

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-00433

Project Name: FINCA GAIA LLC

Responsible Entity: Puerto Rico Department of Housing

Grant Recipient (if different than Responsible Entity): Same as above

State/Local Identifier: Puerto Rico / Dorado, PR

Preparer: Patricia Carmenatty

Certifying Officer Name and Title: Permit and Environmental Compliance Officers: Sally Acevedo Cosme, Pedro de León Rodríguez, Ivelisse Lorenzo, Janette Cambrelen, Santa Ramirez, Limary Vélez Marrero, Mónica M. Machuca Ríos, Javier Mercado-Barrera, Abdul Feliciano Plaza and Priscilla Toro Rivera. María T. Torres Bregón - Environmental Manager, Angel G. Lopez Guzman - Deputy Director, Aldo A. Rivera-Vazquez – Director for Program Management, and Juan Carlos Perez Bofill - Director for Disaster Recovery CDBG Program.

Consultant: Behar Ybarra & Associates LLC

Direct Comments to: Puerto Rico Department of Housing:
(environmentcdbg@vivienda.pr.gov)

Project Location:

Barrio Maguayo, Carretera 693, Dorado, PR 00646

Water well location: latitude 18.411518 longitude -66.280149

Parcel cadastral #: 059-000-008-87-000; 059-000-008-99-000

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

The proposed activities for PR-RGRW-00433 consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). The applicant must also obtain a franchise

or authorization with the DNER to extract water from an aquifer. The water to be extracted will be solely for agricultural use. The installation of the water well will require ground disturbance. Tree removal won't be required for installation, but clearing vegetation and small bushes will be necessary. The well installation aims to alleviate water scarcity in dry seasons and adapt to rapid climate fluctuations. The power needed to operate the water well pump will come from a portable diesel generator supplied by the applicant. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 9 years.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the construction of the water well. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the location of the water well plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

A site Map is included in Figure 1, illustrating the location of the water well on the property. Photos of the location are included in Section 106 documentation, Appendix 1. Refer to Appendix 3 for Site Inspection Report.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

In 2017, Hurricanes Irma and María devastated Puerto Rico's agriculture, destroying 80% of crop value and causing \$780 million in damages. The storms severely impacted food security and agricultural businesses. In response, the Re-Grow Puerto Rico Urban-Rural Agriculture Program was launched, funded by Community Development Block Grant – Disaster Recovery (CDBG-DR).

The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project associated with the installation/construction of a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet are in keeping with the overall objectives of the Economic Development Program.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The area where the water well will be constructed is flat, covered with grass and small bushes. Currently, the farm is active, with fruit trees planted in designated areas. However, the spot designated for the water well remains without trees, only with small bushes. Therefore, there is little to no change in land use associated with this placement.

Funding Information

Grant Number	HUD Program	Funding Amount
B-18-DP-72-0001 B-17-DM-72-0001 B-19-DP-78-0002 B-18-DE-72-0001	Community Planning and Development (CPD) / Community Development Block Grant - Disaster Recovery (CDBG-DR)	\$11,938,162,230.00

Estimated Total HUD Funded Amount: \$67,000.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$67,000.00

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet will have no impact on any Airports. The site is located 62,332 feet from the nearest major civil airport (Fernando Luis Ribas Dominicci in San Juan) and 92,074 feet from the nearest military airport (Luis Muñoz Marín International Airport in San Juan). This topic is in compliance with the HUD's Airport Hazard regulations without

		further evaluation. See the attached Airport map Runway Protection Zone, Figure 2.
<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is not located in a CBRS Unit. The project is located 35,790 feet southwest of the nearest Coastal Barrier Resource System, PR-86P. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. See the attached CBRS map, Figure 3.</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in Zone X, Panel 72000C0320J, 11/18/2009 on the FEMA FIRM. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Map, Figure 4. The project is in compliance with the Flood Insurance without further evaluation.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site located in the Municipio of Dorado. The project is not located in a nonattainment municipality of Puerto Rico (Arecibo, Bayamón, Cataño, Guaynabo, Salinas, San Juan, Toa Baja). The installation and operation of this project will have no impact and is in compliance with the Clean Air Act without further evaluation. See attached published list of Puerto Rico Nonattainment/Maintenance Status for each country by year for all criteria pollutants in Appendix 2.</p>

<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 18,687 feet from the nearest Coastal Zone Management Area and does not affect a Coastal Zone as defined in the state Coastal management Plan. The project is in compliance with the Coastal Zone Management Act. See the attached CZMA map, Figure 5.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural project. On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. According to what was observed in the site inspection and what was searched on the NEPASSIT page, there are six sites of environmental concern identified within 3,000 feet near the water well location. These places are the following:</p> <p>EPA Facility Interest - RCRA - ID: 110042422704 - Total Petroleum Puerto Rico Corp-Service Station. Address: PR-2 Km 26.1 Bo Espinosa, Dorado, PR 00646. Coordinates: 18.40644, -66.284786. Distance: 2,590 ft.</p> <p>EPA Facility Interest - ICIS-Air- ID: 110010415862 - Dorado Quarries & Recycling. Address: Road #2 Bo. Espinosa, Dorado, PR 00646. Coordinates: 18.408611, -66.283611. Distance: 1,682 ft.</p> <p>EPA Facility Interest - NPDES - ID: 110030900087 - LOS MONTES SEWER COLLECTION SYSTEM Address: PR-2 KM 9.7, DORADO, PR 00646. Coordinates: 18.40691, -66.281808. Distance: 1,866 ft.</p>

EPA Facility Interest – RCRA - ID: 110031390144 - ADRIEL AUTO CORP. Address: PR-2 KM 23.0, DORADO, PR 00646. Coordinates: 18.40691, -66.281808. Distance: 1,866 ft.

EPA Facility Interest – NPDES - ID: 110071064501 - GULBRANDSEN PUERTO RICO, INC. Address: ROAD PR-2, KM. 25.0, DORADO, PR 00646. Coordinates: 18.4079, -66.2805. Distance: 1,407 ft.

EPA Facility Interest – RCRA - ID: 110032659282 - SILVERIO & SONS TRANS. Address: BO ESPINOSA CARR #2 KM 25.2, DORADO, PR 00646. Coordinates: 18.405614, -66.276186. Distance: 2,708 ft.

Based on EPA Enforcement and Compliance History Online (EPA ECHO) there are no violations reported. See Appendix 3.

HUD's environmental regulations at 24 CFR 58.5(i)(2)(i) and (ii)4 state that, [i]t is HUD's policy that all properties that are being proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of occupants or conflict with the intended utilization of the property. For the proposed project, which involves the installation of a water well, radon analysis will not be required. This is because the facility qualifies for an exemption, as it is a non-residential structure that will not be occupied for more than 4 hours per day.

After conducting an aerial review history of the project site over the past 20 years, the use of the area has been agricultural. It continues to be rural, with no significant changes during this period that raise any contamination concerns.

		<p>According to the available information, the project is in compliance with Contamination and Toxic Substances requirements. See attached Toxics Map, Figure 6. See Appendix 3 for Site Inspection Report and ECHO Reports.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>After reviewing data from the United States Fish and Wildlife Service (USFWS) Information and Planning Consultation (IPaC) and the Puerto Rico Department of Natural and Environmental Resources (DNER) database, the Puerto Rican boa (<i>Chilabothrus inornatus</i>), Palo de Ramón (<i>Banara vanderbiltii</i>) and <i>Daphnosis helleriana</i> (no common name) could be found in the project area. The installation of a water well includes continued agricultural use of the property. Vegetation removal (grass and small bushes) will be expected, however, tree removal won't be necessary.</p> <p>The nature of the project, scope of work, information available, a careful analysis of the IpaC, the Puerto Rico Boa conservation measures, the Caribbean Dkey in the US Fish and Wildlife Service's online IPaC application, and the observations during the field visit on September 2, 2023, 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 " May affect, but is not likely to adversely affect" (NLAA).</p> <p>An Informal Consultation was submitted to USFWS on 8/26/2024 and Concurrence Letter was received on 9/24/2024. The Service acknowledges receipt of the NLAA DKey consistency letter for the Puerto Rican boa.</p>

Based on the nature of the project, scope of work, information available and existing habitat, the Service recommends a reconsideration of the *No Effect* determination for the Palo de Ramón and *Daphnosis helleriana* to a *May Affect*, but is *Not Likely to Adversely Affect* (NLAA) determination. PRDOH'S accepts the reconsideration in an *Effect Determination Acceptance Letter* dated 9/24/2024.

The project is 18,815 feet from the nearest final endangered species critical habitat.

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 for them to relocate the Boa. As established by the USFWS Puerto Rican Boa Conservation Measures Guideline.

<https://ipac.ecosphere.fws.gov/guideline/design/population/156/office/41430.pdf>

Since the project entails the removal of vegetation, the Service recommends PRDOH that before initiating any work within the range of listed plant species and in areas with suitable habitat, applicants must conduct plant surveys. In the event that listed species are discovered at the project site, the Service must be notified. The Applicant must develop conservation measures to minimize or avoid impacts on those species and share those measures with the Service through PRDOH, for evaluation and approval.

This project is in compliance with the Endangered Species Act. See attached

		USWFS Informal Consultation Package and supporting documents in Appendix 4. See attached Endangered Species map, Figure 7. Conservation Measures for the listed species are in Appendix 4.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and does not include development, construction or rehabilitation that will increase residential density or the construction of a hazardous facility. This project is in compliance with Explosive and Flammable hazards without further evaluation.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project does not include any activities that could potentially convert agricultural land to non-agricultural use. The project activities will occur in an area designated as not prime farmland. The scope of work includes installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet, and this is a construction limited to on-farm structures needed for farm operations. The project is exempt from review under the Farmland Protection Policy Act (FFPA) as the project is limited to construction of an on-site water well needed for farm operations. The project is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map, Figure 8.
Floodplain Management	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Department of Housing and Urban Development (HUD) introduced new floodplain regulations under 89 FR 30850,

<p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>		<p>effective June 24, 2024, establishing the Federal Flood Risk Management Standard (FFRMS).</p> <p>PFIRMs in Puerto Rico were only developed for certain sections of the municipalities of Carolina, Canovanas, Loiza, San Juan and Trujillo Alto. The proposed project is located in the municipality of Dorado; therefore, PFIRM information was not available for the area and therefore not considered in the review.</p> <p>This project consists of the installation/construction a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and was evaluated using the 0.2 Percent-Annual-Chance Floodplain Approach (0.2 PFA) to determine the extent of the FFRMS. The current project involves non-critical actions that are located outside the 0.2-percent-annual-chance floodplain (500-year flood elevation). This approach ensures compliance with the FFRMS, meaning no mitigation is required, and the project adheres to the regulations set forth in 24 CFR Part 55. The project is not located in the 500-year floodplain or ABFE special flood hazard area.</p> <p>The project is in compliance with Executive Order 11988, as amended by Executive Order 13690. See attached ABFE Map (Figure 9).</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was visited on May 3, 2024, by SOI-qualified archaeologist. Based on the nature and scope of the undertaking, the APE has been defined as the area potentially affected by ground-disturbing activities related to the installation of a water well. Documentation with</p>

		<p>photographs and maps was subsequently submitted to SHPO (attached Appendix 1). In a response from PR SHPO dated June 13, 2024, SHPO concurred with a finding of No Historic Properties Affected within the project's Area of Potential Effects (see attached Appendix 1).</p> <p>At the request of PRDOH, the address in the SHPO Package was updated. The SHPO document was originally submitted with the physical address listed as PR-2 Km. 25.6, Barrio Maguayo, Dorado, PR 00646 (as indicated in Canopy). We were later instructed to use the Farm's address, which is Barrio Maguayo, Carretera 693, Dorado, PR 00646 (also as indicated in Canopy). Both addresses are associated with the same applicant in the system, and the SHPO review was conducted on the correct property.</p> <p>The property is not considered historic or contributing to an historic district (See attached Historic map, Figure 10). Therefore, this activity is in compliance with National Historic Preservation Act.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site. The project does not include new construction for residential use or rehabilitation of an existing residential property. The site is rural in nature 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>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA Sole Source Aquifers in Puerto Rico. The project is in compliance with Sole Source aquifers without further evaluation. See attached Sole Source Aquifers maps, Figure 11.</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The map shows that there are no wetlands in or within the proposed project site. The project is in compliance with Executive Order 11990. See the attached Wetlands map, Figure 12.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of the NWSRS river. The project is located 174,665 feet from the nearest Wild and Scenic River. The project is in compliance with the Wild and Scenic Rivers Act. See Map, Figure 13.</p>
<p>ENVIRONMENTAL JUSTICE</p>		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Based on the scope of work for this project, there will be no additional impact on low-income or minority residents. This proposed activity will not have a negative impact on Environmental Justice. Therefore, the proposed activity complies with this section. Refer to Appendix 3 for EJ Screen Report.</p>

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provide. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

(1) Minor beneficial impact

(2) No impact anticipated

(3) Minor Adverse Impact – May require mitigation

(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement.

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and is continued agricultural use of property which is compatible with a zoning code of CR (Resources Conservation) and existing land use of SRE (Rustic Specially Protected Land). There is no urban design associated with this rural, agricultural site.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>This project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The soil is currently being used for agriculture purposes. There is no change in land use since the land will continue to be used to agriculture purposes. Soil in the project area is Tanamá-Rock outcrop complex, 20 to 60 percent slopes (TaF). This complex consists of steep to very steep, shallow, well drained Tanamá soils and Rock outcrop.</p> <p>The landslide data indicates low landslide susceptibility; so, no erosion is expected to occur from this project. The project will not affect the drainage in the area. Soil suitability will be assessed prior to construction. Contractors will be required to use BMPs during construction if erosion impacts occur. The construction manager should investigate if a DNER authorization is required for any land alteration associated with the</p>

		proposed project activities. There will be no additional runoff associated with the project. See Landslide Susceptibility Map, Figure 14.
Hazards and Nuisances including Site Safety and Noise	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. There are no specific environmental hazards that have been identified for this site. The site is not in a high Noise Level area. The project does not include housing or such to where inhabitants would be affected.
Energy Consumption	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet on an existing agricultural farm. The power needed to operate the water well pump will come from a portable diesel generator supplied by the applicant. No new connection for power will be necessary.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and will result in short-term benefit to employment when contractors are hired for the installation of the water well. After construction, there may be a net positive benefit for the farm, a small business receiving this funding for economic development recovery purposes, which will aid in the continued operations of the intended use of the farm which products will be used by Puerto Rico population. The project is not anticipated to have a significant impact on Employment and Income Patterns, however, the project may help restore employment opportunities and income patterns.
Demographic Character	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter

Changes, Displacement		of 10 inches for the remaining 360 feet and will not alter the demographic characteristics of Dorado, PR. The applicant is already located at this location and the project will provide opportunities for the continuous agricultural growth of the business.
Environmental Justice	1	<p>In the project area within a one-mile radius:</p> <ul style="list-style-type: none"> • The people of color are 97% compared to PR average of 97%. • 75 % of the people are low income compared to PR average of 70%. • 26 % of the people are unemployed compared to PR average of 14%. <p>The proposed activities of the installation of a water well will have a positive impact on creating jobs for local people. Therefore, the proposed activity complies with this section. See EJ Screen Report in Appendix 3.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site and will have no impact on educational and cultural facilities.
Commercial Facilities	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and will not have any negative impact on commercial facilities since the purpose of the water well is for obtain water for irrigation.
Health Care and Social Services	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site

		and will have no impact on Health Care and Social Services.
Solid Waste Disposal / Recycling	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and will have no impact on Solid Waste Disposal / Recycling services. The products and by-products are agricultural, and any waste would be biodegradable. The remaining construction solid waste materials would be collected for transport to the local landfill. All organic waste will be utilized on the farm, and any soil or debris generated during the construction of the water well will be managed by the installer, in full compliance with DNER regulations.
Wastewater / Sanitary Sewers	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and this activity will not produce any wastewater. Based on the scope of work is not expected to result in any changes in wastewater or sanitary sewer generation. The proposed project will have no impact on Wastewater / Sanitary Sewers.
Water Supply	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer. The water to be used will be for agricultural use. No new potable water connection will be necessary.
Public Safety - Police, Fire and Emergency Medical	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site and will have no impact on Public Safety.

Parks, Open Space and Recreation	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet warehouse and will have no impact on Parks, Open Space and Recreation. The property being used is agricultural and it will continue as agricultural use.
Transportation and Accessibility	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site and will have no impact on transportation and accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	<p>The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and will be situated on previous agriculture property. The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer.</p> <p>BMPs to use water from a water body must be followed. This include regular monitoring of water levels to avoid over-extraction, ensuring proper well maintenance to prevent contamination, and implementing water-saving techniques to reduce demand.</p>
Vegetation, Wildlife	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet and will occur on land previously used for agricultural purposes and will continue in that capacity. There may be wildlife attracted to the water well but no negative impact on wildlife.

		For the water well installation the removal of vegetation (grass and small bushes) will be necessary. The contractor must have Best Management Practices (BMPs) to minimize environmental impacts, particularly to prevent erosion, sedimentation, and habitat disruption.
Climate Change	2	The project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The Re-Grow Program proposed project aims to increase resiliency in the agricultural industry to prepare for future climate related disasters. The project will not contribute to climate change and will provide a minor net benefit by allowing for increased food production.

Additional Studies Performed: Not applicable.

Field Inspection (Date and completed by): May 3, 2024, Jaqueline Lopez, SOI-Qualified Archaeologist. Field Site Inspection performed by Patricia Carmenatty on September 2, 2023.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

FAA, National Plan for Integrated Airport Systems:

www.faa.gov/airports/planning_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf

John H. Chafee Coastal Barrier Resources System, Puerto Rico map.

www.fws.gov/CBRA/Maps/Locator/PR.pdf

National Park Service, National Registry of Natural Landmarks.

www.nature.nps.gov/nnl/docs/NNLRegistry.pdf

US Fish and Wildlife Service, Wild and Scenic Rivers – correspondence to Agency on October 16, 2018

National Wild and Scenic Rivers System: www.rivers.gov/puerto-rico.php

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Sierra Research for Office of Mobile Sources. US Environmental Protection Agency. Report No. SR93-03-02, Evaluation of Methodologies to Estimate Nonroad Mobile Source Usage, March 19, 1993: <http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt>

US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book): www3.epa.gov/airquality/greenbook/anayo_pr.html

US EPA, Environmental Topics, Air Topics: www.epa.gov/environmental-topics/air-topics

US Fish and Wildlife Service, Environmental Conservation Online System: <https://ecos.fws.gov/ecp0/reports/species-listed-by-state-report?state=PR&status=listed>

Federal Emergency Management Agency, Flood Mapping Service: <https://msc.fema.gov/portal/home> (compilation of numerous maps)

Puerto Rico Planning Board, Communication regarding Floodplain Management, November 29, 2018.

US Fish and Wildlife Service, National Wetlands Inventory: www.fws.gov/wetlands/data/mapper.html (compilation of numerous maps)

US Army Corps of Engineers, Jacksonville District, Antilles Section, Communication regarding Wetlands Management, November 13, 2018.

Puerto Rico Coastal Zone Management Program Plan, September 2009.

Puerto Rico Planning Board, Communication regarding Coastal Zone Management, November 16, 2018 (No response).

US EPA, Sole Source Aquifers. Esri HERE, Garmin, NOAA, USGS, EPA.

US Fish and Wildlife Service, Caribbean Ecological Services Field Office. E-mail communication regarding October 23, 2018 letter on Threatened and Endangered Species and Critical Habitats.

NOAA Fisheries / National Marine Fisheries Service, NEPA Coordinator Southeast Regional Office. Communication on October 16, 2018 regarding designated critical habitat. (No response).

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria, <https://doi.org/10.5066/F7JD4VRF>

List of Permits Obtained: None.

Public Outreach [24 CFR 58.43]: The recovery process has seen significant proactive involvement from the local community. Puerto Rico Department of Agriculture has

worked closely with the agricultural community. This project will include a FONSI/NOI-RROF in compliance with NEPA regulations for HUD.

Cumulative Impact Analysis [24 CFR 58.32]: In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the installation a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site. The activities involved, such as the water well, are discrete and confined to the immediate project area. They do not extend beyond the boundaries of the site, minimizing the potential for cumulative effects on surrounding environments. The project's location on an existing agricultural site suggests that the area may have already undergone land use changes and modifications.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

The Regrow Program purpose is to enhance and expand agricultural production related to economic revitalization and sustainable development activities while promoting and increasing food security island wide. The "Alternative" action would mean that the applicant would consider other locations for the water well. However, other locations may result in tree clearing prior to construction and/or need to fill in some steep area and an added cost to the applicant. Any option that requires going off-site would not contribute to the improvement and growth of agricultural production or enable economic development for this applicant.

No Action Alternative [24 CFR 58.40(e)]:

The 'No-Action' alternative would mean that the applicant would not receive federal funding to provide the installation of a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet for an agricultural site which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for economic development for this applicant.

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

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

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

Law, Authority, or Factor	Mitigation Measure
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Soil suitability will be assessed prior to construction. Contractors will be required to use BMPs during construction if erosion impacts occur. The construction manager should investigate if a DNER authorization is required for any land alteration associated with the proposed project activities.
<p>Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>The USFWS has developed the following conservation measures for the Boa:</p> <ol style="list-style-type: none"> 1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site. 2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas. 3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.

4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: (787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.

5. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior. Last Revised: January 2024

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 are 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.

Since the project entails the removal of vegetation, the Service recommends PRDOH that before initiating any work within the range of listed plant species and in areas with suitable habitat, applicants must conduct plant surveys. In the event that listed species are discovered at the project site, the Service must be notified. The Applicant must develop conservation measures to minimize or avoid impacts on those species and share those measures with the Service through PRDOH, for evaluation and approval. If no listed plants are found during surveys, no further action is required. However, if a listed plant species is found while the project is being conducted, project personnel shall stop work, and the Service should be contacted for further technical assistance.

Service's point of contacts:

- José Cruz-Burgos, Endangered Species Program Coordinator, Mobile: 305-304-1386, Office: 786-244-0081, jose_cruz-burgos@fws.gov.

	<ul style="list-style-type: none"> • Omar Monsegur, Fish and Wildlife Biologist, Mobile: (305) 304-0292, omar_monsegur@fws.gov.
Vegetation, Wildlife	<p>The contractor must have Best Management Practices (BMPs) to minimize environmental impacts, particularly to prevent erosion, sedimentation, and habitat disruption.</p> <p>The Applicant must develop conservation measures to minimize or avoid impacts on the plants species and share those measures with the Service through PRDOH, for evaluation and approval. If no listed plants are found during surveys, no further action is required. However, if a listed plant species is found while the project is being conducted, project personnel shall stop work, and the Service should be contacted for further technical assistance.</p>
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	<p>The proposed action is continued agricultural use of property, which is compatible with the existing land use.</p> <p>The applicant and/or construction manager is required to obtain any necessary local and territorial building and environmental permits prior to construction activities commencing.</p>
Water Supply	<p>The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer.</p>
Unique Natural Features, Water Resources	<p>The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer.</p> <p>BMPs to use water from a water body must be followed. This include regular monitoring of water levels to avoid over-extraction, ensuring proper well maintenance to prevent contamination, and implementing water-saving techniques to reduce demand.</p>

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.

