



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

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Washington, DC 20410  
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## **Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5**

**Pursuant to 24 CFR 58.35(a)**

### **Project Information**

**Project Name:** PR-ESP-00139 Laboratorio Clínico Griselle, Inc

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

**Grant Recipient** (if different than Responsible Entity): Department of Economic Development and Commerce (DEDC)

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

**Preparer:** Patricia Carmenatty, Environmental Specialist

Behar Ybarra & Associates LLC

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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

Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance Division

Maria T. Torres-Bregón - Permits and Environmental Compliance Manager

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:** 1 D2 Villa Maria, Manatí PR, 00674

Coordinates: 18.430947, -66.489996

Parcel cadastral: 056-012-139-02-001

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

The subject property is a commercial building located in Manati, PR serving as a clinical laboratory. The project is located at 1 D2 Villa Maria, Manatí PR, 00674, Latitude: 18.430947, Longitude: -66.489996. A Site Map is included in Figure 1 in Appendix 1, illustrating the location of the building. The area is characterized by being commercial/ residential. The Clinical Laboratory is adjacent to PR-2 to the northwest, surrounded by multiple small businesses and residences. On the east boundary is the Villa Maria Shopping Center.

A field visit was conducted on March 3, 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 and appurtenant storage system (batteries) on the existing commercial building's roof, with all improvements limited to the roof, floors, and walls of the existing structure. The batteries will be installed inside of the building. The proposed system includes 60 solar panels (450 W) and nine batteries, 36 kW 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:** \$50,000.00

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$95,000.00

**Privately funded by the applicant:** \$45,000.00

## **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 133,261 feet from the nearest civil airport, Fernando Ribas Dominicci in San Juan and 164,371 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 13,018 feet southwest of the nearest Coastal Barrier Resource System, PR-83. 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 72000C0290J, effective November 18, 2009, 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 an attainment municipality. This project includes the installation of a photovoltaic (solar) panel system and appurtenant storage system (batteries) on the existing commercial building's roof located in the Municipio of Manatí. 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 58,149 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 8,494 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 and appurtenant storage system (batteries) on the existing commercial building's roof. The project site was evaluated for potential contamination by conducting a field inspection on March 3, 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 18 sites within 3,000 feet of the project area. Fifteen sites are RCRA facilities with no violations identified. One is registered as NPDES and two are registered as TRIS facilities. However, the sites do not present a risk to the health and safety of project occupants or conflict with the intended use of the property.</p> <ul style="list-style-type: none"> <li>• INYX USA LTD - PR-604 San Jose Cotto Norte Industrial Park - FRS (Facility Registry Service) ID: 110007807374 – RCRAINFO and TRIS - No violation identified – 1,802 feet.</li> <li>• COMPU AUTO - RD2 KM 49.8 - FRS (Facility Registry Service) ID:</li> </ul>

		<p>110007814972 – RCRAINFO - No violation identified – 583 feet.</p> <ul style="list-style-type: none"> <li>• WESTERN AUTO - Villa Maria Shopping Center - FRS (Facility Registry Service) ID: 110007814339 – RCRAINFO - No violation identified – 325 feet.</li> <li>• FARMACIA EL AMAL #30- Villa Maria Shopping Center - FRS (Facility Registry Service) ID: 110007823276 – RCRAINFO - No violation identified – 325 feet.</li> <li>• DEPT OF ED - IMMACULADA CONCEPCION - HWY 2 KM 50- FRS (Facility Registry Service) ID: 110007811010 – RCRAINFO - No violation identified – 141 feet.</li> <li>• CLEAN HARBORS CARIBE INC - KM 51.0 HWY 2- FRS (Facility Registry Service) ID: 110064017479 – RCRAINFO - No violation identified – 1,181 feet.</li> <li>• NORTHWEST PATHOLOGY SERVICES - 220 Rd 2 Torre Medica I Ste 316 - FRS (Facility Registry Service) ID: 110070124248 – RCRAINFO - No violation identified – 1,181 feet.</li> <li>• 60 MINUTES CLEANERS - Elliot Velez St J27 Urb Atenas- FRS (Facility Registry Service) ID: 110006433403 – RCRAINFO - No violation identified – 2,110 feet.</li> <li>• MANATI MEDICAL CENTER - DR OTERO LOPEZ - 668 Calle Hernandez Carrion - FRS (Facility Registry Service) ID: 110007812947 – RCRAINFO - No violation identified – 2,417 feet.</li> <li>• SHELL CO PR LTD SS 0990 - 62 CELIS AGUILERA ST - 62 CELIS AGUILERA - ST- FRS (Facility Registry Service) ID: 110004892732 – RCRAINFO - No violation identified – 1,682 feet.</li> </ul>
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		<ul style="list-style-type: none"> <li>• ESCUELA JOSE S QUINONES - AVE ROSA - ST- FRS (Facility Registry Service) ID: 110007812135 – RCRAINFO - No violation identified – 1,955 feet.</li> <li>• G H BASS CARIBBEAN INCORPORATED - PR-2 KM 49.3 - ST- FRS (Facility Registry Service) ID: 110000747540 – RCRAINFO and TRIS - No violation identified – 2,717 feet.</li> <li>• MANATI - 10 Calle Quinonez - FRS (Facility Registry Service) ID: 110054103153 – NPDES – Permit status: expired– 1,650 feet.</li> <li>• SHELL CO PR LTD SS 804363 MANATI - PR-2 Km 50.2 - FRS (Facility Registry Service) ID: 110007818086 – RCRAINFO - No violation identified – 781 feet.</li> <li>• MANATI STP - STATE RD 2 KM 50.2 - FRS (Facility Registry Service) ID: 110007804359 – RCRAINFO - No violation identified – 781 feet.</li> </ul> <p>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 circa 1960; 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> </ul>
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		<ul style="list-style-type: none"> <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>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.</p> <p>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.</p> <p>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.</p> <p>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</p>
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	<p>permit. Nor will a building permit be required for systems up to one hundred kilowatts above ground”.</p> <p>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.</p> <p>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.</p> <p>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</p>
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		<p>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).</p> <p>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 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 with conditions to LBP potential hazards.</p>
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		<p>See Appendix 5 including the ECHO Reports for the sites of environmental concern identified within 3,000 feet near the proposed project area.</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>) and Palo De Rosa (<i>Ottoschulzia rhodoxylon</i>) could be found in the project area. The scope of work includes the installation of a photovoltaic (solar) panel system and appurtenant storage system (batteries) on the existing commercial building's roof. Since the work to be carried out is limited to the roof 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 3, 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 Palo De Rosa (<i>Ottoschulzia rhodoxylon</i>) was not addressed in the Dkey responses but based on the Field visit carried out on March 3, 2025, the Palo de Rosa was not observed in the project site vicinity.</p> <p>Nonetheless, it was concluded that the project would have 'No Effect' determination on the species, as all proposed improvements will be limited to the roof, floors, and walls of the existing building. There will be no ground disturbance, vegetation clearing, or tree removal associated with the project, and the</p>

		<p>area is fully developed and does not contain a suitable habitat for the species. The nearest Critical Habitat is 32,689 feet from the project site. Agency consultation was submitted on April 14, 2025, and response was received on May 2, 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/design/population/156/office/41430.pdf">https://ipac.ecosphere.fws.gov/guideline/design/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</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>This project includes the installation of photovoltaic (solar) panel system and appurtenant storage system (batteries) on the existing commercial building’s roof 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</p> <p><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 an area designated 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 Manatí; therefore, PFIRM information was 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 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 type="checkbox"/>    <input checked="" 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). In response from PR SHPO dated June 17, 2025, SHPO concurred with a finding of “<b>No Historic Properties Affected</b>” within the project’s Area of Potential Effects. The property is not considered historic or contributing to an historic district (See attached Historic map, Figure 11). Therefore, this activity is in compliance with the National Historic Preservation Act.</p> <p>See attached Consultation Package Non-Historic Property Improvements NHPA in Appendix 7.</p> <p>Refer to Historic Preservation Map, Figure 11 included in Appendix 1.</p>

<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 and appurtenant storage system (batteries) on the existing commercial building's roof. 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 1,465 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>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of the NWSRS river. The project is located 247,305 feet from the nearest Wild and Scenic River (De la Mina River). The project is in compliance with the Wild and Scenic Rivers Act.</p>

		Refer to Wild and Scenic Rivers Map, Figure 15 included in Appendix 1.
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**Field Inspection:** March 3, 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
<b>Contamination and Toxic Substances</b> 24 CFR Part 50.3(i) & 58.5(i)(2)	<p>The subject property was built circa 1970; 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>

**Determination:**

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

Preparer Signature:



Date: 7/21/2025

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

Responsible Entity Agency Official Signature:

Date: \_\_\_\_\_

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

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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

Appendix Number	Appendix Description
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
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>
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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

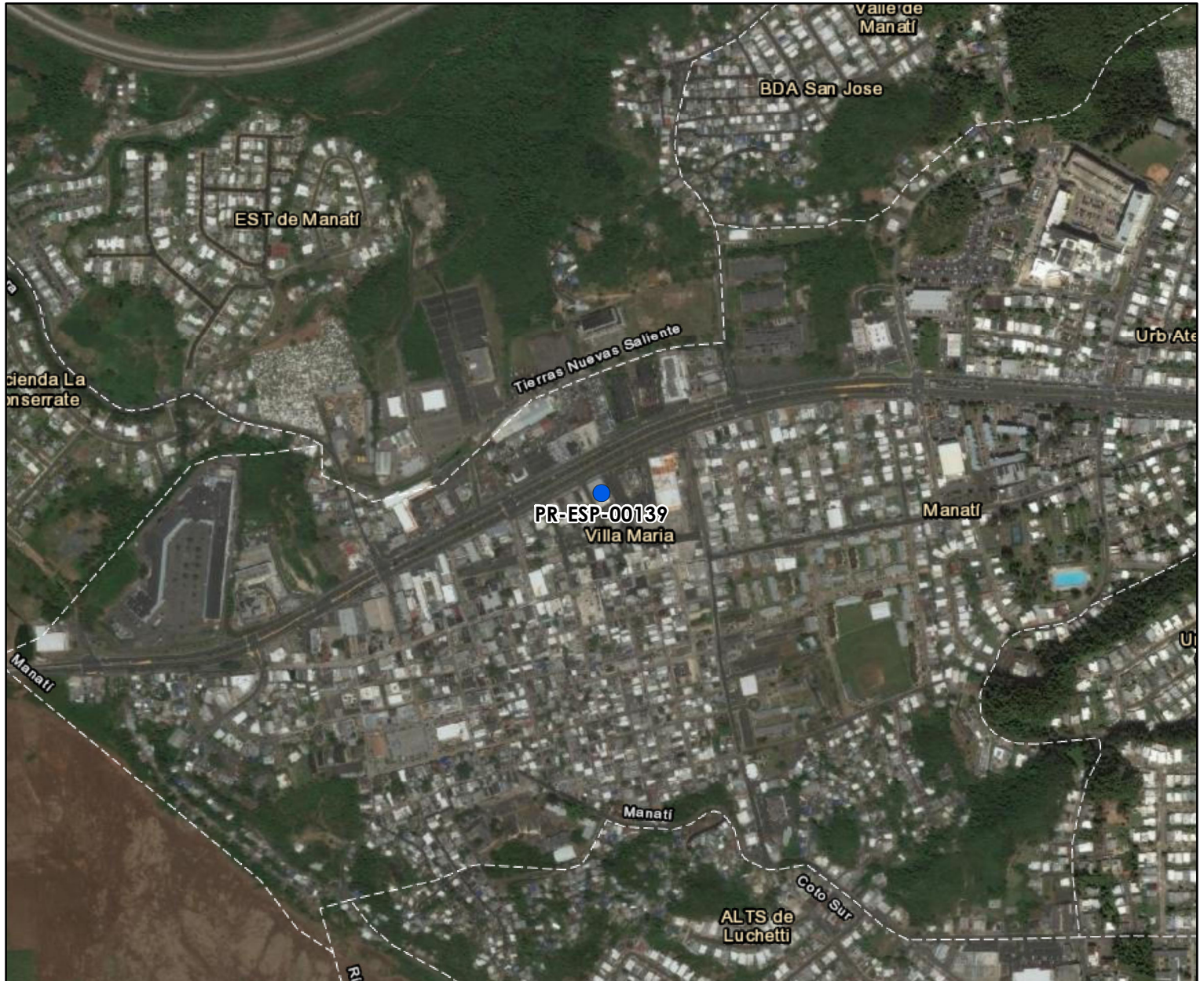


Figure 1

# Location: Aerial Map

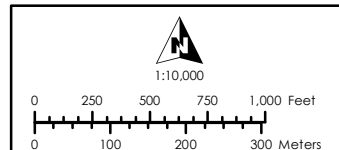
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

● PR-ESP-00139



### 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/>

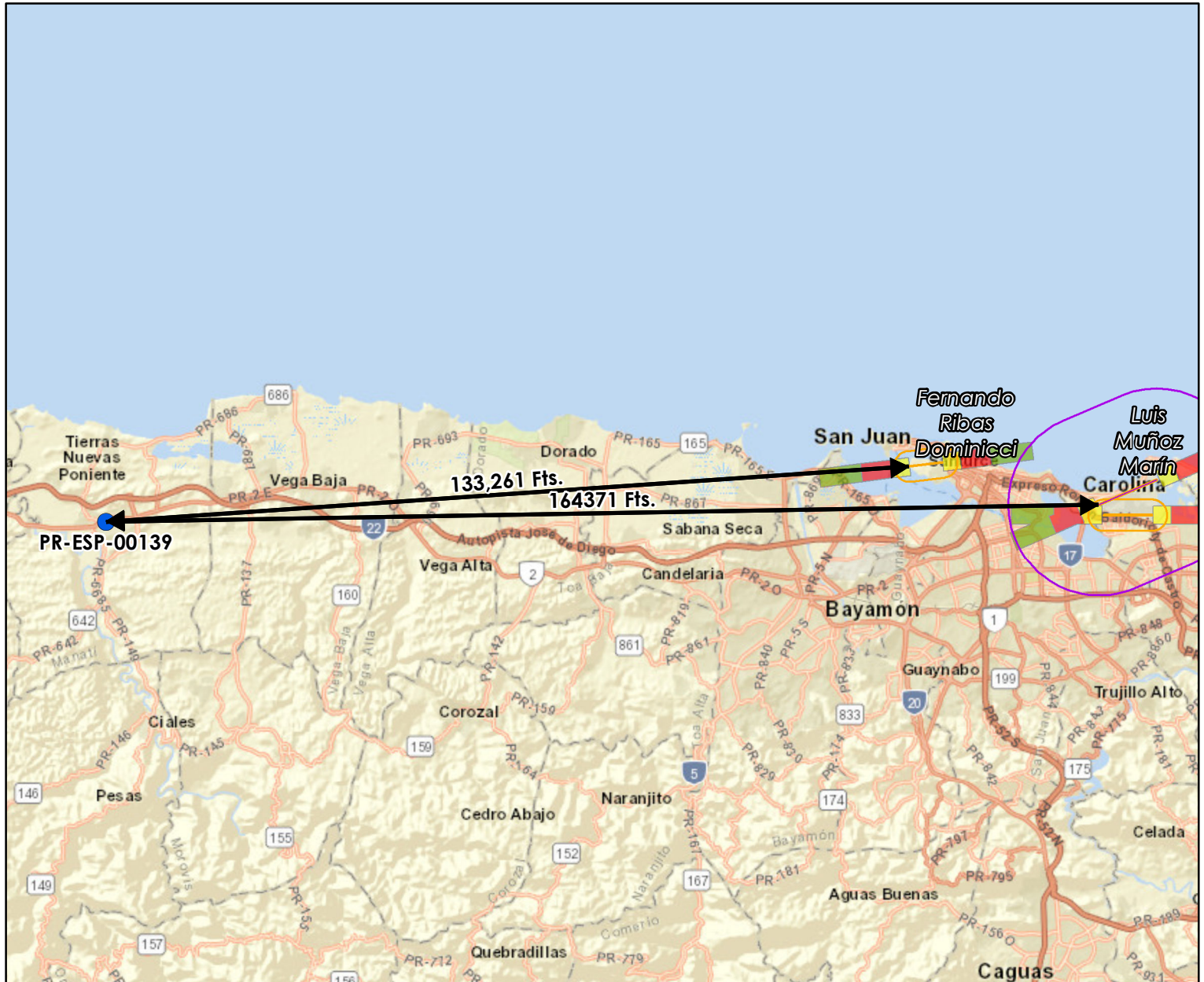


Figure 2

# Airports Map

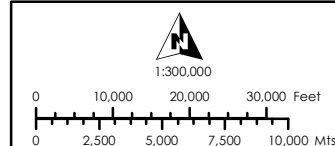
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- SJU Military Runway
- SJU Civil Runway
- 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>

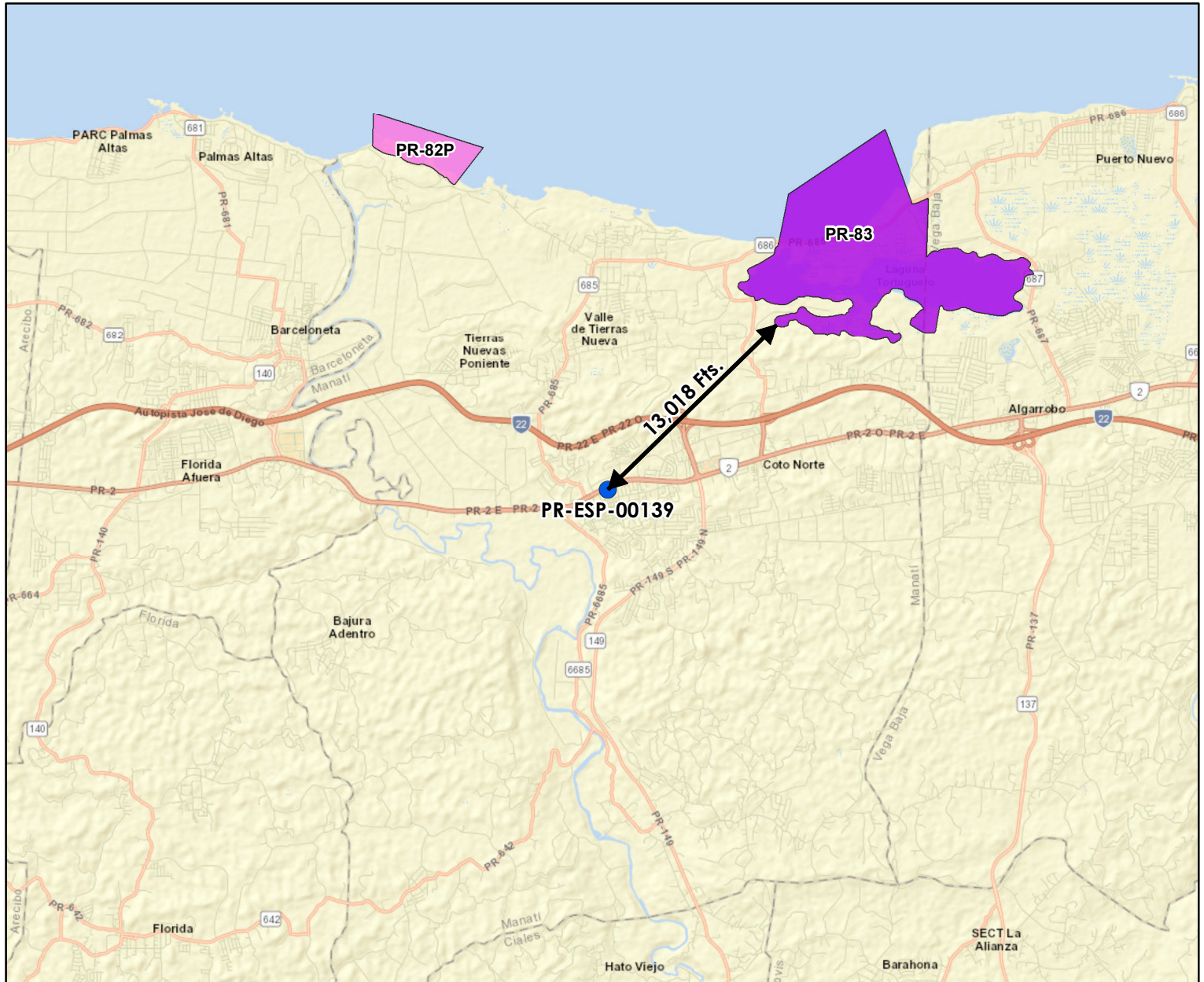


Figure 3

# Coastal Barrier Resource System Map

Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



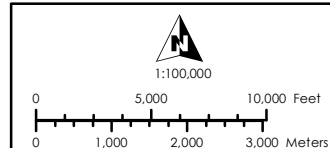
## Legend:

● PR-ESP-00139

## Coastal Barrier Resources System

Otherwise Protected Area

System Unit



### 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>

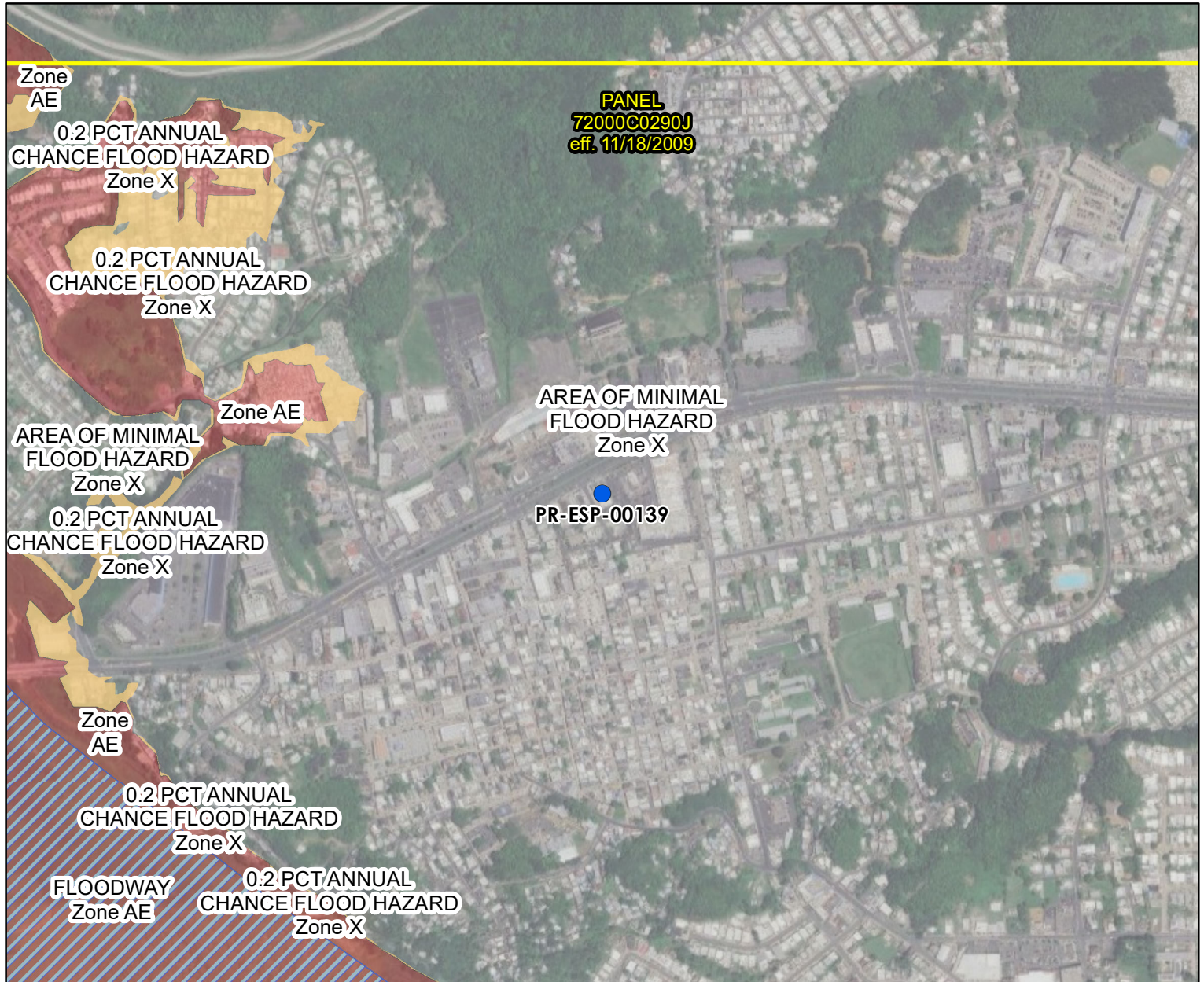


Figure 4

# Flood Insurance Rate Map

Electrical Power Reliability and Resilience Program (ER2)

