Project Coordinates</b> (Lat/Long): 18.079597, -66.357744	
<b>Parcel ID:</b> 345-033-045-14-001	
<b>Type of Undertaking:</b> Installation of Photovoltaic System (PVS) and a Battery Storage System (BSS)	
<b>Construction Date</b> (AH est.): circa 1950	<b>Property Size</b> (acres): 0.07

<b>SOI-Qualified Architect/Architectural Historian:</b> Jorge L Lizardi Pollock, PhD
<b>Date Reviewed:</b> 5/5/2025

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the National Register of Historic Places (NRHP) and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties. It has been determined that the proposed undertaking does not meet allowances as outlined in the Programmatic Agreement.

**Project Description (Undertaking)**

The proposed undertaking is the installation of a Photovoltaic System (PVS) and a Battery Storage System (BSS) on the roof of the residence located at Calle Willie Rosario 2, in the Coamo designated Historic Zone and Traditional Urban Center, in the municipality of Coamo. According to the project quote the PVS will be installed on the structure roof and the BSS will be installed in the interior, on the left-side wall of structure. The proposed installation location on the subject property showing where the PVS and BSS will be shown below in Figure 1. The proposed system will not be visible from the public right-of-way.

The subject property is a one-level commercial building with concrete footings, walls, and a roof with a rectangular open floor plan. It has parallel access concrete ramp with railings in front that leads to the main entrance. The façade aligned with the street and adjacent properties features four identical segmental arches with white trimmings.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>	
<b>Case ID:</b> PR-ESP-00191	
<b>City:</b> Coamo	

Three of these arches have glass panes, while the third, from right to left, has a double-leaf glass and metal door. A fifth segmental arch on the extreme left is shorter, leads to a service patio, and has an iron gate installed. Above the arches, the building exhibits a stepped cornice that runs almost the whole length of the façade, and a parapet where the commerce sign is installed. The building's interior floor shows ceramic tiles. It also has a suspended ceiling made with aluminum ribs and cardboard. The rear wall has a narrow separation from the adjacent property and lacks cement plaster. The arches, cornice, and parapet appear to be the result of a recent renovation that incorporates historic elements, blending with the adjacent buildings on the other side of the street.

Historic USGS aerial imagery and Google Earth Pro 1994 photo suggest that the subject property was built between 1977 and 2004, probably over the footprint of a previously demolished one-story traditional house. (Illustrations 1, 2, and 3.) There are no visible remains of the previous existence of this house. Adjacent buildings are contributing properties and probably individually eligible to the National Register of Historic Places as per Coamo historic buildings inventory. The new building occupies the entire land plot footprint and aligns both the west and north elevations with the sidewalk.

Case ID: PR-ESP-00191

City: Coamo



Illustration 1. USGS 1958 aerial photograph showing APE

**Case ID:** PR-ESP-00191

**City:** Coamo



Illustration 2. USGS 1977 aerial photograph showing APE

Case ID: PR-ESP-00191

City: Coamo



Illustration 3. Google Earth Pro 2004 aerial photograph showing APE

### 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 building itself at Calle Willie Rosario 2. The Indirect/Visual APE is defined as the viewshed of the proposed project which is the surrounding properties in the Coamo Puerto Rico Planning Board Designated Historic Zone and Traditional Urban Center.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>	
<b>Case ID: PR-ESP-00191</b>	
<b>City: Coamo</b>	

### Identification of Historic Properties

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 boundaries of the National Register of Historic Places (NRHP)-eligible Coamo designated Historic Zone and Traditional Urban Center. Through this review, the following eligible and listed NRHP properties have been identified within a ¼ mile radius of the project area:

1. Betances Drugstore. Neoclassic masonry and concrete building, with brick and wood roof. NRHP-eligible, 0.03 miles NW. (18.079991, -66.358576).
2. Residence Picó Pomar (Ramón Rivera Bermúdez Museum). Built in masonry in 1840 within a neoclassic style. Renovated in 1878 keeping similar architectural traits, 0.05 miles NE. Included in the NRHP in 1988, #88000961 (18.080207, -66.357170).
3. House in Herminio Santaella Street. It is a late nineteenth residence vernacular residence made in masonry, wood and metal, 0.06 miles SE. NRHP-eligible (18.078714, -66.358032).
4. Logia Masónica Fiat Lux Núm 27. Neoclassical style building with porch, ionic columns and pediment, built in concrete circa 1910, 0.07 miles NE. NRHP-eligible (18.080671, -66.357472)
5. Escuela José Ramón Rodríguez. Two stories school made with concrete and within a Beaux-Arts volumetric and ornamental element, 0.08 miles S. NRHP-eligible (18.078320, -66.357511).
6. Nuestra Señora de la Valvanera. A chapel built in masonry between 1684 and 1685, but significantly renovated in 1894, keeping the footings and original walls, adding a new façade and stained glass to the apse and a new gable roof, 0.09 Miles W. Included in the NRHP in 1986, # 86000700 (18.079354, -66.359125).
7. Luis Muñoz Rivera town square. This public space is one of the oldest established during Spanish Colonial times, circa 1600. It was fully renovated was in 2002, 0.07 miles NE. NRHP-eligible. (18.080439, -66.356310)