Preparer Signature:  Date: 10/21/2024

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

Certifying Officer Signature:  Date: 11/14/2024

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

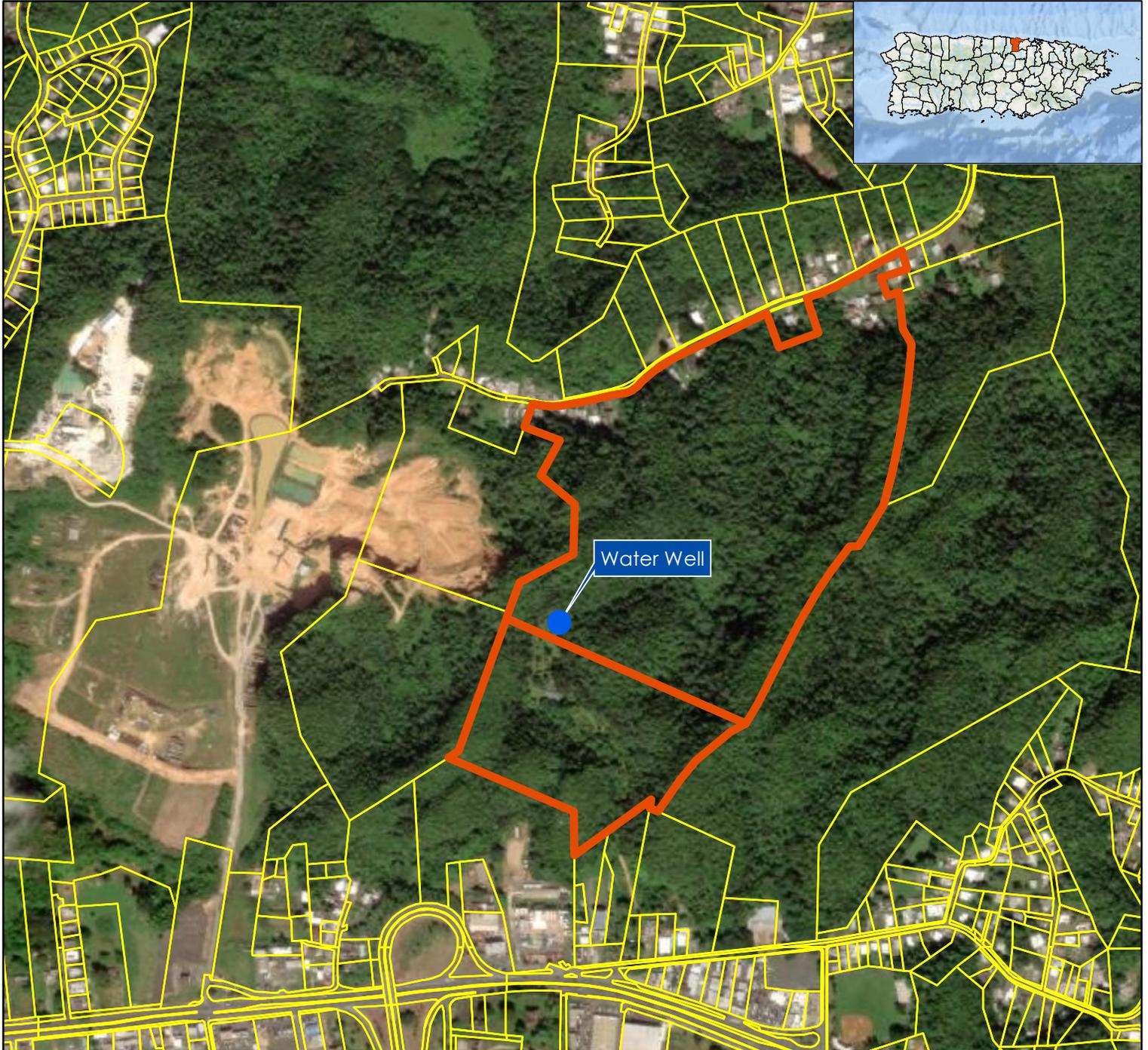
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Figures

Figure 1: Location Aerial Map

Puerto Rico Department of Housing ReGrow

Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149



Legend:

-  PR-RGRW-00433
-  Parcels
-  CRIM Parcels



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

Source

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

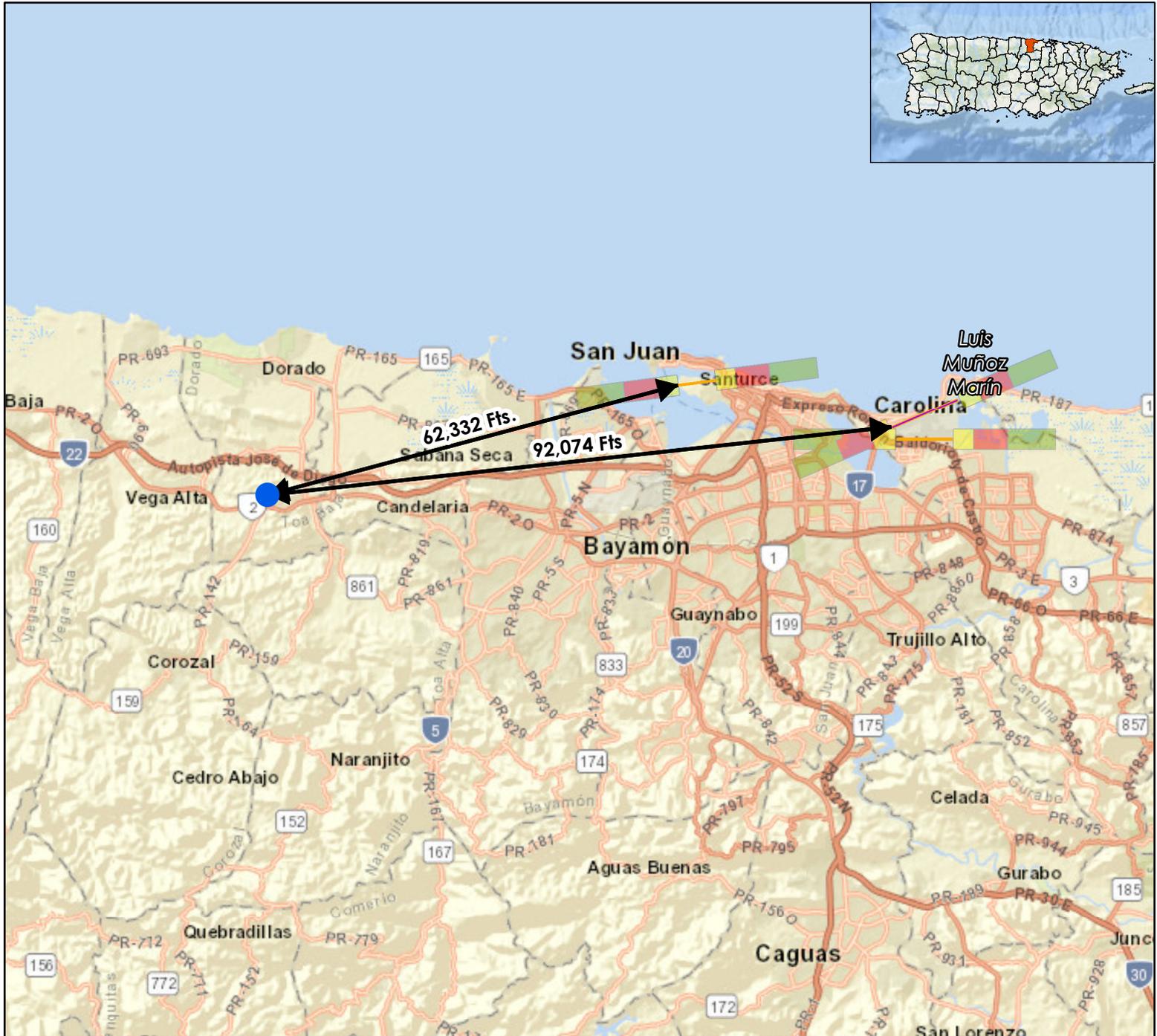


1:8,000

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 Dorado, PR 00646

Parcels: 059-000-008-87-000 & 059-000-008-99-000
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Figure 2: Airports
 Puerto Rico Department of Housing ReGrow



Legend:

● PR-RGRW-00433

■ SJU Military Runway

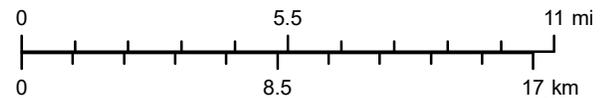
■ Civil Runaway

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://aads-faa.opendata.arcgis.com/>



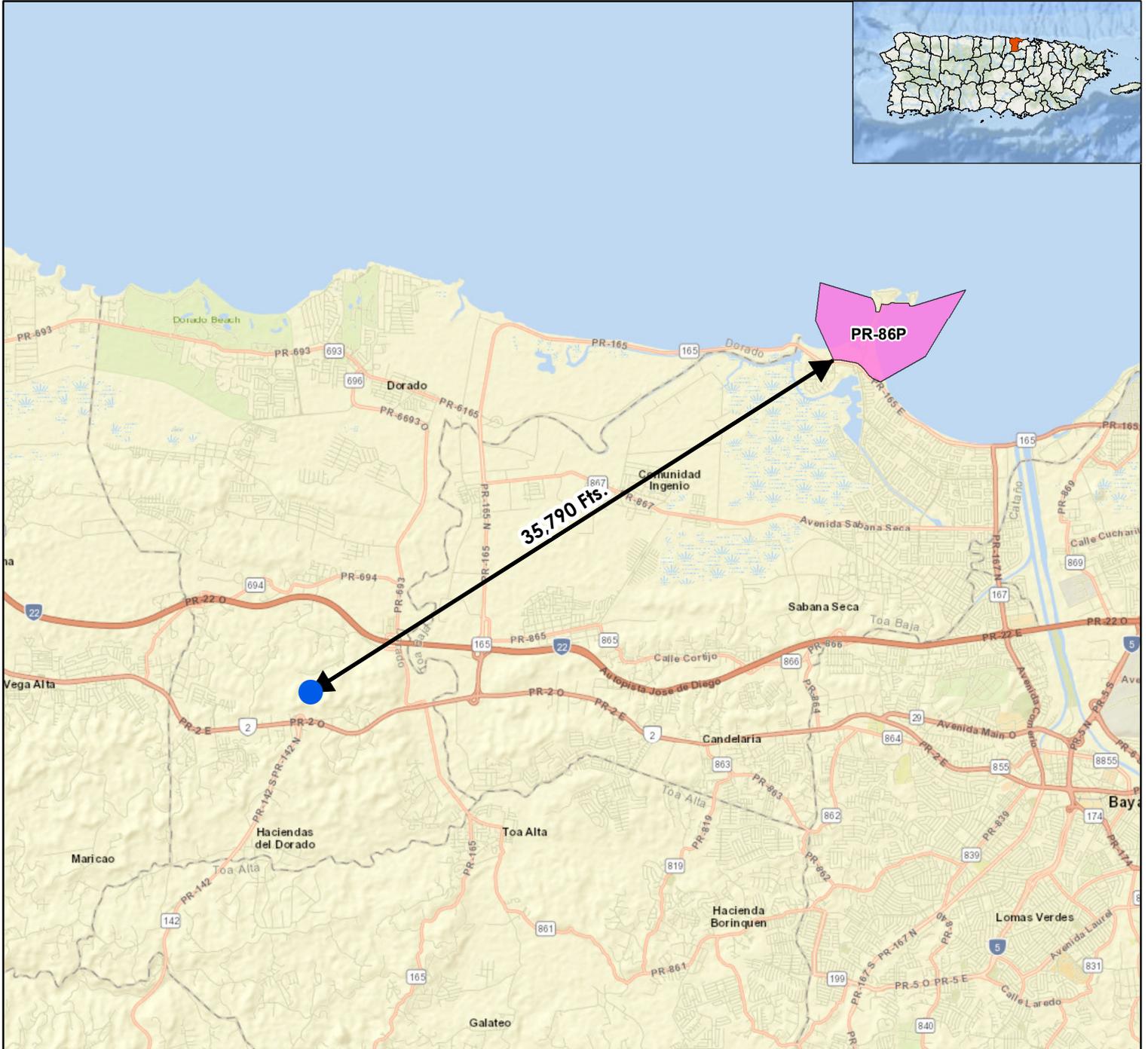
1:250,000

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 Dorado, PR 00646

Figure 3: Coastal Barrier Resources System

Puerto Rico Department of Housing ReGrow

Parcels: 059-000-008-87-000 & 059-000-008-99-000
 Lat: 18.411518, Long: -66.280149

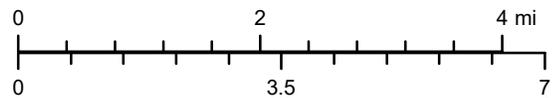


Legend:

● PR-RGRW-00433

Coastal Barrier Resources System (CBRS)

◻ Otherwise Protected Area



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



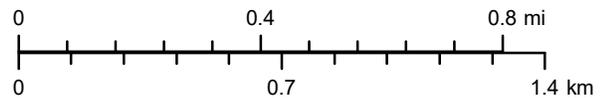
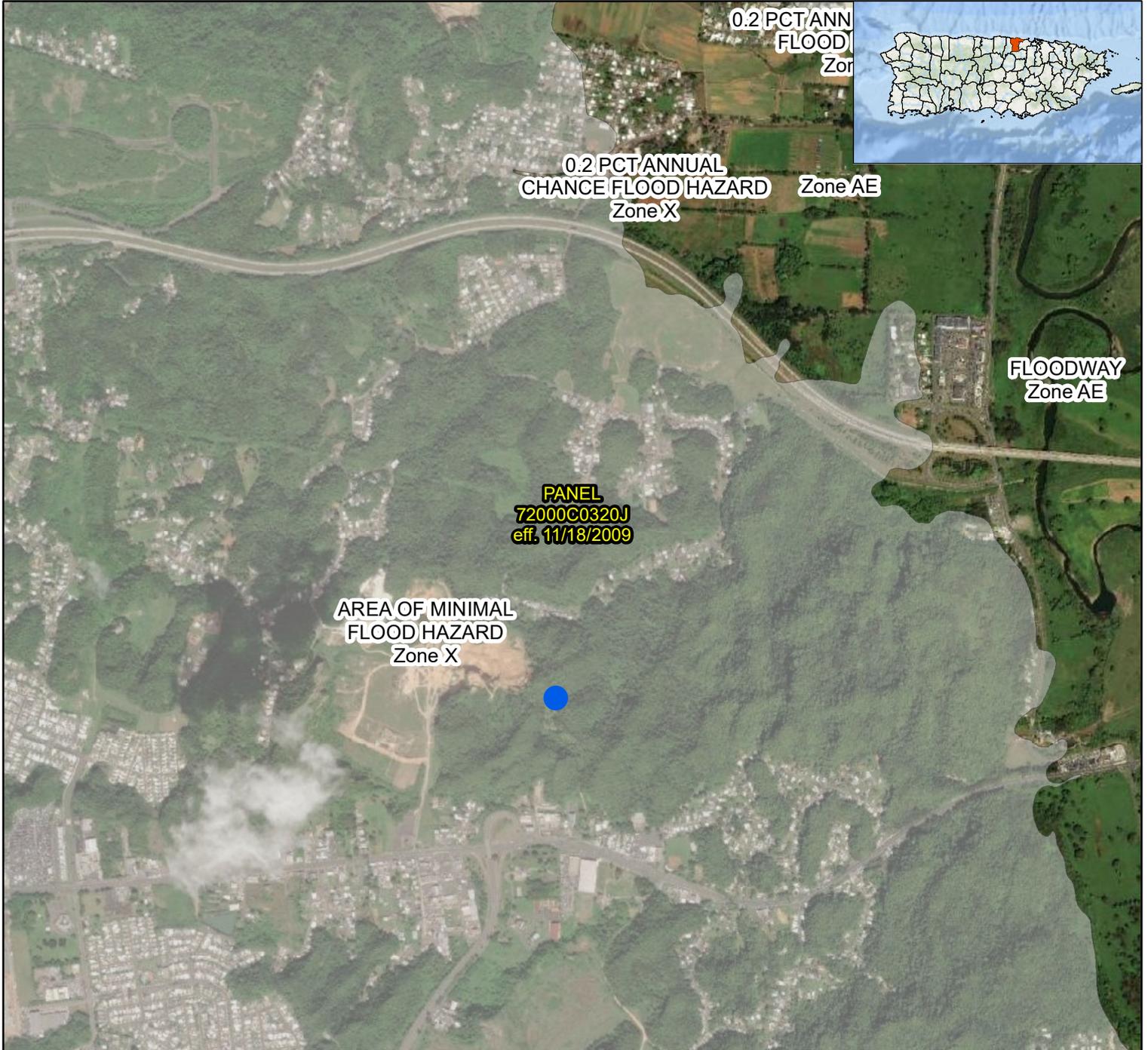
1:100,000

Source

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

Figure 4: Flood Insurance Rate Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Area of Minimal Flood Hazard Zone X
- FIRM Panel

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



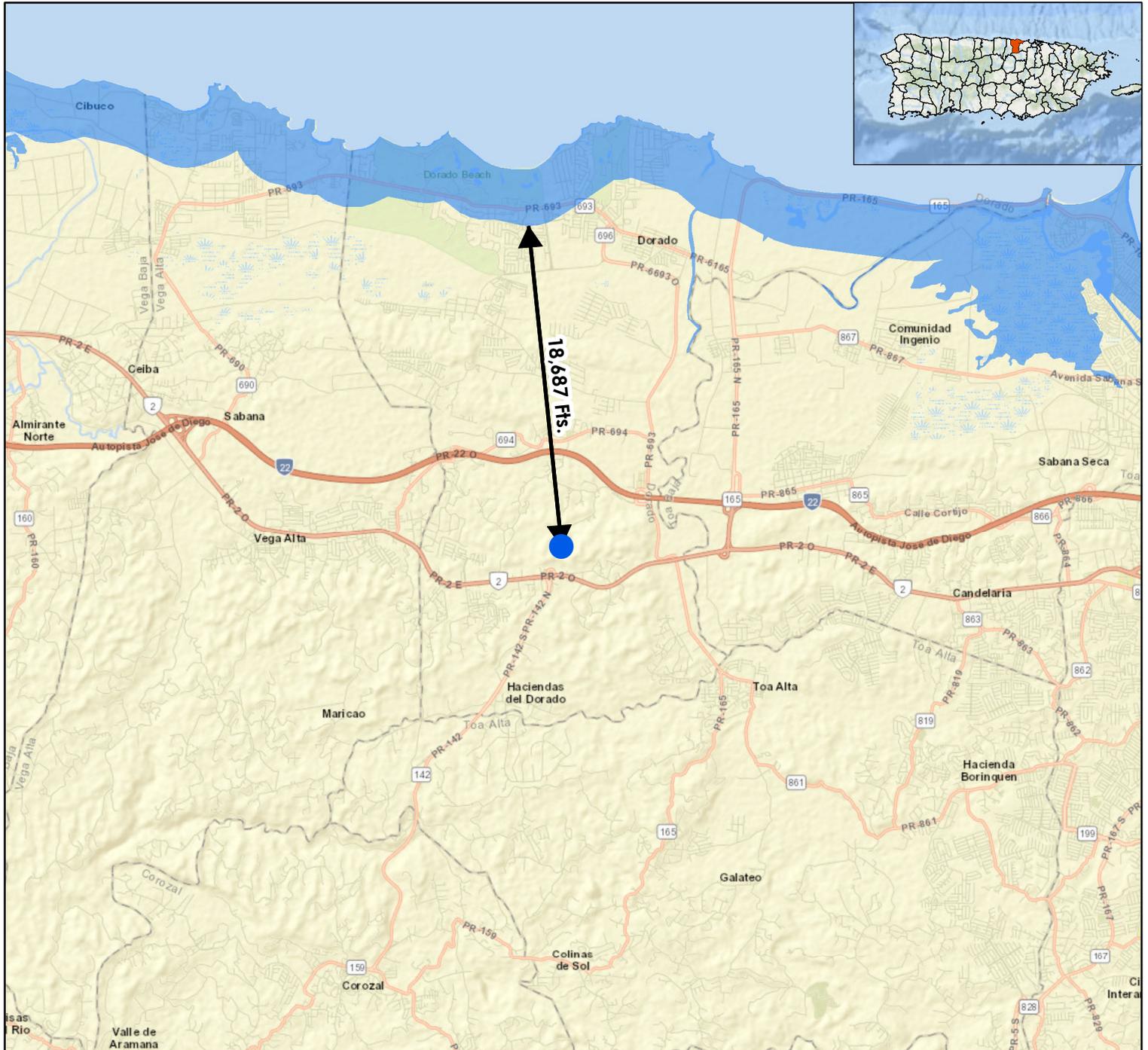
Source

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

1:20,000

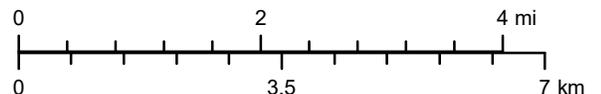
Figure 5: Coastal Zone Management

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Coastal Zone Management Act Boundary