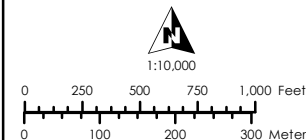
Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- 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:  
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>

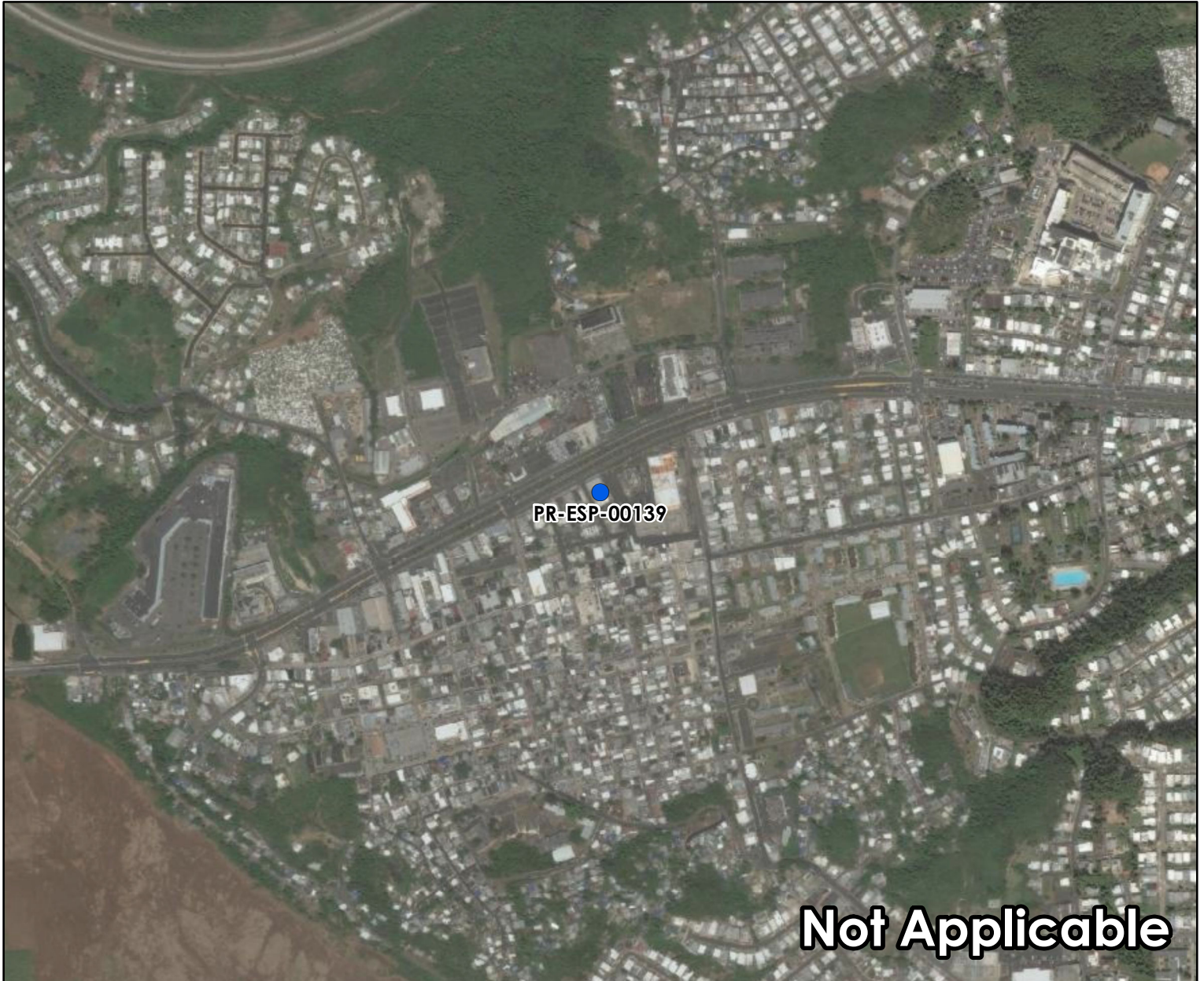


Figure 4-A













# Preliminary Flood Insurance Rate Map

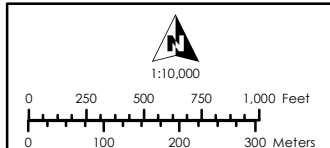
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- |  |   |
|--|---|
|  PR-ESP-00139                             |  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  |



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>

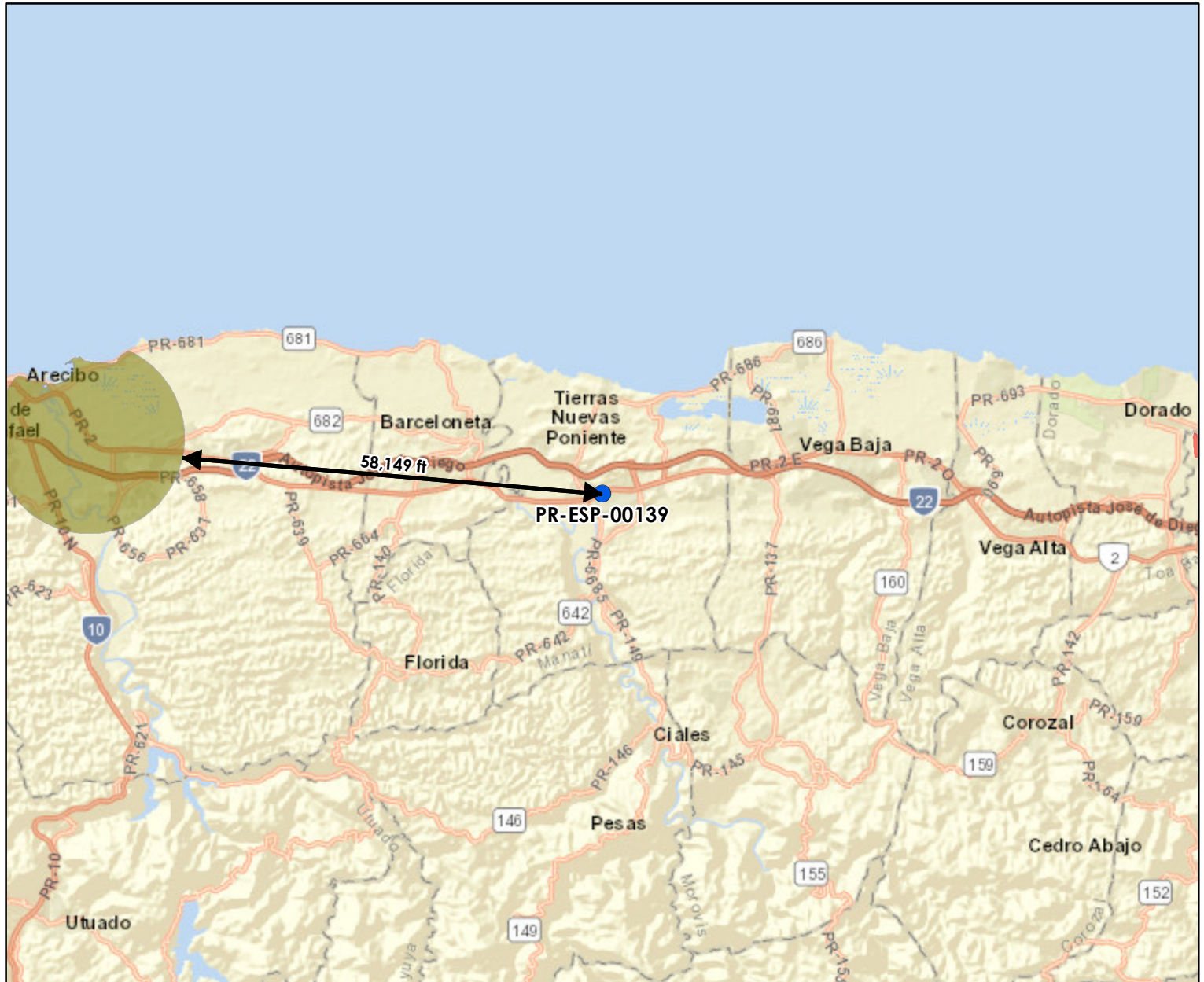


Figure 5

# Clean Air Map

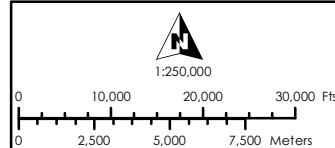
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- Clean Air Areas - SO<sub>2</sub>
- Clean Air Areas - Lead



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

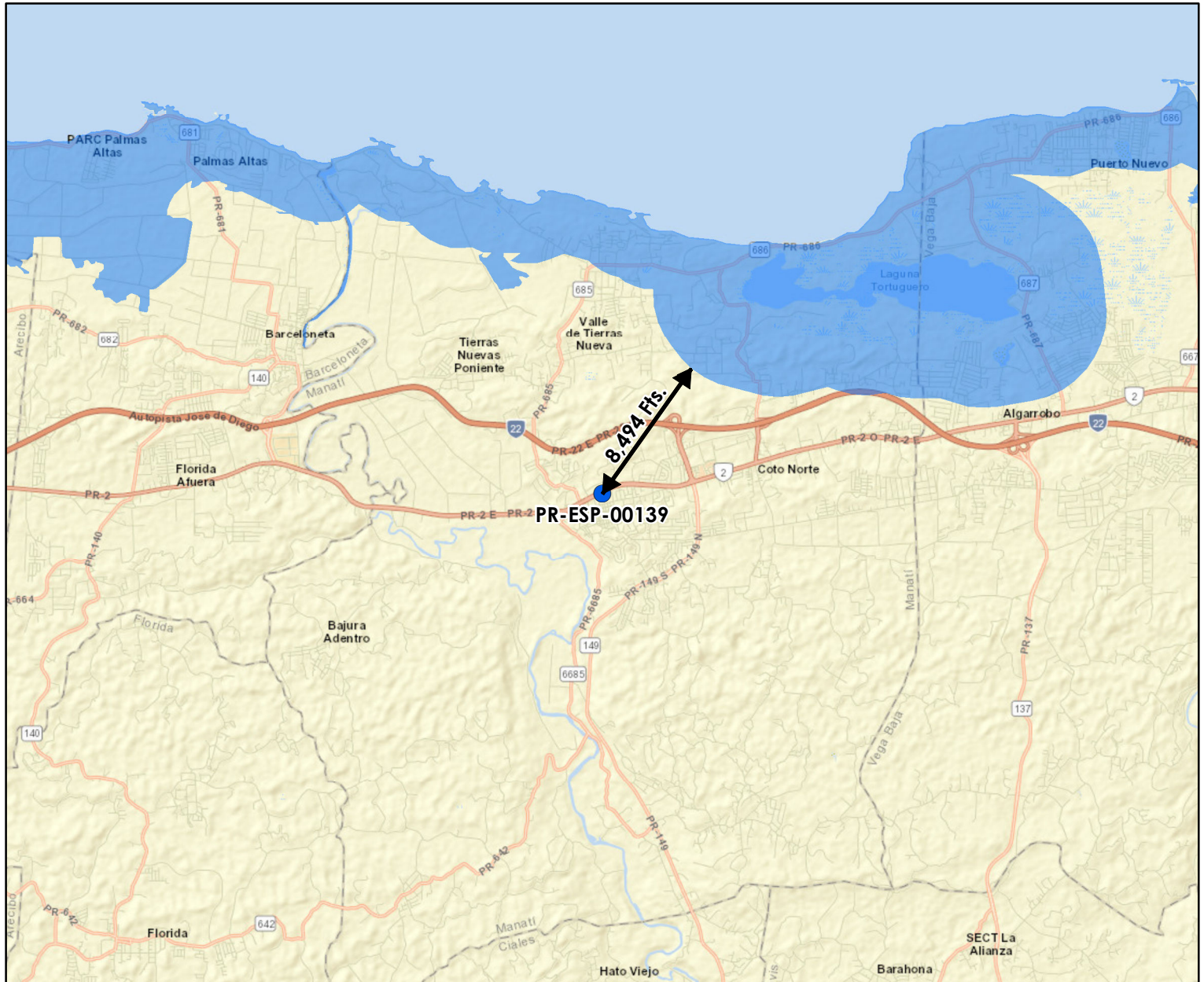
Source:  
U.S. Geological Survey (USGS)  
<https://pubs.er.usgs.gov>

Figure 6

# Coastal Zone Management Map

Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



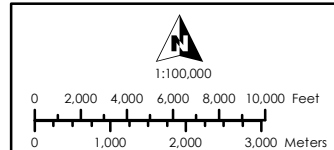
## Legend:



PR-ESP-00139



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

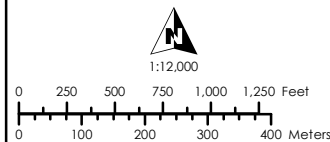
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
 1 D2 Villa María,  
 Manatí PR 00674  
 Catastro: 056-012-139-02-001  
 Lat: 18.430947, Lon: -66.489996



## Legend:

- |  |  |
|--|--|
| <span style="color: blue;">●</span> PR-ESP-00139                                   | <span style="color: brown;">⬠</span> NPDES - Major   |
| <span style="border: 2px solid green; padding: 2px;"> </span> Buffer (500 Fts.)    | <span style="color: yellow;">☢</span> RADINFO        |
| <span style="border: 2px solid yellow; padding: 2px;"> </span> Buffer (3,000 Fts.) | <span style="color: green;">▲</span> RCRA            |
| <span style="color: orange;">⚡</span> AIR  | <span style="color: green;">▲</span> RCRA - Active   |
| <span style="color: yellow;">⬠</span> NPDES  | <span style="color: green;">▲</span> RCRA - Inactive |
|  | <span style="color: purple;">▼</span> TRI            |



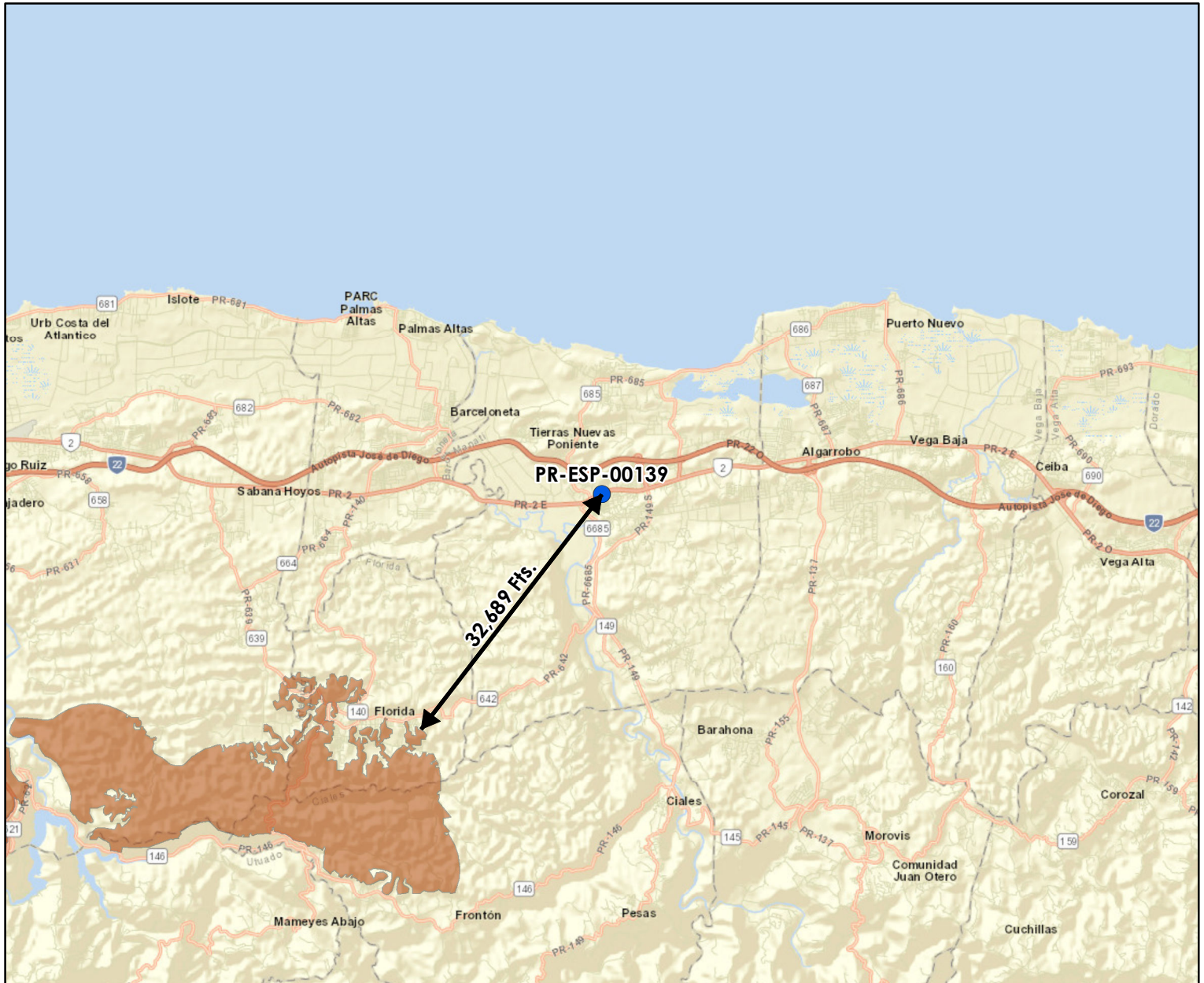
Service Layer Credits:  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

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



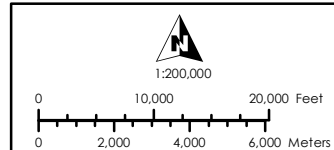
Figure 8  
**Threatened and Endangered Species Map**  
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



**Legend:**

- PR-ESP-00139
- Critical Habitat



**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)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996

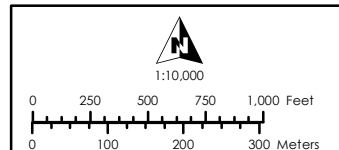


## Legend:

● PR-ESP-00139

### Farm Class

- All areas are prime farmland
- Farmland of statewide importance
- Not prime farmland
- Prime farmland if drained



### 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)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996

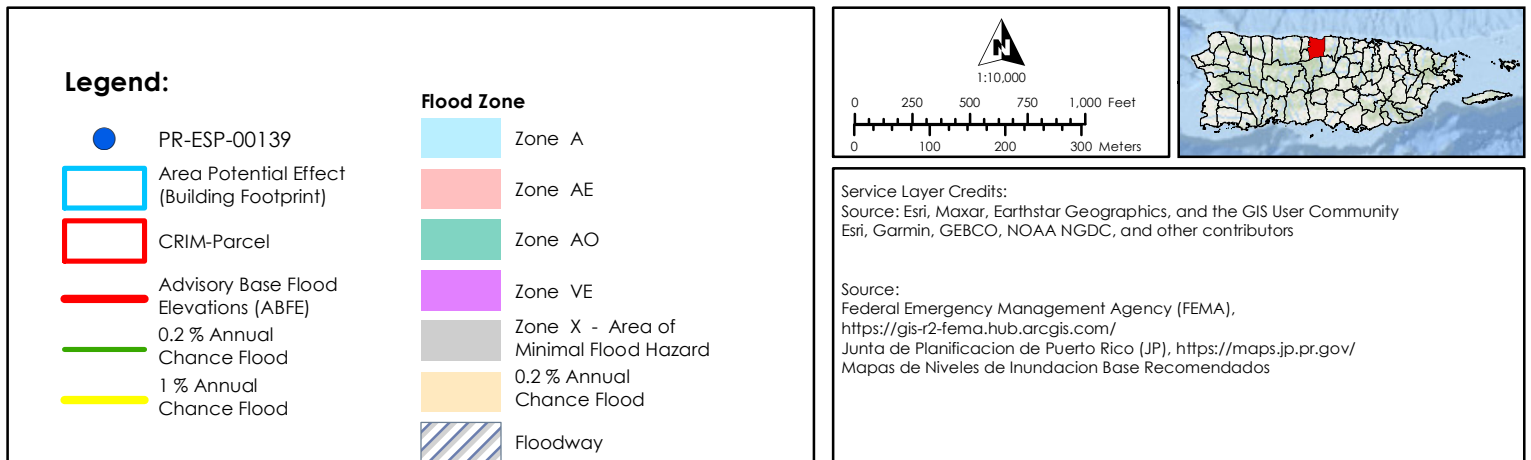
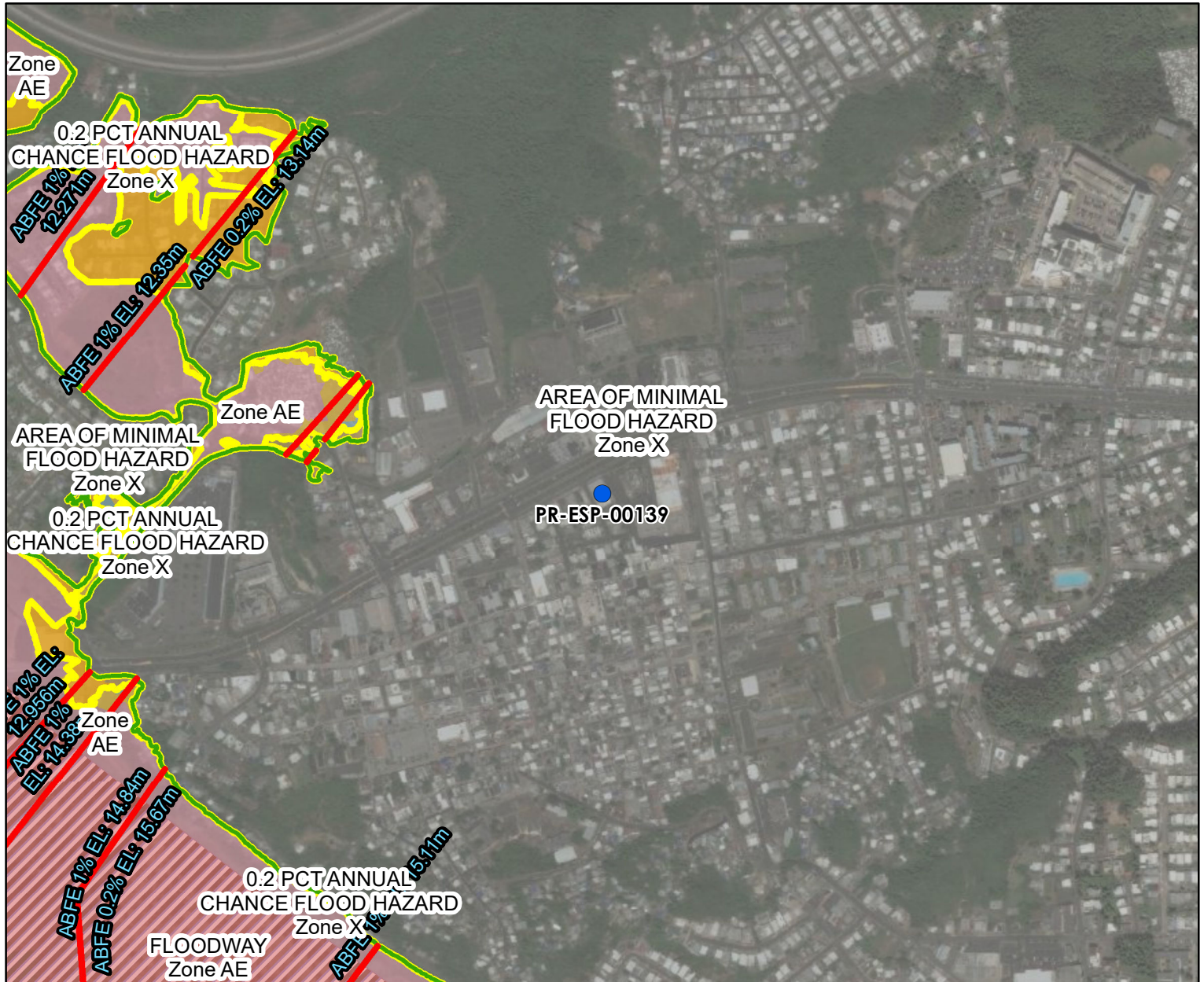