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>	
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8. Coamo Old Casino. Built in masonry and brick circa 1882, within neoclassic elements, thin balcony columns and wrought iron railings. NRHP-eligible, 0.06 miles NW. (18.08003, -66.358585).
9. Borelli's residence. Neoclassic early twentieth century house, built with concrete, neoclassic traits, topped with a corrugated metal planks roof, that still exhibit its hammer floor plan intact, with a garden behind and in the short front patio, 0.07 miles E. NRHP-eligible (18.079658, -66.356686).
10. Teatro Hollywood. Concrete and metal roof theater within Art Decó traits, renovated in 2012, 0.09 miles N. NRHP-eligible (18.080857, -66.357448).
11. Coamo Town Hall. Concrete two stories Spanish Revival style building, design by Manuel Domenech, circa 1923, 0.09 miles NE. NRHP-eligible (18.080663, -66.356956)
12. House in José Quintón Street # 23. Late nineteenth century house with Spanish neoclassic elements, 0.10 miles NE. NRHP-eligible (18.080122, -66.356251)
13. La Casa Blanca. A vernacular house with neoclassic elements, with a masonry footing, walls made with tongue and groove boards, and corrugated metal planks roof. Designed by Raymundo Camprubí in 1865, 0.11 miles NE. Included in the NRHP in 1992, # 92000379. (18.080103, -66.356047).
14. San Blas de Illescas Parish. It is one of the oldest churches in Puerto Rico, probably built in late seventeenth century, renovated along the next centuries, but holds some of its original baroque elements, 0.11 miles NE. The architect is unknown. Listed in the NRHP # 84000463. (18.080747, -66.356378)
15. First Baptist Church. Built, built circa 1902 with several renovations, within a neogothic style, 0.10 miles NW. NRHP-eligible, 0.12 miles SE. (18.079965, -66.359140).
16. House in Willie Rosario Street #36. It is a vernacular early twentieth century built on a masonry footing, walls are made with tongue and groove boards, and it is topped with a wood and corrugated metal planks hip roof, 0.13 miles S. NRHP-Eligible (18.077625, -66.358097).
17. La Gota Restaurant. Vernacular late nineteenth century house with masonry footing, tongue and groove wood walls and hip roof made with corrugated metal planks, recently restored, 0.13 miles E. NRHP-eligible. (18.080093, -66.355684).

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>	
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18. Zayas Gas Service Station. One floor concrete building gas station within and art deco style, 0.14 miles NE. NRHP-eligible (18.080338, -66.355751).
19. Comercial de Jesús. Eligible commercial building with neoclassic traits, built in masonry circa 1900, 0.14 Miles N. NRHP-eligible (18.081619, -66.357871).
20. Municipal and catholic cemetery. Built circa mid nineteenth century. The cemetery kept pantheons from the 1870 made from bricks and other late nineteenth century tombs, 0.20 miles S. NRHP-eligible. (18.076711, -66.358846).

The property is located within the Coamo Historic Zone, designated by the Planning Board in 1995, and it's within the Traditional Urban Center Boundaries. At the time of this designation, the area had more than fifty properties that were considered eligible for the NRHP (Illustration 4). The adjacent properties to the south and north of the APE are contributing and probably individually eligible commercial structures made of brick, traditional masonry, and concrete. The properties to the west to which the subject property faces are a mix of modern concrete structures of one and two floors. The two vernacular late nineteenth or early twentieth century buildings located to the southwest across the street are notable and likewise, they are individually eligible. (See Illustration 4).



VALORACION DE PROPIEDADES ELEGIBLES

Illustration 4. Puerto Rico Planning Board designated Coamo’s Historic Zone and Traditional Urban Center, showing in red the Area of Potential Effect.