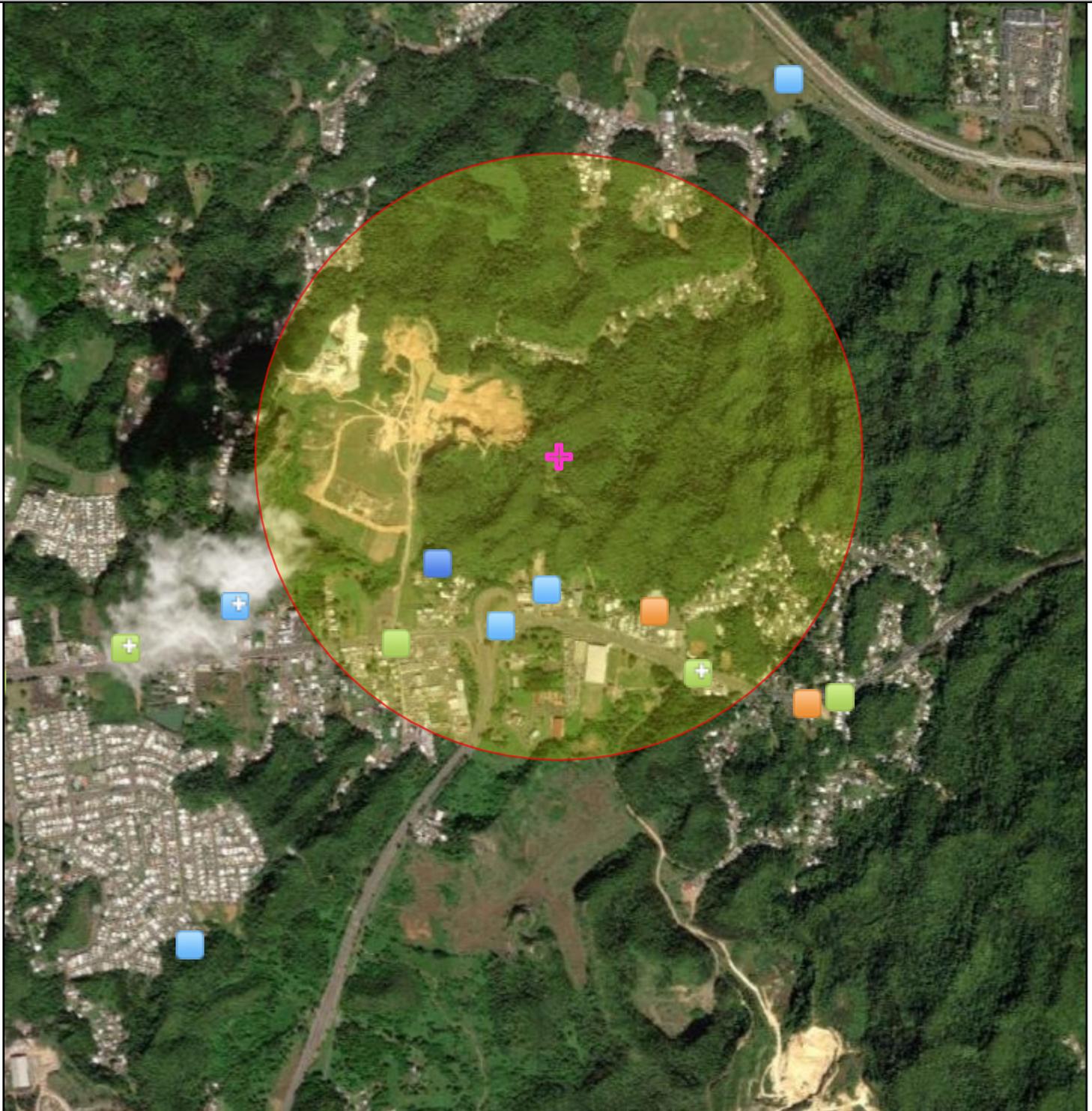
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Source
NOAA Office for Coastal Management (NOAA/OCM)
<https://www.fisheries.noaa.gov/inport/item/53132>
1:100,000

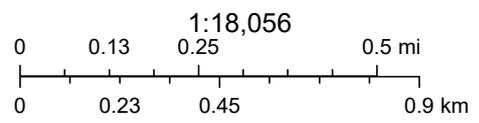
Figure 6: Toxic and Hazardous Facilities

Puerto Rico Department of Housing ReGrow



Legend:

- Superfund (NPL)
- Hazardous Waste (RCRAInfo)
- Water Dischargers (NPDES)
- 3,000 Ft. Buffer
- Air Pollution (ICIS-AIR)
- + PR-RGRW-00433



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Source

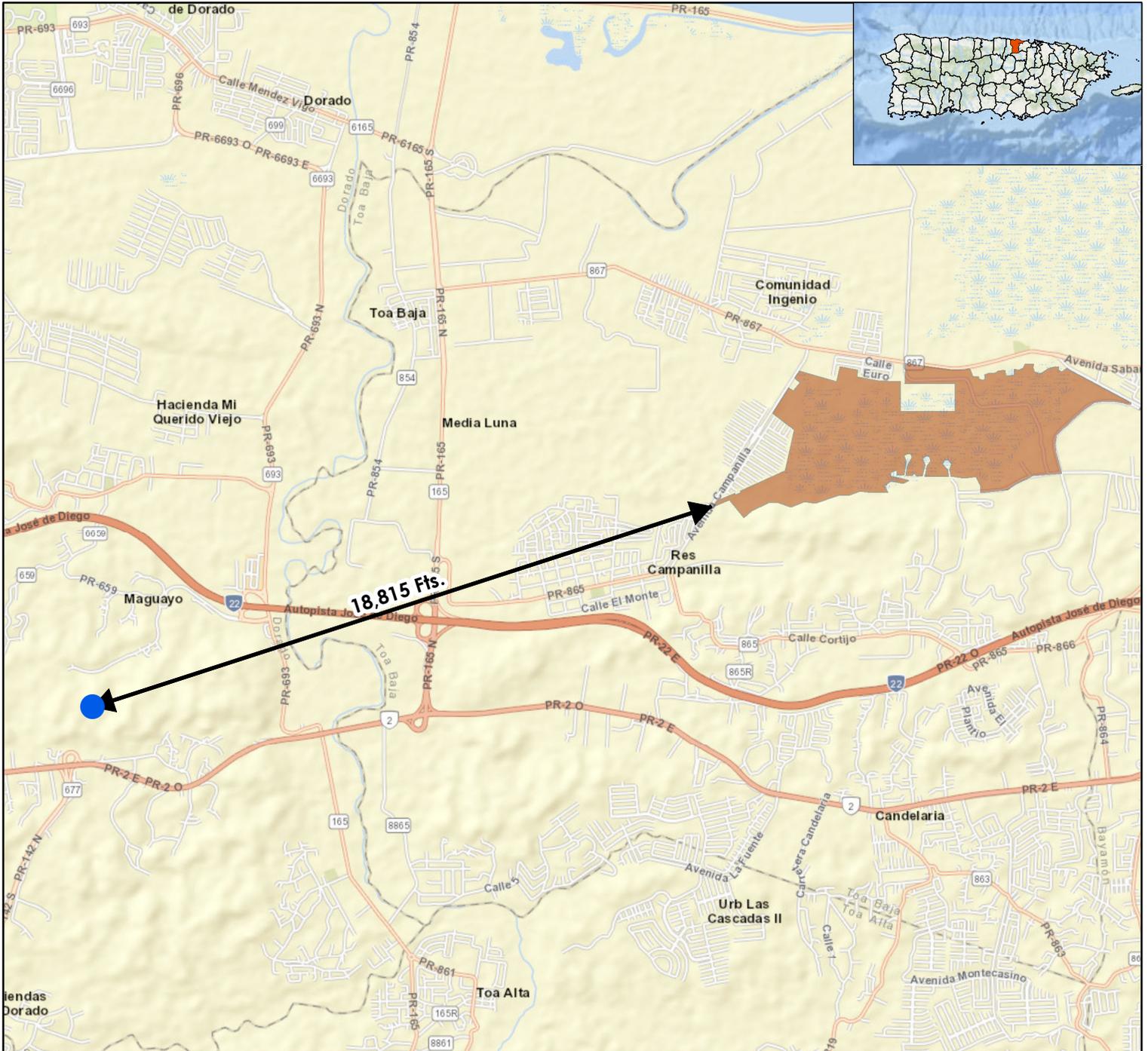
EPA NEPassist
<https://nepassisttool.epa.gov>

1:12,000

Figure 7:Threatened & Endangered Species

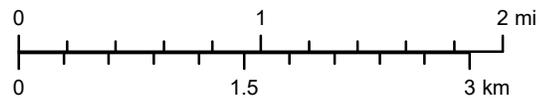
Puerto Rico Department of Housing ReGrow

Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149



Legend:

- PR-RGRW-00433
- Critical Habitat



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1:50,000

Source

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

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Figure 8: Farmland Protection

Puerto Rico Department of Housing ReGrow

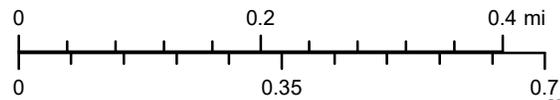


Legend:

● PR-RGRW-00433

Farm Class

- All areas are prime farmland
- Not prime farmland



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



1:10,000

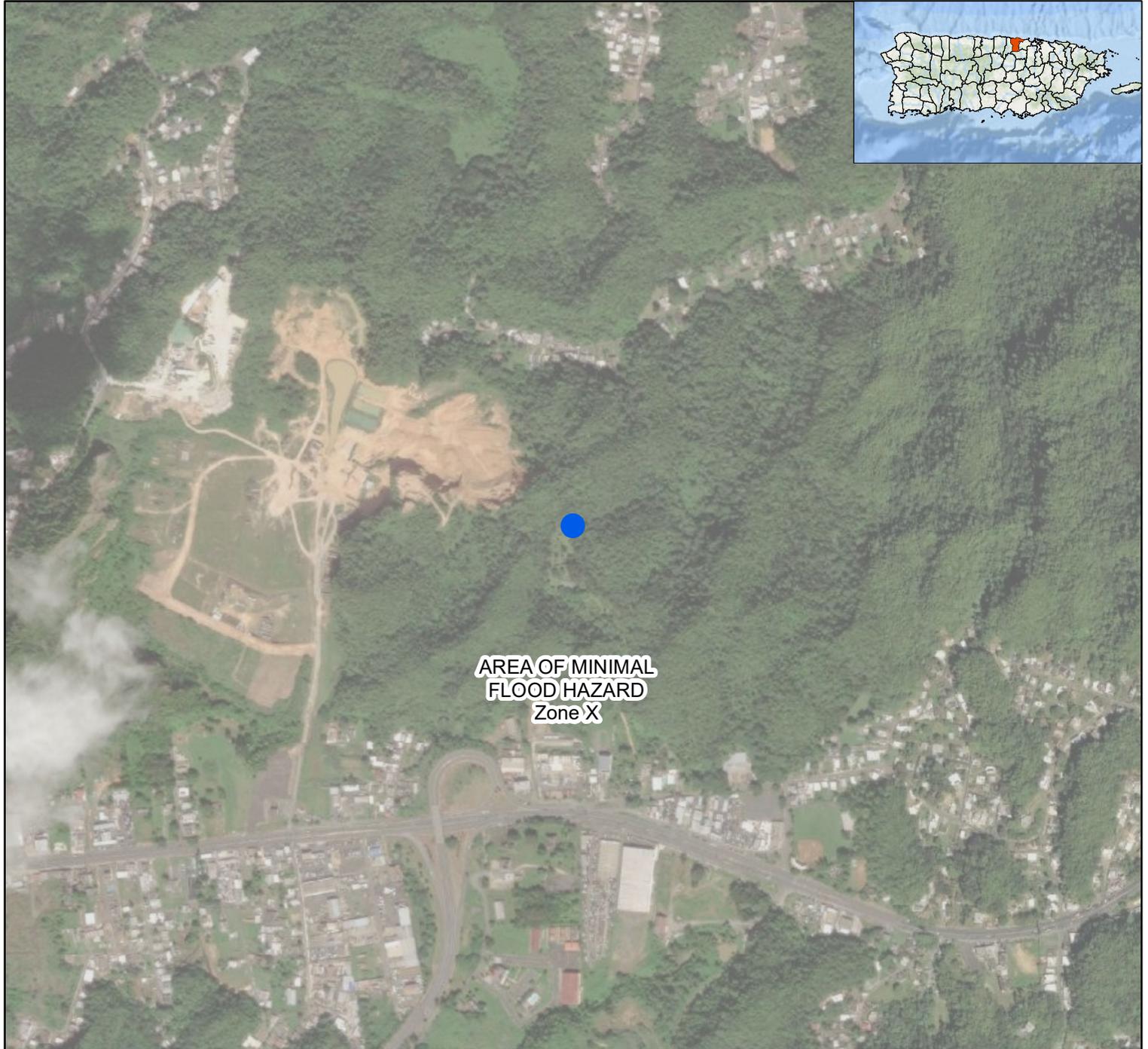
Source

National Resources Conservation Service (NRCS)
 Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nal.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

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Figure 9: Advisory Base Flood Elevation

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
 - 0.2-percent annual chance flood
 - 1-percent annual chance flood
- Flood Zone**
- 0.2% Annual Chance Flood
 - Area of Minimal Flood Hazard Zone X

0 0.2 0.4 mi
 0 0.35 0.7 km

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

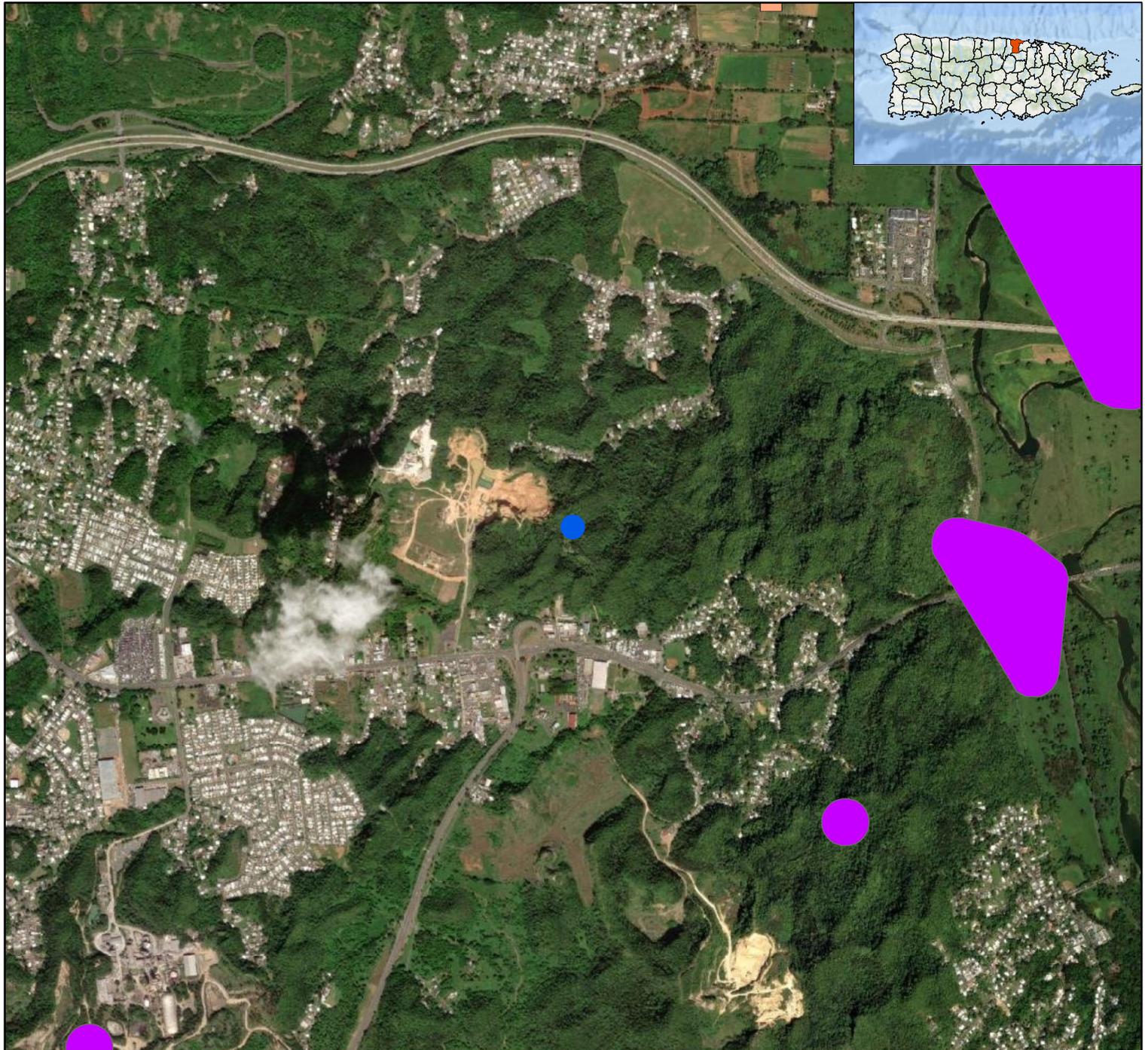
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Source
 Federal Emergency Management Agency (FEMA),
 Junta de Planificacion de Puerto Rico (JP),
 Mapas de Niveles de Inundacion Base Recomendados,
<https://maps.jp.pr.gov/>

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 Lat: 18.411518, Long: -66.280149

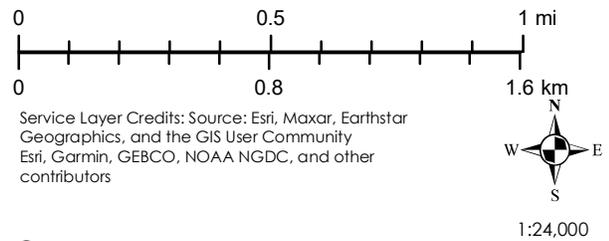
Figure 10: Historic Preservation Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Cultural Resource Building
- Archaeological Resource Zones
- Traditional Urban Center
- P Cultural_Resources - Public Plaza
- Cultural_Resources - Registry ICP
- Cultural_Resources - Historic Places JP
- ▲ Cultural_Resources - Scenic Places
- Cultural_Resources - Cultural Value Places
- Cultural_Resources - Railway Vestiges



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>

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Lat: 18.411518, Long: -66.280149

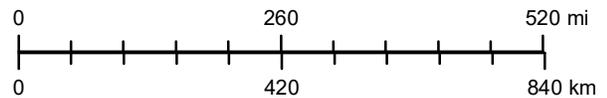
Figure 11: EPA Sole Source Aquifers

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-00433
-  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



1:12,000,000

Source

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

Figure 12: Wetlands Map

Puerto Rico Department of Housing ReGrow



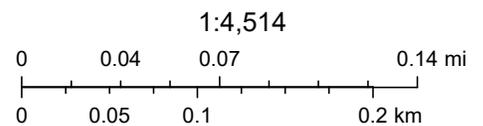
Legend:

 PR-RGRW-00433

WETLANDS - National Wetlands Inventory

 Freshwater Emergent Wetland

 Freshwater Pond



Source

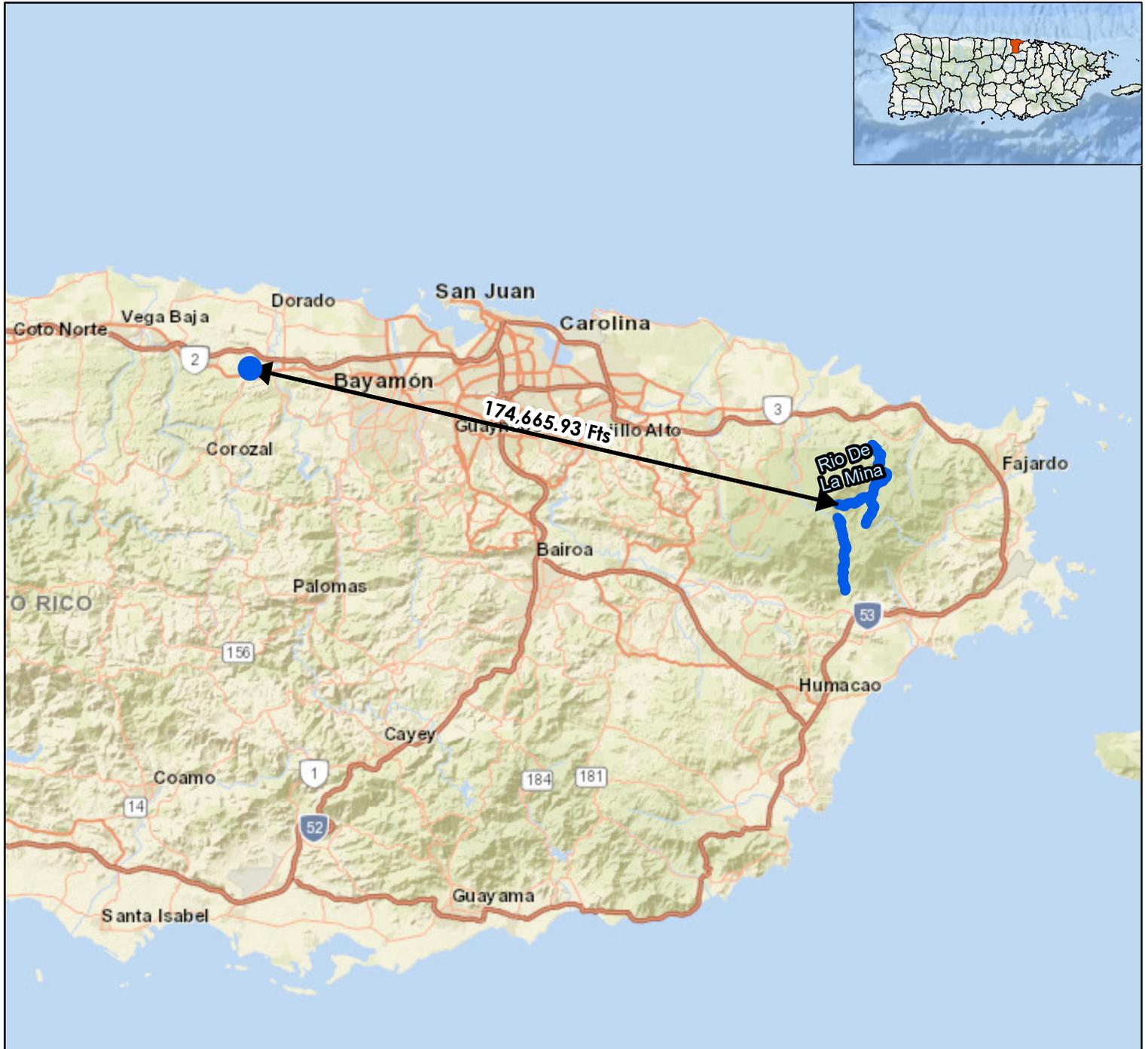
U.S. Fish and Wildlife Service - National Wetlands Inventory
<https://www.fws.gov/program/national-wetlands-inventory>

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Dorado, PR 00646

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Lat: 18.411518, Long: -66.280149

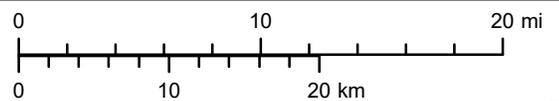
Figure 13: Wild and Scenic Rivers

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Wild and Scenic Rivers



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Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



1:500,000

Source

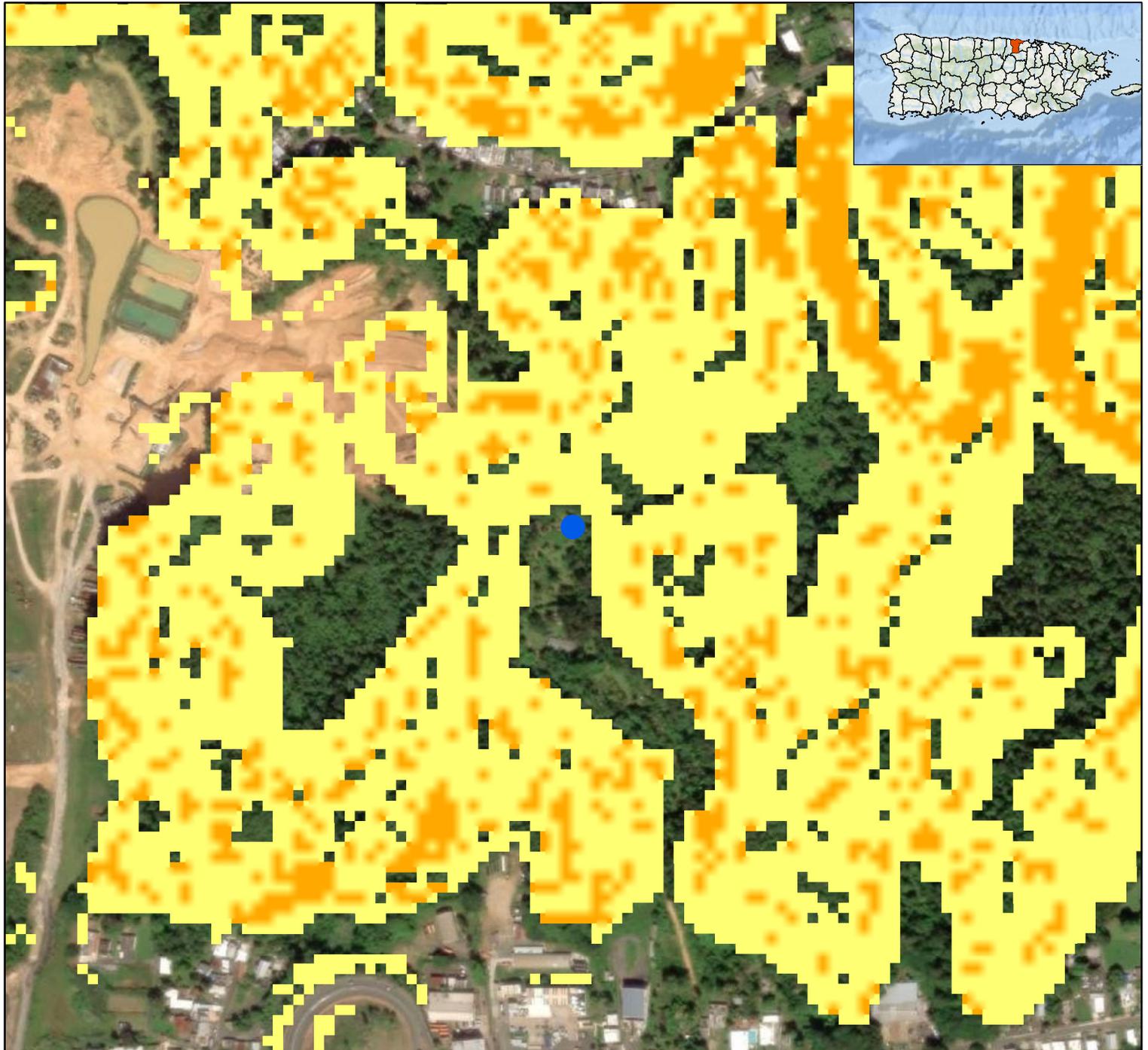
FWS National Wild and Scenic Rivers System
<https://www.rivers.gov/mapping-gis.php>

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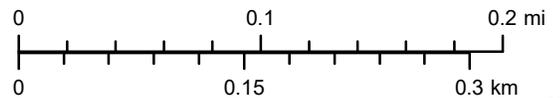
Figure 14: Landslide Susceptibility

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Low
- Moderate
- High
- Very High
- Extremely High



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



1:5,000

Source

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

Appendix 1: SHPO Consultation Package

ENVIRONMENTAL MEMORANDUM

Date: 10/10/2024

To: Environmental Review Record (ERR) File

Subject: Explanation of Conflicting Information within the ERR

Applicant Name: FINCA GAIA LLC

Application Number: PR-RGRW-00433

This memorandum serves to provide an explanation as to the presence of conflicting pieces of information within the Environmental Review Record (ERR) file.