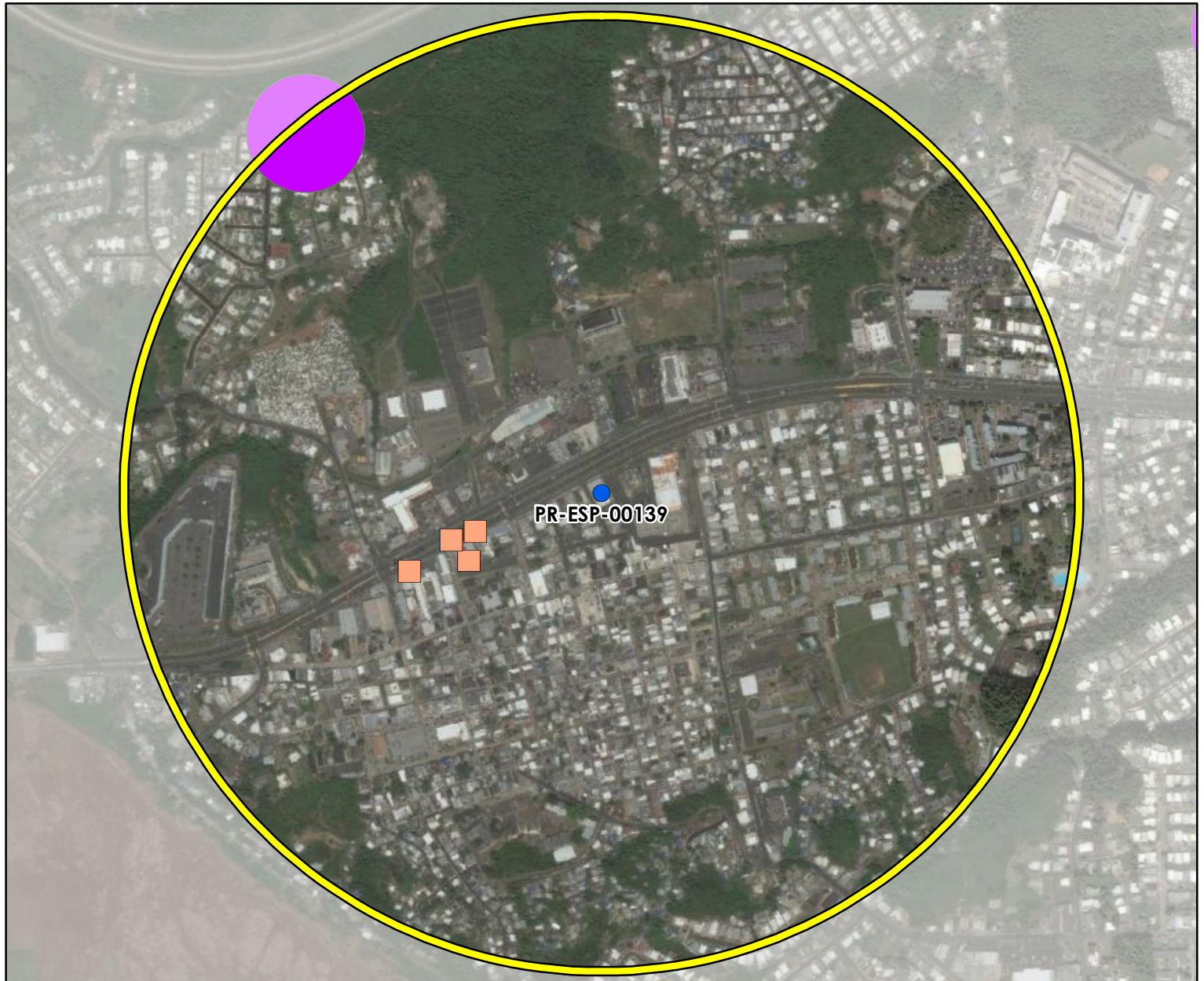


Figure 11

# Historic Preservation Map

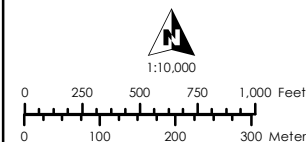
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- |  |  |
|--|--|
| <span style="color: blue;">●</span> PR-ESP-00139   | <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Historic Centers              |
| <span style="border: 2px solid yellow; display: inline-block; width: 15px; height: 15px;"></span> Buffer (0.5 Mile)                                    | <span style="background-color: green; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Cultural Resource District     |
| <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Cultural Resource Building  | <span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Sensitive Archaeological Zones  |
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Cultural Resource Structure | <span style="background-color: purple; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Archaeological Resource Zones |
| <span style="background-color: green; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Cultural Resource Object     | <span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Historic Communities       |
| <span style="background-color: purple; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Cultural Resource Site      | <span style="background-color: blue; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 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>

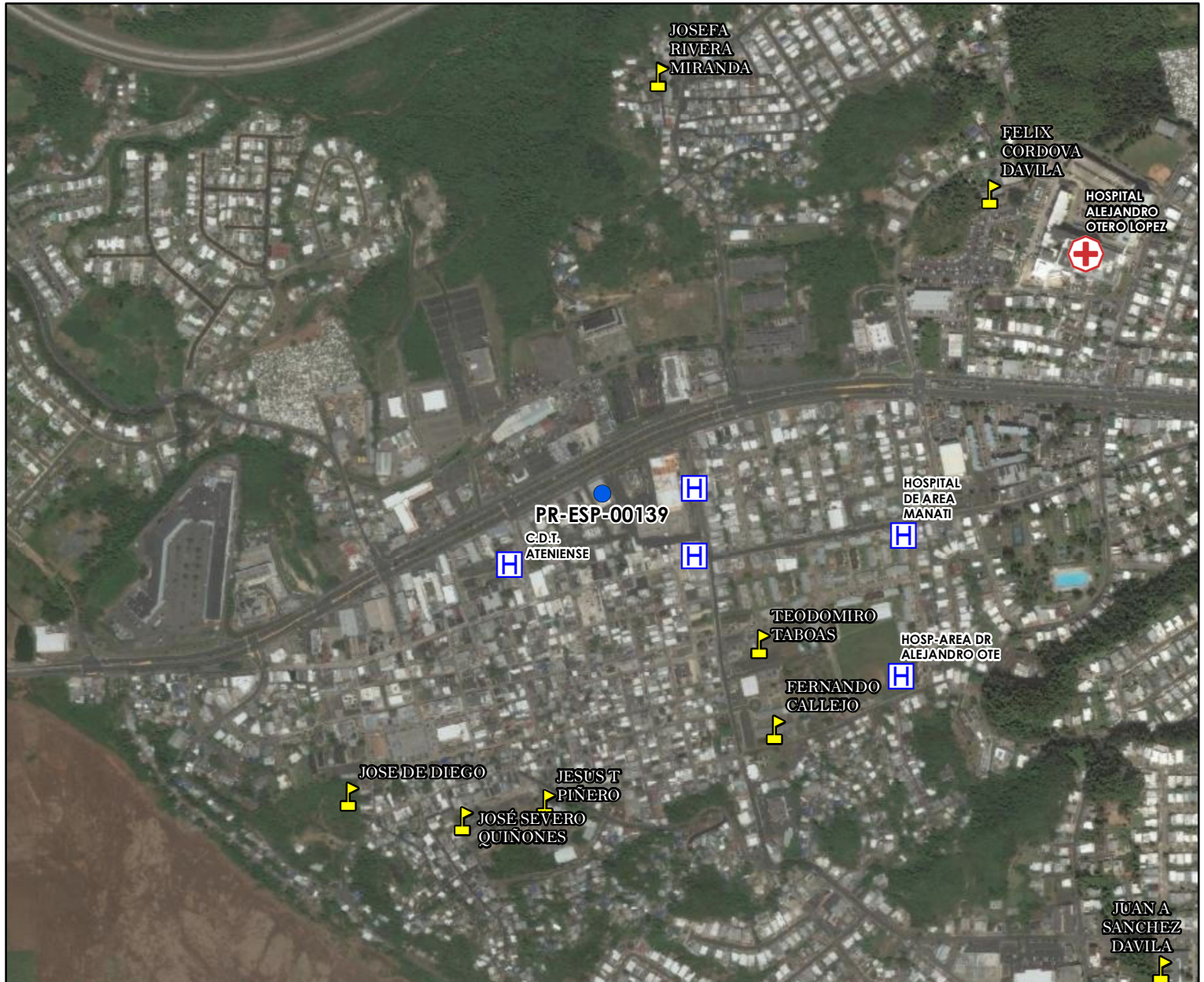


Figure 12

# Noise Abatement and Control Map

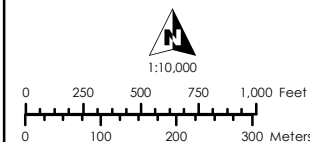
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- 🏫 University
- 🎓 School
- H 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

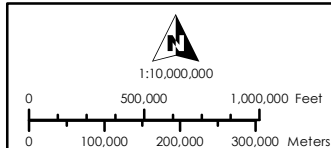
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- 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>

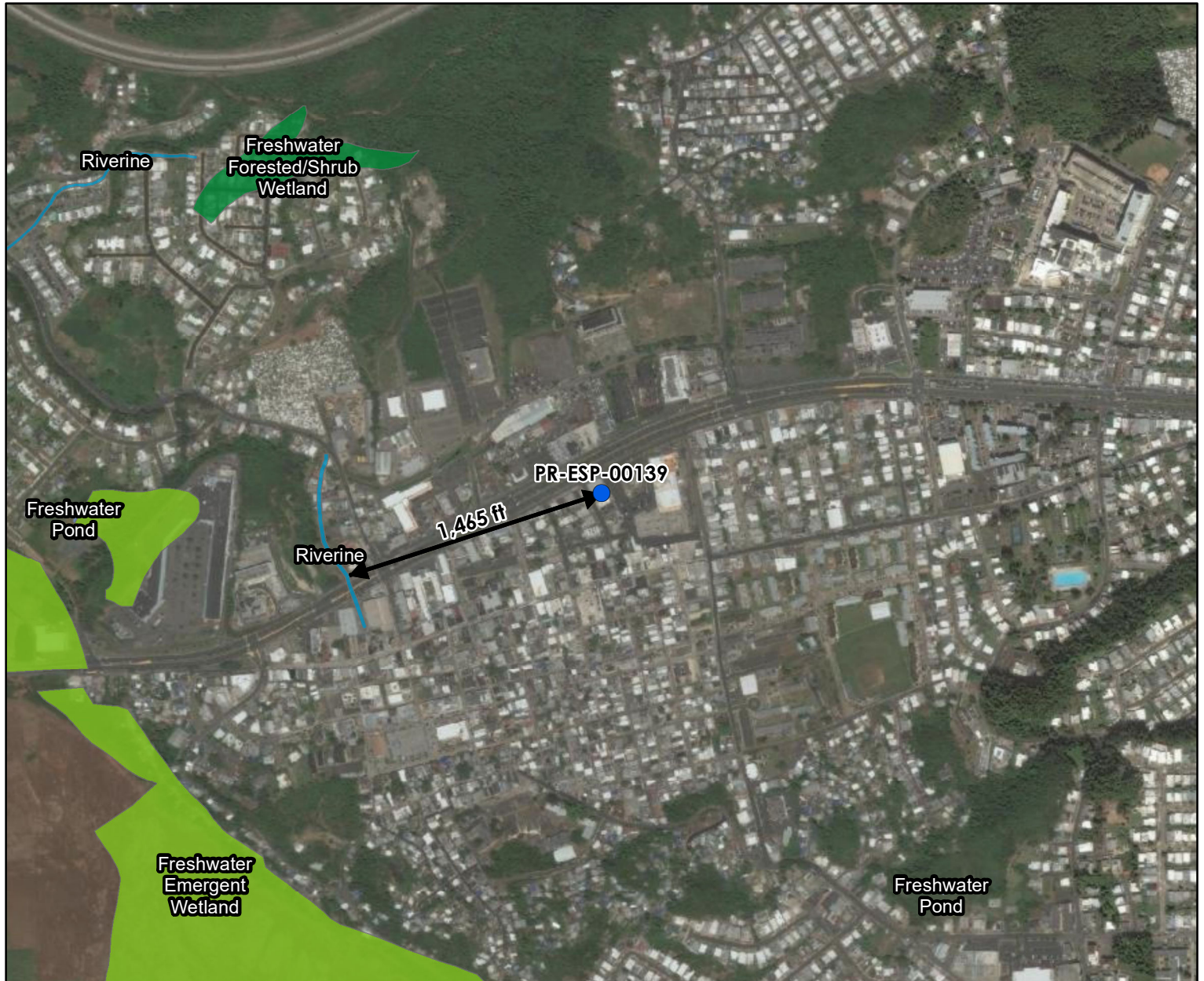


Figure 14

# Wetlands Map

Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996

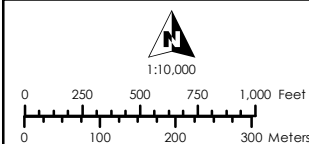


## Legend:

● PR-ESP-00139

### National Wetlands Inventory

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



### 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>

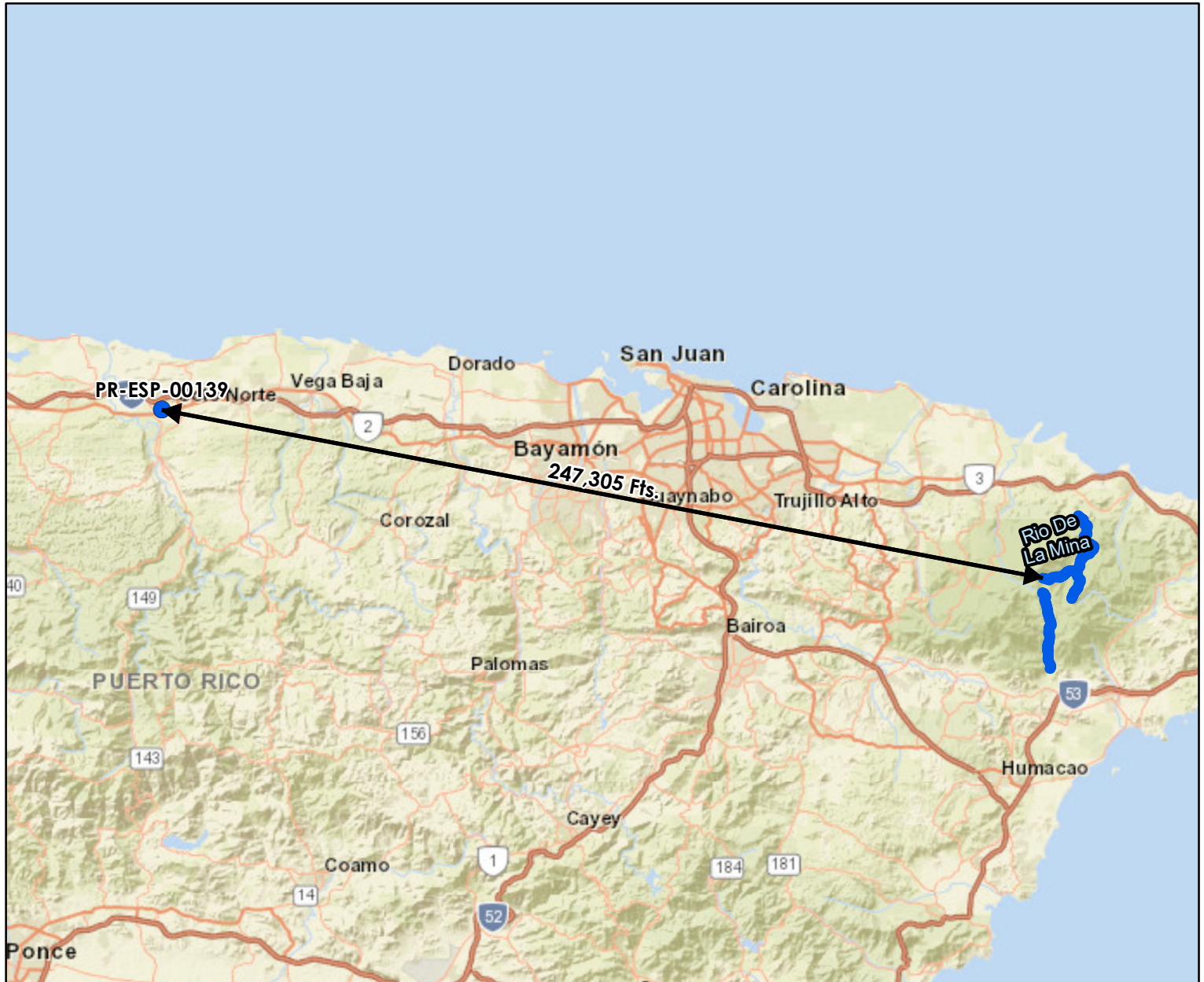


Figure 15

# Wild and Scenic Rivers Map

Electrical Power Reliability and Resilience Program (ER2)

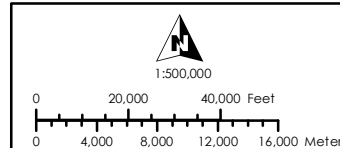
Laboratorio Clínico Griselle, Inc.  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

● PR-ESP-00139

— 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>


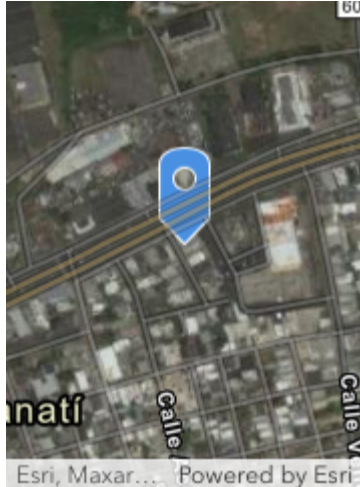


## **Appendix 2:** Field Visit Report



**Environmental Field Assessment Form - PR-ESP-00139**

APPLICANT/LOCATION INFORMATION	
Applicant ID:	PR-ESP-00139
Applicant Name:	Laboratorio Clínico Griselle, Inc
Parcel ID:	056-012-139-02-001
Coordinates:	18.430947, -66.489996
Street Address:	1 D2 Villa Maria
Municipio:	Manatí
Zip Code:	00674
Site Inspector:	Egon Gonzalez
Date of Visit:	March 3, 2025
Time of Visit:	13:38
Year Built:	Circa 1960

Building Information		
Question	Answer	Notes
1. Location verified:	Yes	18.430947, -66.489996
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	Attached concrete garage
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?	Yes	(2) 55gal Drums located in concrete garage
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?	No	
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 3, 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: North

Comments:



**Back of Structure**

Photo Direction: North

Comments:



**Facing Away from Back**

Photo Direction: East

Comments:





**Side #2 of Structure**

Photo Direction: East

Comments:



**Facing Away from Side #2**

Photo Direction: East

Comments:





### Streetscape #1

Photo Direction: South

Comments:



### Streetscape #2

Photo Direction: North

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: Attached concrete garage



### Architectural Details 4

Photo Direction:

Photo Description: (2) 55gal Drums located in attached concrete garage



### Architectural Details 5

Photo Direction:

Photo Description: Additional left side view of structure



### Architectural Details 6

Photo Direction:

Photo Description: General interior view





### Architectural Details 7

Photo Direction:

Photo Description: General interior view



### Architectural Details 8

Photo Direction:

Photo Description: Additional left side view



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



**Sistema Fotovoltaico**

**34.2 KWac / 27.0 KWdc**

**SOLICITANTE: LABORATORIO CLINICO GRISELLE**  
**DIRECCION: C1 D2 Villa Maria Manati PR 00674**  
**TEL: (787) 615-3433 o (787) 854-3202**  
**EMAIL: laboratoriogriselle@gmail.com**

**Sometido por: Roberto Rojas De Jesus**  
**Email: rr2electric@gmail.com**  
**Tel : 787-487-0088**  
**RR^2 Electrical & Engineering Solutions, LLC**

## Sistema Fotovoltaico : KWac 34.2 / 27.0 KWdc

TIPO de Sistema: PV y Almacenamiento de Litio

Costo Total Sistema: \$95,000



Este sistema incluye

- 60 Paneles Solares 450W o equivalente
- 1 HUB (Gateway/ATS)
- 3 Inversor FOX ESS 11.4kw
- 9 Bateria FOX ESS (36 kwh)
- Anclaje (Racks) para paneles
- Instalación y diseño (medición neta)
- Entrenamiento y funcionamiento del sistema

Capacidad fotovoltaica del sistema: 27,000 watts      Costo: \$56,000

Capacidad banco de batería: 36 kwh      Costo: \$39,000

Consumo Anual de Energía: 43.33 kwh

Sistema recomendado para cubrir Consumo Anual: 27 kw

Coordenadas de la propiedad: 18.477961, -66.77362

Cantidad aprobado por el programa (60%): \$50,000.00

Cantidad a pagar por participante (40%): \$45,000.00

## Garantías

25 años en rendimiento lineal paneles fotovoltaicos según garantía con manufacturero.

12 años paneles fotovoltaicos por manufacturero

25 años en Optimizadores según garantía con manufacturero.

12.5 años en inversor por manufacturero

12.5 años en batería de litio con manufacturero.

5 año de garantía en instalación eléctrica (asistencia en reclamaciones de garantías)

Acuerdo Parcial de Instalación entre el Suplidor seleccionado y la PyME Solicitante. Este acuerdo quedaría sin efecto si la Solicitud es denegada o descalificada

SIGNED BY ROBERTO ROJAS DE JESUS  
PRESIDENT

*Roberto Rojas De Jesus*

Desglose de servicios: Equipos, Materiales Electricos, Instalación, Permisología, Planos, Medición Neta, Garantias y Costos Administrativos,



## Hoja de Orientación

Agradecemos el habernos elegido como su proveedor de energía renovable. Con el objetivo de orientarle sobre la instalación y el funcionamiento de su sistema, le compartimos detalles sobre la misma y el proceso de interconexión y Medición Neta. A su vez, proveer una idea del tiempo que estos procesos tomarán.