According to historic aerial photographs, the property where the PVS and BSS will be installed was probably built over the footprint of a previous house. We have no data indicating what the preceding building looked like. In the other hand, because of its architectural characteristics, the subject property is considered a contributing property. Nevertheless, because of its age and modern construction technology, it does not meet NRHP criteria for being individually included. It does not comply with criteria A or B, as it is not associated with any event or person. Nor does it meet Criterion C, as it does not embody any distinctive characteristics,

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represent an important institution in the town's history, or have been designed by a master architect. It neither yields important information beyond representing a recurring phenomenon in urban centers: the demolition of traditional architecture to be replaced by modern buildings, though its design blend adequately with the visual area of potential effect.

**Determination**

The following historic properties have been identified within the APE:

- Direct Effect:

No historic properties are present within the Direct APE"; or

- Indirect Effect:

The PVS/BSS will not be visible from the street state that here.

Based on the results of our historic property identification efforts, the Program has determined that project actions will have no adverse effect on historic properties that compose the Area of Potential Effect nor the Indirect Area of Potential Effect.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ENERGY POWER RELIABILITY AND RESILIENCE/DDEC ENERGY SUPPORT PROGRAM (ESP)</b> <b>Section 106 NHPA Effect Determination – Historic Property Architectural Form</b>	 <small>DEPARTMENT OF</small> <b>HOUSING</b> <small>GOVERNMENT OF PUERTO RICO</small>
<b>Case ID:</b> PR-ESP-00191	
<b>City:</b> Coamo	

**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
  - Conditioned to systems not visible or minimally visible from street.
- Adverse Effect
  - Proposed Resolution (if applicable)

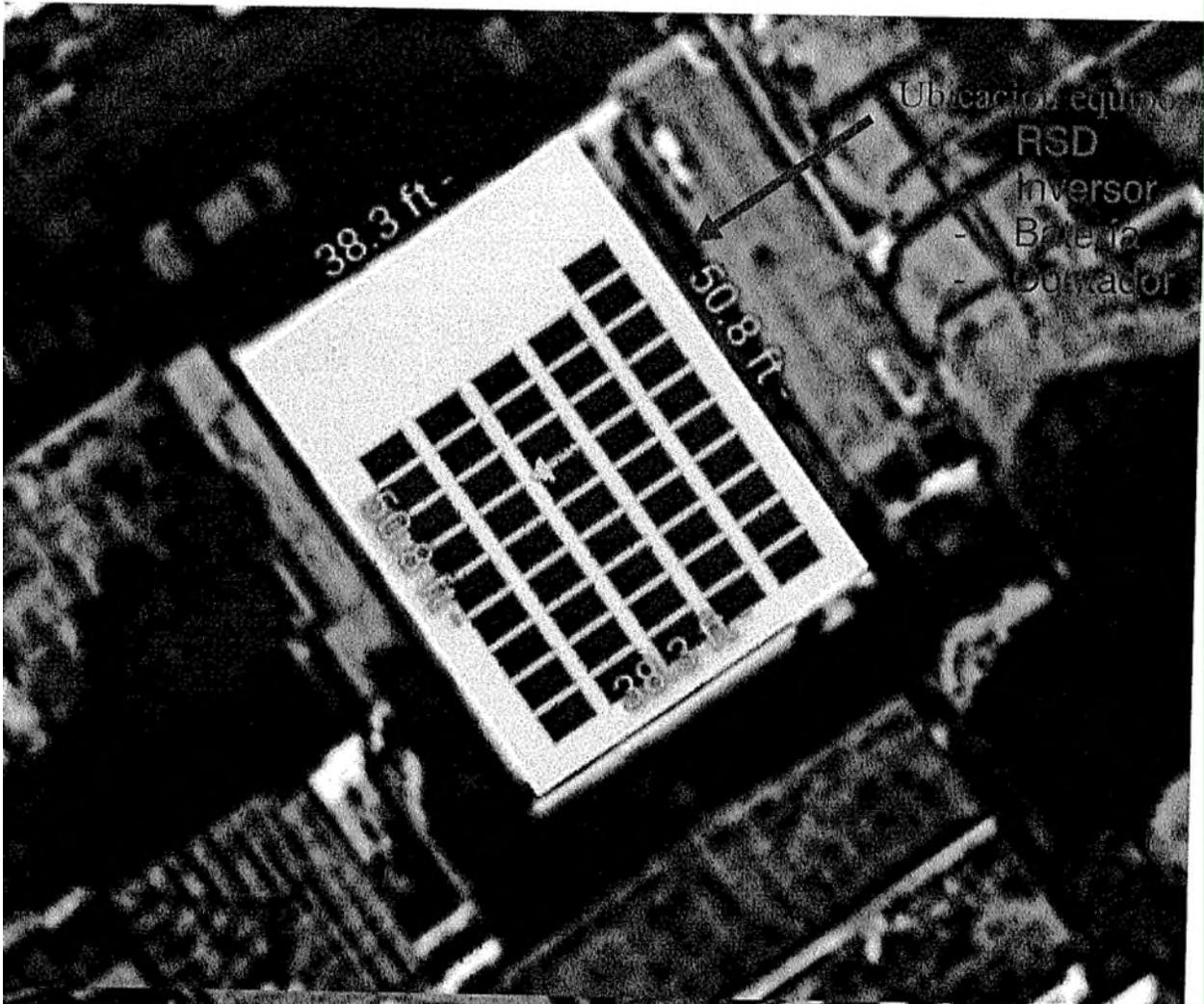
**This Section is to be Completed by SHPO Staff Only**