Confliction Information: Coordinates Address Municipio Parcel ID/Cadaster Number
 Construction Date Applicant Name Other: Date on photo
description and Address

Location(s) of SHPO Package: Address and date of photos description
Conflicting Information:

Explanation: At the request of PRDOH, the address in the document was updated. The SHPO document was originally submitted with the physical address listed as PR-2 Km. 25.6, Barrio Maguayo, Dorado, PR 00646 (as indicated in Canopy). We were later instructed to use the Farm's address, which is Barrio Maguayo, Carretera 693, Dorado, PR 00646 (also as indicated in Canopy). Both addresses are associated with the same applicant in the system, so we believe it will not be necessary to resubmit the document to SHPO for further review.

The date mentioned in the photo's description for the proposed location for the water well, September 18, 2023, is incorrect. The correct date should be May 3, 2024, which reflects the actual visit date for the project in that area. There was an error in the spelling of the date, therefore, the application does not need to return to SHPO for this matter for re-consultation.



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Thursday, June 13, 2024

Lauren B Poche

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

SHPO-CF-06-07-24-02 PR-RGRW-00433 (Dorado), Finca Gaia L.L.C.

Dear Ms. Poche,

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 for this undertaking.

Please note that should you discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions regarding our comments, please do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/MB



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

June 7, 2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR Re-Grow PR Urban-Rural Agricultural (Re-Grow PR) Program

Section 106 NHPA Effect Determination Submittal: PR-RGRW-00433 – Finca Gaia L.L.C. – PR-2 Km. 25.6, Barrio Maguayo, Dorado, Puerto Rico – *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). On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds were 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.

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by Finca Gaia L.L.C. located at PR-2 Km. 25.6, Barrio Maguayo, in the municipality of Dorado. The undertaking for this project consists of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). Tree removal won't be required for installation, but clearing vegetation and small bushes will be necessary. The well installation aims to alleviate water scarcity in dry seasons and adapt to rapid climate fluctuations. The power needed to operate the water well pump will come from a diesel generator supplied by the applicant.

Based on the submitted documentation, the Program requests a concurrence that a finding of no historic properties affected is appropriate for this proposed project.

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

Kindest regards,

A handwritten signature in blue ink that reads 'Lauren B. Poche'.

Lauren Bair Poche, M.A.

Architectural Historian, EHP Senior Manager
LBP/JLE

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Finca Gaia LLC		
Case ID: PR-RGRW-00433		City: Dorado
Project Location: PR-2 Km. 25.6, Barrio Maguayo, Dorado, PR 00646		
Project Coordinates: 18.411518 -66.280149		
TPID (Número de Catastro): 059-000-008-87-000; 059-000-008-99-000		
Type of Undertaking: <input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction		
Construction Date (AH est.): n/a		Property Size (acres): 16.5
SOI-Qualified Archaeologist: Jaqueline López Meléndez		
Date Reviewed: May 3, 2024		

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

Project Description (Undertaking)

The proposed activities for PR-RGRW-00433 consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer. The water to be extracted will be solely for agricultural use. The installation of the water well will require ground disturbance. Tree removal won't be required for installation, but clearing vegetation and small bushes will be necessary. The well installation aims to alleviate water scarcity in dry seasons and adapt to rapid climate fluctuations. The power needed to operate the water well pump will come from a diesel generator supplied by the applicant. The project area is located at PR-2 km. 25.6 within the Municipality of Dorado. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 9 years.

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the location of the water well plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Finca Gaia LLC	
Case ID: PR-RGRW-00433	City: Dorado

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior’s Professional Qualification Standards (36 CFR Part 61), shows that there are no reported archaeological sites within a half-mile (0.50 miles) radius of the project location. The nearest cultural resource is the Pre-Columbian site Abrigo Rocosó Carretera 677 (SHPO: DD0100041) located 0.76 miles southwest. The proposed project is located in a small valley between mountains in Dorado at an altitude of 262 to 295 feet above sea level. Per the USGS/NRCS Web Soil Survey, the project area is within mapped soil series: Tanamá-Rock. The project area APE is in TaF. The closest freshwater source is La Plata River located 1.15 miles northeast of the project area. The north coast is approximately 4.16 miles (6.69 km) from the project area.

Within the 0.50 miles radius we have ten (10) archaeological studies, only one with positive results. González (2001) reported few ceramic fragments. In the report there is no information on the cultural association of the pottery or the location. He did not recommend further studies.

Soil in the project area is Tanamá-Rock outcrop complex, 20 to 60 percent slopes (TaF). This complex consists of steep to very steep, shallow, well drained Tanamá soils and Rock outcrop. This complex has formed in karst topography.

Visual inspection of the APE and its surroundings found no evidence of cultural materials.

Determination

No historic properties were identified within the APE. Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect historic properties that compose the Area of Potential Effect. The project area is not within or adjacent to the boundaries of a National Register of Historic Places (NRHP)-eligible or listed historic district or Traditional Urban Center. There are no reported archaeological materials or significant cultural properties within a half-mile radius of the proposed project location. There are no known archaeological sites or NRHP listed/eligible historic properties are within or adjacent to the property or the parcel in which the Area of Potential Effect of case PR-RGRW-00433 is located. The closest freshwater body is approximately 1.15 miles northeast of the project area. The construction of public roads and residential structures/agricultural infrastructure has minimally impacted the surrounding terrain. Therefore, no historic properties will be affected by the proposed project activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Finca Gaia LLC		
Case ID: PR-RGRW-00433		City: Dorado

Recommendation (Please keep on same page as SHPO Staff Section)

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

- No Historic Properties Affected
- No Adverse Effect
Condition (if applicable):
- Adverse Effect
Proposed Resolution (if applicable)

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and:	
<input type="checkbox"/> Concurs with the information provided. <input type="checkbox"/> Does not concur with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination			
Applicant: Finca Gaia LLC			
Case ID: PR-RGRW-00433		City: Dorado	

Case ID: PR-RGRW-00433

Project Coordinates: 18.411518 -66.280149

Table of archaeological sites, historic properties and historic districts located within the project area or within a 0.50-miles radius

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP (listed, eligible, non-eligible, no data)
None	-	-	-	-	-

Table of cultural resources surveys conducted within the project area or within a 0.50-miles radius.

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Juan González	IA-IB/ Cantera Dorado, Inc.	2001	ICP/CAT-DO-01-10-04	Positive. Few ceramic fragments.	0.06 N
Virginia Rivera	IA/ Dosificadora de Hormigón concreto mixto	1990	ICP/CAT-DO-90-03-05	Negative	0.19 mi NW
Carlos Ayes	IA-IB/Ceramar	1998	ICP/CAT-DO-98-06-09	Negative	0.21 mi SE
Jaime Vélez	IA/ Nuevas Facilidades Gulbrands en Puerto Rico	2002	ICP/CAT-DO-02-11-04	Negative	0.12 mi SW
Virginia Rivera	IA-IB/ Acceso Corozal PR-142 Fase II Estación 45+00 hasta Estación 75+00	1996	ICP/CAT-DO-96-06-01	Negative	0.22 mi SW
Miguel Rodríguez	IA-IB/ Mejoras Marginal PR-2 en Cruce con Expreso Corozal PR-142	1999	ICP/CAT-DO-99-08-06	Negative	0.21 mi
Carlos Ayes	IA-IB/ Garaje Nacional	1995	ICP/CAT-DO-95-05-05	Negative	0.21 mi S

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM**REGrow PUERTO RICO PROGRAM****Section 106 NHPA Effect Determination**

GOVERNMENT OF PUERTO RICO

DEPARTMENT OF HOUSING

Applicant: Finca Gaia LLC**Case ID: PR-RGRW-00433****City: Dorado**

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/ Direction
Iván Méndez	IA-IB/ Conector Carretera Estatal PR-142 (Desvío Corozal) desde PR-2 vía PR-677 hacia Corozal	1990	ICP/CAT-DO-90-01-04	Negative	0.27 mi SW
Iván Méndez	IA-IB/ Connector State Road PR-142 from State Road #2 enlargement that comprehend 8.5 kilometers of length	1990	ICP/CAT-DO-90-01-03	Negative	0.27 mi SW
Aramis Font	IA-IB/ Iglesia de Dios Mission Board	2005	ICP/CAT-DO-05-12-08	Negative	0.37 mi SW



Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado

Project (PR-RGRW-00433) Location – Area of Potential Effect Map (Aerial)

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
CORPO. IDBNC 1 Suilo J-3, Calle Ponce 564, APT. 101, San Juan, P.R. 00920 TEL: (787) 753-0290

Application ID: PR-RGRW-00433

FINCA GAIA LLC

PR-2 Km. 25.6,

Barrio Maguayo,

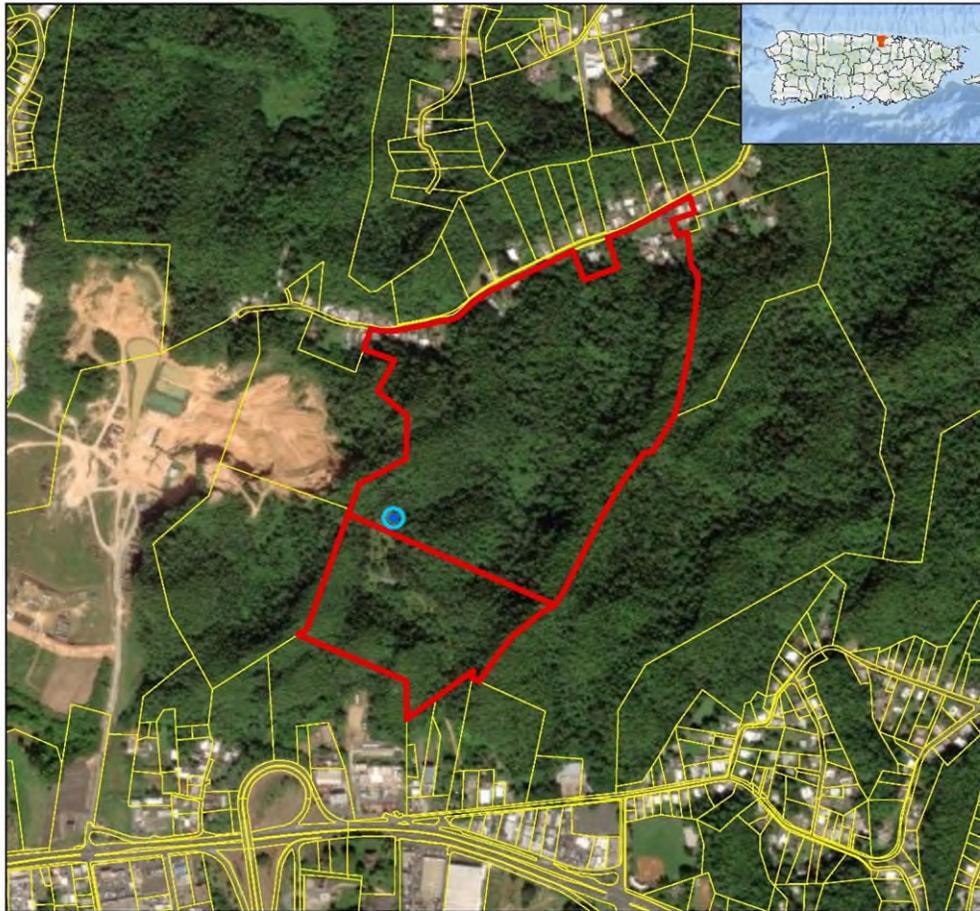
Dorado, PR 00646

Parcels: 059-000-008-87-000 & 059-000-008-99-000

Lat: 18.411518, Long: -66.280149

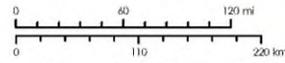
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

-  Area of Potential Effect
-  PR-RGRW-00433
-  Parcels
-  CRIM_PARCELAS_2018



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

Source

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



1:8,000

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado

Project (PR-RGRW-00433) Location - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

Application ID: PR-RGRW-00433

FINCA GAIA LLC

PR-2 Km. 25.6,

Barrio Maguayo,

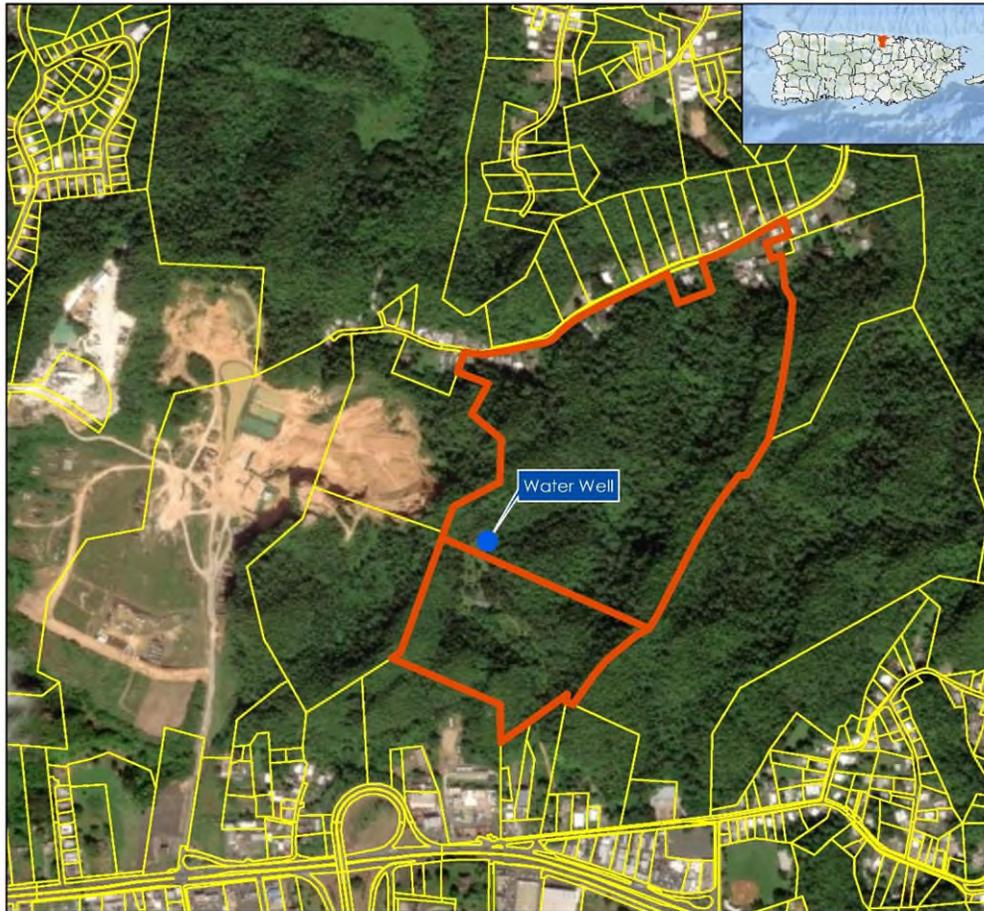
Dorado, PR 00646

Parcels: 059-000-008-87-000 & 059-000-008-99-000

Lat: 18.411518, Long: -66.280149

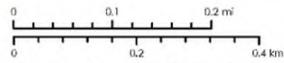
Location Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Parcels
- CRIM Parcels



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA N-GDC, and other contributors and Google Earth

Source

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



1:8,000

Project (PR-RGRW-00433) Location - USGS Topographic Map

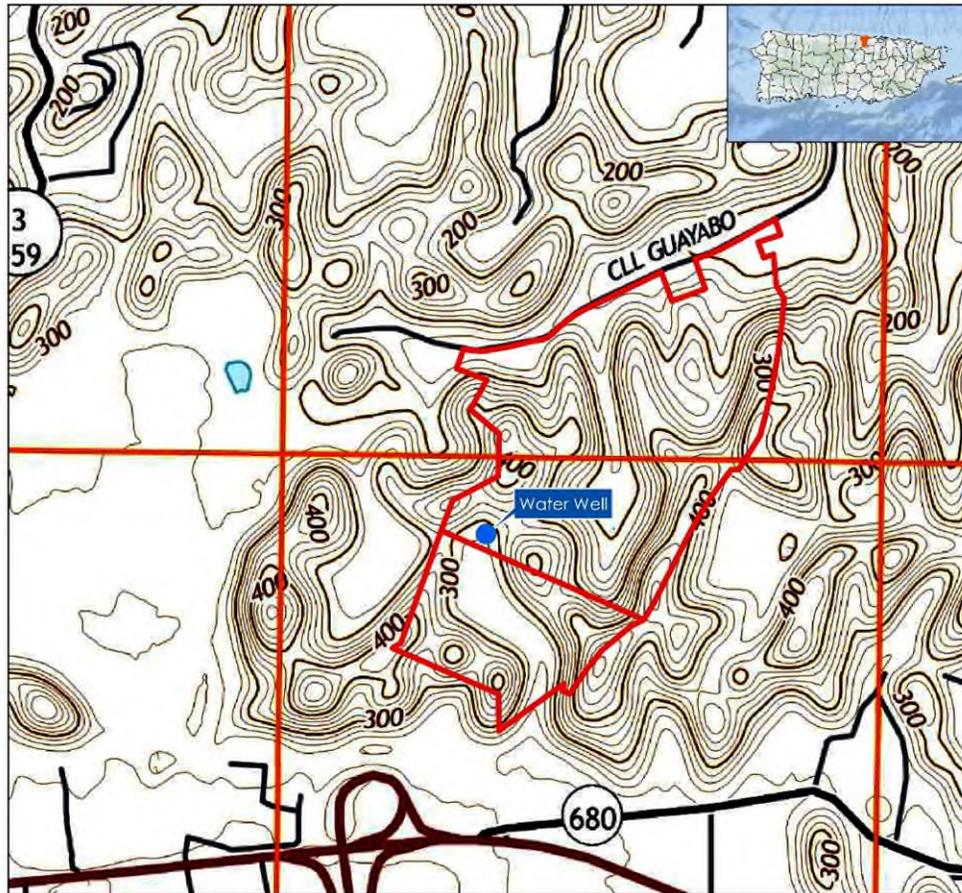
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

Application ID: PR-RGRW-00433

Location USGS Topographic Map

Puerto Rico Department of Housing ReGrow

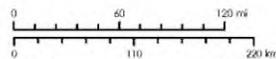
FINCA GAIA LLC
PR-2 Km. 25.6,
Barrio Maguayo,
Dorado, PR 00646
Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149



Legend:

- PR-RGRW-00433
- Contour Interval 20 Feet
- Parcels

Quadrangle: Vega Alta



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



1:8,000

Source

United States Geological Survey (USGS)
National Geologic Map Database
https://nmdb.usgs.gov/nmdb/nmdb_home.html

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado

Project (PR-RGRW-00433) Location – Soils Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corred. Torneo 1 Suite J-3, Calle Ponce 554, Arecibo, San Juan, PR. 00993 Tel: (787) 750-0290

Application ID: PR-RGRW-00433

FINCA GAIA LLC
PR-2 Km. 25.6,
Barrio Maguayo,
Dorado, PR 00646
Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149

Soils Map

Puerto Rico Department of Housing ReGrow

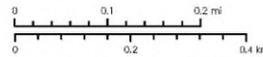


Legend:

- PR-RGRW-00433
- Parcels
- Soil Map Unit Symbol

Soil Map Unit Symbol

- AmC - Almirante clay, 5 to 12 percent slopes
- MsB - Matanzas clay, 2 to 5 percent slopes
- TaF - Tanama-Rock outcrop complex, 20 to 60 percent slopes
- TrB - Torres loamy sand, 2 to 5 percent slopes