- I. **Previo a la instalación-** En casos de compra directa con RR2 Electrical & Engineering Solutions o Sunnova a través de Pura Energía, una vez firmado el acuerdo de venta, si deseas cancelar tendrás un período de siete (7) días para cancelar la misma libre de costo. De querer cancelar pasado los siete (7) días, incurrirá en una penalidad de hasta \$3,500 dependiendo del proyecto, por gastos incurridos por RR2 Electrical & Engineering Solutions. Posterior a la instalación **NO** se puede cancelar.
- El techo de la propiedad debe estar en buenas condiciones para la instalación de su sistema. De necesitar sellar el mismo debe hacerlo previo a la instalación. De necesitar relocalizar algún equipo en el techo de la residencia (aire acondicionado, calentador, cisterna, entre otros) debe realizarlo antes de la instalación y será responsabilidad del cliente. De tener garantía de sellado, será su responsabilidad notificar a la compañía de sellado y cubrir cualquier costo que requiera su suplidor.
  - RR2 Electrical & Engineering Solutions se compromete en completar la construcción del sistema de energía renovable en un tiempo aproximado de 30 días laborables de haber completado el proceso de inspección (a menos que haya contratiempos de documentación, sellado de techo, relocalización de equipo(s) o condiciones del tiempo).
- El compromiso de RR2 Electrical & Engineering Solutions es hacer todo lo posible para minimizar el tiempo de construcción y permisología para que su sistema comience a operar lo más rápido posible y poder disfrutar un ahorro en su factura de luz.**
- II. **Batería-** El representante de RR2 Electrical & Engineering Solutions le ha orientado sobre los beneficios y limitaciones de su sistema de batería. El sistema solar no se diseña para correr todos los electrodomésticos de su hogar durante un apagón. Los enseres de más consumo (estufa eléctrica, aires acondicionados que no sean inverter, calentador eléctrico, entre otros). Éstos no se deben encender durante un apagón, para así poder disfrutar de la energía renovable como se ha diseñado.
- Existe una variación de consumo entre diferentes marcas y modelos de aires acondicionados, neveras y otros equipos por lo que su representante le orienta lo que puede incluir y lo que no debe incluir dentro del sistema de almacenamiento.
- III. **Interconexión-** Es el proceso técnico mediante el cual el cliente instala y obtiene autorización para operar un sistema de generación en paralelo con la red eléctrica de LUMA.
- Por lo que, usted mantendrá su cuenta de LUMA y el sistema de energía solar estará interactuando con el mismo. El sistema solar estará produciendo energía durante el día en las horas efectivas de sol para cubrir su consumo diario, el exceso será exportado a la LUMA en forma de kWh, el cual será utilizado para su consumo nocturno.
  - **Si usted no desea estar interconectado, deberá pasar por las oficinas comerciales de LUMA para dar de baja su cuenta, de no hacerlo estaría infringiendo en la ley.**
  - De estar interesado, RR2 Electrical & Engineering Solutions requerirá crear una cuenta y registrarlo como cliente en el portal de LUMA. A través del portal, recibirá correos electrónicos con la información del proceso de interconexión. Es de suma importancia, **no** cambiar la contraseña del portal.
- IV. **Medición Neta-** El sistema de energía renovable reduce su consumo de la energía eléctrica y la energía en exceso, si alguna, se exporta al sistema eléctrico de la LUMA. Asimismo, LUMA medirá la energía que el cliente exporte a la red y facturará por la energía neta que consuma.
- Si produce más energía de la que consume, podrá recibir un crédito al cierre del año fiscal LUMA (según dispuesto en la Ley Núm. 114).
  - Si consumo más de lo que produce, la LUMA le facturará el exceso de energía consumida y tendrá un cargo adicional en la factura.
- RR2 Electrical & Engineering Solutions someterá la solicitud del sistema de energía renovable con todos los documentos requeridos por la LUMA una vez el sistema esté instalado en su totalidad. Esta aprobación podrá tomar entre 30 a 180 días, dependiendo a la región a la cual pertence.**
- El proceso de Medición Neta es un servicio que conlleva diseños, firmas y estampillas de ingenieros certificados. RR2 Electrical & Engineering Solutions brinda este servicio sin costo adicional para el cliente.
  - Sin embargo, el mismo no incluye estudios adicionales, como el estudio suplementario. Este estudio es un requerimiento de LUMA, el cual se aplica a algunos casos y posee un costo adicional, el cual deberá ser cubierto por el cliente.

Yo, MANUEL A GONZALEZ autorizo a RR2 Electrical & Engineering Solutions, a someter y registrar un perfil en el portal de LUMA utilizando mi correo electrónico para este fin. Entiendo que a través de la misma se estará sometiendo, firmando electrónicamente y procesando mi solicitud para la Interconexión y la Medición Neta del sistema de energía renovable. He leído y he entendido lo antes expuesto y mediante la firma confirmo la misma.

Firma



Fecha 09/13/2024



**Urb. Hoyo Los Santos**

**Calle 3 Esq. 1 Blq M1**

**Arecibo, PR. 00612**

**787-487-0088**

**rojasdejesusroberto@gmail.com**

## **CONTRATO DE VENTA**

**CONTRATO NUM** AP-011

### **COMPARECEN**

**DE LA PRIMERA PARTE:** Manuel A Gonzalez Molina / Lab Clinico Griselle, mayor de edad, y vecino(a) de Manati, Puerto Rico, quien comparece en su carácter de comprador, en adelante denominado "EL COMPRADOR" .....

**DE LA SEGUNDA PARTE:** RR^2 Electrical & Engineering Solutions, corporación existente al amparo de las leyes del Estado Libre Asociado de Puerto Rico, con número de registro 1206346-0016, representada en este acto por Roberto Rojas, mayor de edad, y vecino de Arecibo, Puerto Rico, quien comparece como Representante Autorizado de Ventas, en adelante denominado como "EL VENDEDOR" .....

Manifiestan LAS PARTES estar legalmente capacitadas para otorgar el presente contrato y en tal virtud, libre y voluntariamente EXPONEN:

**PRIMERO:** "EL VENDEDOR" presentó una cotización para la compra e instalación de un Sistema Fotovoltaico para uso Comercial con capacidad de 27 kW, en adelante "La Cotización" .....

**SEGUNDO:** Se unen y se hacen formar parte de este Contrato todos los documentos que componen La Cotización antes mencionada incluyendo, pero sin limitarse a: la descripción del proyecto, el estimado de costos y los diagramas del proyecto, entregados por el "EL VENDEDOR". .....

**TERCERO:** LAS PARTES comparecientes convienen suscribir el presente acuerdo y proceden con la firma del mismo sujeto a los siguientes: .....

### **TERMINOS Y CONDICIONES**

**PRIMERA:** Habiéndose firmado El Contrato, Las Partes acuerdan desarrollar el proyecto dispuesto en La Cotización, el cual deberá cumplir con todos los requisitos técnicos, descritos en esta, según los documentos adjuntos a este contrato. ....

**SEGUNDA:** "EL COMPRADOR" pagara a "EL VENDEDOR" por los bienes y servicios prestados, la cantidad total de \$ 95,000 . Esta cantidad incluye todos los servicios contemplados y descritos en La Cotización y en las cláusulas y condiciones de este Contrato. ....

**TERCERA:** La instalación del sistema fotovoltaico se llevará a cabo en tres (3) etapas: (1) evaluación para la interconexión del sistema por parte de la Autoridad de Energía Eléctrica de Puerto Rico; (2) diseño, instalación y certificación del sistema fotovoltaico por parte de "EL VENDEDOR", y (3) firma de los Acuerdos de Interconexión y Medición Neta entre "EL COMPRADOR" y la Autoridad de Energía Eléctrica de Puerto Rico. ....

**CUARTA:** "EL VENDEDOR" recibirá como depósito de "EL COMPRADOR" la cantidad de \$ 22,500 lo que equivale al 50 % del precio total del sistema. ....

**QUINTA (Efectivo):** "EL COMPRADOR acuerda pagar el balance de \$ 22,500, como se detalla a continuación:

- \$ 0 después de la terminación y entrega del plano del proyecto y antes de la instalación del sistema fotovoltaico, (35%).
- \$ 22,500 luego de la instalación exitosa del sistema.

**QUINTA (Financiado):** "El COMPRADOR financiará el balance de \$ 45,000 a través de una institución financiera en un periodo no mayor de un (1) mes desde la firma de este contrato. Si "EL COMPRADOR" no cumple con este término, el contrato se anulará y se renegociaran los acuerdos.

**SEXTA:** "EL VENDEDOR" acuerda instalar el sistema fotovoltaico en un periodo de treinta (30) días, hasta un máximo de ciento veinte (120) días luego de recibido el documento de evaluación y/o plano endosado de la Autoridad de Energía Eléctrica de Puerto Rico. ....

**SEPTIMA:** Este contrato podrá ser terminado por cualquiera de LAS PARTES. "EL COMPRADOR" solo podrá hacer uso de este derecho en el caso de que no estén pendientes pagos por servicios prestados. En caso de que "EL COMPRADOR" decida cancelar el Contrato y no instalar el sistema fotovoltaico, o que la evaluación de la Autoridad de Energía Eléctrica de Puerto Rico determine que no se puede Interconectar el proyecto. "EL VENDEDOR" reembolsará a "EL COMPRADOR" la cantidad pagada reteniendo \$500.00 para cubrir los gastos incurridos.....

**OCTAVA:** Este Contrato tendrá vigencia de (1) año a partir de su otorgamiento. ....

**NOVENA:** "EL VENDEDOR" desarrollará el proyecto del Sistema fotovoltaico de manera tal que la culminación del mismo cumpla con los siguientes requisitos:

- Estar compuesto por:
  - 60 Paneles Solares 450W o equivalente
  - 1 HUB (Gateway/ATS)
  - 3 Inversor FOX ESS 11.4kw
  - 9 Bateria FOX ESS (36 kwh)
  - Anclaje (Racks) para paneles
  - Instalación y diseño (medición neta)
  - Entrenamiento y funcionamiento del sistema

Cualquier marca o modelo de igual calidad aprobadas por las agencias Federales concernidas, y que estén disponibles al momento de la instalación.

- Producir una energía promedio diaria de 149.31 kW.
- Estar certificado por el perito o Ingeniero electricista instalador ante la Autoridad de Gerencias de Permisos (OGPe).
- Estar certificado por el perito o Ingeniero electricista instalador ante la Autoridad de Energía Eléctrica de Puerto Rico
- Garantía por los fabricantes.

**DECIMA:** "EL VENDEDOR" expresa que conoce las normas éticas de su profesión y asume entera responsabilidad por cualquier acción que pudiese ser contraria a tales normas éticas. "EL VENDEDOR" rendirá sus servicios, labor o trabajo de una manera profesional y conforme a los estándares, normas y prácticas generalmente aceptadas en su profesión, oficio o industria. ....

**UNDECIMA:** LAS PARTES estipulan que las cláusulas y condiciones de este contrato son independientes y separadas entre sí y que la nulidad de una o más cláusulas de este, declarada por un tribunal competente, no afectará la validez de las restantes, las cuales continuaran vigentes.....

**DUODECIMA:** Este contrato estará regido y deberá ser interpretado de acuerdo con las leyes del Estado Libre Asociado de Puerto Rico. ....

**DECIMOTERCERA:** Toda comunicación escrita que deba ser dirigida a "LAS PARTES", deberá ser remitida a las siguientes direcciones:

**EL COMPRADOR****Dirección postal:**

PO BOX 1249  
MANATI PR 00674-1249

**Dirección física:**

C1 D2 Villa Maria  
Manati PR 00674

**RR^2 Electrical & Engineering Solutions****Dirección postal:**

HC-52 Box 3390  
Garrochales, PR 00652


**Dirección física:**

Urb. Hoyo Los Santos  
Calle 3 Esq. 1 Blq M1  
Arecibo, PR. 00612

**LECTURA Y ACEPTACION**

LAS PARTES manifiestan estar de acuerdo con las Cláusulas y Condiciones consignadas en este Contrato, en vista de lo cual estampan sus firmas al final del mismo.

En Manati, Puerto Rico, a 13 de Septiembre de 2024.

X 

Firma Cliente

X 

Firma Representante RR^2 Electrical & Engineer...



## **Terms & Conditions:**

### **Garantía Servicio Instalaciones Eléctricas**

A partir de la fecha de facturación por el servicio completado y durante la vigencia de un año, proveeremos garantía en nuestro servicio, contra cualquier defecto en mano de obra para la instalación y conexión de los equipos eléctricos.

Nuestra garantía, cubrirá la mano de obra, para la Instalacion de los equipos eléctricos.

Nos comprometemos a solucionar el defecto de instalación, en un lapso no mayor de 30 días contados a partir de la fecha de recibo del reclamo.

El cliente, está obligado a notificarnos por la vía más rápida cualquier anomalía que se observara en el funcionamiento de los equipos instalados y demostrar en presencia nuestra el defecto en su funcionamiento.

Esta GARANTÍA NO será válida bajo las siguientes condiciones:

Cuando el uso, cuidado y operación del equipo no haya sido realizado en términos normales, distinto al natural y técnico del mismo.

Cuando el producto haya sido usado fuera de su capacidad, maltratado, golpeado, expuesto a la humedad, ó afectado por algún líquido o substancia corrosiva, así como por cualquiera otra falla atribuible al Cliente.

En el evento que terceras personas ajenas a nosotros desmonten, modifiquen, alteren, intervengan, total ó parcialmente alguna parte del equipo y si así lo hicieren, perderán todo derecho a cualquier reclamación durante el tiempo que cubre nuestra garantía.

Nuestra garantía no incluye los posibles daños o deterioros causados o producidos por rayo, huracán, descargas eléctricas atmosféricas, inundación, incendio, sismo, vandalismo, así como tampoco los derivados del uso y desgaste natural.

Cada visita que no sea relacionada a problemas con la instalación eléctrica dentro del año o pasado el año tendrá un costo de \$80 dolares. Primera visita de cortesía.

Laboratorio clínico Griselle | Dirección: C1 D2 VILLA MARIA, MANATI PR 00674

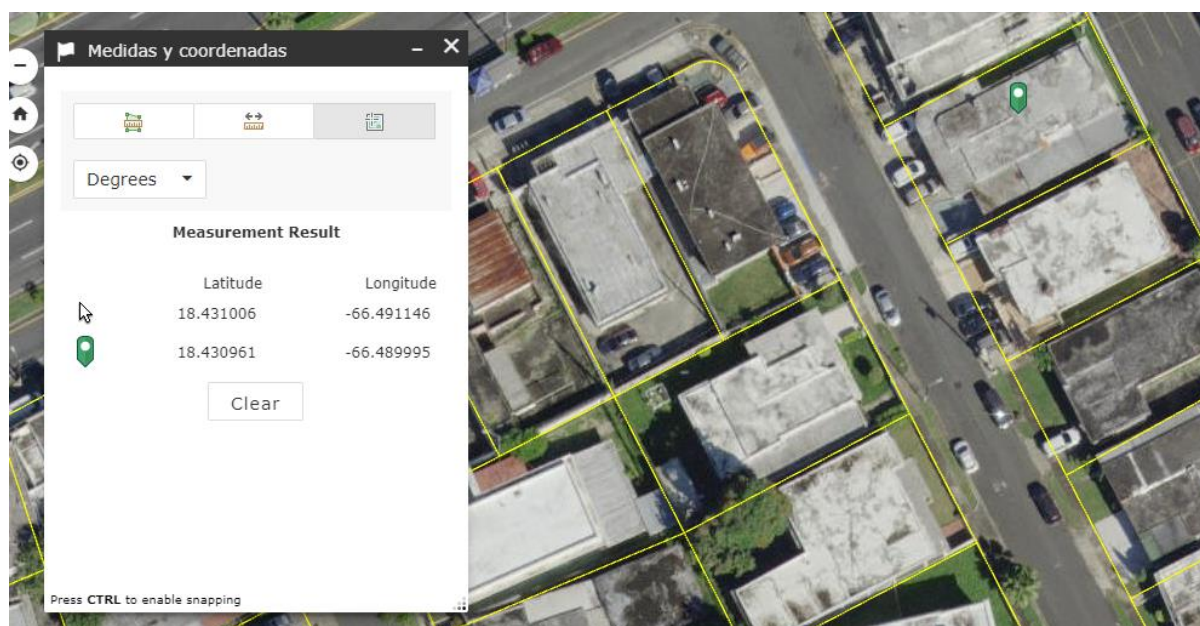
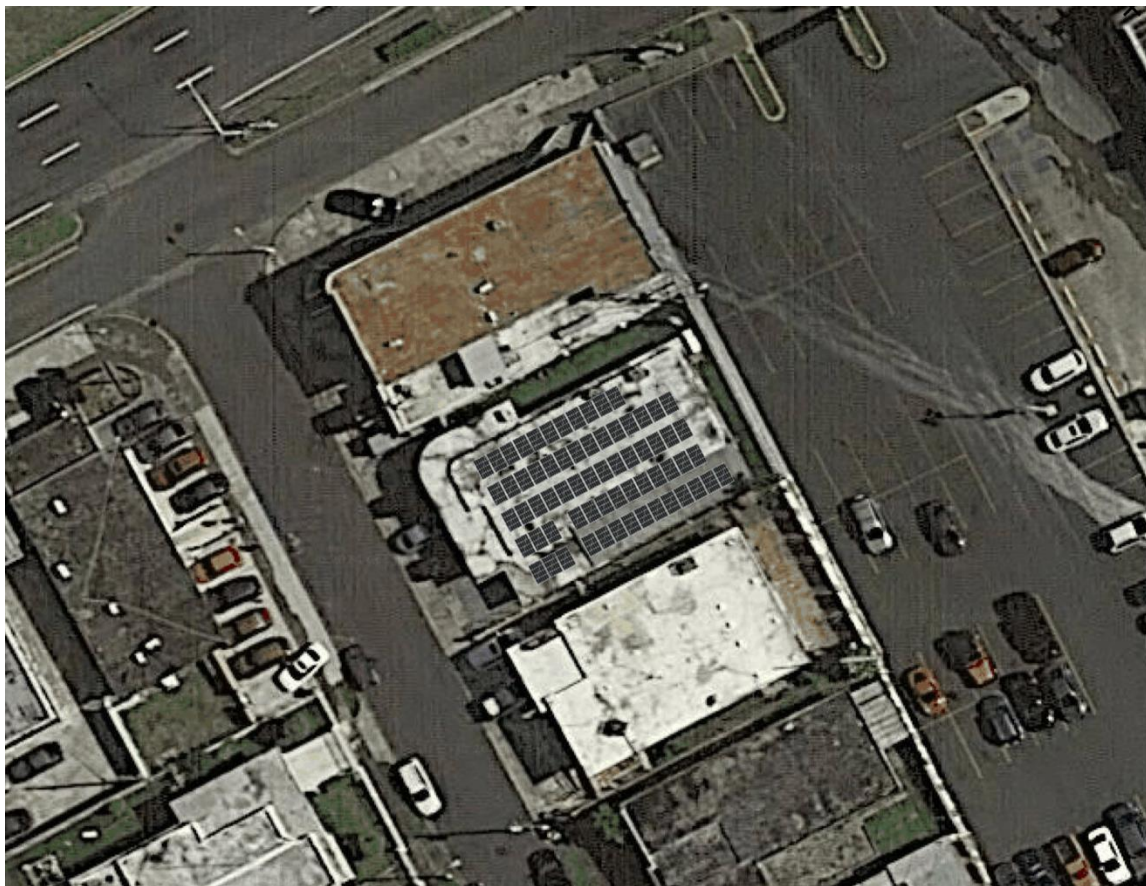




Foto: **Fachada de la estructura**



Foto: **Pared del área del contador**



Foto: **Áreas del techo**





# Su factura de electricidad

Para el periodo del 4 de abril de 2024 al 4 de mayo de 2024

MANUEL A. GONZALEZ MOLINA

Su número de cuenta:

6165201000

Fecha de expedición de esta factura: 4 de mayo de 2024

Ciclo de facturación:

04



**Consejo Para Ahorrar Energía:** ¿Cuáles son los beneficios de ahorrar energía? Una factura más económica para usted y energía más confiable para todos. Si trabajamos juntos para reducir nuestro consumo energético, podremos reducir la demanda sobre la red. Esto ayudará a mantener las luces encendidas para todos. Para conocer más, visite: [lumaenergy.com/residencial/ahorrando-energia-y-dinero](http://lumaenergy.com/residencial/ahorrando-energia-y-dinero).

## CANTIDAD TOTAL ADEUDADA

**\$869.80**

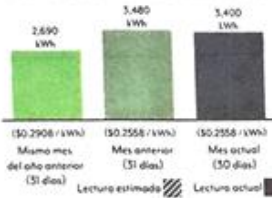
## FECHA DE VENCIMIENTO

**6 jun 2024**

## CONSUMO DE kWh

**3,400 kWh**

## SU CONSUMO DE ENERGÍA



## COMPARACION

Este mes, usted consumió:



**2.3% menos energía**  
en comparación con el mes anterior

y



**26.4% más energía**  
en comparación con el año anterior

## PROMEDIOS

Costo promedio por día

**\$28.99**

Promedio de consumo diario

**113 kWh**

Costo promedio de 12 meses por kWh

**\$0.2495**

## ¡En LUMA trabajamos para ti!

¿Necesita más tiempo para pagar su factura? Estamos aquí para ofrecerle soluciones, incluyendo planes de pago flexibles, que podrían estar disponibles para usted y su familia. Para más información, contacte a un representante de servicio al cliente hoy al 1-844-888-5862.

## Transformación del sistema eléctrico



Cuide y proteja a su familia de los estragos del clima. LUMA busca la manera para facilitar un pago por adelantado. Para más detalles, visite [lumaenergy.com/transformaciondelenergia](http://lumaenergy.com/transformaciondelenergia).

PARA EMERGENCIAS O  
INTERRUPCIONES EN EL SERVICIO  
1-844-888-LUMA (5862)

DIRECCIÓN POSTAL DE LUMA:  
PO BOX 363508  
San Juan PR 00936-3508

PARA PAGOS Y CONSULTAS  
1-844-888-LUMA (5862)

PARA FACTURACIÓN Y MÁS  
[WWW.LUMA.PR.COM](http://WWW.LUMA.PR.COM)



LUMA Energy  
PO BOX 363508  
San Juan PR 00936-3508

Ley 57-2014, según enmendada: Todos los clientes tienen hasta la fecha de vencimiento para pagar la factura o presentar una objeción a los cargos en la factura. Detalles al dorso.

Incluya este talonario con su pago. No mutile, doble, grape, manche, escriba (excepto la cantidad a pagar) ni use cinta adhesiva en el talonario de pago.

Cuenta: 6165201000  
Cantidad adeudada: \$869.80  
Fecha de vencimiento:  
6 de junio de 2024

Cantidad incluida:



44428  
MANUEL A. GONZALEZ MOLINA  
PO BOX 1249  
MANATI PR 00674-1249

00061652010004 000086980 000086980 3

LS-3429-44428

Pago 5-9-2024

La instalación de un equipo para generar energía de fuentes renovables puede ayudarle a reducir su factura de electricidad y LUMA, mediante sus oficinas comerciales o por Internet, le suministrará información sobre cómo puede cualificar para ingresar al programa de medición neta. Además, existen beneficios contributivos para incentivar la compra de esos equipos sobre los que puede obtener más información en el Programa de Política Pública Energética.



### INFORMACIÓN DEL MEDIDOR Y DEL SERVICIO

Dirección del servicio: C 1 D2 VILLA MARIA MANATI PR 00674				ID localidad: 6165201173	
Tarifa: Servicio Comercial General a Distribución Secundaria				Próxima lectura: 4-jun	
Periodo: 4-abr-2024 a 4-may-2024					

Número de contador	Fecha de lectura	Lectura actual	Fecha de lectura anterior	Lectura anterior	Consumo		Constante
					kWh	Días	
00002505439	4-may	9267.00 L	4-abr	8927.00	3,400.00	30	10

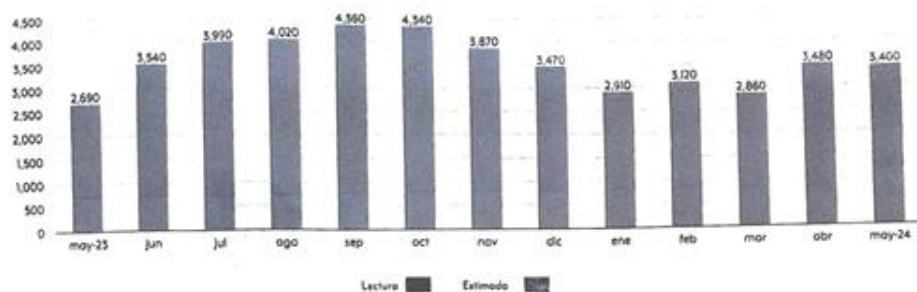
### DETALLE DE LOS CARGOS CORRIENTES

DESCRIPCIÓN	TARIFA	CARGO
<b>Cargos por Servicio</b>		<b>\$5.00</b>
Cargo por Cliente		\$287.27
Cargo por Consumo	3,400 kWh x \$0.08449	\$292.27
<b>Subtotal</b>		<b>\$584.54</b>
<b>Clausulas de Reconciliación</b>		<b>\$589.59</b>
Clausula FCA-Ajuste Cargo de Combustible	3,400 kWh x \$0.114585	\$113.79
Clausula PPCA-Ajuste por Compra de Energía	3,400 kWh x \$0.033469	\$23.97
Clausula CILTA-CEU (Municipios)	3,400 kWh x \$0.007049	\$46.64
Clausula SUBA-Subsidios HH	3,400 kWh x \$0.013717	\$3.54
Clausula SUBA-Subsidios NHH	3,400 kWh x \$0.001042	\$0.00
Clausula EE-Cargo Eficiencia Energetica	3,400 kWh x \$0.00	\$577.53
<b>Subtotal</b>		<b>\$869.80</b>
<b>Total</b>		<b>\$869.80</b>



## HISTORIAL DE CONSUMO (KWH)

ID localidad: 6165201173





## **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



You are here: EPA Home > Green Book > Summary Nonattainment Area Population Exposure Report

## 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)						



[illegible]

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)								
		2010 Population in 1000s (area count) by Pollutant									
Total Estimated 2010 Population in Nonattainment Areas (1000's)		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)
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.