The Puerto Rico State Historic Preservation Office has reviewed the above information and: <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Concurs</b> with the information provided.</li> <li><input type="checkbox"/> <b>Does not concur</b> with the information provided.</li> </ul>	
<b>Comments:</b>	
Carlos Rubio-Cancela State Historic Preservation Officer	<b>Date:</b>

Case ID: PR-ESP-00191

City: Coamo

**PROPOSED INSTALLATION LOCATION ON THE SUBJECT PROPERTY**



Case ID: PR-ESP-00191

City: Coamo

**Project (Parcel) Location – Area of Potential Effect Map (Aerial)**

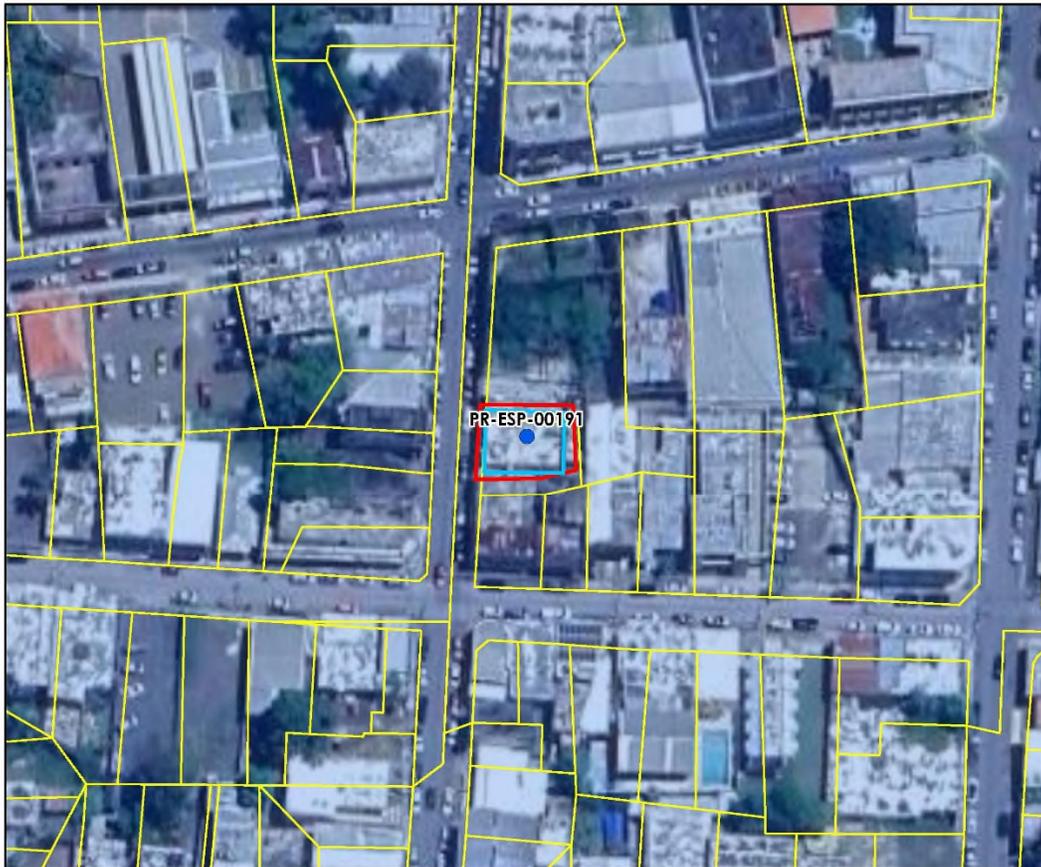
**BYA** BEHAR-YBARRA AND ASSOCIATES LLC  
 ENGINEERING ENVIRONMENTAL ARCHITECTURE PLANNING  
 354 Calle Perseus, Suite 203, San Juan, P.R. 00920 Tel: (787) 763-0290