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

Source

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



1:8,000

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado

Project (PR-RGRW-00433) Location with Previous Investigations - Aerial Map

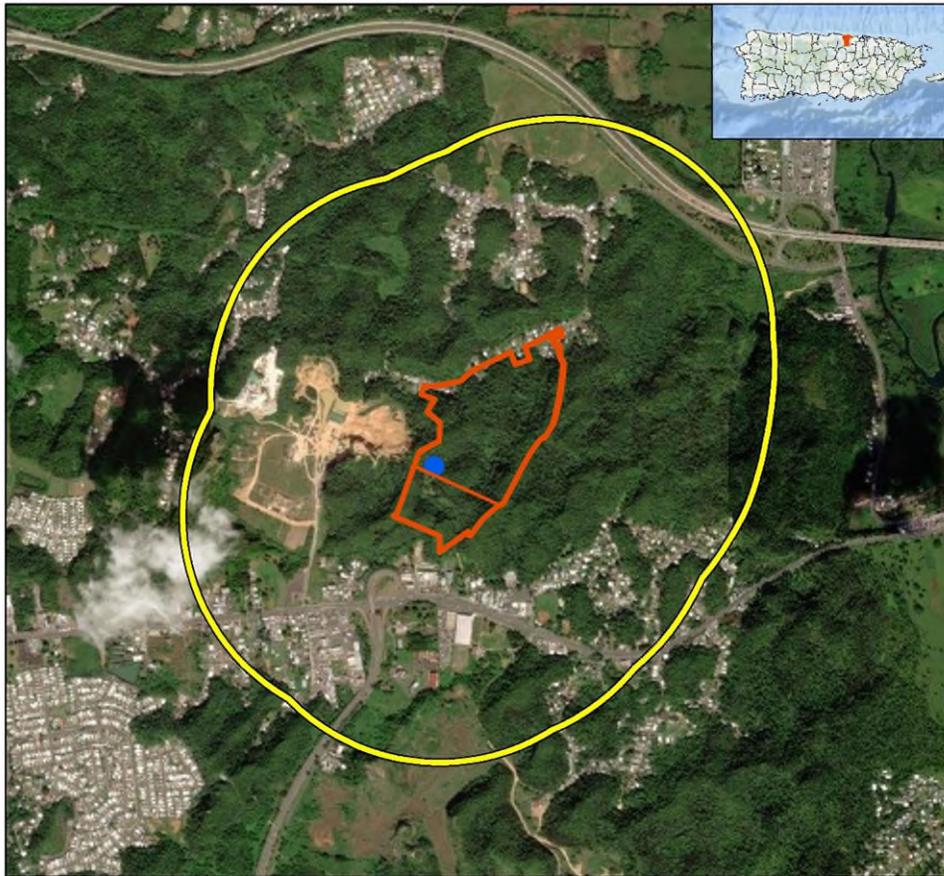
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Consult. Iberia 1 Suite 4-3, Calle Ponce 354, Atrium, San Juan, PR, 00920 Tel: (787) 769-0290

Application ID: PR-RGRW-00433

Previous Investigations Aerial Map

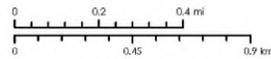
Puerto Rico Department of Housing ReGrow

FINCA GAIA LLC
PR-2 Km. 25.6,
Barrio Maguayo,
Dorado, PR 00646
Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149



Legend:

- PR-RGRW-00433
- Parcels
- 0.5 Mile (0.8Km) Buffer



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



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

1:18,000

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado

**Project (PR-RGRW-00433) Location with Previous Investigations
USGS Topographic Map**

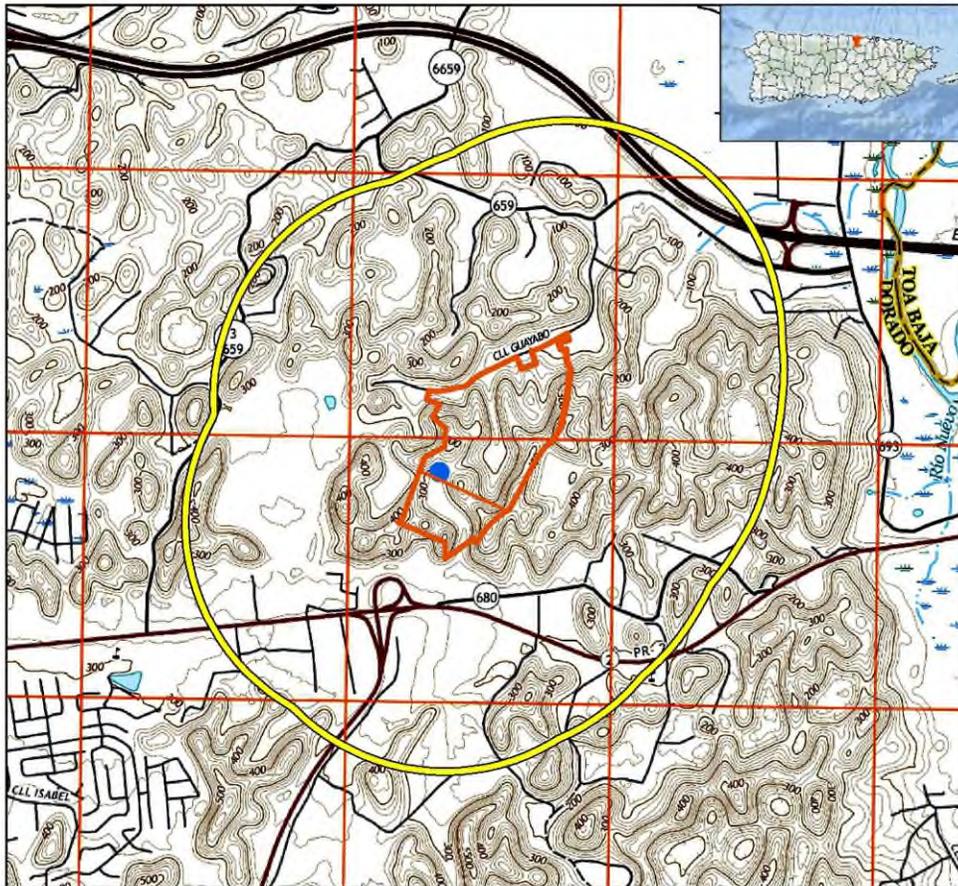
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
CONDOMINIO Y SUITE 2-3, 2388 PRINCIPAL SQ., APT. 204, SAN JUAN, P.R. 00925 (617) 276-8200

Application ID: PR-RGRW-00433

FINCA GAIA LLC
PR-2 Km. 25.6,
Barrio Maguayo,
Dorado, PR 00646
Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149

Previous Investigations Topographic Map

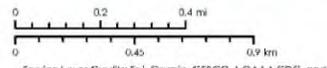
Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Parcels
- 0.5 Mile (0.8Km) Buffer

Quadrangle: Vega Alta



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



Source

United States Geological Survey (USGS)
National Geographic Map Data
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.htm

1:18,000

Photograph Key

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

Application ID: PR-RGRW-00433

FINCA GAIA LLC

PR-2 Km. 25.6.

Barrio Maguayo.

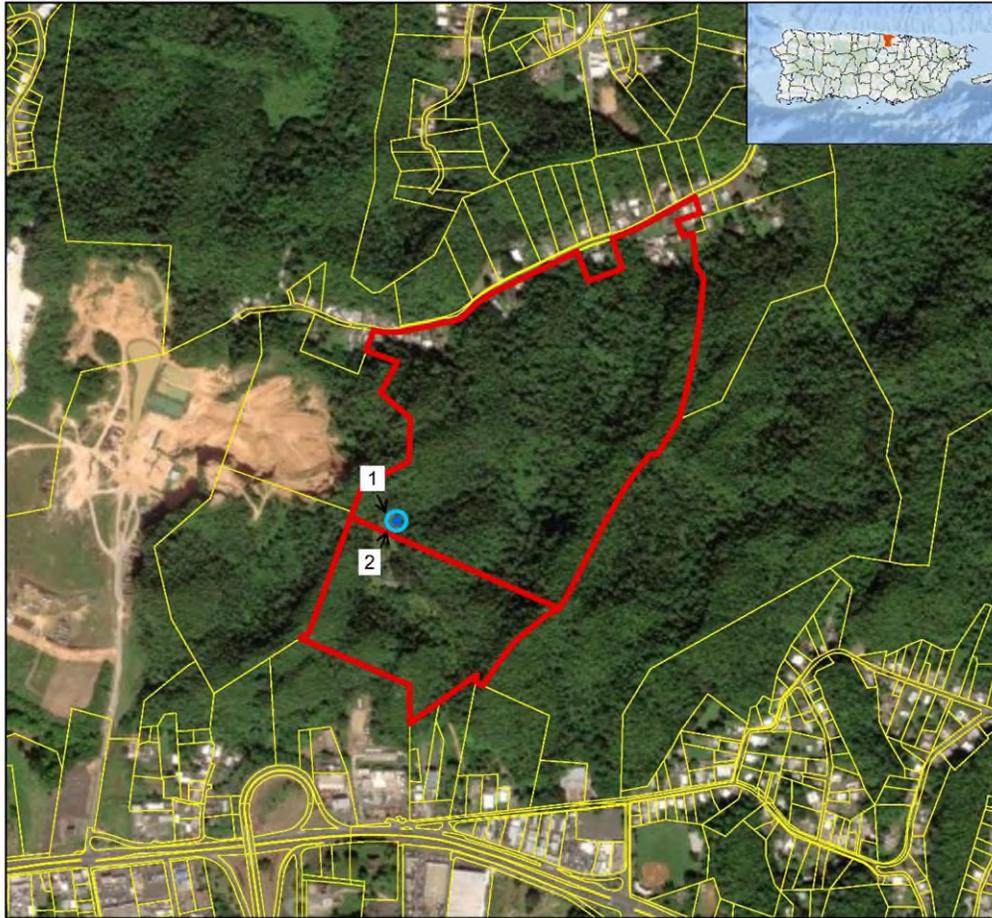
Dorado, PR 00646

Parcels: 059-000-008-87-000 & 059-000-008-99-000

Lat: 18.411518, Long: -66.280149

Area of Potential Effect

Puerto Rico Department of Housing ReGrow

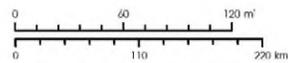


Legend:

- Area of Potential Effect
- PR-RGRW-00433
- Parcels
- CRIM_PARCELAS_2018

Photo legend:

- 1. Water well location looking southeast
- 2. Water well location looking northeast



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

Source

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



1:8,000

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

REGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado



Photo #:1

Description (include direction): Area where the water well will be installed, looking southeast.

Date: September 18, 2023

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

REGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Applicant: Finca Gaia LLC

Case ID: PR-RGRW-00433

City: Dorado



Photo #: 2

Date: September 18, 2023

Description (include direction): Area where the water well will be installed, looking northeast.



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

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 registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

In line 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,

A handwritten signature in blue ink, appearing to be 'JB', is written over the typed name.

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT

Appendix 2: Puerto Rico Nonattainment/ Maintenance Status for each count by year for all pollutants



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 March 31, 2023

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

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

Change the State:

PUERTO RICO

Important Notes

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

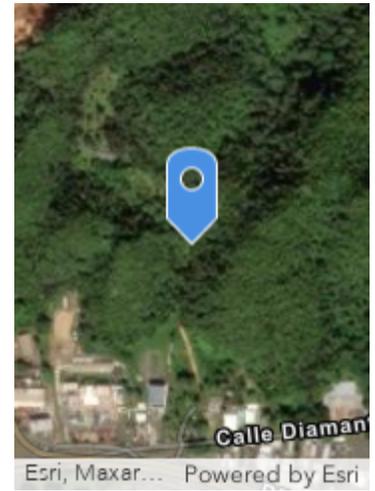
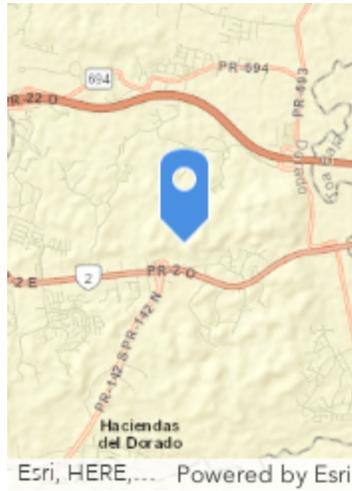
County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11121314151617181920212223	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		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	181920212223	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	181920212223	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	52,441	72/137

Important Notes

Appendix 3: Site Inspection Report and EJScreen Community Report

APPLICANT/LOCATION INFORMATION

Applicant ID:	PR-RGRW-00433
Name:	Finca Gaia LLC
Parcel ID:	059-000-008-87
Latitude:	18.409506572607263
Longitude:	-66.2792239667285
Elevation:	90.81125228758631
Development	
Street Address:	PR-2 Km. 25.6, Barrio Maguayo
Municipio:	Dorado
Zip Code:	00646
Site Inspector:	Patricia Carmenatty
Date of Visit:	September 2, 2023
Time of Visit:	13:00



FIELD OBSERVATIONS

Question	Answer	Notes
1. Is the structure in use?	Yes	
2. Is the structure a greenhouse?	No	
3. Is Electricity connected? (Utilities or Well)	No	
4. Is water connected? (Utilities or Well)	No	
5. 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, etc.)	No	
Are there any 55-gallon drums visible on site? If yes, are they leaking?	Yes	
6. Are there any (or signs of any) underground storage tanks on the property?	No	
7. Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
Is there any stained soil or pavement on the parcel?	N/A	
8. Is a water drainage system in use?	Yes	
9. Is a warehouse in use for storage of Fertilizer or Pesticides?	N/A	
10. Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
11. Is there evidence of a faulty septic system?	No	
12. Is there distressed vegetation on the parcel?	No	
13. Is there any visible indication of mold?	N/A	
14. Is there any visible evidence of asbestos, chipping, and flaking or peeling paint, or hazardous materials present in or on the structure?	No	
15. Are any additional site hazards observed?	No	
16. 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)?	Yes	Small Artificial Pond
17. Does the subject property have water frontage?		
18. Is there any indication of the presence of wetlands?	No	
19. Are there any obvious signs of animals or birds nesting on or near the site?	Yes	
20. 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?	N/A	

Front of Structure

Photo Direction: Southeast

Comments: Entrada Finca



Facing Away from Front

Photo Direction: Northeast

Comments: ~50 pies de la entrasa.
Posible Pozo de agua (opción
descartada)



Side #1 of Structure

Photo Direction: South

Comments:



Facing Away From Side #1

Photo Direction: East

Comments: Platano



Back of Structure

Photo Direction: Southwest

Comments: Cacao



Facing Away from Back

Photo Direction: Northwest

Comments: Caimito, Mango



Side #2 of Structure

Photo Direction: Southwest

Comments: Charca artificial



Facing Away from Side #2

Photo Direction: East

Comments: Lugar dos para pozo de agua (oficial)



Streetscape #1

Photo Direction: East

Comments: Lugar dos para pozo(oficial)



Streetscape #2

Photo Direction: Southwest

Comments: Charca artificial a el lado de posible pozo



Address

Photo Direction: Southeast

Comments: Huerto arboles frutales



Evidence Photo 1

Photo Direction: N/A

Photo Description: Almacenaje



Evidence Photo 2

Photo Direction: N/A

Photo Description: Donde será guardado el UTV y trailer (bajo una carpa)



Evidence Photo 3

Photo Direction: South

Photo Description: arboles frutales



Evidence Photo 4

Photo Direction: West

Photo Description: 1era option pozo ~ 50 pies de la entrada de la finca (opción descartada)



Evidence Photo 5

Photo Direction: West

Photo Description: 1era option para el pozo
(opción descartada)



Evidence Photo 6

Photo Direction: East

Photo Description:



Evidence Photo 7

Photo Direction: South

Photo Description: Estrada para posible pozo
(opción descartada)



Evidence Photo 8

Photo Direction: N/A

Photo Description:

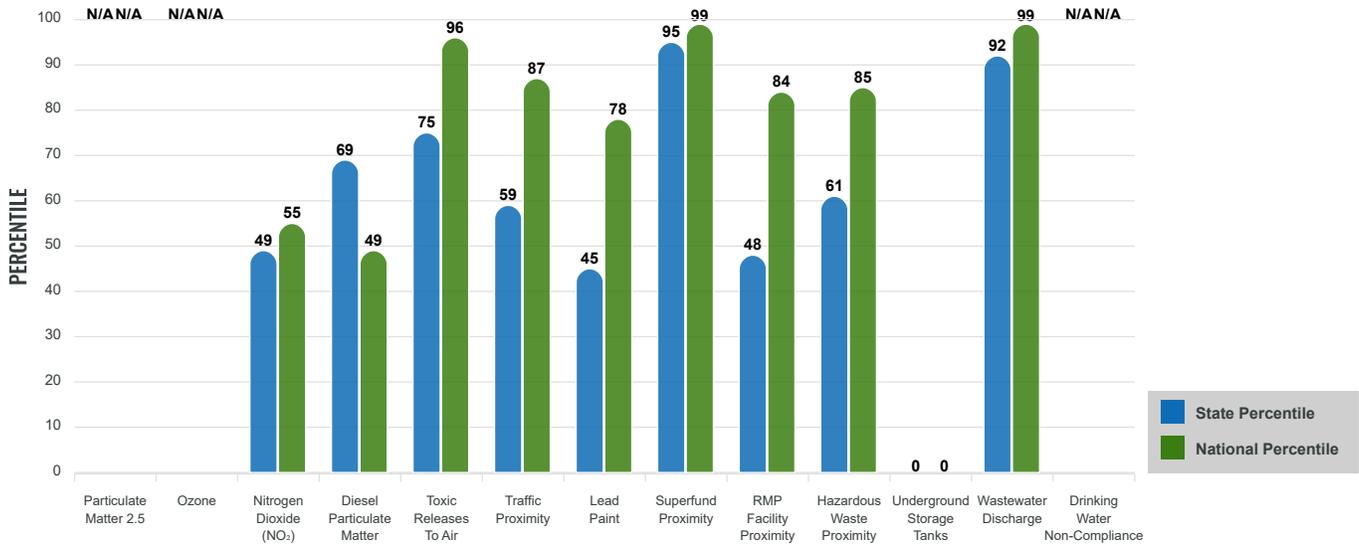
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

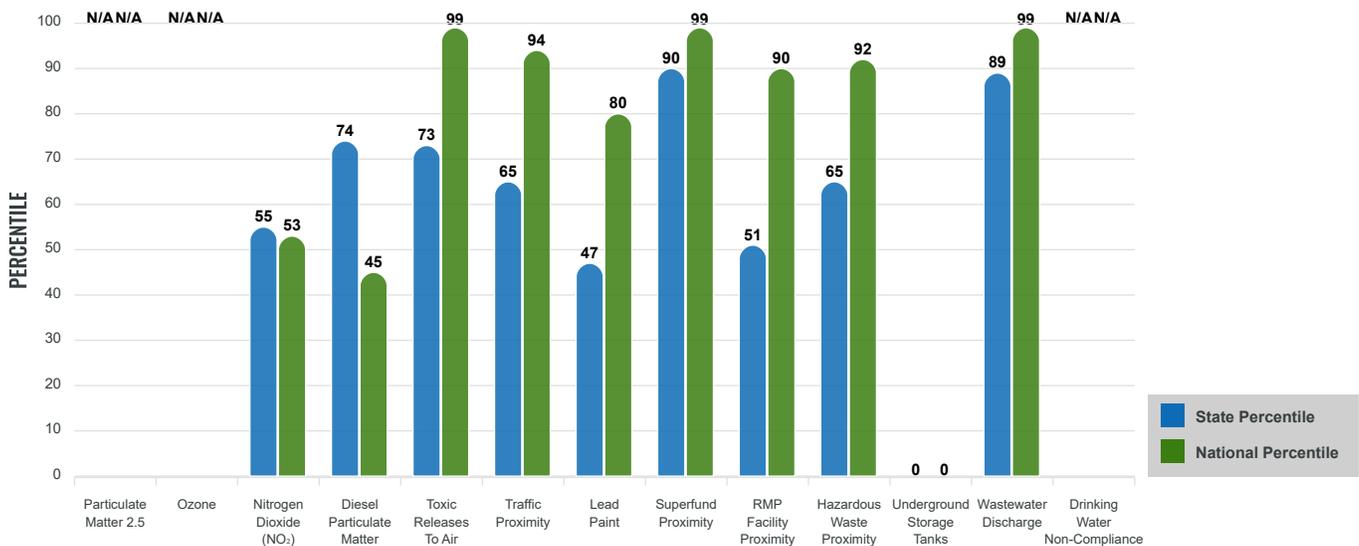
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 1 mile Ring Centered at 18.411518,-66.280150

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 (µg/m ³)	N/A	N/A	N/A	8.45	N/A
Ozone (ppb)	N/A	N/A	N/A	41	N/A
Nitrogen Dioxide (NO ₂) (ppbv)	4.4	5.5	49	7.8	17
Diesel Particulate Matter (µg/m ³)	0.0658	0.0618	66	0.191	14
Toxic Releases to Air (toxicity-weighted concentration)	1,800	4,300	77	4,600	71
Traffic Proximity (daily traffic count/distance to road)	850,000	1,100,000	58	1,700,000	50
Lead Paint (% Pre-1960 Housing)	0.092	0.16	49	0.3	34
Superfund Proximity (site count/km distance)	2.5	0.23	98	0.39	97
RMP Facility Proximity (facility count/km distance)	0.22	0.66	48	0.57	45
Hazardous Waste Proximity (facility count/km distance)	1.1	1.2	59	3.5	47
Underground Storage Tanks (count/km ²)	0	0	0	3.6	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	3900000	670000	92	700000	99
Drinking Water Non-Compliance (points)	N/A	N/A	N/A	2.2	N/A
SOCIOECONOMIC INDICATORS					
Demographic Index USA	3.29	N/A	N/A	1.34	97
Supplemental Demographic Index USA	4.08	N/A	N/A	1.64	99
Demographic Index State	4.74	4.63	41	N/A	N/A
Supplemental Demographic Index State	2.73	2.72	43	N/A	N/A
People of Color	97%	97%	10	40%	94
Low Income	75%	70%	48	30%	96
Unemployment Rate	26%	14%	84	6%	98
Limited English Speaking Households	71%	66%	51	5%	99
Less Than High School Education	28%	20%	71	11%	90
Under Age 5	7%	3%	87	5%	69
Over Age 64	15%	23%	19	18%	44

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	1
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	4
Air Pollution	1
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 1 mile Ring Centered at 18.411518,-66.280150

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	N/A	N/A	20%	N/A
Heart Disease	N/A	N/A	N/A	5.8	N/A
Asthma	N/A	N/A	N/A	10.3	N/A
Cancer	N/A	N/A	N/A	6.4	N/A
Persons with Disabilities	14.9%	22.7%	13	13.7%	63

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	N/A	N/A	N/A	12%	N/A
Wildfire Risk	N/A	N/A	N/A	14%	N/A

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	54%	29%	90	13%	98
Lack of Health Insurance	6%	7%	49	9%	44
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access Burden	No	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for 1 mile Ring Centered at 18.411518,-66.280150
Report produced using EJScreen



Detailed Facility Report

Facility Summary

**TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION
310114**

PR-2 KM 26.1 BO ESPINOSA, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110042422704

EPA Region: 02

Latitude: 18.40644

Longitude: -66.284786

Locational Data Source: RCRAINFO

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000022947)

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		110042422704					N	18.40644	-66.284786
RCRAInfo	RCRA	PRR000022947	VSQG	Active (H)			N	18.40644	-66.284786

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042422704	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310114	PR-2 KM 26.1 BO ESPINOSA, DORADO, PR 00646	Dorado Municipio
RCRAInfo	RCRA	PRR000022947	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310114	CARR #2 KM 26.1 BO ESPINOSA, DORADO, PR 00646	Dorado 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	PRR000022947	44711	Gasoline Stations with Convenience Stores
RCRAInfo	PRR000022947	44719	Other Gasoline Stations

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000022947	No	06/15/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/ Pollutant/ Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000022947)		07/01-09/30/21	10/01-12/31/21	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
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

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

Environmental Justice

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

Potential Environmental Justice Concerns

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

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

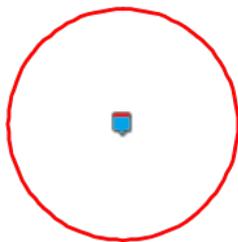
Download Data

Census Block Group ID: 720515407003	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	0	3	7	0	0	4
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	20	41	62	27	64	90
Air Toxics Cancer Risk	37	33	54	17	0	80
Air Toxics Respiratory Hazard Index	23	32	38	18	34	80
Toxic Releases to Air	82	97	99	38	64	94
Traffic Proximity	34	89	98	8	44	74
Lead Paint	0	74	96	0	38	80
Risk Management Plan (RMP) Facility Proximity	52	79	93	13	29	54
Hazardous Waste Proximity	63	88	98	20	48	81
Superfund Proximity	87	99	99	38	75	96
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	86	99	99	35	69	93

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	4,580
Population Density	1,480/sq.mi.
Housing Units in Area	1,896

General Statistics (ACS (American Community Survey))	
Total Persons	3,938
Percent People of Color	99%
Households in Area	1,152
Households on Public Assistance	20
Persons With Low Income	2,008
Percent With Low Income	51%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40644
Center Longitude	-66.284786
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	317 (27.52%)
\$15,000 - \$25,000	152 (13.19%)
\$25,000 - \$50,000	244 (21.18%)
\$50,000 - \$75,000	216 (18.75%)
Greater than \$75,000	223 (19.36%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	311 (7%)
Minors 17 years and younger	1,273 (28%)
Adults 18 years and older	3,307 (72%)
Seniors 65 years and older	471 (10%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,121 (68%)
African-American	736 (16%)
Hispanic-Origin	4,539 (99%)
Asian/Pacific Islander	9 (0%)
American Indian	40 (1%)
Other/Multiracial	673 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	282 (10.78%)
9th through 12th Grade	176 (6.73%)
High School Diploma	717 (27.4%)
Some College/2-year	275 (10.51%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	868 (33.17%)



Detailed Facility Report

Facility Summary

DORADO QUARRIES & RECYCLING

ROAD #2 BO. ESPINOSA, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110010415862

EPA Region: 02

Latitude: 18.408611

Longitude: -66.283611

Locational Data Source: AIRS/AFS

Industries: Mining (except Oil and Gas)

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	06/07/2016
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (PR0000007205100006)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110010415862					N	18.408611	-66.283611
ICIS-Air	CAA	PR0000007205100006	Minor Emissions	Operating	CAANSPS, CAASIP		N	18.408611	-66.283611

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110010415862	DORADO QUARRIES & RECYCLING	ROAD #2 BO. ESPINOSA, DORADO, PR 00646	Dorado Municipio
ICIS-Air	CAA	PR0000007205100006	DORADO QUARRIES & RECYCLING	ROAD #2 KM 25.5 BO. MAGUAYO, DORADO, PR 00620	Dorado Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007205100006	3295	Minerals, Ground Or Treated

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007205100006	212399	All Other Nonmetallic Mineral Mining

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
CAA	PR0000007205100006	No	06/15/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: PR0000007205100006)		07/01-09/30/21	10/01-12/31/21	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
	Facility-Level Status	No Violation Identified											
	HPV History												
	Violation Type	Agency	Programs	Pollutants									

Informal Enforcement Actions Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

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

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

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

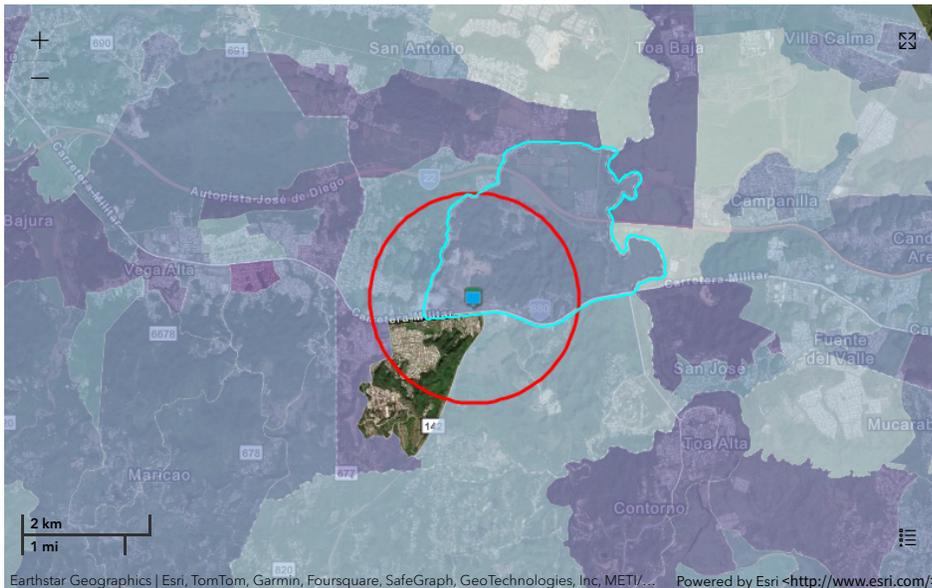
Download Data

Census Block Group ID: 720515406001	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	6	3	7	1	0	4
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	53	40	62	86	62	90
Air Toxics Cancer Risk	53	33	54	72	0	80
Air Toxics Respiratory Hazard Index	36	31	38	72	33	80
Toxic Releases to Air	99	96	99	82	63	94
Traffic Proximity	98	89	98	74	42	74
Lead Paint	93	75	96	68	40	80
Risk Management Plan (RMP) Facility Proximity	89	78	93	44	28	54
Hazardous Waste Proximity	95	87	98	62	45	81
Superfund Proximity	99	99	99	95	74	96
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	99	98	99	89	67	93

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	4,566
Population Density	1,438/sq.mi.
Housing Units in Area	1,892

General Statistics (ACS (American Community Survey))	
Total Persons	3,755
Percent People of Color	98%
Households in Area	1,110
Households on Public Assistance	21
Persons With Low Income	2,050
Percent With Low Income	55%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.408611
Center Longitude	-66.283611
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	318 (28.67%)
\$15,000 - \$25,000	149 (13.44%)
\$25,000 - \$50,000	242 (21.82%)
\$50,000 - \$75,000	191 (17.22%)
Greater than \$75,000	209 (18.85%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	301 (7%)
Minors 17 years and younger	1,250 (27%)
Adults 18 years and older	3,316 (73%)
Seniors 65 years and older	496 (11%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,026 (66%)
African-American	789 (17%)
Hispanic-Origin	4,527 (99%)
Asian/Pacific Islander	8 (0%)
American Indian	47 (1%)
Other/Multiracial	696 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	303 (12.05%)
9th through 12th Grade	165 (6.56%)
High School Diploma	695 (27.63%)
Some College/2-year	258 (10.26%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	807 (32.09%)



Detailed Facility Report

Facility Summary

LOS MONTES SEWER COLLECTION SYSTEM

PR-2 KM 9.7, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110030900087

EPA Region: 02

Latitude: 18.40691

Longitude: -66.281808

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	05/10/2007
Compliance Status	Not Applicable
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, (PRU201860)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110030900087					N	18.40691	-66.281808
ICIS-NPDES	CWA	PRU201860	Non-Major: Unpermitted Facility				N	18.40691	-66.281808

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110030900087	LOS MONTES SEWER COLLECTION SYSTEM	PR-2 KM 9.7, DORADO, PR 00646	Dorado Municipio
ICIS-NPDES	CWA	PRU201860	LOS MONTES SEWER COLLECTION SYSTEM	STATE RD #2, KM 9.7, DORADO, PR 00646	Dorado 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
No data records returned				No data records returned			

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

Enforcement and Compliance

Compliance Monitoring History

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRU201860	No	03/31/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/ Pollutant/ Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRU201860)		04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	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	04/01-06/14/24
	Facility-Level Status	Not Applicable												
	Quarterly Noncompliance Report History													

Informal Enforcement Actions

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

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

Formal Enforcement Actions

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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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?
210100020107	Rio Cibuco-Cienaga Prieta-Laguna Tortuguero Coastal Watershed	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2022	PRNE9A	RIO CIBUCO ESTUARY	Unknown	--	--	Insufficient Information	--	Insufficient Information	--

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

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
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No data records returned

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

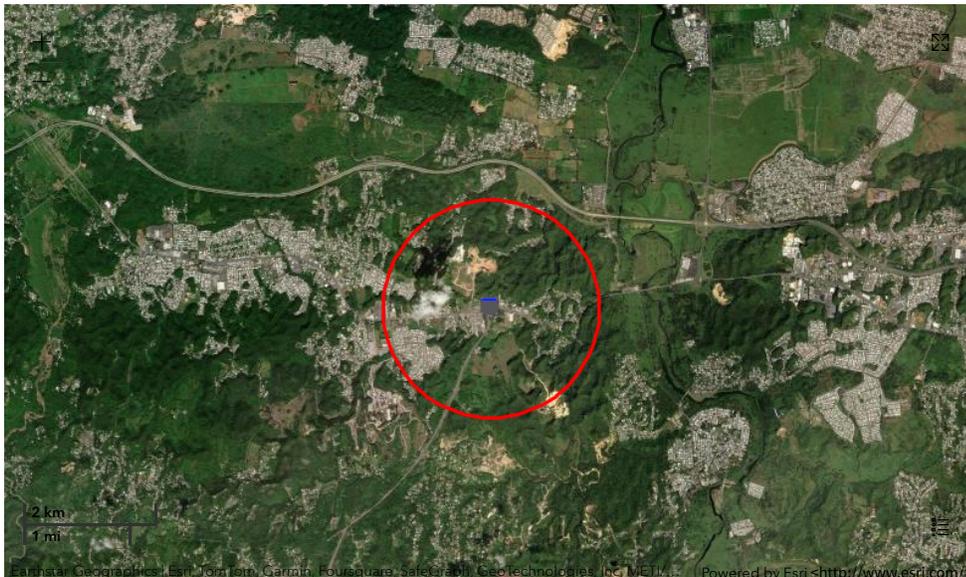
Download Data

Census Block Group ID: 720515406001 Supplemental Indexes	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	3	7	1	0	4
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	53	41	62	86	63	90
Air Toxics Cancer Risk	53	33	54	72	0	80
Air Toxics Respiratory Hazard Index	36	31	38	72	34	80
Toxic Releases to Air	99	97	99	82	64	94
Traffic Proximity	98	88	98	74	42	74
Lead Paint	93	77	96	68	41	80
Risk Management Plan (RMP) Facility Proximity	89	79	93	44	30	54
Hazardous Waste Proximity	95	87	98	62	45	81
Superfund Proximity	99	99	99	95	74	96
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	99	99	99	89	68	93

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	4,187
Population Density	1,330/sq.mi.
Housing Units in Area	1,712

General Statistics (ACS (American Community Survey))	
Total Persons	3,566
Percent People of Color	98%
Households in Area	1,030
Households on Public Assistance	22
Persons With Low Income	1,899
Percent With Low Income	53%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40691
Center Longitude	-66.281808
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	290 (28.16%)
\$15,000 - \$25,000	140 (13.59%)
\$25,000 - \$50,000	221 (21.46%)
\$50,000 - \$75,000	186 (18.06%)
Greater than \$75,000	193 (18.74%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	271 (6%)
Minors 17 years and younger	1,132 (27%)
Adults 18 years and older	3,055 (73%)
Seniors 65 years and older	469 (11%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,753 (66%)
African-American	745 (18%)
Hispanic-Origin	4,156 (99%)
Asian/Pacific Islander	6 (0%)
American Indian	46 (1%)
Other/Multiracial	639 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	270 (11.34%)
9th through 12th Grade	166 (6.97%)
High School Diploma	676 (28.39%)
Some College/2-year	236 (9.91%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	769 (32.3%)

Showing reports 1 to 2 of 2



Detailed Facility Report

Facility Summary
ADRIEL AUTO CORP

PR-2 KM 23.0, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110031390144

EPA Region: 02

Latitude: 18.40691

Longitude: -66.281808

Locational Data Source: RCRAINFO

Industries: Repair and Maintenance

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000019422)

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>>



Detailed Facility Report

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031390144					N	18.40691	-66.281808
RCRAInfo	RCRA	PRR000019422	VSQG	Active (H)			N	18.40691	-66.281808

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031390144	ADRIEL AUTO CORP	PR-2 KM 23.0, DORADO, PR 00646	Dorado Municipio
RCRAInfo	RCRA	PRR000019422	ADRIEL AUTO CORP	CARR 2 KM 23.0, DORADO, PR 00646	Dorado 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	PRR000019422	811111	General Automotive Repair

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	PRR000019422	No	06/15/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000019422)		07/01-09/30/21	10/01-12/31/21	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
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 16/3/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000019422	Hazardous Waste	1,286	1,339	1,320	--
PRR000019422	Acute Hazardous Waste	0	0	0	--
PRR000019422	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.

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720515406001	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	3	7	1	0	4
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	53	41	62	86	63	90
Air Toxics Cancer Risk	53	33	54	72	0	80
Air Toxics Respiratory Hazard Index	36	31	38	72	34	80
Toxic Releases to Air	99	97	99	82	64	94
Traffic Proximity	98	88	98	74	42	74
Lead Paint	93	77	96	68	41	80
Risk Management Plan (RMP) Facility Proximity	89	79	93	44	30	54
Hazardous Waste Proximity	95	87	98	62	45	81
Superfund Proximity	99	99	99	95	74	96
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	99	99	99	89	68	93

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	4,187
Population Density	1,330/sq.mi.
Housing Units in Area	1,712

General Statistics (ACS (American Community Survey))	
Total Persons	3,566
Percent People of Color	98%
Households in Area	1,030
Households on Public Assistance	22
Persons With Low Income	1,899
Percent With Low Income	53%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.40691
Center Longitude	-66.281808
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	290 (28.16%)
\$15,000 - \$25,000	140 (13.59%)
\$25,000 - \$50,000	221 (21.46%)
\$50,000 - \$75,000	186 (18.06%)
Greater than \$75,000	193 (18.74%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	271 (6%)
Minors 17 years and younger	1,132 (27%)
Adults 18 years and older	3,055 (73%)
Seniors 65 years and older	469 (11%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,753 (66%)
African-American	745 (18%)
Hispanic-Origin	4,156 (99%)
Asian/Pacific Islander	6 (0%)
American Indian	46 (1%)
Other/Multiracial	639 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	270 (11.34%)
9th through 12th Grade	166 (6.97%)
High School Diploma	676 (28.39%)
Some College/2-year	236 (9.91%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	769 (32.3%)

Facility Summary

ADRIEL AUTO

ROUTE 2 KM 23.0, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110071100016

EPA Region: 02

Latitude: 18.409425

Longitude: -66.261364

Locational Data Source: SEMS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071100016					N	18.409425	-66.261364
SEMS	CERCLA	PRR000019422		NOT ON THE NPL			N	18.409425	-66.261364

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071100016	ADRIEL AUTO	ROUTE 2 KM 23.0, DORADO, PR 00646	Dorado Municipio
SEMS	CERCLA	PRR000019422	ADRIEL AUTO	ROUTE 2 KM 23.0, DORADO, PR 00646	

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

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
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No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions

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

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

Formal Enforcement Actions

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (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

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720515406001	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Supplemental Indexes						
Count of Indexes At or Above 90th Percentile	6	7	7	1	1	7
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	53	58	77	86	83	94
Air Toxics Cancer Risk	53	35	55	72	0	91
Air Toxics Respiratory Hazard Index	36	35	40	72	59	91
Toxic Releases to Air	99	99	99	82	83	96
Traffic Proximity	98	91	99	74	49	76
Lead Paint	93	92	99	68	65	93
Risk Management Plan (RMP) Facility Proximity	89	92	98	44	50	72
Hazardous Waste Proximity	95	90	95	62	48	62
Superfund Proximity	99	99	99	95	90	99
Underground Storage Tanks (UST)	0	0	95	0	0	71
Wastewater Discharge	99	99	99	89	85	97

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	2,502
Population Density	809/sq.mi.
Housing Units in Area	1,034

General Statistics (ACS (American Community Survey))	
Total Persons	2,581
Percent People of Color	98%
Households in Area	817
Households on Public Assistance	56
Persons With Low Income	1,760
Percent With Low Income	69%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.409425
Center Longitude	-66.261364
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	294 (35.99%)
\$15,000 - \$25,000	143 (17.5%)
\$25,000 - \$50,000	211 (25.83%)
\$50,000 - \$75,000	81 (9.91%)
Greater than \$75,000	88 (10.77%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	137 (5%)
Minors 17 years and younger	599 (24%)
Adults 18 years and older	1,902 (76%)
Seniors 65 years and older	347 (14%)

Race Breakdown (U.S. Census) - Persons (%)	
White	1,565 (63%)
African-American	494 (20%)
Hispanic-Origin	2,485 (99%)
Asian/Pacific Islander	1 (0%)
American Indian	24 (1%)
Other/Multiracial	417 (17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	276 (14.75%)
9th through 12th Grade	189 (10.1%)
High School Diploma	493 (26.35%)
Some College/2-year	280 (14.97%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	436 (23.3%)



Detailed Facility Report

Facility Summary

GULBRANDSEN PUERTO RICO, INC.

ROAD PR-2, KM. 25.0, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110071064501

EPA Region: 02

Latitude: 18.4079

Longitude: -66.2805

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (PRNOEJ001)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071064501					N	18.4079	-66.2805
ICIS-NPDES	CWA	PRNOEJ001	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	08/12/2024	N	18.4079	-66.2805
TSCA	TSCA	TSCA10172784					N	18.4079	-66.2805

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071064501	GULBRANDSEN PUERTO RICO, INC.	ROAD PR-2, KM. 25.0, DORADO, PR 00646	Dorado Municipio
ICIS-NPDES	CWA	PRNOEJ001	GULBRANDSEN PUERTO RICO, INC.	ROAD PR-2, KM. 25.0, DORADO, PR 00646	
TSCA	TSCA	TSCA10172784	GULBRANDSEN PUERTO RICO, INC.	ROAD PR-2, KM. 25.0, DORADO, PR 00646	Dorado Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRNOEJ001	2869	Industrial Organic Chemicals

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRNOEJ001	No	03/31/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRNOEJ001)		04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	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	04/01-06/14/24
	Facility-Level Status	No Violation Identified	Undetermined											
	Quarterly Noncompliance Report History													

Informal Enforcement Actions

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

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

Formal Enforcement Actions

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100020107	Rio Cibuco-Cienaga Prieta-Laguna Tortuguero Coastal Watershed	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2022	PRNE9A	RIO CIBUCO ESTUARY	Unknown	--	--	Insufficient Information	--	Insufficient Information	--

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

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
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No data records returned

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles ≥ 90 (Census block group)
- Supplemental/EJ index percentiles ≥ 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

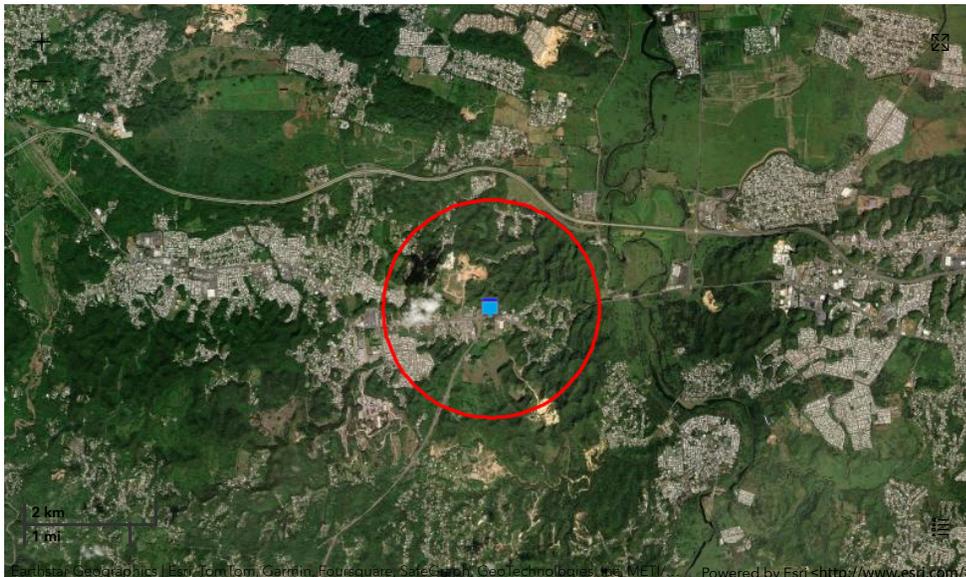
Download Data

Census Block Group ID: 720515406001	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	6	5	6	1	1	1
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	53	50	53	86	81	86
Air Toxics Cancer Risk	53	35	53	72	0	72
Air Toxics Respiratory Hazard Index	36	34	36	72	57	72
Toxic Releases to Air	1 99	1 99	1 99	82	77	82
Traffic Proximity	1 98	1 96	1 98	74	61	74
Lead Paint	1 93	87	1 93	68	55	68
Risk Management Plan (RMP) Facility Proximity	89	87	1 90	44	41	46
Hazardous Waste Proximity	1 95	1 93	1 95	62	58	73
Superfund Proximity	1 99	1 99	1 99	1 95	1 90	1 95
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	1 99	1 99	1 99	89	84	89

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	3,998
Population Density	1,300/sq.mi.
Housing Units in Area	1,636

General Statistics (ACS (American Community Survey))	
Total Persons	3,402
Percent People of Color	98%
Households in Area	981
Households on Public Assistance	22
Persons With Low Income	1,912
Percent With Low Income	56%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.4079
Center Longitude	-66.2805
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	286 (29.12%)
\$15,000 - \$25,000	137 (13.95%)
\$25,000 - \$50,000	220 (22.4%)
\$50,000 - \$75,000	167 (17.01%)
Greater than \$75,000	172 (17.52%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	252 (6%)
Minors 17 years and younger	1,072 (27%)
Adults 18 years and older	2,927 (73%)
Seniors 65 years and older	472 (12%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,580 (65%)
African-American	749 (19%)
Hispanic-Origin	3,970 (99%)
Asian/Pacific Islander	4 (0%)
American Indian	45 (1%)
Other/Multiracial	621 (16%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	282 (12.27%)
9th through 12th Grade	165 (7.18%)
High School Diploma	663 (28.84%)
Some College/2-year	221 (9.61%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	721 (31.36%)



Detailed Facility Report

Facility Summary

SILVERIO & SONS TRANS

BO ESPINOSA CARR #2 KM 25.2, DORADO, PR 00646

FRS (Facility Registry Service) ID: 110032659282

EPA Region: 02

Latitude: 18.405614

Longitude: -66.276186

Locational Data Source: RCRAINFO

Industries: Repair and Maintenance

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	08/13/2009
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, (PRR000020487)

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		110032659282					N	18.405614	-66.276186
RCRAInfo	RCRA	PRR000020487	VSQG	Active (H)			N	18.405614	-66.276186

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110032659282	SILVERIO & SONS TRANS	BO ESPINOSA CARR #2 KM 25.2, DORADO, PR 00646	Dorado Municipio
RCRAInfo	RCRA	PRR000020487	SILVERIO & SONS TRANS	BO ESPINOSA CARR #2 KM 25.2, DORADO, PR 00646	Dorado 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	PRR000020487	811111	General Automotive Repair

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000020487	No	06/15/2024	0	06/14/2024

Three-Year Compliance History by Quarter

Statute	Program/ Pollutant/ Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000020487)		07/01-09/30/21	10/01-12/31/21	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
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions

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

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

Formal Enforcement Actions

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

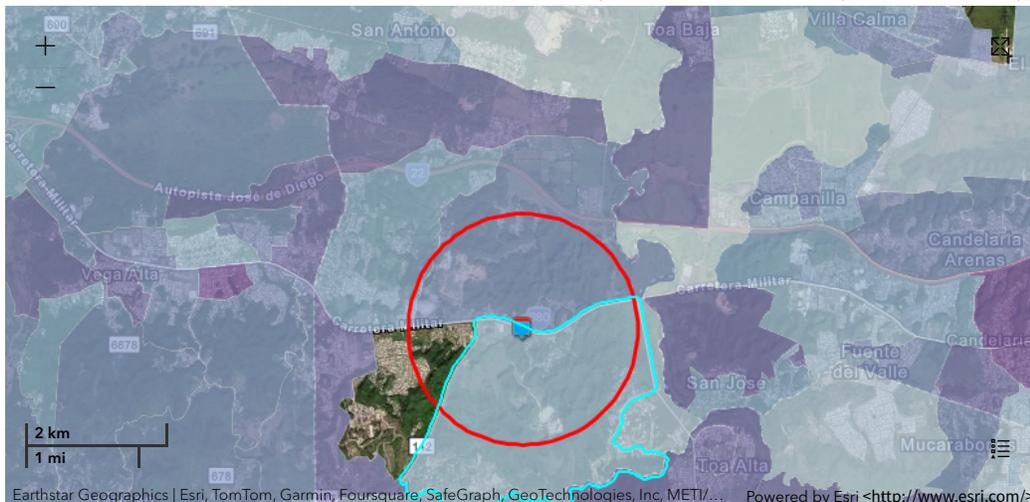
Download Data

Census Block Group ID: 720515407001	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	4	5	6	0	0	1
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	51	52	53	75	80	86
Air Toxics Cancer Risk	52	35	53	44	0	72
Air Toxics Respiratory Hazard Index	33	34	36	45	56	72
Toxic Releases to Air	99	99	99	78	79	82
Traffic Proximity	82	94	98	35	54	74
Lead Paint	86	89	93	53	59	68
Risk Management Plan (RMP) Facility Proximity	90	89	90	46	44	46
Hazardous Waste Proximity	87	91	95	43	52	73
Superfund Proximity	99	99	99	82	89	95
Underground Storage Tanks (UST)	0	0	--	0	0	--
Wastewater Discharge	99	99	99	77	83	89

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) 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 (U.S. Census)	
Total Persons	3,386
Population Density	1,102/sq.mi.
Housing Units in Area	1,422

General Statistics (ACS (American Community Survey))	
Total Persons	2,990
Percent People of Color	98%
Households in Area	844
Households on Public Assistance	23
Persons With Low Income	1,753
Percent With Low Income	59%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.405614
Center Longitude	-66.276186
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	254 (30.06%)
\$15,000 - \$25,000	136 (16.09%)
\$25,000 - \$50,000	192 (22.72%)
\$50,000 - \$75,000	137 (16.21%)
Greater than \$75,000	126 (14.91%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	192 (6%)
Minors 17 years and younger	845 (25%)
Adults 18 years and older	2,541 (75%)
Seniors 65 years and older	444 (13%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,105 (62%)
African-American	673 (20%)
Hispanic-Origin	3,363 (99%)
Asian/Pacific Islander	3 (0%)
American Indian	39 (1%)
Other/Multiracial	565 (17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	247 (11.92%)
9th through 12th Grade	185 (8.93%)
High School Diploma	638 (30.79%)
Some College/2-year	170 (8.2%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	633 (30.55%)

Appendix 4: USFWS Informal Consultation Package and supporting documentation

From: [Roman, Damaris](#)
To: [environmentcdbg](#)
Subject: Re: [EXTERNAL] RE: CDBG-DR PR-RGRW-00433 Finca Gaia LLC
Date: Tuesday, September 24, 2024 10:46:33 AM
Attachments: [image002.png](#)

Good Morning

The Service acknowledges receipt of PRDOH acceptance of changes in effect determination for the plant species from NE to NLAA and implementation of conservation measures as recommended by the Service on September 24, 2024. Keep this email for your records.

Thanks

**** If you need assistance, please contact me at emails or mobile below. If you are sending a request for technical assistance or Section 7 consultation, please contact us at Caribbean_es@fws.gov****

Need a project evaluation? Please visit our [Consultation Guidelines](#) website.

Cordially,

Damaris Román Ruiz

*Biological Science Technician
US Fish and Wildlife Service
Caribbean Ecological Service Field Office
P.O Box 491/Road 301 km 5.1
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damaris_roman@fws.gov
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*Office Homepage: <https://www.fws.gov/southeast/caribbean/>
Facebook: <https://www.facebook.com/USFWSCaribbean?ref=hl>
Flicker: <https://www.flickr.com/photos/usfwssoutheast/sets/72157626859158391/>*

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, September 24, 2024 10:27 AM
To: Caribbean ES, FW4 <Caribbean_ES@fws.gov>
Cc: Roman, Damaris <damaris_roman@fws.gov>
Subject: [EXTERNAL] RE: CDBG-DR PR-RGRW-00433 Finca Gaia LLC

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

To whom it may concern:

In order to complete the environmental review process, attached please find a letter of acceptance by PRDOH regarding the case PR-RGRW-00433 for the CDBG-DR Re-Grow PR Urban-Rural Agriculture Program. This document also contains the confirmation of the implementation of the conservation measures regarding this case.

Should you need additional information, do not hesitate to contact us.

Cordially,

Permits and Environmental Compliance Division

Disaster Recovery Office

environmentcdbg@vivienda.pr.gov | 787.274.2527

Visit us: recuperacion.pr.gov

Contact us: infocdbg@vivienda.pr.gov

DEPARTAMENTO DE LA
VIVIENDA



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From: Roman, Damaris <damaris_roman@fws.gov>

Sent: Tuesday, September 24, 2024 9:33 AM

To: Juan C. Perez-Bofill <jcperez@vivienda.pr.gov>
Cc: environmentcdbg <environmentcdbg@vivienda.pr.gov>; Ortiz, Wilfrido G <wilfrido.g.ortiz@hud.gov>; Allison Cullett <allison.cullett@horne.com>; anais.rodriguez@drna.pr.gov; Farel S. Velazquez Cancel <fvelazquez@drna.pr.gov>
Subject: CDBG-DR PR-RGRW-00433 Finca Gaia LLC

Mr. Pérez

See attached file regarding the referenced project. Should you have any questions, contact us at caribbean_es@fws.gov

Thanks

**** If you need assistance, please contact me at emails or mobile below. If you are sending a request for technical assistance or Section 7 consultation, please contact us at Caribbean_es@fws.gov****

Need a project evaluation? Please visit our [Consultation Guidelines](#) website.

Cordially,

Damaris Román Ruiz

*Biological Science Technician
US Fish and Wildlife Service
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September 24, 2024

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

**RE: Puerto Rico Department of Housing / Re-Grow Program
Finca Gaia LLC (PR-RGRW-00433)
Effect Determination Acceptance**

To whom it may concern:

The Puerto Rico Department of Housing (PRDOH) acknowledges receipt of the US Fish and Wildlife Service correspondence dated on September 24, 2024 for the project PR-RGRW-00433. According to Section 7(a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), PRDOH confirms the acceptance to the reconsideration of the No Effect (NE) determination for the Palo de Ramón and *Daphnosis helleriana* to a May Affect, but is Not Likely to Adversely Affect (NLAA) determination, as well as the implementation of the pertinent conservation measures for the Palo de Ramón, *Daphnosis helleriana* and Puerto Rican Boa.

As it is stated, with this communication, the PRDOH completes its responsibility under Section 7 of the Endangered Species Act with the Services' requirements for concurrence.

Should you need additional information, do not hesitate to contact our office.

Sincerely,

Permits and Environmental Compliance Division
Disaster Recovery Office
environmentcdbg@vivienda.pr.gov | (787)274-2527 ext. 4320



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Bayamón | Mayagüez | Maricao | Río Grande | St Croix
P.O. Box 491
Boquerón, Puerto Rico 00622



In Reply Refer to:
FWS/R4/CESFO/72051-Gen

Submitted Via Electronic Mail: jcperez@vivienda.pr.gov

Juan Carlos Pérez-Bofill, PE, MEng.
Director – Disaster Recovery CDBG-DR Program
Puerto Rico Department of Housing
P.O. Box 21365
San Juan, P.R 00928-1365

Re: CDBG-DR PR-RGRW-00433 Finca Gaia
LLC, Dorado, Puerto Rico

Dear Mr. Pérez-Bofill

Thank you for your letter dated August 26, 2024, requesting informal consultation on the above referenced project. As per your request, our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The Puerto Rico Department of Housing (PRDOH) is proposing the installation and construction of a 400 feet (ft) long water well with a transitional diameter of 12 inches for the initial 40 ft and a subsequent diameter of 10 inches for the remaining 360 ft. The proposed water well will be located on State Road PR-693, Bo. Maguayo (18°24'41.5"N 66°16'48.5"W) in the municipality of Dorado. The installation of the water well will require ground disturbance as well as clearing of vegetation and small bushes. However, tree removal won't be necessary.

Using the U.S. Fish and Wildlife Service's (Service) Information for Planning and Consultation (IPaC) system, the PRDOH has determined that the proposed project site is located within the range of Puerto Rican boa (*Chilabothrus inornatus*) and the plants, Palo de Ramón (*Banara vanderbiltii*) and *Daphnosis helleriana* (no common name).

PRDOH used the Caribbean Determination Key (DKey) in the IPaC application to evaluate the potential impacts of the proposed project on federally listed species (Project code: 2024-0106184). Based on the answers provided, a consistency letter was obtained for the Puerto Rican boa, which determined that the proposed actions for this project may affect, but is not likely to adversely affect (NLAA) this species. Conservation measures will be implemented. The Service acknowledges receipt of the NLAA consistency letter for the Puerto Rican boa.

As for Palo de Ramón and *Daphnosis helleriana*. based on the nature of the project, scope of work, information available, analysis of the existing habitat, PRDOH has determined that the proposed project has no effect (NE) on these plant species since they were not seen in the project area during a site visit.

We have reviewed the information provided and in our files, and since the project site is completely surrounded by forested areas and ground disturbance, clearing of vegetation and small bushes will occur, the Service believes that the proposed project may affect but is not likely to adversely affect Palo de Ramón and *Daphnosis helleriana*. Therefore, the Service recommends PRDOH to reconsider its NE determination for these plant species to a NLAA. Also, the Service recommends PRDOH that before initiating any work within the range of listed plant species and in areas with suitable habitat, applicants must conduct plant surveys. In the event that listed species are discovered at the project site, the Service must be notified. The Applicant must develop conservation measures to minimize or avoid impacts on those species and share those measures with the Service for evaluation and approval. If no listed plants are found during surveys, no further action is required. However, if a listed plant species is found while the project is being conducted, project personnel shall stop work, and the Service should be contacted for further technical assistance. Service's point of contacts:

- José Cruz-Burgos, Endangered Species Program Coordinator, Mobile: 305-304-1386, Office: 786-244-0081, jose_cruz-burgos@fws.gov.
- Omar Monsegur, Fish and Wildlife Biologist, Mobile: (305) 304-0292, omar_monsegur@fws.gov.

This consultation will be completed once we receive PRDOH's confirmation of the NLAA determination for the plant species with the implementation of the above mentioned conservation measures.

Thank you for the opportunity to comment on this project. If you have any questions or require additional information, please contact us via email at caribbean_es@fws.gov or by phone at (786) 244-0081.

Sincerely,

**LOURDES
MENA**

Digitally signed by
LOURDES MENA
Date: 2024.09.24
08:36:34 -0400

**Lourdes Mena
Field Supervisor**

drr

cc:
HORNE
HUD

August 12, 2024

Lourdes Mena
Field Supervisor
Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
Office Park I, Suite 303
State Road #2 Km 156.5
Mayagüez, Puerto Rico 00680
Email: Caribbean_es@fws.gov;
Lourdes_Mena@fws.gov

RE: Informal Consultation for Case PR-RGRW-00433 located at Barrio Maguayo, Carretera 693, Dorado, PR 00646.

Dear Ms. Mena:

The Puerto Rico Department of Housing is requiring informal consultation under Section 7 (a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the proposed project PR-RGRW-00433, located at coordinates for the water well: latitude 18.411518, longitude -66.280149 on Barrio Maguayo, Carretera 693, Dorado, PR 00646., see Figure 1: Location Map and Figure 2: Topographic Map. The project is part of the Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) that aims to increase agricultural capacity while promoting and increasing food security inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities.

The proposed activities for PR-RGRW-00433 consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet. The water well will be installed following the standards and regulations of the Puerto Rico Department of Natural and Environmental Resources (DNER). The applicant must also obtain a franchise or authorization with the DNER to extract water from an aquifer. The water to be extracted will be solely for agricultural use. The installation of the water well will require ground disturbance. Tree removal won't be required for installation, but clearing vegetation and small bushes will be necessary. The well installation aims to alleviate water scarcity in dry seasons and adapt to rapid climate fluctuations. The power needed to operate the water well pump will come from a diesel generator supplied by the applicant. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 9 years. The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the construction of the new water well, see Figure 3: Area of Potential Effect.

Existing Conditions and Trends:

The proposed project parcels 059-000-008-87-000 & 059-000-008-99-000 is designated as Not Prime Farmland, See Figure 4: Farmland Protection Map. The project area is located in a rural area of Dorado. The area where the water well will be placed has a flat topography, refer to Photo 1 and Photo 2. The

area where the water well will be installed may require removal of vegetation, such as small bushes, however, tree removal won't be required. The soil in the project area is Tanamá-Rock outcrop complex, 20 to 60 percent slopes (TaF). The land has been used for agricultural uses for the past 9 years and the proposed project will not change the land use associated with these placements. The closer Final Critical Habitat is located 18,815 feet from the project location, see Figure 5: Critical Habitats Map. There is no wetland in or near the project location, see Figure 6: Wetlands Map.

Using the Information for Planning and Consultation (IPaC) system (See Exhibit B), we have determined that the proposed project lies within the range of the following federally listed species and critical habitats:

Name of species	Threatened/Endangered/Candidate
Reptiles	
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	Endangered
Flowering Plants	
<i>Daphnopsis helleriana</i>	Endangered
Palo De Ramon (<i>Banara vanderbiltii</i>)	Endangered
Critical Habitat	
There are no critical habitats within the project area.	

The nature of the project, scope of work, information available, a careful analysis of the IpaC, the Puerto Rico Boa conservation measures, the Caribbean Dkey dated June 19, 2024, in the US Fish and Wildlife Service's online IPaC application, and the observations during the field visit, were used to evaluate the potential impacts to federally listed species from this project. Based on that information and the answer inputted into the Dkey, and knowing that would be ground disturbance and vegetation removal, it was determined that the proposed action will have "May Affect, but is Not Likely to Adversely Affect" (NLAA) determination on the Puerto Rican Boa, see Exhibit B. Additionally, based on the location of the project and the observations during the field visit it was determined that the proposed action will have a "No Effect" for the *Daphnopsis helleriana* and Palo De Ramon since they were not seen during the field visit nor in the area where the water well will be installed.

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	May Affect, but is Not Likely to Adversely Affect (NLAA)	Puerto Rican Boa Conservation Measures 2024
<i>Daphnopsis helleriana</i>	No Effect	No conservation measures
Palo De Ramon (<i>Banara vanderbiltii</i>)	No Effect	No conservation measures
Critical Habitats		
There are no critical habitats within the project area.		

In order to complete the informal consultation process, we are requesting your concurrence for the NLAA determination for the Puerto Rican Boa. Attached to this letter, we are including the documents used to reach our effect determinations for the listed species. Should you require any additional information, please contact Allison Cullett at allison.cullett@horne.com.

References:

Puerto Rican boa (*Chilabothrus inornatus*)

Species Profile: <https://ecos.fws.gov/ecp/species/6628>

USFWS Puerto Rican boa Conservation Measures

Daphnopsis helleriana

Species Profile: <https://ecos.fws.gov/ecp/species/6802>

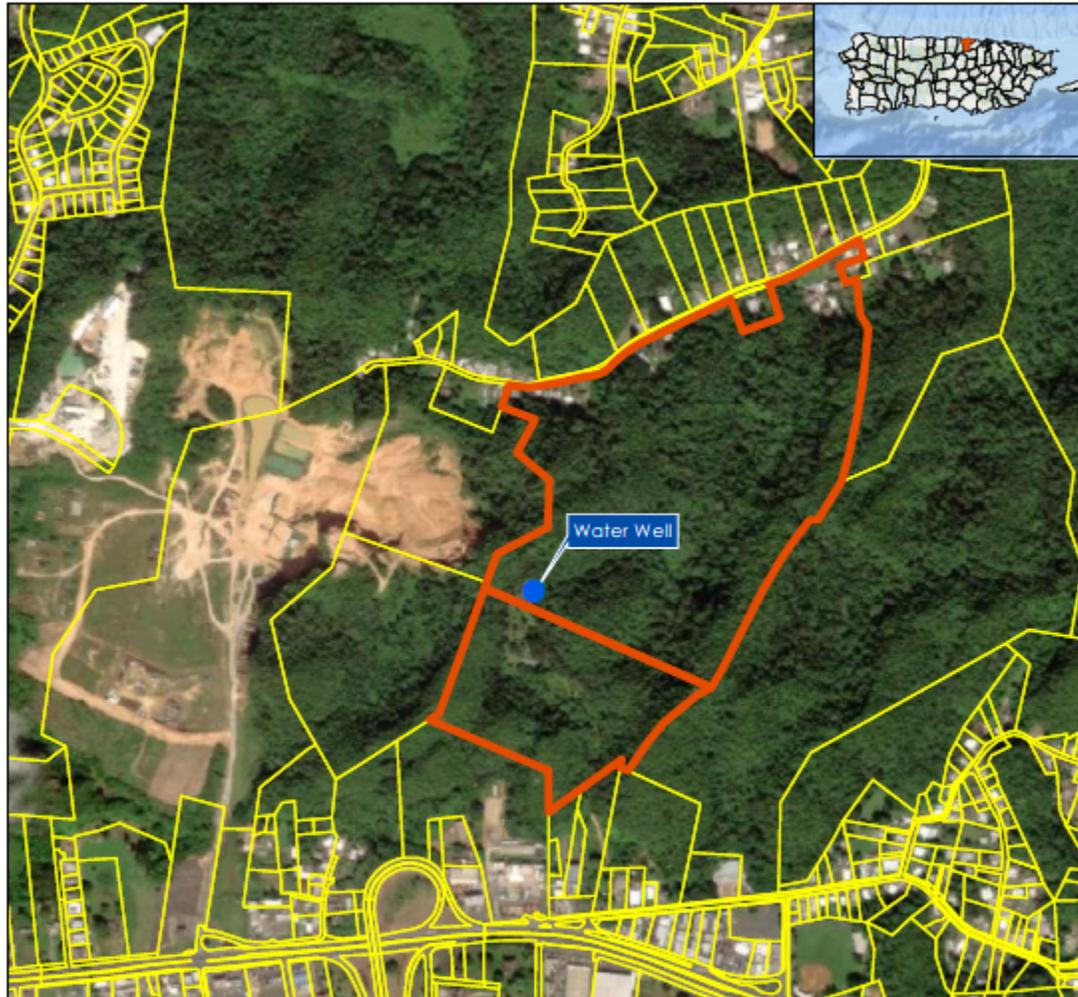
Palo De Ramon (*Banara vanderbiltii*)

Species profile: <https://ecos.fws.gov/ecp/species/8113>

Exhibit A: Figures

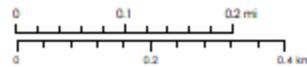
Figure 1: Location Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Parcels
- CRIM Parcels



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

Source

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

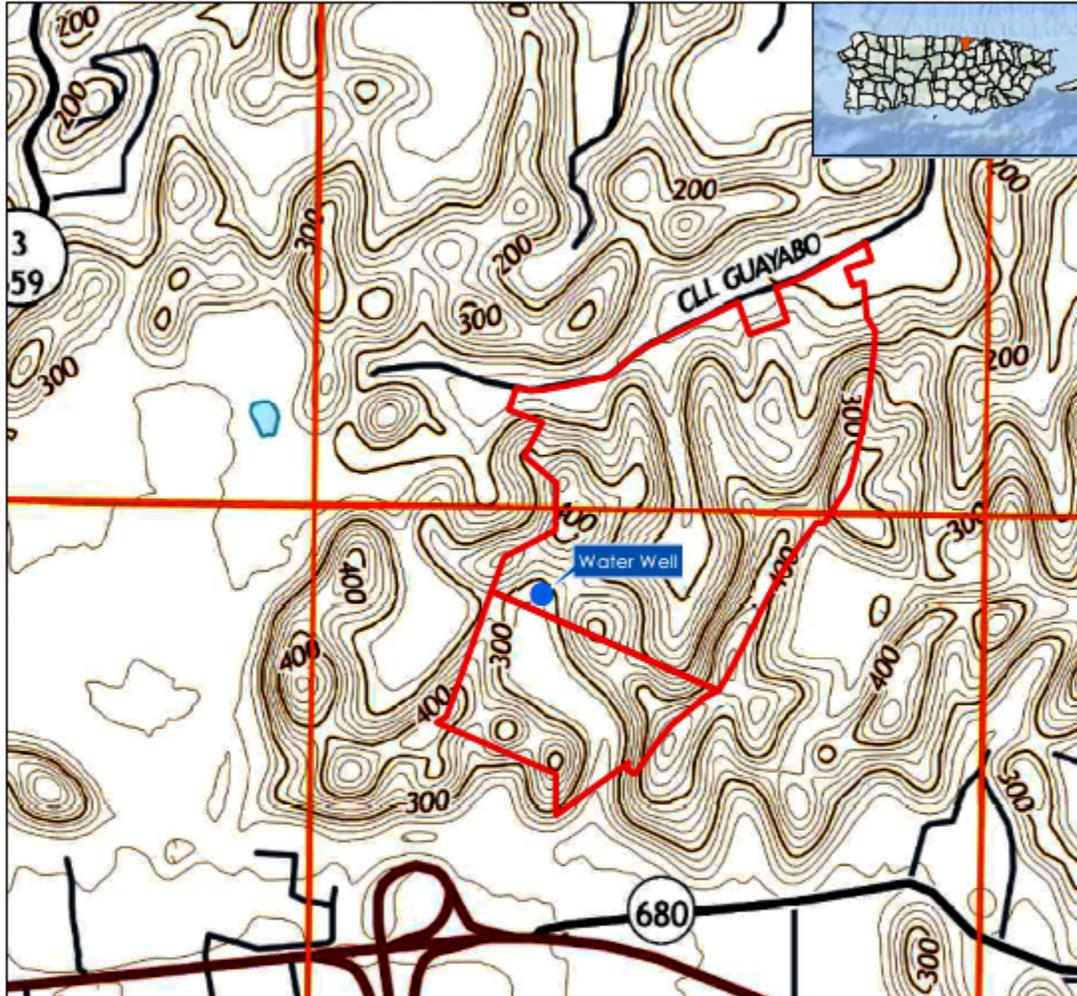


1:8,000

Figure 1: PR-RGRW-00433 Location Map

Location USGS Topographic Map

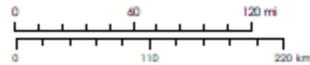
Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Contour Interval 20 Feet
- ▭ Parcels

Quadrangle: Vega Alta



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

Source

United States Geological Survey (USGS)
National Geologic Map Database
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html

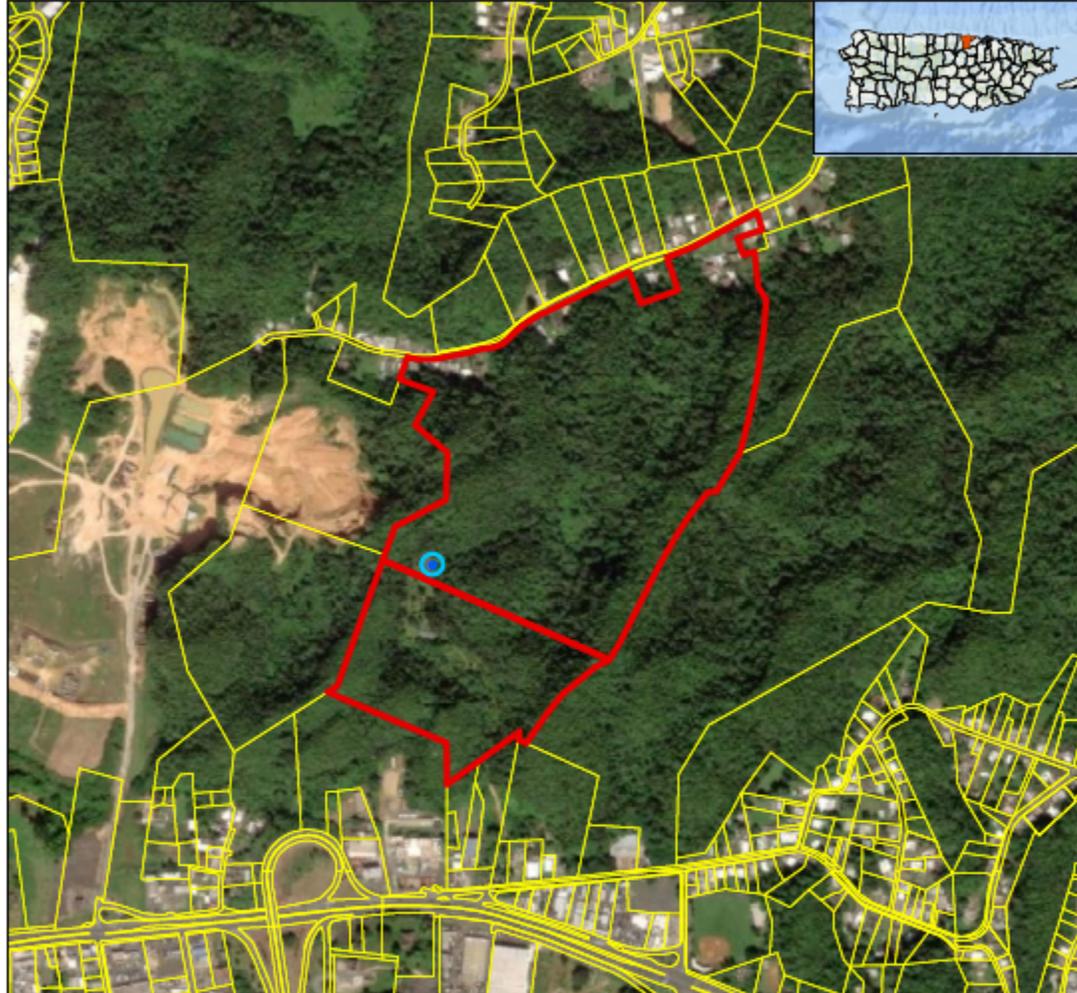


1:8,000

Figure 2: PR-RGRW-00433 Topographic Map

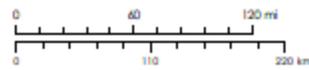
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

-  Area of Potential Effect
-  PR-RGRW-00433
-  Parcels
-  CRIM_PARCELAS_2018



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

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



1:8,000

Figure 3: PR-RGRW-00433 Area of Potential Effect Map

Farmland Protection

Puerto Rico Department of Housing ReGrow

FINCA GAIA LLC
Barrio Maguayo,
Carretera 693,
Dorado, PR 00646
Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149

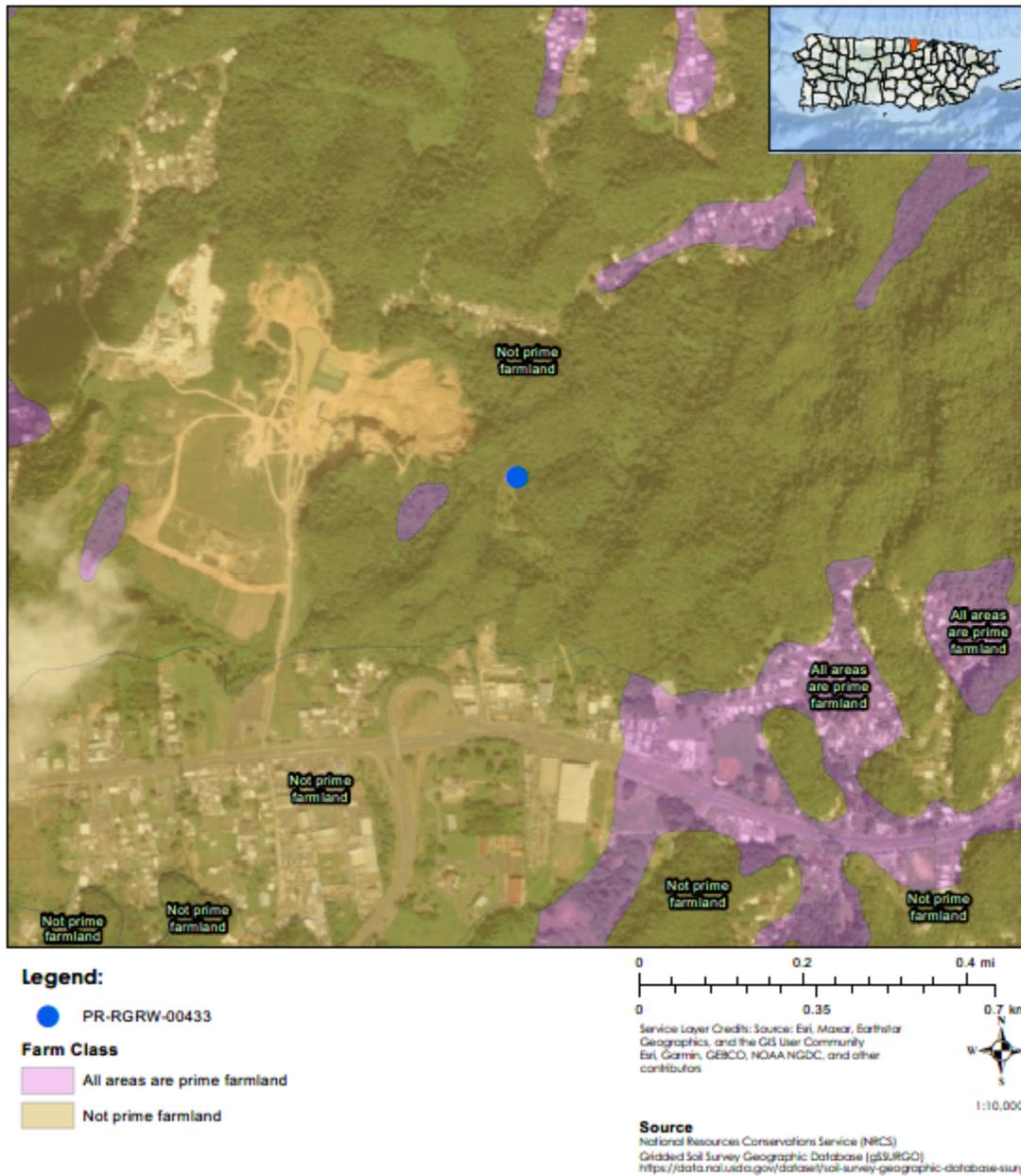
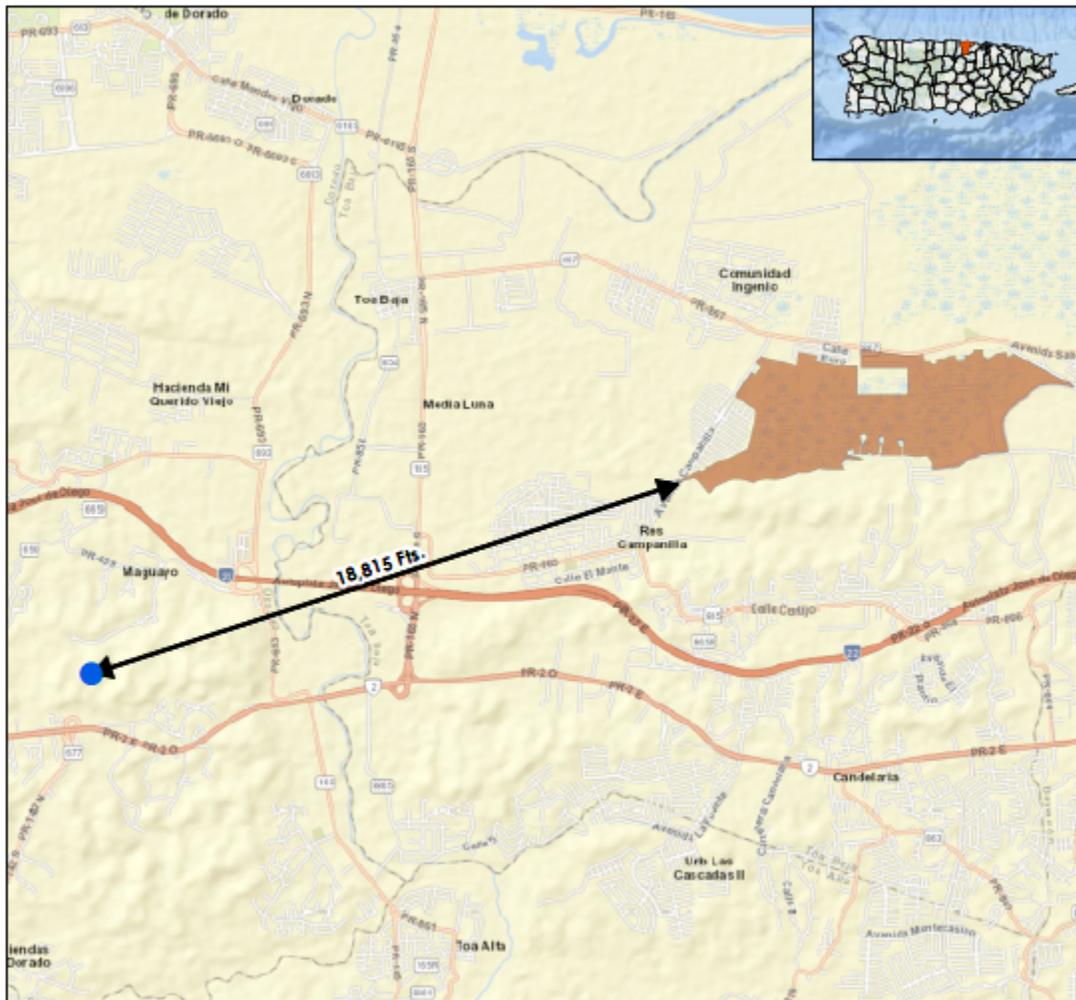


Figure 4: PR-RGRW-00433 Farmland Protection Map

Threatened & Endangered Species

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-00433
- Critical Habitat

0 1 2 mi
 0 1.5 3 km

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Imagery, 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/>

N
 W S E
 1:50,000

Figure 5: PR-RGRW-00433 Critical Habitats Map

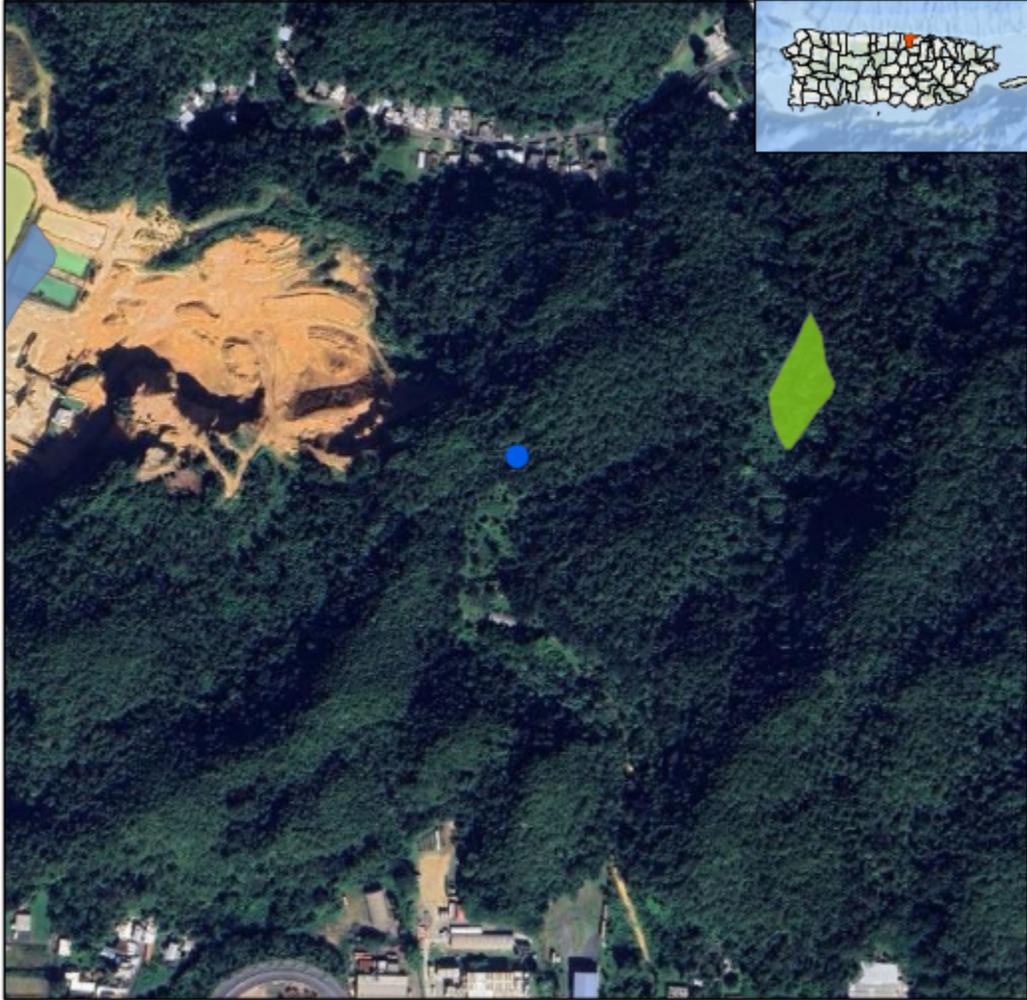
Application ID: PR-RGRW-00433

FINCA GAJA LLC
Barrio Maguayo,
Carretera 693,
Dorado, PR 00646

Wetlands Map

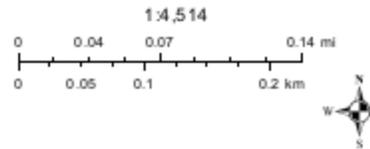
Puerto Rico Department of Housing ReGrow

Parcels: 059-000-008-87-000 & 059-000-008-99-000
Lat: 18.411518, Long: -66.280149



Legend:

- PR-RGRW-00433
- WETLANDS - National Wetlands Inventory
 - Freshwater Emergent Wetland
 - Freshwater Pond



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

Figure 6: PR-RGRW-00433 Wetlands Map

Exhibit B: Information for Planning and Consultation (IPaC)



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

In Reply Refer To:
Project Code: 2024-0106184
Project Name: PR-RGRW-00433

06/19/2024 17:07:17 UTC

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

To Whom It May Concern:

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

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

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

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

to caribbean_es@fws.gov. 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

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: 2024-0106184

Project Name: PR-RGRW-00433

Project Type: Disaster-related Grants

Project Description: The project consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4121518,-66.27812027710124,14z>



Counties: Dorado County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 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 Fisheries¹, 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
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/F73FTI5KVFE77BXEVYCDCQ7XOE/documents/generated/7159.pdf	Endangered

FLOWERING PLANTS

NAME	STATUS
Daphnopsis helleriana No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6802	Endangered
Palo De Ramon <i>Banara vanderbiltii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8113	Endangered

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, 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"](#).

-
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)

THERE ARE NO BALD AND GOLDEN EAGLES WITHIN THE VICINITY OF YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ 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](#)".

-
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.

FRESHWATER EMERGENT WETLAND

- PEM1A

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

In Reply Refer To:
Project code: 2024-0106184
Project Name: PR-RGRW-00433

06/19/2024 17:10:38 UTC

Subject: Consistency letter for the project named 'PR-RGRW-00433' 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 June 19, 2024, Patricia Carmenatty used the Caribbean DKey; dated April 03, 2024, 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-RGRW-00433'. The project is located in Dorado County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4121518,-66.27812027710124,14z>



The following description was provided for the project 'PR-RGRW-00433':

The project consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet.

Based on your answers and the assistance of the Service's Caribbean DKey, you made the following effect determination(s) for the proposed Action:

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

Consultation with the Service is not complete. The above effect determination(s) becomes applicable when the lead federal action agency or designated non-federal representative submits them as a request to the Service to rely on the Caribbean DKey in order to satisfy the agency's consultation requirements for this project.

Please provide this consistency letter to the lead federal action agency or its designated non-federal representative with a request for its review, and as the agency deems appropriate, to submit for concurrence verification through the IPaC system. The lead federal action agency or designated non-federal representative should log into IPaC using their agency email account and click "Search by record locator." They will need to enter the record locator **560-145132471**

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.

- *Daphnopsis helleriana* Endangered
- Palo De Ramon *Banara vanderbiltii* Endangered

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.

Action Description

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

1. Name

PR-RGRW-00433

2. Description

The following description was provided for the project 'PR-RGRW-00433':

The project consist of installing/constructing a 400-foot-long water well with a transitional diameter of 12 inches for the initial 40 feet and a subsequent diameter of 10 inches for the remaining 360 feet.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.4121518,-66.27812027710124,14z>



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. .

No

3. Does the proposed project consist of rehabilitation or demolition of existing single-family homes and buildings?

No

4. Does the proposed project consist of improvements to existing facilities?

Note: Examples of facilities are occupied single family homes, and buildings; existing recreational facilities, including the installation of roofs to existing basketball courts, etc.

No

5. Does the proposed project consist of repavement or repair of existing roads and installing transit signage or guardrails?

No

6. Does the proposed project consist of the construction of gutters and/or sidewalks along existing roads, and developments?

No

7. Does the proposed project consist of replacement or repair of existing bridges which include cutting vegetation or earth movement?

No

8. Does the proposed project consist of activities within existing Right of Ways (ROWs) along roads which include cutting vegetation or earth movement?

No

9. Is the proposed project located within a rural area covered by grassland (pasture lands "pastos")?

No

10. Is the proposed project adjacent or within a forested area?

Note: Examples of immediately adjacent to forested areas are rock walls and haystack hills (“mogotes”), wet montane forest, lowland wet forest, remnant coastal, mangrove forest, damp and dry limestone karst forests, pastureland with patches of exotic trees.

Yes

11. Is the project area more than 1 acre?

No

12. Is the proposed project an existing facility or the expansion of an existing facility within the footprint of the already developed area?

No

13. Is the proposed project a new facility which would require earth moving, vegetation clearing, or debris removal using heavy machinery, the use of staging areas, construction of temporary access roads?

Yes

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

Automatically answered

Yes

15. Will the proposed project implement the U.S. Fish and Wildlife [Puerto Rican boa Conservation Measures](#)?

Yes

16. Are you the Federal agency or designated non-federal representative for the proposed action?

No

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

Exhibit C: Field Visit Photos



Photo #:1

**Date: September 18,
2023**

Description (include direction): Area where the water well will be installed, looking southeast.



Photo #: 2

**Date: September 18,
2023**

Description (include direction): Area where the water well will be installed, looking northeast.

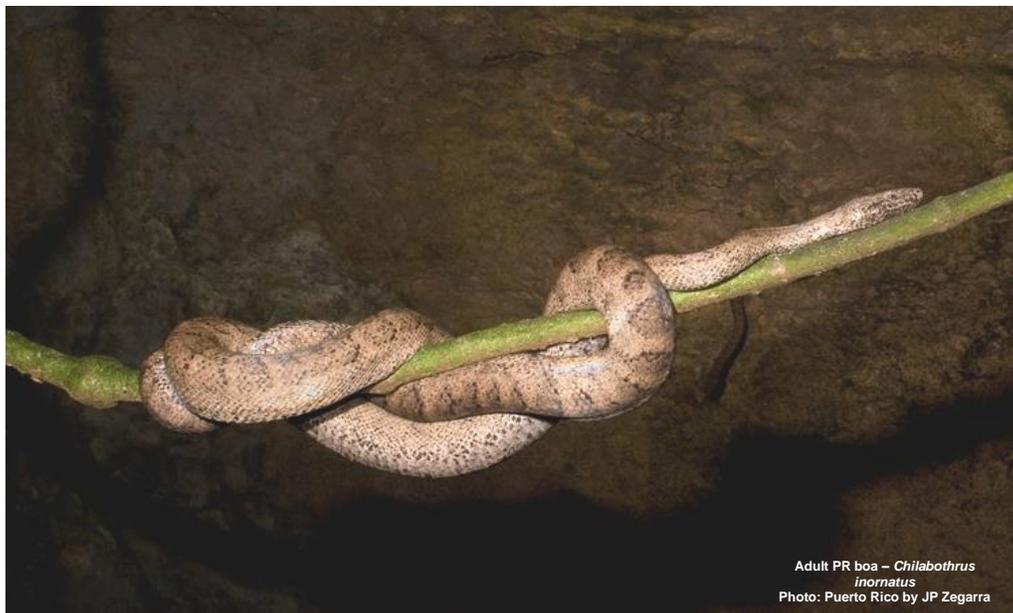


U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

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

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

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



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

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

Conservation Measures:

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

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

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

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