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**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:**

PUERTO RICO

GO

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

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

Important Notes

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**Puerto Rico Ozone-1Hr (1979) Areas** [Return to map](#)<sup>Top of page</sup>

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 Requirements</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](#)

Click on the Area name to view SIP Required Elements	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



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-00139

**Project:** Laboratorio Clínico Griselle, Inc

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

After reviewing Application Number PR-ESP-00139 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.

Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365  
Tel: (787) 274-2527 | [www.usenda.pr.gov](http://www.usenda.pr.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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Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365  
Tel: (787) 274-2527 | [www.usenda.pr.gov](http://www.usenda.pr.gov)

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 Pavetko, [Pavetko.Oleg@epa.gov](mailto:Pavetko.Oleg@epa.gov)  
Mr. Matthew Laitila, [laitila.matthew@epa.gov](mailto:laitila.matthew@epa.gov)

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Sincerely,

William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: Dr. Carlos Marín, [carlos.marin3@upr.edu](mailto:carlos.marin3@upr.edu)



August 20, 2024

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

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

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

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

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

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

CDBG-DR/MIT Program  
Request for Information in relation with HUD CPD-23-103 for Puerto Rico  
Page 2 / 2

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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)

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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

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



GOVERNMENT OF PUERTO RICO  
DEPARTMENT OF HOUSING

August 20, 2024

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

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

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

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

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

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

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

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

Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365  
Tel. (787) 274-2527 | [www.cuivivenda.pr.gov](http://www.cuivivenda.pr.gov)



GOVERNMENT OF PUERTO RICO  
DEPARTMENT OF HOUSING

August 20, 2024

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

Via email: [hweyers@usgs.gov](mailto:hweyers@usgs.gov)

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

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

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CDBG-DR/MIT Program  
Request for Information in relation with HUD CDP-23-103 for Puerto Rico  
Page 2 / 2

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

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

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

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

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

Sincerely,

  
William O. Rodríguez Rodríguez, Esq.  
Secretary

Cc: Mr. Raúl Hernández Dabla, [rhernandez2@salud.pr.gov](mailto:rhernandez2@salud.pr.gov)

CDBG-DR/MIT Program  
Request for Information in relation with HUD CDP-23-103 for Puerto Rico  
Page 2 / 2

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

Sincerely,

  
William O. Rodríguez Rodríguez, Esq.  
Secretary

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); Rzeszutarski, Peter (CDC/NCEH/DEHSP); Vinson, D. Aaron (CDC/NCEH/DEHSP)  
**Cc:** Kostak, Liana (CDC/PHIC/DPS); Vazquez, Germaine (CDC/NCEH/DEHSP)  
**Subject:** RE: REHi: Puerto Rico Request for Information- Randon testing and levels

Good morning, Sandra and others,

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

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

If you have any additional questions, please contact me.

Thank you and best regards,

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





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

Dear Ms. Medina Smaine,

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

Best regards,

R. Randall Schumann  
Scientist Emeritus  
U.S. Geological Survey  
Geosciences and Environmental Change Science Center  
Denver, Colorado, USA  
[rschumann@usgs.gov](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

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

Atentamente

Silvina Cancelos  
Professor  
Associate Director  
Mechanical Engineering Department  
University of Puerto Rico - Mayaguez  
Call BOX 9000 Mayaguez PR 00680  
Tel: 787-832-4040 ext 5956  
email: [silvina.cancelos@upr.edu](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, 7TH 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)  
Luz S Colon Ortiz: [Lcolon@vivienda.pr.gov](mailto:Lcolon@vivienda.pr.gov)  
Aldo A. Rivera-Vazquez: [arivera@vivienda.pr.gov](mailto:arivera@vivienda.pr.gov)  
Cesar O. Rodriguez: [cesarrodriiguez@drna.pr.gov](mailto:cesarrodriiguez@drna.pr.gov)  
Marita Rosa Olivares: [maritzarosaolivares@drna.pr.gov](mailto:maritzarosaolivares@drna.pr.gov)

## ECHO Reports





# Detailed Facility Report

Facility Summary  
**60 MINUTES CLEANERS**

**ELLIOT VELEZ ST J27 URB ATENAS, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110006433403

**EPA Region:** 02

**Latitude:** 18.43269

**Longitude:** -66.48419

**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	05/25/2001
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, (PR0000852558)  
**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		110006433403					N	18.43269	-66.48419
RCRAInfo	RCRA	PR0000852558	Other	Inactive ( )			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006433403	60 MINUTES CLEANERS	ELLIOT VELEZ ST J27 URB ATENAS, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PR0000852558	60 MINUTE CLEANERS	ELLIOT VELEZ ST J27 URB ATENAS, MANATI, PR 00701	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PR0000852558	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: PR0000852558)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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	11,684	Children 5 years and younger	544 (5%)
Population Density	3,748/sq.mi.	Minors 17 years and younger	2,002 (17%)
Housing Units in Area	6,375	Adults 18 years and older	9,681 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,905 (25%)
Households in Area	4,751		
Households on Public Assistance	312	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	9,353	White	4,908 (42%)
Percent With Low Income	81%	African-American	379 (3%)
		Hispanic-Origin	11,365 (97%)
		Asian	46 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	16 (0%)
		Other/Multiracial	1,508 (13%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	1,172 (13.56%)
Center Latitude	18.43269	9th through 12th Grade	940 (10.87%)
Center Longitude	-66.48419	High School Diploma	2,859 (33.07%)
Total Area	--	Some College/2-year	1,212 (14.02%)
Land Area	100%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,708 (19.76%)
Water Area	0%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	2,216 (46.66%)		
\$15,000 - \$25,000	903 (19.01%)		
\$25,000 - \$50,000	1,031 (21.71%)		
\$50,000 - \$75,000	366 (7.71%)		
Greater than \$75,000	233 (4.91%)		



# Detailed Facility Report

Facility Summary

**CLEAN HARBORS CARIBE INC**

**KM 51.0 HWY 2, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110064017479

**EPA Region:** 02

**Latitude:** 18.432274

**Longitude:** -66.486886

**Locational Data Source:** RCRAINFO

**Industries:** Waste Management and Remediation Services

**Indian Country:** N

## Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	04/20/2023
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

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

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

**Resource Conservation and Recovery Act (RCRA):** Active VSQG, (PRR000025023)

**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		110064017479					N	18.432274	-66.486886
RCRAInfo	RCRA	PRR000025023	VSQG	Active (H)			N	18.432274	-66.486886



Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110064017479	CLEAN HARBORS CARIBE INC	KM 51.0 HWY 2, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRR000025023	CLEAN HARBORS CARIBE INC	KM 51.0 HWY 2, MANATI, PR 00674	Manatí 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	PRR000025023	562112	Hazardous Waste Collection
RCRAInfo	PRR000025023	562119	Other Waste Collection

Facility Tribe Information

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

Enforcement and Compliance

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

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

No data records returned  
There are no relationships to display in the RCRA Compliance Pipeline table for this facility. Scroll down to view compliance monitoring history.

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
RCRA	PRR000025023	RCRAInfo/ICIS	Inspection/Evaluation	Compliance Evaluation Inspection	EPA	04/20/2023	No Violations Or Compliance Issues Were Found

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	PRR000025023	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: PRR000025023)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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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
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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/dfp-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	11,203	Children 5 years and younger	530 (5%)
Population Density	3,596/sq.mi.	Minors 17 years and younger	1,927 (17%)
Housing Units in Area	6,172	Adults 18 years and older	9,277 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,814 (25%)
Households in Area	4,580	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	294	White	4,693 (42%)
Persons With Low Income	8,954	African-American	361 (3%)
Percent With Low Income	80%	Hispanic-Origin	10,882 (97%)
Geography		Asian	46 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.432274	American Indian	17 (0%)
Center Longitude	-66.486886	Other/Multiracial	1,453 (13%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,162 (14.02%)
Water Area	0%	9th through 12th Grade	886 (10.69%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,772 (33.43%)
Less than \$15,000	2,145 (46.82%)	Some College/2-year	1,145 (13.81%)
\$15,000 - \$25,000	879 (19.19%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,593 (19.21%)
\$25,000 - \$50,000	971 (21.2%)		
\$50,000 - \$75,000	355 (7.75%)		

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Greater than \$75,000	231 (5.04%)

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# Detailed Facility Report

## Facility Summary

COMPU AUTO

RD2 KM 49.8, MANATI, PR 00000

FRS (Facility Registry Service) ID: 110007814972

EPA Region: 02

Latitude: 18.431868

Longitude: -66.488617

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, (PRO007001910)

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		110007814972					N	18.431868	-66.488617
RCRAInfo	RCRA	PRO007001910	Other	Inactive ( )			N	18.431868	-66.488617



Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007814972	COMPU AUTO	RD2 KM 49.8, MANATI, PR 00000	Manatí Municipio
RCRAInfo	RCRA	PRO007001910	COMPU AUTO	RD2 KM 49.8, MANATI, PR 00000	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRO007001910	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: PRO007001910)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name
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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	10,516	Children 5 years and younger	498 (5%)
Population Density	3,378/sq.mi.	Minors 17 years and younger	1,792 (17%)
Housing Units in Area	5,860	Adults 18 years and older	8,725 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,692 (26%)
Households in Area	4,334	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	272	White	4,436 (42%)
Persons With Low Income	8,360	African-American	338 (3%)
Percent With Low Income	80%	Hispanic-Origin	10,209 (97%)
Geography		Asian	46 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.431868	American Indian	17 (0%)
Center Longitude	-66.488617	Other/Multiracial	1,382 (13%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,141 (14.64%)
Water Area	0%	9th through 12th Grade	832 (10.67%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,594 (33.28%)
Less than \$15,000	2,022 (46.69%)	Some College/2-year	1,060 (13.6%)
\$15,000 - \$25,000	845 (19.51%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,484 (19.04%)
\$25,000 - \$50,000	901 (20.8%)		
\$50,000 - \$75,000	344 (7.94%)		
Greater than \$75,000	219 (5.06%)		



# Detailed Facility Report

Facility Summary

DEPT OF ED - FERNANDO CALLEJO SCHOOL  
CALLE ROSARIO ESQ VENDIG, MANATI, PR 00674

FRS (Facility Registry Service) ID: 110044299176

EPA Region: 02

Latitude: 18.426951

Longitude: -66.487779

Locational Data Source: RCRAINFO

Industries: Educational Services

Indian Country: N

## Enforcement and Compliance Summary

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

## Regulatory Information

Clean Air Act (CAA): No Information  
Clean Water Act (CWA): No Information  
Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRD987378916)  
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		110044299176					N	18.426951	-66.487779
RCRAInfo	RCRA	PRD987378916	VSQG	Active (H)			N	18.426951	-66.487779

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110044299176	DEPT OF ED - FERNANDO CALLEJO SCHOOL	CALLE ROSARIO ESQ VENDIG, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRD987378916	DEPT OF ED - FERNANDO CALLEJO SCHOOL	CALLE ROSARIO ESQ VENDIG, MANATI, PR 00674	Manatí 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	PRD987378916	61111	Elementary and Secondary Schools

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987378916	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: PRD987378916)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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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	11,460	Children 5 years and younger	523 (5%)
Population Density	3,683/sq.mi.	Minors 17 years and younger	2,053 (18%)
Housing Units in Area	6,314	Adults 18 years and older	9,406 (82%)
Percent People of Color	99%	Seniors 65 years and older	2,897 (25%)
Households in Area	4,711	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	282	White	4,801 (42%)
Persons With Low Income	9,112	African-American	355 (3%)
Percent With Low Income	80%	Hispanic-Origin	11,216 (98%)
Geography		Asian	46 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.426951	American Indian	26 (0%)
Center Longitude	-66.487779	Other/Multiracial	1,396 (12%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,207 (14.39%)
Water Area	0%	9th through 12th Grade	792 (9.44%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,846 (33.92%)
Less than \$15,000	2,150 (45.64%)	Some College/2-year	1,212 (14.45%)
\$15,000 - \$25,000	944 (20.04%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,626 (19.38%)
\$25,000 - \$50,000	1,036 (21.99%)		
\$50,000 - \$75,000	337 (7.15%)		
Greater than \$75,000	244 (5.18%)		



# Detailed Facility Report

Facility Summary

**DEPT OF ED - IMMACULADA CONCEPCION**

**HWY 2 KM 50, MANATI, PR 00701**

**FRS (Facility Registry Service) ID:** 110007811010

**EPA Region:** 02

**Latitude:** 18.431143

**Longitude:** -66.490347

**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, (PRD987373545)

**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		110007811010					N	18.431143	-66.490347
RCRAInfo	RCRA	PRD987373545	Other	Inactive ( )			N	18.431143	-66.490347

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007811010	DEPT OF ED - IMMACULADA CONCEPCION	HWY 2 KM 50, MANATI, PR 00701	Manatí Municipio
RCRAInfo	RCRA	PRD987373545	DEPT OF ED - IMMACULADA CONCEPCION	HWY 2 KM 50, MANATI, PR 00701	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987373545	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: PRD987373545)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name
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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	9,777	Children 5 years and younger	455 (5%)
Population Density	3,143/sq.mi.	Minors 17 years and younger	1,634 (17%)
Housing Units in Area	5,524	Adults 18 years and older	8,146 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,565 (26%)
Households in Area	4,060	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	248	White	4,158 (43%)
Persons With Low Income	7,726	African-American	310 (3%)
Percent With Low Income	80%	Hispanic-Origin	9,497 (97%)
Geography		Asian	44 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.431143	American Indian	18 (0%)
Center Longitude	-66.490347	Other/Multiracial	1,303 (13%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,107 (15.24%)
Water Area	0%	9th through 12th Grade	766 (10.55%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,404 (33.1%)
Less than \$15,000	1,886 (46.48%)	Some College/2-year	979 (13.48%)
\$15,000 - \$25,000	805 (19.84%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,376 (18.95%)
\$25,000 - \$50,000	830 (20.45%)		
\$50,000 - \$75,000	333 (8.21%)		
Greater than \$75,000	204 (5.03%)		





# Detailed Facility Report

## Facility Summary

ESCUELA JOSE S QUINONES  
AVE ROSA, MANATI, PR 00674

FRS (Facility Registry Service) ID: 110007812135

EPA Region: 02

Latitude: 18.42605

Longitude: -66.49234

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, (PRD987378700)  
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		110007812135					N	18.42605	-66.49234
RCRAInfo	RCRA	PRD987378700	Other	Inactive ( )			N	18.426174	-66.492365

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007812135	ESCUELA JOSE S QUINONES	AVE ROSA, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRD987378700	ESCUELA JOSE S QUINONES	AVE ROSA, MANATI, PR 00674	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987378700	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: PRD987378700)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
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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	9,553	Children 5 years and younger	420 (4%)
Population Density	3,076/sq.mi.	Minors 17 years and younger	1,624 (17%)
Housing Units in Area	5,431	Adults 18 years and older	7,928 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,532 (27%)
Households in Area	3,983		
Households on Public Assistance	212	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	7,508	White	4,053 (42%)
Percent With Low Income	79%	African-American	273 (3%)
		Hispanic-Origin	9,351 (98%)
		Asian	38 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	26 (0%)
		Other/Multiracial	1,191 (12%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	1,090 (15.5%)
Center Latitude	18.42605	9th through 12th Grade	638 (9.07%)
Center Longitude	-66.49234	High School Diploma	2,381 (33.86%)
Total Area	--	Some College/2-year	1,002 (14.25%)
Land Area	99%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,340 (19.06%)
Water Area	1%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,822 (45.74%)		
\$15,000 - \$25,000	815 (20.46%)		
\$25,000 - \$50,000	833 (20.91%)		
\$50,000 - \$75,000	310 (7.78%)		
Greater than \$75,000	203 (5.1%)		



# Detailed Facility Report

Facility Summary

**FARMACIA EL AMAL #30**

**VILLA MARIA SHOPPING CTR, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110007823276

**EPA Region:** 02

**Latitude:** 18.43149

**Longitude:** -66.48925

**Locational Data Source:** FRS

**Industries:** --

**Indian Country:** N

## Enforcement and Compliance Summary

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

## Regulatory Information

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

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

**Resource Conservation and Recovery Act (RCRA):** Active VSQG, (PRR000013649)

**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		110007823276					N	18.43149	-66.48925
RCRAInfo	RCRA	PRR000013649	VSQG	Active (H)			N	18.43156	-66.488928



Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007823276	FARMACIA EL AMAL #30	VILLA MARIA SHOPPING CTR, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRR000013649	FARMACIA EL AMAL #30	VILLA MARIA SHOPPING CTR, MANATI, PR 00674	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000013649	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: PRR000013649)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

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

No data records returned

Community

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	10,306	Children 5 years and younger	487 (5%)
Population Density	3,312/sq.mi.	Minors 17 years and younger	1,753 (17%)
Housing Units in Area	5,769	Adults 18 years and older	8,555 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,658 (26%)
Households in Area	4,257	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	266	White	4,353 (42%)
Persons With Low Income	8,184	African-American	331 (3%)
Percent With Low Income	80%	Hispanic-Origin	10,008 (97%)
Geography		Asian	45 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.43149	American Indian	18 (0%)
Center Longitude	-66.48925	Other/Multiracial	1,361 (13%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,132 (14.82%)
Water Area	0%	9th through 12th Grade	812 (10.63%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,542 (33.28%)
Less than \$15,000	1,987 (46.69%)	Some College/2-year	1,037 (13.58%)
\$15,000 - \$25,000	834 (19.6%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,447 (18.94%)
\$25,000 - \$50,000	881 (20.7%)		
\$50,000 - \$75,000	340 (7.99%)		
Greater than \$75,000	214 (5.03%)		



# Detailed Facility Report

Facility Summary

G H BASS CARIBBEAN INCORPORATED

PR-2 KM 49.3, MANATI, PR 00674

FRS (Facility Registry Service) ID: 110000747540

EPA Region: 02

Latitude: 18.428264

Longitude: -66.497315

Locational Data Source: TRIS

Industries: Leather and Allied Product Manufacturing

Indian Country: N

## Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	08/07/2001
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, (PRD091005041)

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): 00701GHBSSPOBOX

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		110000747540					N	18.428264	-66.497315
TRI	EP313	00701GHBSSPOBOX	Toxics Release Inventory	Last Reported for 1998			N	18.428264	-66.497315
RCRAInfo	RCRA	PRD091005041	Other	Inactive ( )			N	18.428264	-66.497315

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000747540	G H BASS CARIBBEAN INCORPORATED	PR-2 KM 49.3, MANATI, PR 00674	Manatí Municipio
TRI	EP313	00701GHBSSPOBOX	G H BASS CARIBBEAN INC	STATE RD #2 KM 493, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRD091005041	G H BASS CARIBBEAN INC	PR RD 2 KM 49.2, MANATI, PR 00701	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00701GHBSSPOBOX	3131	Footwear Cut Stock
TRI	00701GHBSSPOBOX	3143	Men's Footwear, Except Athletic
TRI	00701GHBSSPOBOX	3144	Women's Footwear, Except Athletic

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00701GHBSSPOBOX	316213	Men's Footwear (except Athletic) Manufacturing
TRI	00701GHBSSPOBOX	316214	Women's Footwear (except Athletic) Manufacturing
RCRAInfo	PRD091005041	316213	Men's Footwear (except Athletic) Manufacturing

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD091005041	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: PRD091005041)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
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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	6,494	Children 5 years and younger	270 (4%)
Population Density	2,097/sq.mi.	Minors 17 years and younger	988 (15%)
Housing Units in Area	3,895	Adults 18 years and older	5,504 (85%)
Percent People of Color	99%	Seniors 65 years and older	1,824 (28%)
Households in Area	2,778		
Households on Public Assistance	118	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	5,066	White	2,864 (44%)
Percent With Low Income	79%	African-American	148 (2%)
		Hispanic-Origin	6,313 (97%)
		Asian	20 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	11 (0%)
		Other/Multiracial	886 (14%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	832 (17.32%)
Center Latitude	18.428264	9th through 12th Grade	460 (9.57%)
Center Longitude	-66.497315	High School Diploma	1,598 (33.26%)
Total Area	--	Some College/2-year	663 (13.8%)
Land Area	99%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	847 (17.63%)
Water Area	1%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,353 (48.7%)		
\$15,000 - \$25,000	557 (20.05%)		
\$25,000 - \$50,000	499 (17.96%)		
\$50,000 - \$75,000	231 (8.32%)		
Greater than \$75,000	138 (4.97%)		



# Detailed Facility Report

## Facility Summary

INYX USA LTD

PR-604, SAN JOSE COTTO NORTE INDUSTRIAL PARK,  
MANATI, PR 00674

FRS (Facility Registry Service) ID: 110007807374

EPA Region: 02

Latitude: 18.4357

Longitude: -66.4885

Locational Data Source: TRIS

Industries: Chemical Manufacturing

Indian Country: N

## Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	03/23/2012
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

## Other Regulatory Reports

Air Emissions Inventory (EIS): 15516511

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): Active LQG, (PRD091101543) Toxic Releases (TRI): 00674RHNPLCALLE

Safe Drinking Water Act (SDWA): No Information Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007807374					N	18.4357	-66.4885
ICIS		31967					N	18.435278	-66.477778
EIS	CAA	15516511					N	18.4357	-66.4885
TRI	EP313	00674RHNPLCALLE	Toxics Release Inventory	Last Reported for 2005			N	18.4357	-66.4885
RCRAInfo	RCRA	PRD091101543	LQG	Active (H)			N	18.43601	-66.488028

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007807374	INYNX USA LTD	PR-604 SAN JOSE COTTO NORTE INDUSTRIAL PARK, MANATI, PR 00674	Manatí Municipio
ICIS		31967	AVENTIS PHARMACEUTICALS PR INC	RD 604 SAN JOSE COTTO, MANATI, PR 00674	Manatí Municipio
EIS	CAA	15516511	INYNX USA LTD	ROAD 604 SAN JOSE INDUSTRIAL PARK, MANATI, PR 00674	Manatí Municipio
TRI	EP313	00674RHNPLCALLE	INYNX USA LTD	SAN JOSE RD 604 COTTO NORTE INDUSTRIAL PARK, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRD091101543	INYNX USA, LTD	SAN JOSE ROAD, BDA SAN JOSE, PR 00674	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00674RHNPLCALLE	2834	Pharmaceutical Preparations

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00674RHNPLCALLE	325412	Pharmaceutical Preparation Manufacturing
EIS	15516511	325412	Pharmaceutical Preparation Manufacturing
RCRAInfo	PRD091101543	325412	Pharmaceutical Preparation Manufacturing

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD091101543	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: PRD091101543)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	9,430	Children 5 years and younger	420 (4%)
Population Density	3,031/sq.mi.	Minors 17 years and younger	1,516 (16%)
Housing Units in Area	5,279	Adults 18 years and older	7,915 (84%)
Percent People of Color	99%	Seniors 65 years and older	2,461 (26%)
Households in Area	3,910	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	241	White	4,114 (44%)
Persons With Low Income	7,336		



General Statistics (ACS (American Community Survey))	
Percent With Low Income	78%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.4357
Center Longitude	-66.4885
Total Area	--
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,808 (46.26%)
\$15,000 - \$25,000	767 (19.63%)
\$25,000 - \$50,000	787 (20.14%)
\$50,000 - \$75,000	321 (8.21%)
Greater than \$75,000	225 (5.76%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
African-American	294 (3%)
Hispanic-Origin	9,095 (96%)
Asian	42 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	5 (0%)
Other/Multiracial	1,279 (14%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,082 (15.32%)
9th through 12th Grade	808 (11.44%)
High School Diploma	2,276 (32.22%)
Some College/2-year	910 (12.88%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,375 (19.47%)