Application ID: PR-ESP-00191

**Project (PR-CEWRI-00191) Location:  
 Area of Potential Effect Map**

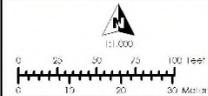
Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744

Electrical Power Reliability and Resilience Program (ER2)



**Legend:**

- PR-ESP-00191
- Area of Potential Effect
- CRIM-Parcel
- CRIM Parcels
- Traditional Urban Centers - TUC



Service Layer Credits:  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 Centro de Recaudación de Ingresos Municipales (CRIM)  
<https://catastro.crimpr.net/cadppc/>

Case ID: PR-ESP-00191

City: Coamo

**Project (Parcel) Location - Aerial Map**

**BYA** BEHAR-YBARRA AND ASSOCIATES LLC  
INGENIEROS ARQUITECTOS Y AGENTES INMOBILIARIOS  
534 Calle Perales, Suite 10-B, San Juan, P.R. 00902 Tel: (787) 763-0290

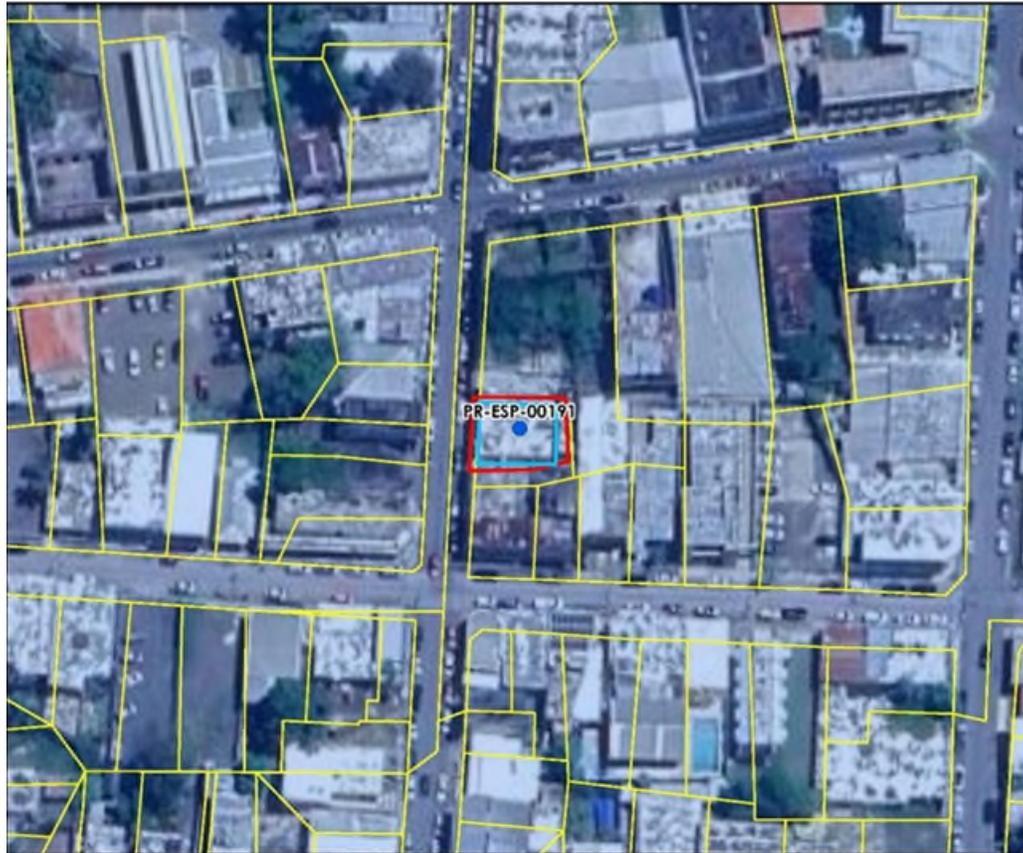
Application ID: PR-ESP-00191

**Project (PR-CEWRI-00191) Location:**  
**Aerial Map**

Pao's Pharmacy Inc.  
 Calle Wille Rosario 2,  
 Coamo PR 00769

Electrical Power Reliability and Resilience Program (ER2)

Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Area of Potential Effect
- CRIM-Parcel
- CRIM Parcels
- Traditional Urban Centers - TUC



Service Layer Credits:  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source:  
 Centro de Recaudación de Ingresos Municipales (CRIM)  
<https://catastro.crimpr.net/cadprpc/>

Case ID: PR-ESP-00191

City: Coamo

**Project (Parcel) Location - USGS Topographic Map**

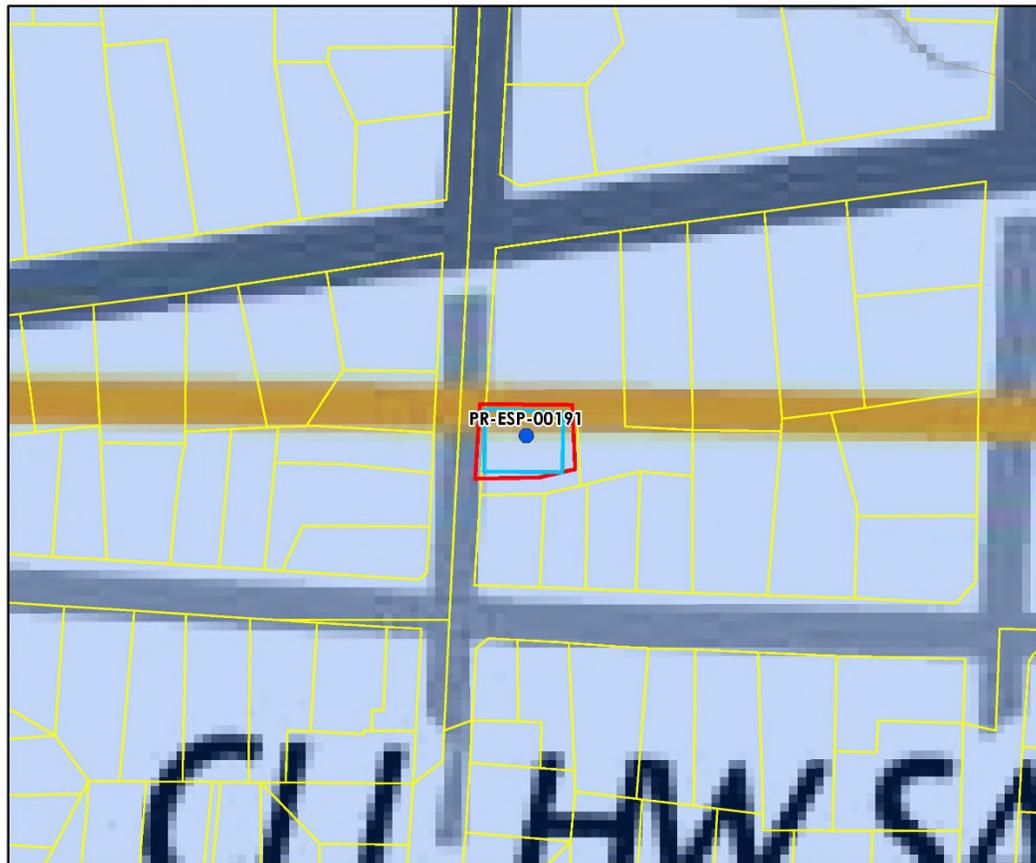
**BYA** BEHAR-YBARRA AND ASSOCIATES LLC  
ENGINEERING ENVIRONMENTAL ARCHITECTURE PLANNING  
 554 Calle Perseo, Suite 2-3, San Juan, P.R. 00920 Tel: (787) 783-0290

Application ID: PR-ESP-00191

**Project (PR-CEWRI-00191) Location:  
 Aerial Map**

Electrical Power Reliability and Resilience Program (ER2)

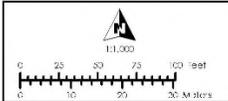
Pao's Pharmacy Inc.  
 Calle Willie Rosario 2,  
 Coamo PR 00769  
 Catastro: 345-033-045-14-001  
 Lat: 18.079597, Lon: -66.357744



**Legend:**

- PR-ESP-00191
- Area of Potential Effect
- CRIM-Parcel
- CRIM Parcels
- Contour Interval 20 Feet
- Traditional Urban Centers - TUC

**Quadrangle: Coamo**



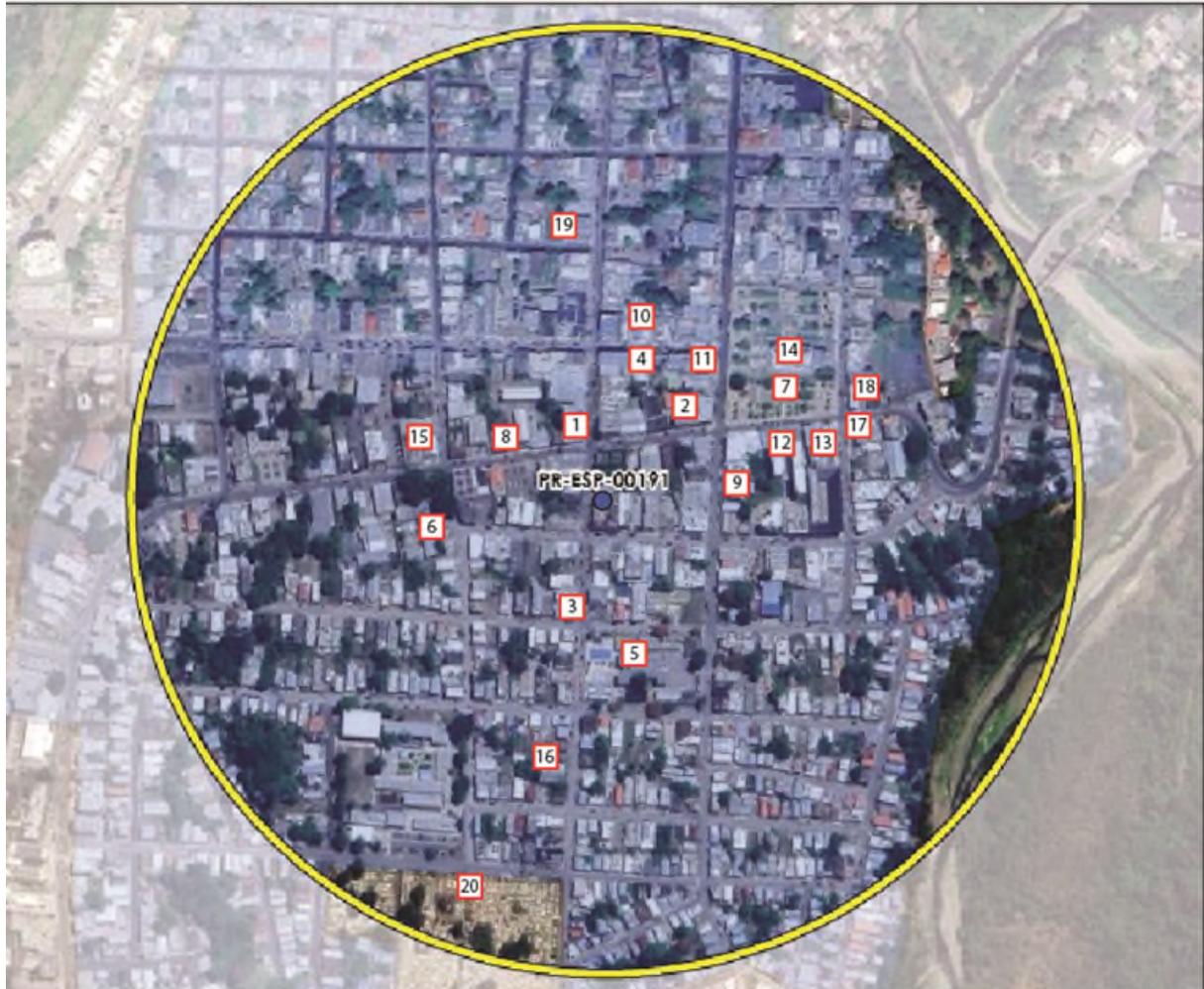
Service Layer Credits: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth

Source:  
 United States Geological Survey (USGS)  
 National Geologic Map Database  
<https://ngmdb.usgs.gov/ngmdb/home.html>

Case ID: PR-ESP-00191

City: Coamo

**Project (Parcel) Location with Recorded Historic Properties - Aerial Map**

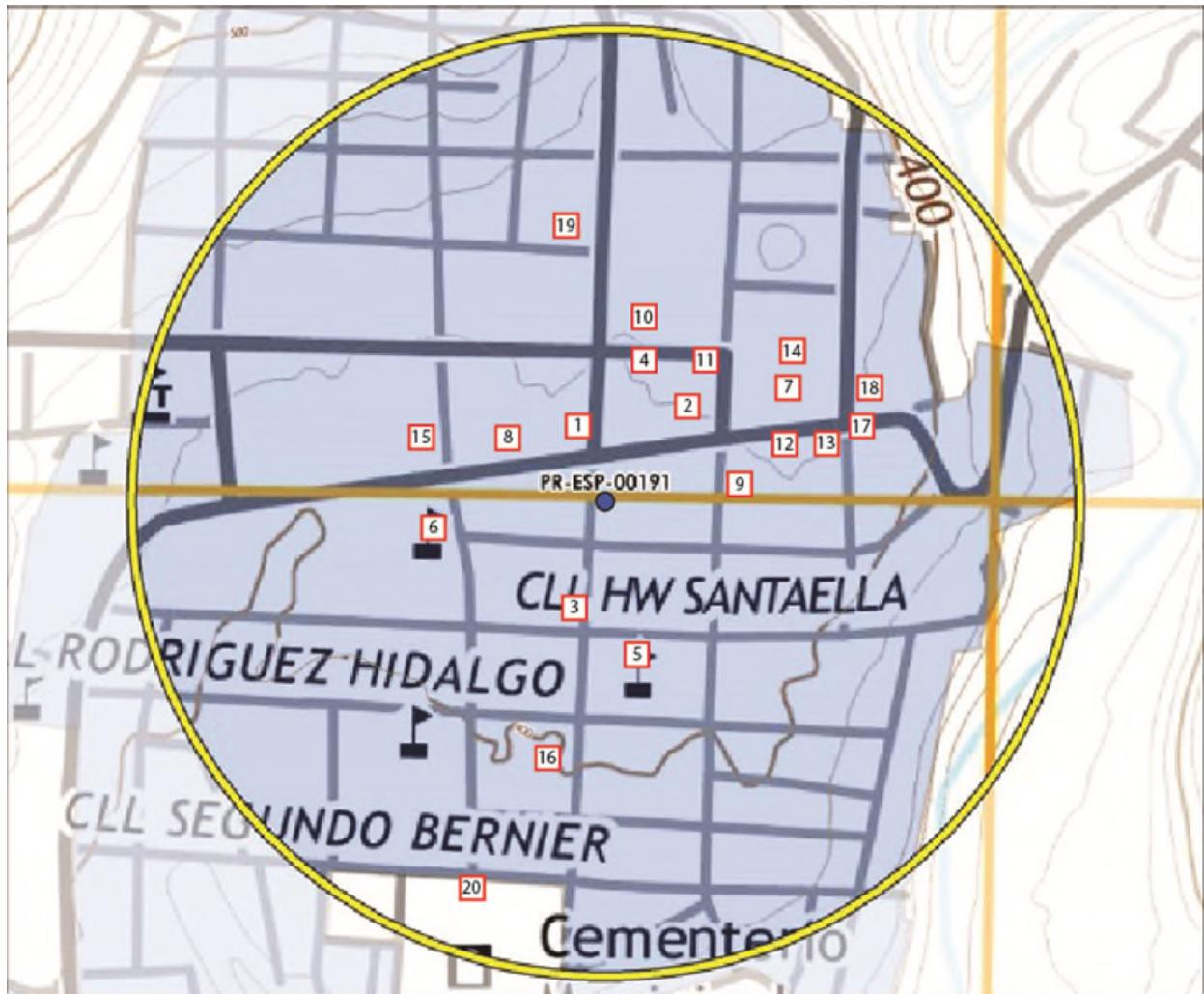


**(See list on pages 6-8)**

Case ID: PR-ESP-00191

City: Coamo

**Project (Parcel) Location with Recorded Historic Properties - USGS Topographic Map**



**(See list on pages 6-8)**

Case ID: PR-ESP-00191

City: Coamo



Photo #: 001

Description (include direction): Front Elevation looking East

Date: 3/13/2025



Photo #: 002

Description (include direction): Left elevation looking East

Date: 3/13/2025

Case ID: PR-ESP-00191

City: Coamo



Photo #: 003

Description (include direction): Right elevation looking East

Date: 3/13/2025



Photo #: 004

Description (include direction): Rear elevation looking North

Date: 3/13/2025

Case ID: PR-ESP-00191

City: Coamo



Photo #: 005

Description (include direction): Streetscape view looking North

Date: 3/13/2025



Photo #: 006

Description (include direction): Streetscape view looking South

Date: 3/13/2025