# Detailed Facility Report

## Facility Summary

MANATI

10 CALLE QUINONEZ, MANATI, PR 00674

FRS (Facility Registry Service) ID: 110054103153

EPA Region: 02

Latitude: 18.42743

Longitude: -66.49301

Locational Data Source: FRS

Industries: --

Indian Country: N

## Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	09/18/2024
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Expired (PRR040042)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

## Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110054103153					N	18.42743	-66.49301
ICIS-NPDES	CWA	PRR040042	Non-Major: General Permit Covered Facility	Expired	Urban Stormwater (Small MS4)	06/30/2021	N	18.42743	-66.49301

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110054103153	MANATI	10 CALLE QUINONEZ, MANATI, PR 00674	

System	Statute	Identifier	Facility Name	Facility Address	Facility County
ICIS-NPDES	CWA	PRR040042	MANATI	10 CALLE QUINONEZ, MANATI, PR 00674	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description
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No data records returned

No data records returned

Facility Industrial Effluent Guidelines

Facility Tribe Information

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description	Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

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	PRR040042	ICIS-NPDES	Inspection/Evaluation	Base Program, SSO, Urban Stormwater (MS4) - Evaluation	EPA	09/18/2024	

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR040042	No	12/31/2024	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
CWA (Source ID: PRR040042)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Quarterly Noncompliance Report History											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100020210	Rio Grande de Manatí	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2024	PRNR8A1	RIO GRANDE DE MANATI	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   PATHOGENS   PH/ACIDITY/CAUSTIC CONDITIONS   TEMPERATURE   TURBIDITY	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

Pollutant Loadings

NPDES ID	Description
No data records returned	

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	8,900	Children 5 years and younger	396 (4%)
Population Density	2,867/sq.mi.	Minors 17 years and younger	1,469 (17%)
Housing Units in Area	5,113	Adults 18 years and older	7,430 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,391 (27%)
Households in Area	3,726		
Households on Public Assistance	199		
Persons With Low Income	6,989		
Percent With Low Income	79%		
Geography		Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	White	3,790 (43%)
Center Latitude	18.42743	African-American	253 (3%)
Center Longitude	-66.49301	Hispanic-Origin	8,691 (98%)
Total Area	--	Asian	35 (0%)
Land Area	99%	Hawaiian/Pacific Islander	0 (0%)
Water Area	1%	American Indian	24 (0%)
		Other/Multiracial	1,161 (13%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than \$15,000	1,725 (46.32%)	Less than 9th Grade	1,037 (15.78%)
\$15,000 - \$25,000	754 (20.25%)	9th through 12th Grade	627 (9.54%)
\$25,000 - \$50,000	753 (20.22%)	High School Diploma	2,199 (33.47%)
\$50,000 - \$75,000	308 (8.27%)	Some College/2-year	921 (14.02%)
Greater than \$75,000	184 (4.94%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,239 (18.86%)





# Detailed Facility Report

Facility Summary  
**MANATI MEDICAL CENTER - DR OTERO LOPEZ**  
**668 CALLE HERNANDEZ CARRION, MANATI, PR 00674**  
**FRS (Facility Registry Service) ID:** 110007812947  
**EPA Region:** 02  
**Latitude:** 18.4336  
**Longitude:** -66.4836  
**Locational Data Source:** EIS  
**Industries:** Hospitals  
**Indian Country:** N

## Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	11/14/2005
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

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

## Other Regulatory Reports

**Air Emissions Inventory (EIS):** 11421611  
**Greenhouse Gas Emissions (eGGRT):** No Information

Resource Conservation and Recovery Act (RCRA): Active SQG, (PRD987381266) Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007812947					N	18.4336	-66.4836
EIS	CAA	11421611					N	18.4336	-66.4836
RCRAInfo	RCRA	PRD987381266	SQG	Active (H)			N	18.435964	-66.480718

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007812947	MANATI MEDICAL CENTER - DR OTERO LOPEZ	668 CALLE HERNANDEZ CARRION, MANATI, PR 00674	Manatí Municipio
EIS	CAA	11421611	HOSPITAL ALEJANDRO OTERO LOPEZ	UNKNOWN, MANATI, PR 00000	Manatí Municipio
RCRAInfo	RCRA	PRD987381266	MANATI MEDICAL CENTER	CARR 668 CALLE HERNANDEZ CARRION URB ATENAS, MANATI, PR 00674	Manatí 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
EIS	11421611	488119	Other Airport Operations
RCRAInfo	PRD987381266	622110	General Medical and Surgical Hospitals

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	PRD987381266	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: PRD987381266)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 3/1/2025)

Source ID	Waste Description	2022	2023	2024	2025
PRD987381266	Hazardous Waste	880 - 1,043	839 - 1,089	1,002 - 1,184	--
PRD987381266	Acute Hazardous Waste	0	0	0	--
PRD987381266	Pharmaceutical Hazardous Waste	0 - 163	0 - 249	0 - 181	--

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

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	11,656	Children 5 years and younger	538 (5%)
Population Density	3,744/sq.mi.	Minors 17 years and younger	1,989 (17%)

General Statistics (ACS (American Community Survey))	
Housing Units in Area	6,350
Percent People of Color	99%
Households in Area	4,740
Households on Public Assistance	315
Persons With Low Income	9,328
Percent With Low Income	81%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.4336
Center Longitude	-66.4836
Total Area	--
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,213 (46.71%)
\$15,000 - \$25,000	896 (18.91%)
\$25,000 - \$50,000	1,031 (21.76%)
\$50,000 - \$75,000	362 (7.64%)
Greater than \$75,000	236 (4.98%)
Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Adults 18 years and older	9,668 (83%)
Seniors 65 years and older	2,891 (25%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	4,920 (42%)
African-American	378 (3%)
Hispanic-Origin	11,330 (97%)
Asian	46 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	13 (0%)
Other/Multiracial	1,507 (13%)
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,168 (13.53%)
9th through 12th Grade	957 (11.08%)
High School Diploma	2,841 (32.9%)
Some College/2-year	1,206 (13.97%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,714 (19.85%)



# Detailed Facility Report

## Facility Summary

MANATI STP

STATE RD 2 KM 50.2, MANATI, PR 00701

FRS (Facility Registry Service) ID: 110007804359

EPA Region: 02

Latitude: 18.430306

Longitude: -66.492025

Locational Data Source: RCRAINFO

Industries: Utilities

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, (PRD000689760)

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		110007804359					N	18.430306	-66.492025
RCRAInfo	RCRA	PRD000689760	Other	Inactive ( )			N	18.430306	-66.492025



Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007804359	MANATI STP	STATE RD 2 KM 50.2, MANATI, PR 00701	Manatí Municipio
RCRAInfo	RCRA	PRD000689760	MANATI STP	STATE RD 2 KM 50.2, MANATI, PR 00701	Manatí 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	PRD000689760	22132	Sewage Treatment Facilities

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	PRD000689760	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: PRD000689760)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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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
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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	8,876	Children 5 years and younger	396 (4%)
Population Density	2,857/sq.mi.	Minors 17 years and younger	1,438 (16%)
Housing Units in Area	5,085	Adults 18 years and older	7,437 (84%)
Percent People of Color	99%	Seniors 65 years and older	2,386 (27%)
Households in Area	3,711		
Households on Public Assistance	210	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	6,945	White	3,813 (43%)
Percent With Low Income	79%	African-American	266 (3%)
		Hispanic-Origin	8,624 (97%)
		Asian	38 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	18 (0%)
		Other/Multiracial	1,200 (14%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	1,045 (15.84%)
Center Latitude	18.430306	9th through 12th Grade	682 (10.34%)
Center Longitude	-66.492025	High School Diploma	2,161 (32.75%)
Total Area	--	Some College/2-year	891 (13.5%)
Land Area	100%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,254 (19.01%)
Water Area	0%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,719 (46.31%)		
\$15,000 - \$25,000	744 (20.04%)		
\$25,000 - \$50,000	744 (20.04%)		
\$50,000 - \$75,000	317 (8.54%)		
Greater than \$75,000	188 (5.06%)		



# Detailed Facility Report

## Facility Summary

**NORTHWEST PATHOLOGY SERVICES**

**220 RD 2 TORRE MEDICA I STE 316, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110070124248

**EPA Region:** 02

**Latitude:** 18.432274

**Longitude:** -66.486886

**Locational Data Source:** RCRAINFO

**Industries:** Hospitals

**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, (PRR000025981)

**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		110070124248					N	18.432274	-66.486886
RCRAInfo	RCRA	PRR000025981	SQG	Active (H)			N	18.432274	-66.486886

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070124248	NORTHWEST PATHOLOGY SERVICES	220 RD 2 TORRE MEDICA I STE 316, MANATI, PR 00674	Manatí Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
RCRAInfo	RCRA	PRR000025981	NORTHWEST PATHOLOGY SERVICES	220 RD 2 TORRE MEDICA I STE 316, MANATI, PR 00674	Manatí 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	PRR000025981	622110	General Medical and Surgical Hospitals

## Facility Tribe Information

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

### Enforcement and Compliance

## Compliance Monitoring History

Last 5 Years

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

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

## Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000025981	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: PRR000025981)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

## Informal Enforcement Actions

Last 5 Years

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

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

## Formal Enforcement Actions

Last 5 Years

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

### Environmental Conditions

## Watersheds

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

## Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 3/1/2025)

Source ID	Waste Description	2022	2023	2024	2025
PRR000025981	Hazardous Waste	7,285	7,257	7,620	--
PRR000025981	Acute Hazardous Waste	0	0	0	--
PRR000025981	Pharmaceutical Hazardous Waste	0	0	0	--

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

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	11,203	Children 5 years and younger	530 (5%)
Population Density	3,596/sq.mi.	Minors 17 years and younger	1,927 (17%)
Housing Units in Area	6,172	Adults 18 years and older	9,277 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,814 (25%)
Households in Area	4,580		
Households on Public Assistance	294	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	8,954	White	4,693 (42%)
Percent With Low Income	80%	African-American	361 (3%)
		Hispanic-Origin	10,882 (97%)
		Asian	46 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	17 (0%)
		Other/Multiracial	1,453 (13%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	1,162 (14.02%)
Center Latitude	18.432274	9th through 12th Grade	886 (10.69%)
Center Longitude	-66.486886	High School Diploma	2,772 (33.43%)
Total Area	--	Some College/2-year	1,145 (13.81%)
Land Area	100%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,593 (19.21%)
Water Area	0%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	2,145 (46.82%)		
\$15,000 - \$25,000	879 (19.19%)		
\$25,000 - \$50,000	971 (21.2%)		
\$50,000 - \$75,000	355 (7.75%)		



Income Breakdown (ACS (American Community Survey)) - Households (%)	
Greater than \$75,000	231 (5.04%)

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# Detailed Facility Report

Facility Summary  
**SHELL CO PR LTD SS 0990**

**62 CELIS AGUILERA ST, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110004892732

**EPA Region:** 02

**Latitude:** 18.42636

**Longitude:** -66.49066

**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, (PRR000004150), Inactive Other, (PRR000005355)  
**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		110004892732					N	18.42636	-66.49066
ICIS		1400005322					N	18.426389	-66.490833
RCRAInfo	RCRA	PRR000004150	Other	Inactive ( )			N	18.427486	-66.491577
RCRAInfo	RCRA	PRR000005355	Other	Inactive ( )			N	18.427486	-66.491577

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892732	SHELL CO PR LTD SS 0990	62 CELIS AGUILERA ST, MANATI, PR 00674	Manatí Municipio
ICIS		1400005322	SHELL #990	CELIS AGUILERA ST #62, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRR000004150	SHELL SS 0990	CELIS AGUILERA 62, MANATI, PR 00674-5914	Manatí Municipio
RCRAInfo	RCRA	PRR000005355	SHELL CO PR LTD SS 0990	62 CELIS AGUILERA ST, MANATI, PR 00674-5914	Manatí 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	PRR000004150	No	05/31/2025	0	05/30/2025
RCRA	PRR000005355	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: PRR000004150)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										
RCRA (Source ID: PRR000005355)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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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
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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/dfp-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	10,631	Children 5 years and younger	486 (5%)
Population Density	3,421/sq.mi.	Minors 17 years and younger	1,879 (18%)
Housing Units in Area	5,954	Adults 18 years and older	8,754 (82%)
Percent People of Color	99%	Seniors 65 years and older	2,741 (26%)
Households in Area	4,401	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	254	White	4,460 (42%)
Persons With Low Income	8,442	African-American	320 (3%)
Percent With Low Income	80%	Hispanic-Origin	10,401 (98%)
Geography		Asian	43 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.42636	American Indian	26 (0%)
Center Longitude	-66.49066	Other/Multiracial	1,300 (12%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,163 (14.91%)
Water Area	0%	9th through 12th Grade	718 (9.2%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,673 (34.26%)
Less than \$15,000	2,019 (45.88%)	Some College/2-year	1,117 (14.32%)
\$15,000 - \$25,000	891 (20.25%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,477 (18.93%)
\$25,000 - \$50,000	943 (21.43%)		
\$50,000 - \$75,000	322 (7.32%)		

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Greater than \$75,000	226 (5.14%)

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# Detailed Facility Report

Facility Summary

**SHELL CO PR LTD SS 804363 MANATI**

**PR-2 KM 50.2, MANATI, PR 00674**

**FRS (Facility Registry Service) ID:** 110007818086

**EPA Region:** 02

**Latitude:** 18.430306

**Longitude:** -66.492025

**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	01/13/1998
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, (PRR000004127), Inactive Other, (PRO007000581)

**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		110007818086					N	18.430306	-66.492025
RCRAInfo	RCRA	PRR000004127	Other	Inactive ( )			N	18.430306	-66.492025
RCRAInfo	RCRA	PRO007000581	Other	Inactive ( )			N	18.430306	-66.492025

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007818086	SHELL CO PR LTD SS 804363 MANATI	PR-2 KM 50.2, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRR000004127	SHELL CO PR LTD SS 804363 MANATI	RD PR 2 KM 50.2, MANATI, PR 00674	Manatí Municipio
RCRAInfo	RCRA	PRO007000581	SHELL	CARR 2 KM 50.2, MANATI, PR 00674	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000004127	No	05/31/2025	0	05/30/2025
RCRA	PRO007000581	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: PRR0007000581)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											
RCRA (Source ID: PRR000004127)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
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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/dfp-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	8,876	Children 5 years and younger	396 (4%)
Population Density	2,857/sq.mi.	Minors 17 years and younger	1,438 (16%)
Housing Units in Area	5,085	Adults 18 years and older	7,437 (84%)
Percent People of Color	99%	Seniors 65 years and older	2,386 (27%)
Households in Area	3,711		
Households on Public Assistance	210	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	6,945	White	3,813 (43%)
Percent With Low Income	79%	African-American	266 (3%)
		Hispanic-Origin	8,624 (97%)
		Asian	38 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	18 (0%)
		Other/Multiracial	1,200 (14%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	1,045 (15.84%)
Center Latitude	18.430306	9th through 12th Grade	682 (10.34%)
Center Longitude	-66.492025	High School Diploma	2,161 (32.75%)
Total Area	--	Some College/2-year	891 (13.5%)
Land Area	100%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,254 (19.01%)
Water Area	0%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,719 (46.31%)		
\$15,000 - \$25,000	744 (20.04%)		
\$25,000 - \$50,000	744 (20.04%)		
\$50,000 - \$75,000	317 (8.54%)		

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Greater than \$75,000	188 (5.06%)

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# Detailed Facility Report

## Facility Summary

WESTERN AUTO

VILLA MARIA SHOPPING CENTER, MANATI, PR 00701

FRS (Facility Registry Service) ID: 110007814339

EPA Region: 02

Latitude: 18.43149

Longitude: -66.48925

Locational Data Source: FRS

Industries: --

Indian Country: N

## Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	10/30/1996
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRO007000540)

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		110007814339					N	18.43149	-66.48925
RCRAInfo	RCRA	PRO007000540	Other	Inactive ( )			N		



Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007814339	WESTERN AUTO	VILLA MARIA SHOPPING CENTER, MANATI, PR 00701	Manatí Municipio
RCRAInfo	RCRA	PRO007000540	WESTERN AUTO	VILLA MARIA SHOPPING CENTER, MANATI, PR 00701	Manatí Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRO007000540	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: PRO007000540)	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

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	10,306	Children 5 years and younger	487 (5%)
Population Density	3,312/sq.mi.	Minors 17 years and younger	1,753 (17%)
Housing Units in Area	5,769	Adults 18 years and older	8,555 (83%)
Percent People of Color	99%	Seniors 65 years and older	2,658 (26%)
Households in Area	4,257	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	266	White	4,353 (42%)
Persons With Low Income	8,184	African-American	331 (3%)
Percent With Low Income	80%	Hispanic-Origin	10,008 (97%)
Geography		Asian	45 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.43149	American Indian	18 (0%)
Center Longitude	-66.48925	Other/Multiracial	1,361 (13%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	Less than 9th Grade	1,132 (14.82%)
Water Area	0%	9th through 12th Grade	812 (10.63%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,542 (33.28%)
Less than \$15,000	1,987 (46.69%)	Some College/2-year	1,037 (13.58%)
\$15,000 - \$25,000	834 (19.6%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,447 (18.94%)
\$25,000 - \$50,000	881 (20.7%)		
\$50,000 - \$75,000	340 (7.99%)		
Greater than \$75,000	214 (5.03%)		

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

Date: April 21, 2025

Applicant ID: PR-ESP-00139

Street Address: 1 D2 Villa Maria, Manati PR, 00674

Municipality: Manati

RE: No Effect Determination for PR-ESP-00139

## 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-00139, located at 1 D2 Villa Maria, Manati PR, 00674 (Parcel ID# 056-012-139-02-001) 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 Manati, 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: 18.430947, Longitude: -66.489996 (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
Palo De Rosa ( <i>Ottoschulzia rhodoxylon</i> )	Threatened

Critical Habitat
None.

### Existing Conditions:

The project area where the activities will be taking place consists of approximately 0.10-acres of land located at 1 D2 Villa Maria, Manati PR, 00674. According to the U.S. Geological Survey National Land Cover Database (NLCD) (Appendix A, Figure 4) the majority of the project area consists of a medium to high intensity developed land. According to historic imagery on Earth Explorer, the parcel has been developed and includes a structure since 1967. 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 72000C0290J dated 11/18/2009 (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, Unnamed creek approximately 1,474 feet to the Southwest of the proposed project location. 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 3, 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
Palo De Rosa ( <i>Ottoschulzia rhodoxylon</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 (see Appendix D for citations). The IPaC Determination Key (Dkey) for the Puerto Rican Boa, dated March 7, 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). For the Palo de Ramon species, it was determined that it will have a 'No Effect' since, being a completely developed place, there is no suitable habitat for this species.

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.



## Palo De Rosa (*Ottoschulzia rhodoxylon*)

The habitat of the palo de rosa along the south coast of Puerto Rico includes moist drainages and rivers on serpentine soils within the Susúa Commonwealth Fore. In addition, the palo de rosa subpopulations found within the dry limestone forests along the southern coast of Puerto Rico occur at the bottom of forested ravines (see Appendix D for citations). This species was not addressed in the Dkey responses. Nonetheless, it was concluded that it would have 'No Effect' due to the area being fully developed without a suitable habitat for this species.



---

Patricia Carmenatty / Senior Biologist

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April 21, 2025

Date

## **Appendix A: Figures**

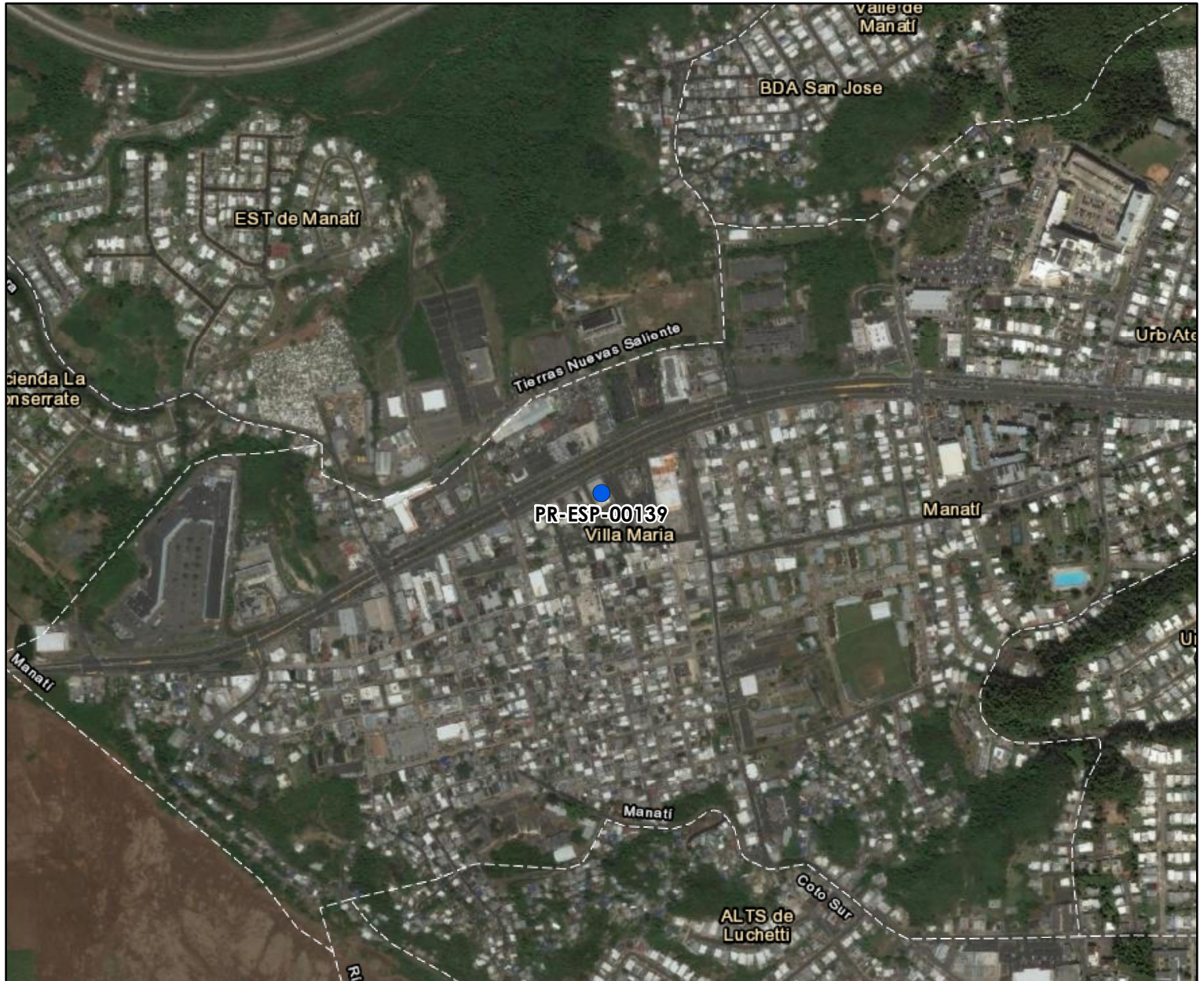
Figure 1

# Location: Aerial Map

Electrical Power Reliability and Resilience Program (ER2)

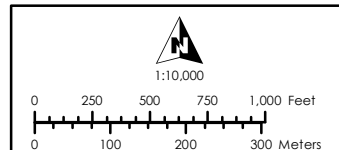
Laboratorio Clínico Griselle  
1 D2 Villa María,  
Manatí PR 00674

Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

● PR-ESP-00139



### 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

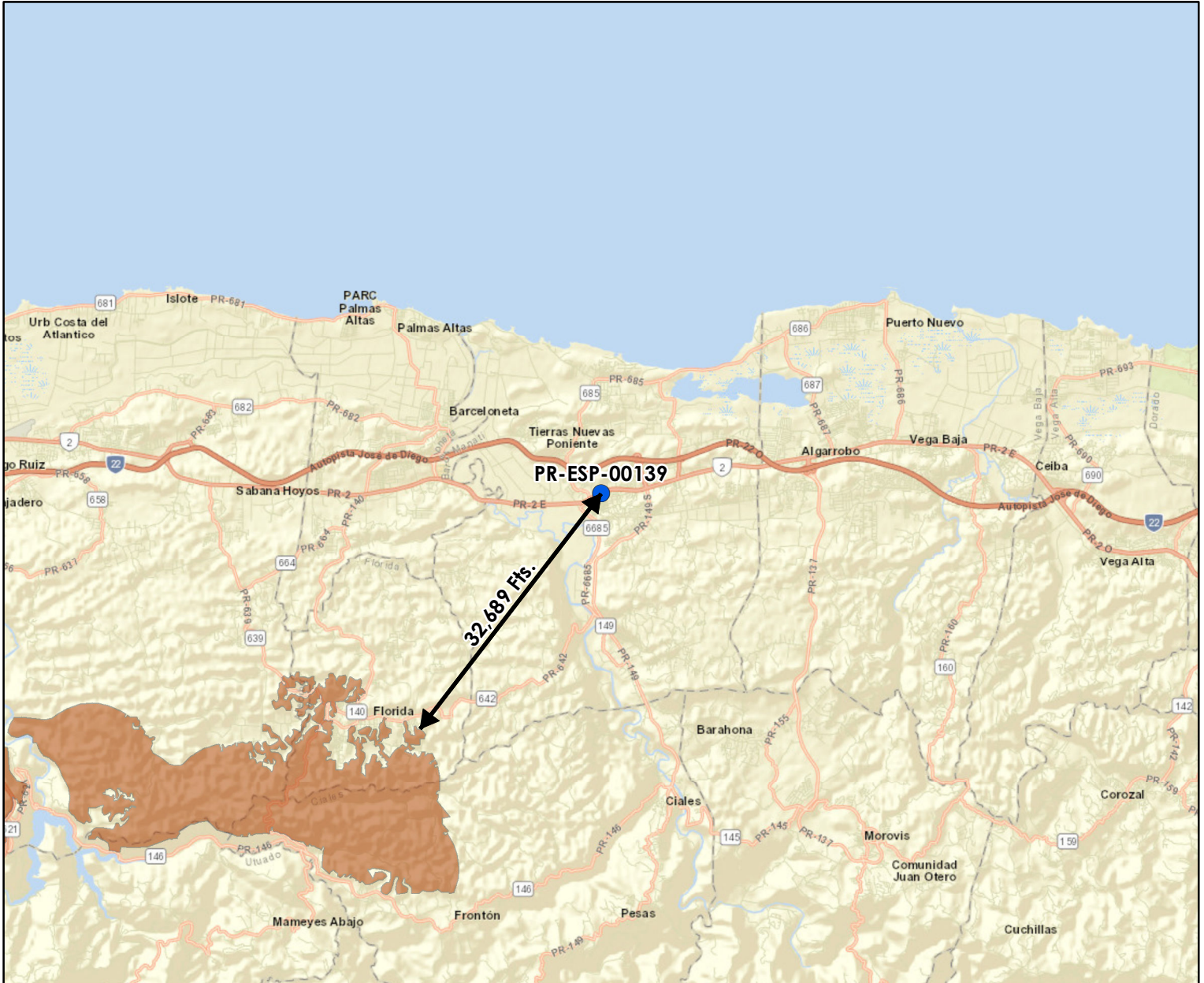
### Source:

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



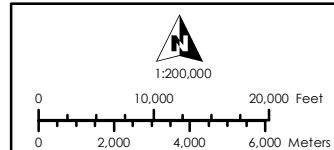
Figure 2  
**Threatened and Endangered Species Map**  
Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



**Legend:**

- PR-ESP-00139
- Critical Habitat



**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:**

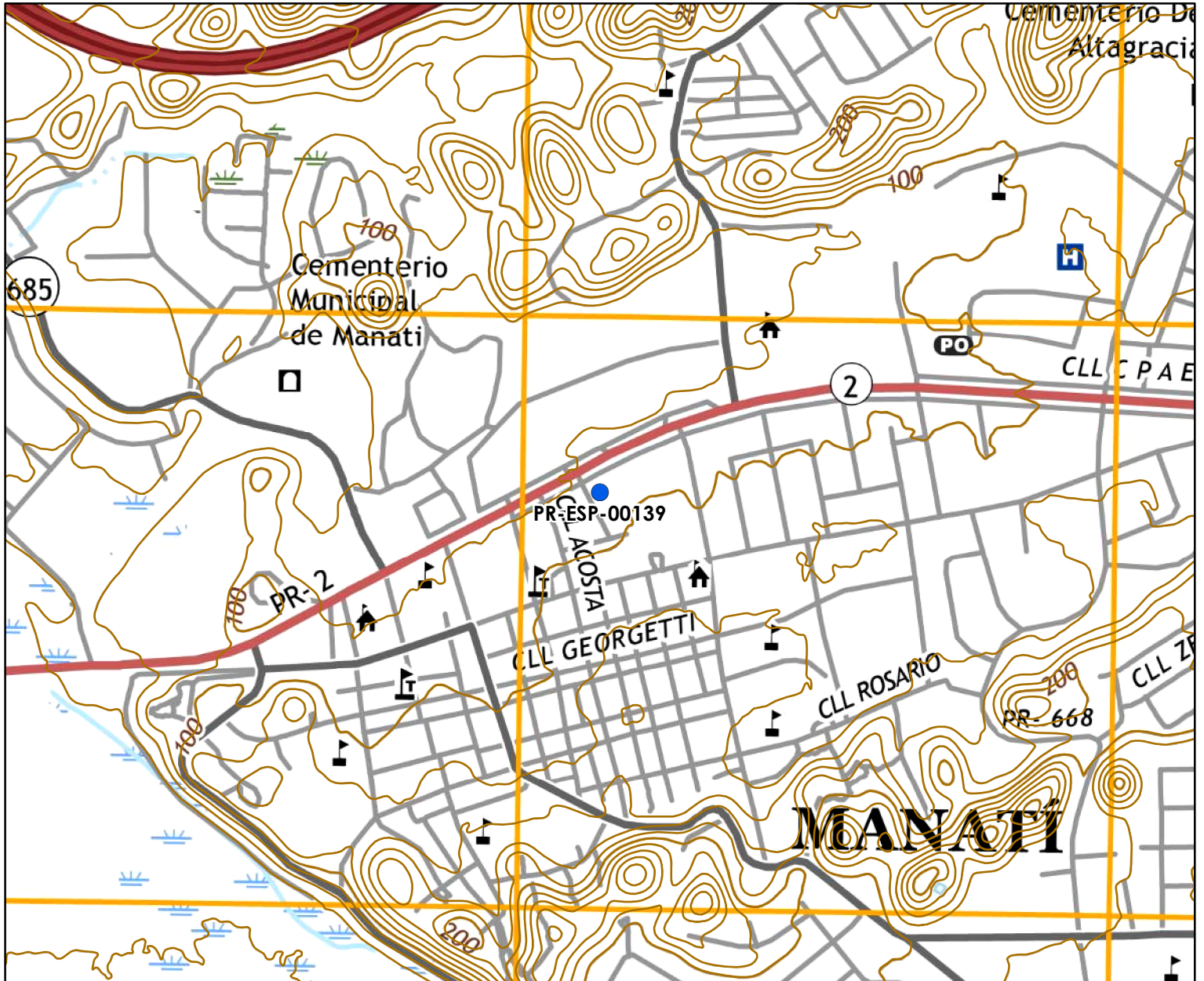
NOAA Office of Response and Restoration  
<https://response.restoration.noaa.gov/>

Figure 3

# Location: Topographic Map

Electrical Power Reliability and Resilience Program (ER2)

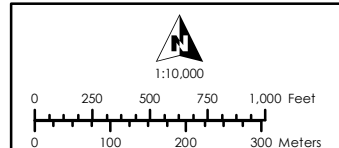
Laboratorio Clínico Griselle  
1 D2 Villa María,  
Manatí PR 00674  
Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- Elev\_Contour

Quadrangle: Manatí



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)

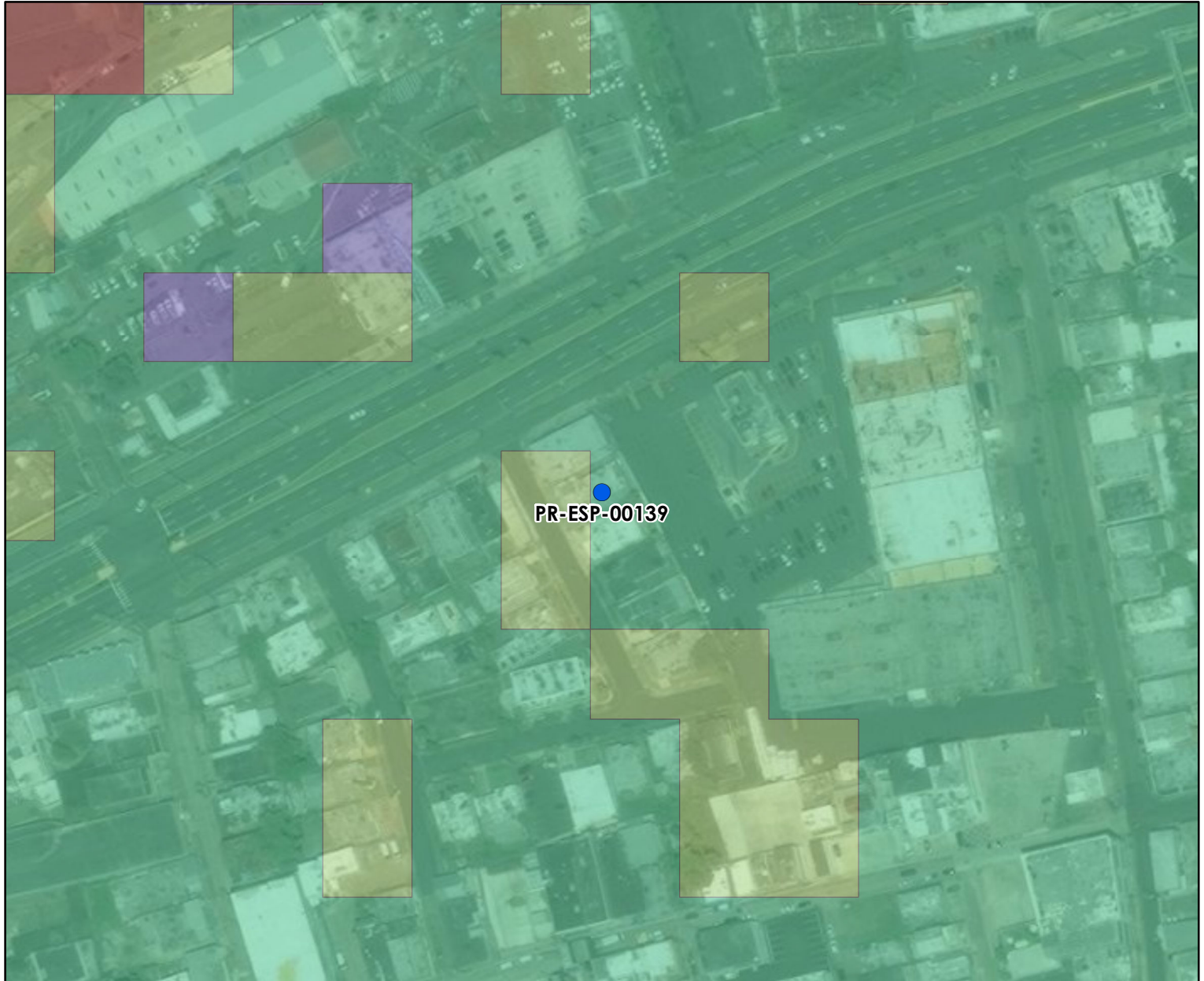
Laboratorio Clínico Griselle

1 D2 Villa María,

Manatí PR 00674

Catastro: 056-012-139-02-001

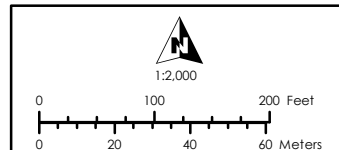
Lat: 18.430947, Lon: -66.489996



## Legend:

● PR-ESP-00139

- Bare Land
- High Intensity Developed
- Low Intensity Developed
- Medium Intensity Developed
- Scrub/Shrub



### 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 5

# Flood Insurance Rate Map

Electrical Power Reliability and Resilience Program (ER2)

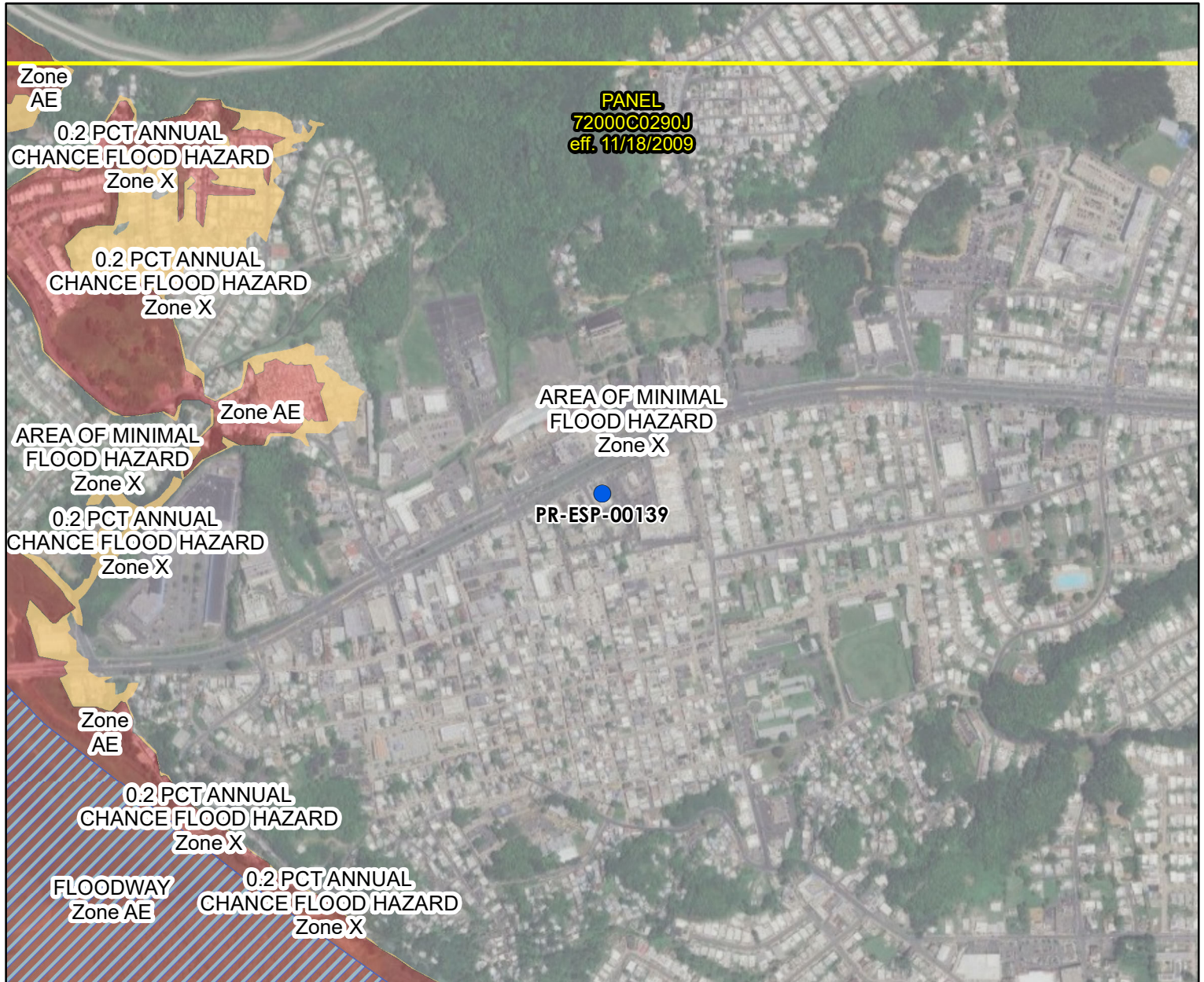
Laboratorio Clínico Griselle

1 D2 Villa María,

Manatí PR 00674

Catastro: 056-012-139-02-001

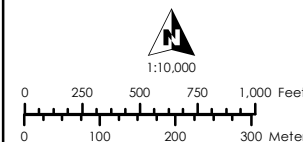
Lat: 18.430947, Lon: -66.489996



## Legend:

- PR-ESP-00139
- 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:

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 6

# Advisory Base Flood Elevation Map

Electrical Power Reliability and Resilience Program (ER2)

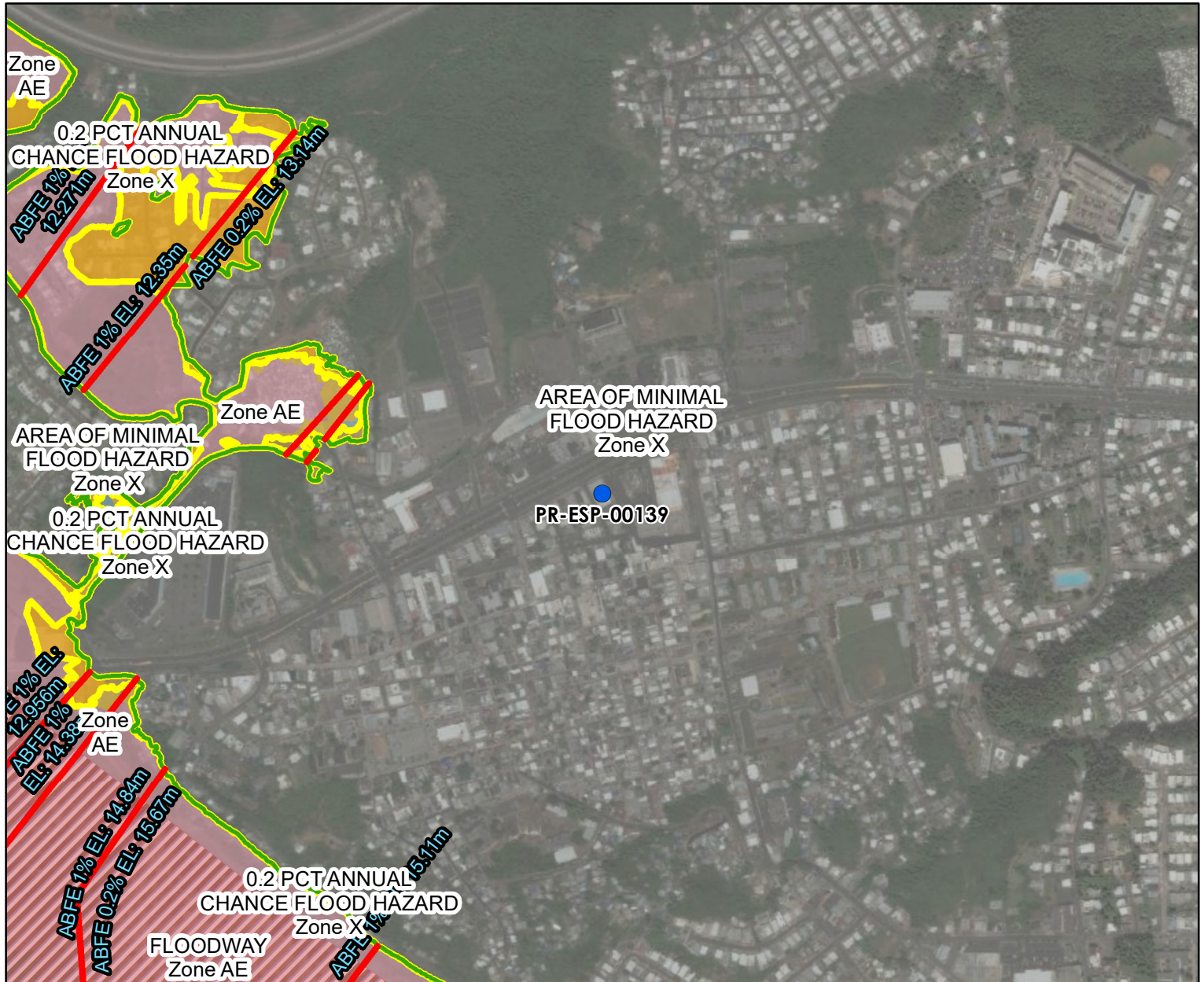
Laboratorio Clínico Griselle

1 D2 Villa María,

Manatí PR 00674

Catastro: 056-012-139-02-001

Lat: 18.430947, Lon: -66.489996

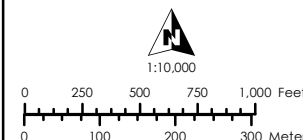


## Legend:

- PR-ESP-00139
- Area Potential Effect (Building Footprint)
- CRIM-Parcel
- Advisory Base Flood Elevations (ABFE)
- 0.2 % Annual Chance Flood
- 1 % Annual Chance Flood

## Flood Zone

- Zone A
- Zone AE
- Zone AO
- Zone VE
- Zone X - Area of Minimal Flood Hazard
- 0.2 % Annual Chance Flood
- 1 % Annual Chance Flood
- Floodway



## 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 Planificación de Puerto Rico (JP), <https://maps.jp.pr.gov/>  
Mapas de Niveles de Inundación Base Recomendados



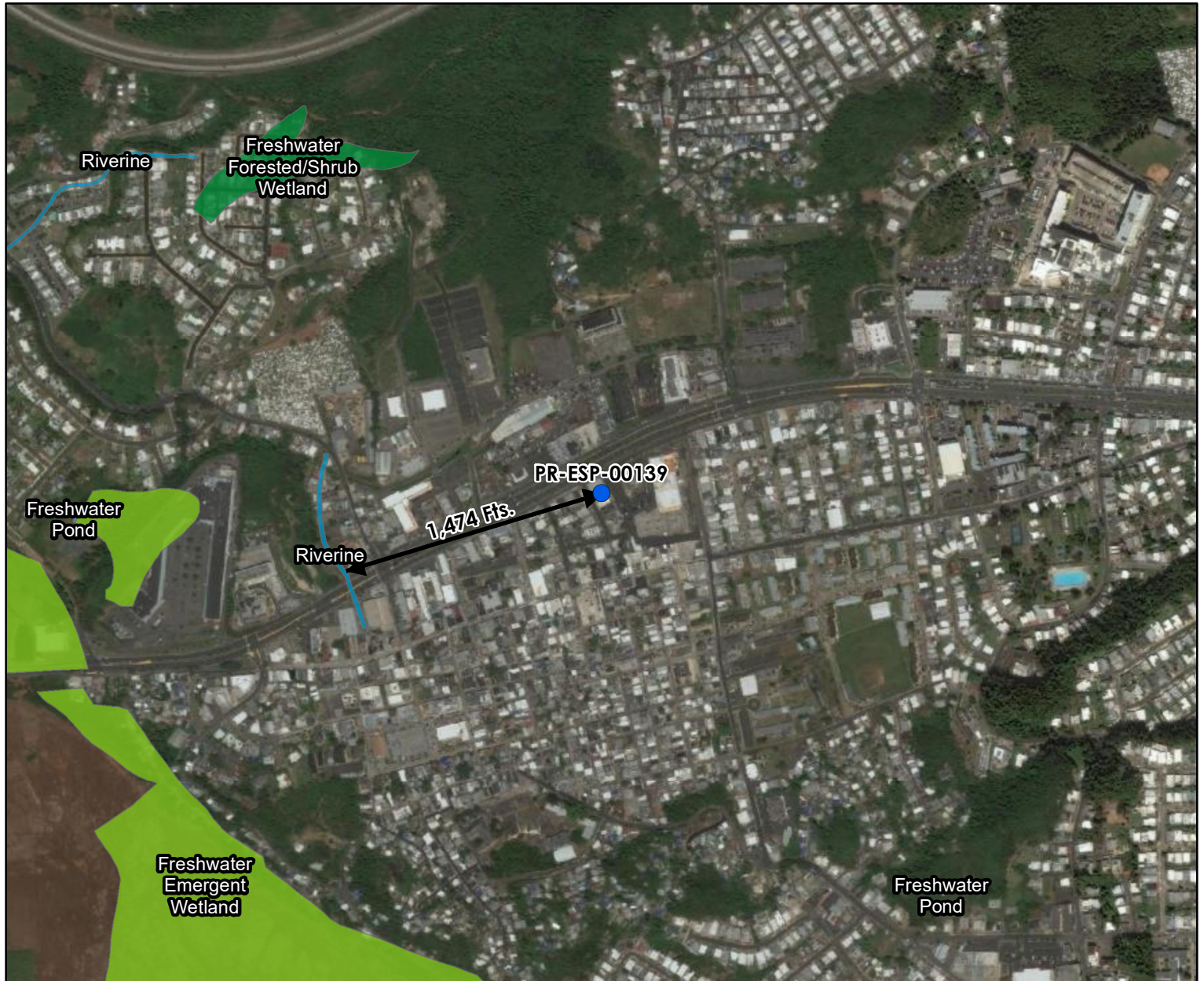
Figure 7

# Wetlands Map

Electrical Power Reliability and Resilience Program (ER2)

Laboratorio Clínico Griselle  
1 D2 Villa María,  
Manatí PR 00674

Catastro: 056-012-139-02-001  
Lat: 18.430947, Lon: -66.489996

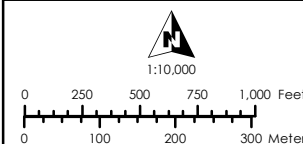


## Legend:

● PR-ESP-00139

### National Wetlands Inventory

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



### 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-00139**

APPLICANT/LOCATION INFORMATION		
Applicant ID:	PR-ESP-00139	
Applicant Name:	Laboratorio Clínico Griselle	
Parcel ID:	056-012-139-02-001	
Coordinates:	18.430947, -66.489996	
Street Address:	1 D2 Villa Maria	
Municipio:	Manatí	
Zip Code:	00674	
Site Inspector:	Egon Gonzalez	
Date of Visit:	March 3, 2025	
Time of Visit:	13:38	
Year Built:	Circa 1960	

Building Information		
Question	Answer	Notes
1. Location verified:	Yes	18.430947, -66.489996
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	Attached concrete garage
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?	Yes	(2) 55gal Drums located in concrete garage
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?		
5) Are there any potentially hazardous trees that could fall?		
6) Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
7) Is there distressed vegetation on the parcel?		
8) Are any additional environmental or non-environmental site hazards observed?		
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?	No	
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 3, 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: North

Comments:





**Back of Structure**

Photo Direction: North

Comments:



**Facing Away from Back**

Photo Direction: East

Comments:





**Side #2 of Structure**

Photo Direction: East

Comments:



**Facing Away from Side #2**

Photo Direction: East

Comments:



### Streetscape #1

Photo Direction: South

Comments:



### Streetscape #2

Photo Direction: North

Comments:



Address	
Photo Direction:	
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: Attached concrete garage



### Architectural Details 4

Photo Direction:

Photo Description: (2) 55gal Drums located in attached concrete garage



### Architectural Details 5

Photo Direction:

Photo Description: Additional left side view of structure



### Architectural Details 6

Photo Direction:

Photo Description: General interior view





### Architectural Details 7

Photo Direction:

Photo Description: General interior view



### Architectural Details 8

Photo Direction:

Photo Description: Additional left side view



## **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:

03/07/2025 14:25:51 UTC

Project Code: 2025-0065617

Project Name: PR-ESP-00139

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: 2025-0065617  
Project Name: PR-ESP-00139  
Project Type: Power Gen - Solar  
Project Description: Laboratorio Clínico Griselle  
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4309296,-66.48997535793781,14z>



Counties: Manatí County, Puerto Rico

## ENDANGERED SPECIES ACT SPECIES

There is a total of 2 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.</p> <p>Species profile: <a href="https://ecos.fws.gov/ecp/species/6628">https://ecos.fws.gov/ecp/species/6628</a></p> <p>General project design guidelines:</p> <p><a href="https://ipac.ecosphere.fws.gov/project/MTJSQ5OZ5BH3DHV3SLPYEAQ7TY/documents/generated/7159.pdf">https://ipac.ecosphere.fws.gov/project/MTJSQ5OZ5BH3DHV3SLPYEAQ7TY/documents/generated/7159.pdf</a></p>	Endangered

## FLOWERING PLANTS

NAME	STATUS
<p>Palo De Rosa <i>Ottoschulzia rhodoxylon</i></p> <p>No critical habitat has been designated for this species.</p> <p>Species profile: <a href="https://ecos.fws.gov/ecp/species/5741">https://ecos.fws.gov/ecp/species/5741</a></p>	Threatened

## 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 and Golden Eagles are protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act (MBTA). Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

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 conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

## 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)

THERE ARE NO FWS MIGRATORY BIRDS OF CONCERN WITHIN THE VICINITY OF YOUR PROJECT AREA.

## 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



## 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: 2025-0065617  
Project Name: PR-ESP-00139

03/07/2025 14:29:15 UTC

Subject: Technical Assistance letter for the project named 'PR-ESP-00139' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On March 07, 2025, Patricia Carmenatty used the Caribbean DKey; dated January 03, 2025, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-ESP-00139'. The project is located in Manatí County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4309296,-66.48997535793781,14z>



The following description was provided for the project 'PR-ESP-00139':

### Laboratorio Clínico Griselle

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) to determine whether the consultation needs to be reinitiated.

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion. Effects to the other federally listed species or critical habitat as listed below should be considered as part of your ESA review for the project.

- Palo De Rosa *Ottoschulzia rhodoxylon* Threatened

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-00139

### 2. Description

The following description was provided for the project 'PR-ESP-00139':

Laboratorio Clínico Griselle

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4309296,-66.48997535793781,14z>



## 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](mailto: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 #s: (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



Image Details



## FWS Focus

## Overview

Status: Threatened (reclassified on 11/4/2022)

*Ottoschulzia rhodoxylon*, commonly known as "palo de rosa" due to its pink colored wood, reaches up to approximately 49 feet in height. Its trunk can reach 16 inches in diameter. The leaves are alternate, elliptical or ovate, coriaceous and glossy with a slightly white margin. The flowers of this genus are small and composed of five sepals united at the base, and a corolla with a short tube in the shape of a cup and five lobes. The fruit is about 0.98 inches long and 0.86 inches wide, smooth and with a thin cover that turns dark purple when ripe.

## Threats

Although limited species distribution is no longer considered an imminent threat, the species still faces threats related to habitat destruction and modification in privately-owned lands (particularly along the northern coast of Puerto Rico), and other natural or manmade factors such as hurricanes, [climate change](#), and habitat encroachment by invasive plant species. Furthermore, there are biological and ecological limiting factors for the species, such as populations consisting of isolated trees and the requirement of cross-pollination (transfer of pollen from the flowers of one individual to neighboring trees) to maintain viable populations. This is exacerbated by slow growth of the species seedlings, and the species' sporadic flowering and fruit production, which results in a low recruitment rate. Nonetheless, the slow growth of this tree and its reproductive biology suggest that palo de rosa is a late successional species, whose saplings stage might be prolonged under closed canopy conditions until a natural disturbance induces favorable conditions for their development to adulthood.

# Conservation measures

The Service, in collaboration with several partners, is implementing recovery actions for palo de rosa. Among these conservation efforts are the propagation of the species in nurseries, the protection of the species in private lands, and the incorporation of protective measures for the species in public forests.

Nevertheless, to recover palo de rosa from a landscape perspective, we will need to increase our collaboration and partnership efforts with private landowners through outreach, and work with Puerto Rico Department of Natural and Environmental Resources in developing conservation strategies and recommendations when evaluating urban and infrastructure development projects that could affect these subpopulations. Such conservation measures should include the maintenance and enhancement of effective forested buffer areas and corridors to provide connectivity between subpopulations and to secure the microhabitat conditions necessary to sustain a viable population (e.g., maintaining recruitment).

## Scientific Name

*Ottoschulzia rhodoxylon*

## Common Name

Palo de rosa

## FWS Category

Flowering Plants


## Kingdom


*Plantae*

## Location in Taxonomic Tree ()

Genus
↳ <i>Ottoschulzia</i>
Species
↳ <i>Ottoschulzia rhodoxylon</i>

# Identification Numbers

TSN:  ()

195963 

# Characteristics

LIFE CYCLE



Reproduction



The flowering and fruiting of this species are infrequent and, therefore, not clearly understood. Available data suggests that palo de rosa relies on scattered flowering events, the events are not synchronized among subpopulations, and depend on seasonal rain events. Due to current population locations on the tops of limestone hills, it has been suggested that the seeds were once dispersed by an animal. However, no dispersers have been identified. Clustering of seeds around the mature plants suggest seeds are not being dispersed by any mechanisms other than gravity.

## HABITAT



### Habitat

The habitat of the palo de rosa along the south coast of Puerto Rico includes moist drainages and rivers on serpentine soils within the Susúa Commonwealth Forest (SCF). In addition, the palo de rosa subpopulations found within the dry limestone forests along the southern coast of Puerto Rico occur at the bottom of forested ravines (areas that provide enough moisture for seedling recruitment). The species also occurs in the northern limestone belt in the karst region of Puerto Rico. Despite deforestation for agriculture in the 1930s, a west-to-east band of continuous forested landscape extends from Aguadilla to San Juan, and additional limestone outcrops extend to the northeast corner of Puerto Rico in the municipalities of Loíza and Fajardo providing habitat for palo de rosa. The southern and northern limestone belts differ in climate, with wet and moist life zones characterizing the environmental conditions along the north coast of Puerto Rico. The karst area is characterized by a steep topography and a dense concentration of haystack hills or mogotes, with valleys and sinkholes between the hills. The steep topography and low agricultural value provide refugia and serve as a seed source for natural regeneration on adjacent forested lands following the abandonment of agricultural lands.

#### Forest

A dense growth of trees and underbrush covering a large tract.

#### Coastal

The land near a shore.

#### River or Stream

A natural body of running water.

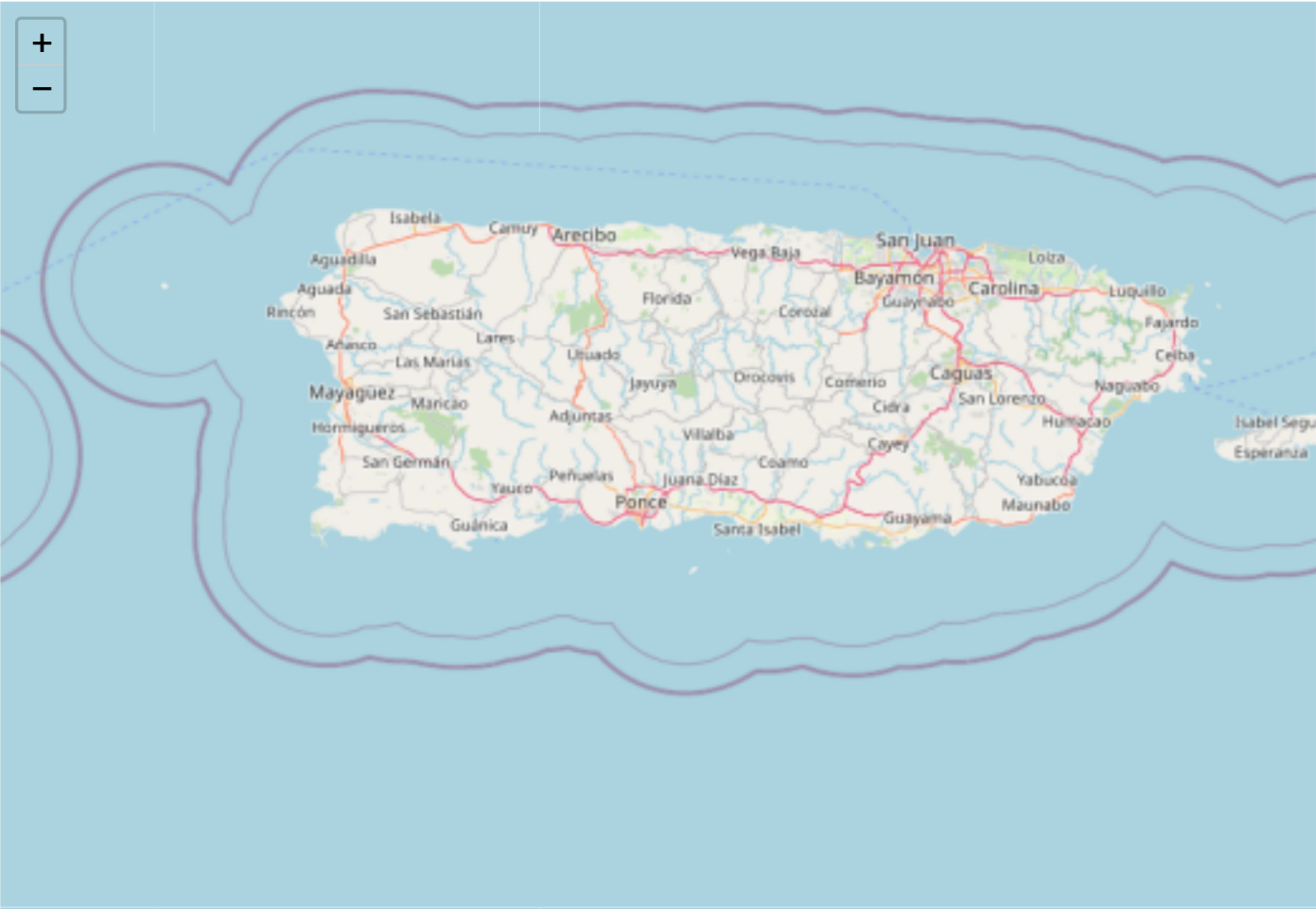
## Geography

### Range

When listed in 1990 only 10 individuals were known from a few localities in Puerto Rico. However, currently about 1,144 individuals are known from 66 subpopulations on the island. In general, "palo de rosa" trees are limited to rocky, alkaline

soils and serpentine derivatives along the southwestern coast of Puerto Rico, from the municipality of Cabo Rojo to the municipality of Guayanilla; and along the northern coast of Puerto Rico, from the municipality of Aguadilla to the municipality of Fajardo. In Hispaniola, there is little information of the population's current status and location(s).

LAUNCH INTERACTIVE MAP



## Timeline

Explore the information available for this taxon's timeline. You can select an event on the timeline to view more information, or cycle through the content available in the carousel below.

6 ITEMS



Nov 4, 2022

Downlisting (Downlist Threatened)

Key:

 Event       Regulatory Status Change

Refine Your Search


Content Type

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- ☐ Biological Opinion
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- ☐ Recovery Plan
- ☐ Story

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# Information & Media

Below is a list of additional information and media on this taxon. You can further refine your results, or enter a search term below.

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Q

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Showing 1-10 of 28

## Reclassification of Palo de Rosa from Endangered to Threatened With a Section 4(d) Rule

Five Year Review

Nov 4, 2022

Final

## Reclassification of Palo de Rosa from Endangered to Threatened With a Section 4(d) Rule

Downlisting

Nov 4, 2022

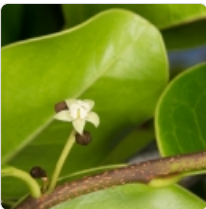
Final

## Reclassification of Palo de Rosa from Endangered to Threatened With a Section 4(d) Rule

4d

Nov 4, 2022

Final



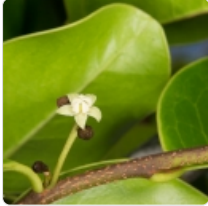
### Reclassifying Palo de Rosa From Endangered to Threatened - Frequently Asked Questions

Thanks to successful efforts by local and federal partners, the palo de rosa tree is on the path to recovery. The evergreen tree native to Puerto Rico and the Dominican Republic, whose Spanish name describes its pink-colored wood, has shown substantial improvements since it was listed as an...

Story

Nov 3, 2022

Endangered Species Act



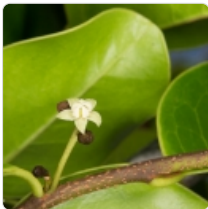
## U.S. Fish and Wildlife Service Reclassifies Palo de Rosa from Endangered to Threatened

Thanks to successful efforts by local and federal partners, the palo de rosa tree is on the path to recovery. The evergreen tree native to Puerto Rico and the Dominican Republic, whose Spanish name describes its pink-colored wood, has shown substantial improvements since it was listed as an...

Press Release

Nov 3, 2022

Jennifer Koches



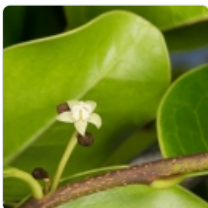
## Reclasificación de palo de rosa de en peligro de extinción a amenazado - Preguntas Frecuentes

Gracias a los exitosos esfuerzos de colaboradores locales el árbol de palo de rosa está en camino hacia la recuperación. Este árbol perenne, cuyo nombre en español describe su madera de color rosa y el cual ocurre en Puerto Rico y República Dominicana, ha mostrado mejoras sustanciales desde que fue...

Story

Nov 3, 2022

Endangered Species Act



## El Servicio Federal de Pesca y Vida Silvestre reclasifica a palo de rosa de especie en peligro de extinción a amenazada

Gracias a los exitosos esfuerzos de colaboradores locales el árbol de palo de rosa está en camino hacia la recuperación. Este árbol perenne, cuyo nombre en español describe su madera de color rosa y el cual ocurre en Puerto Rico y República Dominicana, ha mostrado mejoras sustanciales desde que fue...

Press Release

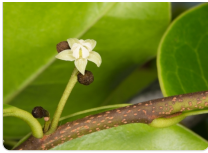
Nov 3, 2022

Jennifer Koches



Ottoschulzia



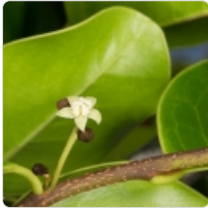


Ottoschulzia, a genus of flowering plants.

Image

Aug 26, 2022

Omar Monsegur



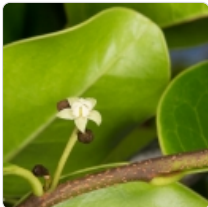
Propuesta para re-clasificar el árbol de palo de rosa de en peligro de extinción a amenazado

Palo de rosa es el nombre común de *Ottoschulzia rhodoxylon*, un árbol perenne que puede alcanzar hasta 49 pies (15 m) de altura y 16 pulgadas (40 cm) de diámetro. Su nombre común proviene de su madera de color rosa. El palo de rosa tiene ramas lisas de color gris oscuro y flores bisexuales...

Story

Jul 19, 2021

Endangered Species Act



El Servicio Federal de Pesca y Vida Silvestre propone reclasificar a palo de rosa de especie en peligro de extinción a amenazada

Gracias a los exitosos esfuerzos de colaboradores locales el árbol de palo de rosa está en camino hacia la recuperación. Este árbol perenne, cuyo nombre en español describe su madera de color rosa y el cual ocurre en Puerto Rico y República Dominicana, ha mostrado mejoras sustanciales desde que fue...

Press Release

Jul 19, 2021

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



OFICINA ESTATAL DE

# CONSERVACIÓN HISTÓRICA

GOBIERNO DE PUERTO RICO

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

Tuesday, June 17, 2025

## Kristin Sanders

Historic Preservation Manager

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

SHPO-CF-06-04-25-01 PRDOH CDBG-DR\_ESP Program\_20250604\_17  
Improvements\_NHPA

Dear Ms. Sanders,

Our Office has received and reviewed the above referenced project 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.

Our records support your finding of "no historic properties affected" within the following properties' Area of Potential Effects (APE):

Aguadilla PR-ESP-00208 Bo. Caimital Abajo Carr 2 Km 121.6

Aibonito PR-ESP-00132 Carretera 14 Km 46.7 Bo. Asomante

Bayamón PR-ESP-00154 Ave. Santa Juanita AK6 Urb. Santa Juanita

Bayamón PR-ESP-00217 MARGINAL A-3 URB FOREST HILLS BAY

Bayamón PR-ESP-00230 URB MIRAFLORES 3-9 CALLE 2

Bayamón PR-ESP-00362 REPARTO TERESITA AL-2 CALLE 23

Caguas PR-ESP-00128 Ave Gautier Benitez B-13 Urb Villa Carmen

Lajas PR-ESP-00119 Carr 303 Km 3.2 Bo. Olivares

Lajas PR-ESP-00212 CARR 102 KM 17.2 INT SECTOR PALMER #8

Manatí **PR-ESP-00139** 1 D2 Villa Maria

Moca PR-ESP-00229 CARR 125 KM 3.5

San Juan PR-ESP-00125 V3-22 AVE SAN ALFONSO

San Juan PR-ESP-00200 Urb Monte Carlos 1265 Ave Monte Carlos

San Juan PR-ESP-00257 773 AVE SAN PATRICIO

San Juan PR-ESP-00264 CALLE 15 1265 EXT SAN AGUSTIN

San Juan PR-ESP-00356 1727 Avenida Jesus T. Pinero

Villalba PR-ESP-00149 CARR. 149 ESQUINA BORINQUEN #44

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



OFICINA ESTATAL DE  
CONSERVACIÓN HISTÓRICA  
OFICINA DEL GOBERNADOR  
  
STATE HISTORIC  
PRESERVATION OFFICE  
OFFICE OF THE GOVERNOR

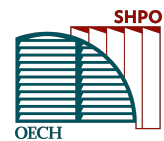
Sincerely,



Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ SG



OFICINA ESTATAL DE  
CONSERVACIÓN HISTÓRICA  
OFICINA DEL GOBERNADOR

STATE HISTORIC  
PRESERVATION OFFICE  
OFFICE OF THE GOVERNOR

June 4, 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 – SEVENTEEN (17) NON-HISTORIC CASE(S) – *NO HISTORIC PROPERTIES AFFECTED***

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 the Energy Power Reliability and Resilience/DDEC Energy Support Program (ESP). 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 the following seventeen (17) cases for Section 106 consultation as it cannot be cleared with Programmatic Agreement allowances. These cases consist of the installation of PV systems with battery backup systems. The prepared excel file presents all information for these properties for your review including the ESP Case ID, locational data, photographs, a link to the google map, key dates and supporting imagery, and the PRDOH Eligibility and Effect Determinations.

MUNICIPALITY	CASE ID	ADDRESS
Aguadilla	PR-ESP-00208	Bo. Caimital Abajo Carr 2 Km 121.6
Aibonito	PR-ESP-00132	Carretera 14 Km 46.7 Bo. Asomante
Bayamón	PR-ESP-00154	Ave. Santa Juanita AK6 Urb. Santa Juanita
Bayamón	PR-ESP-00217	MARGINAL A-3 URB FOREST HILLS BAY
Bayamón	PR-ESP-00230	URB MIRAFLORES 3-9 CALLE 2
Bayamón	PR-ESP-00362	REPARTO TERESITA AL-2 CALLE 23
Caguas	PR-ESP-00128	Ave Gautier Benitez B-13 Urb Villa Carmen
Lajas	PR-ESP-00119	Carr 303 Km 3.2 Bo. Olivares
Lajas	PR-ESP-00212	CARR 102 KM 17.2 INT SECTOR PALMER #8
Manatí	PR-ESP-00139	1 D2 Villa Maria
Moca	PR-ESP-00229	CARR 125 KM 3.5
San Juan	PR-ESP-00125	V3-22 AVE SAN ALFONSO
San Juan	PR-ESP-00200	Urb Monte Carlos 1265 Ave Monte Carlos
San Juan	PR-ESP-00257	773 AVE SAN PATRICIO
San Juan	PR-ESP-00264	CALLE 15 1265 EXT SAN AGUSTIN
San Juan	PR-ESP-00356	1727 Avenida Jesus T. Pinero
Villalba	PR-ESP-00149	CARR. 149 ESQUINA BORINQUEN #44

The properties are not individually eligible, listed in the National Register of Historic Places (NRHP) or located within or adjacent to an eligible or listed Historic District. A recommendation of "No Historic Properties Affected", pursuant to 36 CFR 800.4(d)(1), has been made for these proposed projects.

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,



**Kristin P. Sanders**

Historic Preservation Manager

Enclosures







GOVERNMENT OF PUERTO RICO  
DEPARTMENT OF HOUSING

April 30, 2024

**Arch. Carlos A. Rubio Cancela**

Executive Director

Puerto Rico State Historic Preservation Office

Cuartel de Ballajá, Third Floor

San Juan, Puerto Rico 00901

**Re: Authorization to Submit Documents for Consultation**

Dear Arch. Rubio Cancela,

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

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

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

Cordially,

**Aldo A. Rivera Vázquez, PE**

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery