

# **Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58**

## **Project Information**

**Project ID:** PR-RGRW-03528

**Project Name:** Edwin Lebron Ramos

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

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

**State/Local Identifier:** Puerto Rico/San Sebastián, PR

**Preparer:** Gabriela Rodríguez

**Certifying Officer Name and Title:** Permit and Compliance Officers: Sally Acevedo Cosme, Pedro De León Rodríguez, María T. Torres Bregón, Ángel G. López-Guzmán, Ivelisse Lorenzo Torres, Santa Damarys Ramírez Lebrón, Janette I. Cambrelén, Limary Vélez-Marrero, Juan Carlos Perez Bofill, and Mónica Machuca Ríos.

**Consultant** (if applicable): Tetra Tech, 251 Calle Recinto Sur, Ste. 202, San Juan, PR 00091

**Direct Comments to:** PRDOH (environmentcdbg@vivienda.pr.gov)

### **Project Location:**

The property is a 3.25-acre site located at Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador in the Municipality of San Sebastián, Puerto Rico (Parcel ID# 128-065-744-12-000). The coordinates of the project parcel are 18.323260, -67.034000.

The land was previously used to grow sugar cane, plantains, and as a cow pasture. The land is currently used for growing plantains and yams.

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

The proposed project area is approximately 0.10 acres. The proposed use of grant funds is for the drilling and installation of a water well and the purchase of a utility task vehicle (UTV). While the purchase of the UTV has been submitted and approved as an exempt activity under 24 CFR 58.35 (b)(4), the potential impacts associated to the drilling and installation of water well are included in the analyses below.

The applicant plans to install a water well for irrigation of cropping area and water supply purposes, with an approximate depth of 500 foot (ft) and 2 inches (") schedule 40 pipe. The well boring diameter is 8 " to 2 " well seal. The well includes the construction of an on-

site poured 10 ft x 10 ft concrete slab at coordinates 18.323260, -67.034000. The purpose of the concrete slab is to delineate the well area and to locate necessary well equipment. Well includes the installation of a submersible 5 HP pumping system with a 35 GPM pump and motor.

No new water or power connection is needed for the scope of work. The facilities have water and power connection on site. No water connection or construction of an irrigation system are contemplated as part of the proposed SOW. The applicant plans to use the well withdrawn water to fill a portable water tank and manually used for irrigation of the cropping areas. Electrical underground conduit, from the applicant house adjacent to the farm parcel, will be installed to provide the power needed to use the water pump and motor at well area. An approximate 150' linear foot, 3 feet depth trench will be needed for the power connection of the water pump and motor. The field is not graded.

Site photos are included in **Appendix A**. A site map (Figure 1) is included in **Appendix B**.

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

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. The purpose of this project is to increase the productivity of the farm. This agricultural project associated with the drilling and installation of a water well and the purchase of a UTV is keeping with the overall objectives of the Economic Development Program.

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

The land proposed for the drilling and installation of a water well is used for agricultural purposes. Therefore, there is no change in land use associated with the project. Some ground disturbance will be required.

**Structure of this Environmental Review Report (ERR).**

This ERR discusses the Funding Information immediately below. The environmental impacts of the proposed action are discussed in the Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities checklist and Environmental Factors checklist. The listing of Additional Studies Performed, and Sources, Agencies and Persons Consulted follows the checklists. The discussions of Public Outreach, Cumulative Impacts, Alternatives, and Summary of Findings and Conclusions are presented at the end of the ERR, before the listing of Mitigation Measures and Determination signatures. The appendices contain detailed information.

- Appendix A – Site Inspection
- Appendix B – Maps
- Appendix C – Additional Documentation
- Appendix D – Endangered Species

**Funding Information**

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001, B-18-DP-72-0001, B-19-DP-78-0002, B-18-DE-72-0001	Community Development Block Grant – Disaster Recovery (CDBG-DR) CDBG-DR, Re-Grow Puerto Rico Urban-Rural Agricultural Program	\$11,938,162,230

**Estimated Total HUD Funded Amount:** \$37,100.00

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$37,100.00

**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.

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6</b>		
<b>Airport Hazards</b>  24 CFR Part 51 Subpart D	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project cleans of the drilling and installation of a water well. The nearest civil airport is approximately 44,114 feet from the proposed site. The nearest military airport is approximately 355,386 feet from the proposed site. The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements. Refer to Figure 2 in <b>Appendix B</b> .
<b>Coastal Barrier Resources</b>  Coastal Barrier Resources Act, as amended by the	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has various Coastal Barrier Resources Systems (CBRS). The project is in northwestern Puerto Rico. The distance to the nearest CBRS unit is 54,224 feet. Therefore, this project has no

Coastal Barrier Improvement Act of 1990 [16 USC 3501]		potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. Refer to Figure 3 in <b>Appendix B</b> .
<b>Flood Insurance</b>  Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is located in Zone X, area of Minimal Flood Hazard, as per Floodplain Insurance Map 72000C0535J, effective date November 18, 2009. This project is in compliance with Floodplain Insurance requirements. (See Figures 4 and 5 in <b>Appendix B</b> .)

<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5</b>		
<b>Clean Air</b>  Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is located in a county or air quality management district that is in attainment status for all criteria pollutants. The Municipio of San Sebastián is not listed in the EPA Green Book “Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants”. The drilling and installation of a water well would have no impact on air quality. The project is in compliance with Clean Air Act. Refer to EPA listing in <b>Appendix C</b> .
<b>Coastal Zone Management</b>  Coastal Zone Management Act, sections 307(c) & (d)	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located 47,765 feet from the nearest Coastal Zone Management area and does not affect a Coastal Zone as defined in the PR Coastal Zone Management Plan. The project is in compliance with the Coastal Zone Management Act. See Figure 7 in <b>Appendix B</b> .
<b>Contamination and Toxic Substances</b>  24 CFR Part 58.5(i)(2)	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	A site visit conducted on May 24, 2023, no debris or rubbish or visible signs vegetative stress, contamination, or toxic substances were noted at the project site.  Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project.  There are no sites of environmental concern identified within 3,000 feet of the project site.  The project consists of the drilling and installation of a water well. Refer to Figures 8 and

		9 in <b>Appendix B</b> . The project is in compliance with Contamination and Toxic Substances.
<p><b>Endangered Species</b></p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project consists of the drilling and installation of a water well located in an area that has been previously used for agricultural purposes.</p> <p>According to EPA NEPAAssist Enviromapper, no critical habitat is identified at project area. The nearest critical or proposed critical habitat is 37,071 feet to the northeast of the project location. However, the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website lists, the Puerto Rican Boa as being able to be found in the area, but there are no critical habitats for them at this location.</p> <p>A site-specific review of endangered species was conducted in accordance with the Fish and Wildlife Act (47 Stat. 401, as amended: 16 U.S.C. 661 et seq.) and the Self-Certification guidelines in the 2014 USFWS Caribbean Ecological Services Field Office Blanket Clearance Letter (See <b>Appendix D</b>).</p> <p>The proposed project will have No Effect on listed species or habitats. Based on the nature of the project, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, it was determined that there would be No Effect for the listed species.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFWS Puerto Rican Boa Conservation Measures guidelines and the July 27, 2023 Amended Programmatic Biological Opinion.</p> <p>Refer to Figures 10 and 11 in <b>Appendix B</b> and the IPaC report in <b>Appendix D</b>. This project is in compliance with the Endangered Species Act.</p>

<p><b>Explosive and Flammable Hazards</b></p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>The project does not include development, construction, or rehabilitation that will increase residential density.</p> <p>The project is in compliance with Explosive and Flammable Hazard requirements.</p> <p>Refer to site visit report in <b>Appendix A</b>.</p>
<p><b>Farmlands Protection</b></p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>The project site is designated as farmland of statewide importance. The project consists of the drilling and installation of a water well. The project does not include any activities that could potentially convert agricultural land to nonagricultural use. Although the project includes new construction, the project is exempt from review under the Farmland Protection Policy Act (FPPA) as the project is limited to construction of on-farm structures needed for farm operations. No further review is required.</p> <p>This project is in compliance with the FPPA. Refer to Figure 12 in <b>Appendix B</b>.</p>
<p><b>Floodplain Management</b></p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>The Project site is not located in a 100-year floodplain per Floodplain Insurance Map 72000C0535J, effective date November 18, 2009. The project site is not located in Preliminary Firm or an Advisory Base Flood Elevation (ABFE) special flood hazard area. See Figures 4, 5 and 6 in <b>Appendix B</b>. This project is in compliance with Executive Order 11988.</p>
<p><b>Historic Preservation</b></p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>The site was evaluated on September 13, 2023, by an SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on October 16, 2023 (<b>Appendix E</b>). SHPO concurred with a finding of <b>No Historic Properties Affected</b> within the project's Area of Potential on Effects on November 2, 2023. Refer to Figure 13 in <b>Appendix B</b> and the report in <b>Appendix E</b>. This project is in compliance with Historic Preservation requirements.</p>
<p><b>Noise Abatement and Control</b></p>	<p>Yes    No</p> <p><input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>HUD's noise regulations protect residential properties from excessive noise exposure. The project consists of the drilling and installation of</p>

<p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>		<p>a water well. HUD noise regulations do not apply as the project does not include new construction for residential use or rehabilitation of an existing residential property. The proposed project is in compliance with Noise Abatement and Control.</p>
<p><b>Sole Source Aquifers</b>  Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes    No <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 Aquifer requirements.</p>
<p><b>Wetlands Protection</b>  Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes    No <input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>The west coast is 54,630 feet northwest of the property. The closest fresh-water bodies include Quebrada Grande 631 feet east of the property, Quebrada de la Majagua 1919 feet northwest of the property, and Dreamer River 3,484 feet east of the property. There are several other unnamed creeks within 0.5 miles of the property.</p> <p>The NWI maps show no wetlands on the or adjacent to the project site. The Quebrada Grande located 631 feet east of the property, is identified as a Riverine wetland. This project does not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section.</p> <p>The project is in compliance with Executive Order 11990. Refer to Figure 14 in <b>Appendix B</b>.</p>
<p><b>Wild and Scenic Rivers</b>  Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes    No <input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 430,347 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 15 in <b>Appendix B</b>.</p>

<p><b>ENVIRONMENTAL JUSTICE</b></p>		
<p><b>Environmental Justice</b>  Executive Order 12898</p>	<p>Yes    No <input type="checkbox"/>   <input checked="" type="checkbox"/></p>	<p>No adverse environmental impacts were identified in any other compliance review portion of this project that may disproportionately be high for low-income and/or minority communities. Therefore, this topic complies with Executive Order 12898.</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 provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits or 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
<b>LAND DEVELOPMENT</b>		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed project is located on a private farm classified as farmland of statewide importance. The project consists of the drilling and installation of a water well. The project site is zoned as "Agricola-General (A-G)". The proposed action is compliant with the current agricultural land use of the Project area.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The proposed project is located within moderately hilly terrain, with agricultural lands surrounding the parcel. The parcel is currently used to grow plantains and yams and is frequently disturbed. Soils in the proposed project area are classified as Consumo Clay (CoE) with 20 to 40 percent slopes and Humatas Clay (HmD) with 12 to 20 percent slopes, surrounded by farmland, 105 meters above mean sea level. The proposed project area has already been cleared.  The project site is not graded.



		<p>The project site area is rated as “moderate” for landslide susceptibility (see Figure 16 in <b>Appendix B</b>). The proposed location of the water well has been cleared, but not graded.</p> <p>Standard construction BMPs would be used to control erosion and runoff during construction.</p> <p>There will be little to no additional runoff associated with the project.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>During implementation of the project, construction activities may result in temporary elevation of ambient noise levels in immediate areas around active construction areas. The only nearby receptors are the residents of the farm.</p> <p>There is no access to the project area by the public. Standard BMPs, such as construction fencing, would be applied to protect the farm residents and public from typical construction hazards.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>SOCIOECONOMIC</b>		
Employment and Income Patterns	2	<p>Temporary employment of workers related to construction activities would result, but no new permanent jobs would be created as a result of this project. These workers are expected to come from the local region. However, since the project will include an economic component, it may aid in restoring some employment opportunities and increase income.</p> <p>The proposed project would not negatively impact employment or income patterns.</p>
Demographic Character Changes, Displacement	2	<p>The proposed project would not result in demographic character changes or displacement. Given the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project.</p>
Environmental Justice	2	<p>In the area (one mile radius) in which project will occur.</p> <p>98% are people of color compared to PR average of 96%</p> <p>85% are low income compared to PR average of 70%</p> <p>13% are unemployed compared to PR average of 15%</p> <p>The proposed drilling and installation of a water well will increase the production and will result in restoration and</p>

		<p>increase in income and potential employment opportunities in the local area. The impacts would be beneficial.</p> <p>See EJSscreen Report in Appendix C.</p>
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Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>COMMUNITY FACILITIES AND SERVICES</b>		
Educational and Cultural Facilities	2	The project consists of the drilling and installation of a water well. The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
Commercial Facilities	2	The project consists of the drilling and installation of a water well. The agricultural activity of the project property will improve. Other commercial facilities would not be impacted by the proposed project.
Health Care and Social Services	2	The project consists of the drilling and installation of a water well. Health care and social services facilities would not be impacted by the proposed project. The project would not increase demand for health care and social services facilities.
Solid Waste Disposal / Recycling	2	Waste vegetation from clearing activities will either be composted on site or at regional composting centers. Soil from grading would be recycled on the farm as fill. Left over construction materials that could be reused on the farm would be stored for later use. The remaining construction solid waste materials would be collected for transport to the local landfill. The amount of impact of solid waste resulting from the construction of the proposed project would be minor. During operations, the products and by-products would be agricultural, which waste would be biodegradable.
Wastewater / Sanitary Sewers	2	The project consists of the drilling and installation of a water well. The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current farm conditions would remain unchanged.
Water Supply	2	The project consists of the drilling and installation of a water well. The appropriate permit for the new water well will be obtained from PRDNER before installation and operation. With this mitigation, there would be minor impact to water resources.

Public Safety – Police, Fire and Emergency Medical	2	The project consists of the drilling and installation of a water well. The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	The project consists of the drilling and installation of a water well. The proposed project would not create or destroy any new parks, open space, or recreational activities. It also would not increase use of those facilities.
Transportation and Accessibility	2	The proposed project would not involve the creation of new roads nor any increase in long-term traffic on existing roads. There would be some minor use of the existing road during construction. All residents and businesses would retain access to their properties during and after the project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>NATURAL FEATURES</b>		
Unique Natural Features, Water Resources	2	The proposed project will be situated on land previously used for agriculture and will have no impact to unique natural features or water resources.  The proposed water withdrawal from the new well will be controlled under a permit. The impact to water resources will be minor.  With implementation of the mitigations there would be no impacts to surface water resources.
Vegetation, Wildlife	2	The proposed project will occur on land previously used for agricultural purposes and will continue in that capacity. The proposed project will have no impact on vegetation and wildlife.
Other Factors		

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>CLIMATE AND ENERGY</b>		
Climate Change Impacts	2	This is a small agricultural project with no measurable impact on climate change factors.

		<p>The project area is rural and does not have urban heat island effects.</p> <p>There would be no changes to the site configuration or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity.</p> <p>With respect to climate change impact on the project, agricultural activities could be affected by drought.</p>
Energy Efficiency/Energy Consumption	2	<p>Electrical underground conduit, from the applicant house adjacent to the farm parcel, will be installed to provide the power needed to use the water pump and motor at well area. An approximate 150' linear foot, 3 feet depth trench will be needed for the power connection of the water pump and motor. The field is not graded. There would be a minor change in energy demand in the area.</p>

**Additional Studies Performed:** None required.

**Field Inspection** (Date and completed by):

Site inspection was conducted on May 24, 2023 by Josue Troche.

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

Puerto Rico State Historic Preservation Office

FAA, National Plan for Integrated Airport Systems:

[www.faa.gov/airports/planning\\_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf](http://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](http://www.fws.gov/CBRA/Maps/Locator/PR.pdf)

National Wild and Scenic Rivers System: [www.rivers.gov/puerto-rico.php](http://www.rivers.gov/puerto-rico.php)

Puerto Rico Community Development Block Grant Disaster Recovery Action Plan, July 2018. [www.cdbg-dr.pr.gov/en/action-plan/](http://www.cdbg-dr.pr.gov/en/action-plan/)

Programmatic Agreement among the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Office and the Central Office for Recovery, Reconstruction and Resilience – amended to include the Puerto Rico Department of Housing.

US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book):

[www3.epa.gov/airquality/greenbook/anayo\\_pr.html](http://www3.epa.gov/airquality/greenbook/anayo_pr.html)

US EPA, Environmental Topics, Air Topics: [www.epa.gov/environmental-topics/air-topics](http://www.epa.gov/environmental-topics/air-topics)

US Fish and Wildlife Service, Environmental Conservation Online System:

<https://ecos.fws.gov/ecp/report/species-listings-by-state?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed>

Federal Emergency Management Agency, Flood Mapping Service:

<https://msc.fema.gov/portal/home> (compilation of numerous maps)

US Fish and Wildlife Service, National Wetlands Inventory:

[www.fws.gov/wetlands/data/mapper.html](http://www.fws.gov/wetlands/data/mapper.html) (compilation of numerous maps)

Puerto Rico Coastal Zone Management Program Plan, September 2009.

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

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria,

[www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8](http://www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8)

#### **List of Permits Obtained:**

PRDNER water well permit will be obtained.

#### **Public Outreach** [24 CFR 58.43]:

The local community has been very proactive in the recovery process. Puerto Rico Department of Agriculture has worked closely with the agricultural community. The 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 proposed project. The growth of agricultural products at the farm would not increase. The project would allow more efficient processing and growing of the agricultural products. Water use would increase to a minor degree with the well but would only impact the existing site water supply. There are no other wells nearby to be affected.

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

The RGRW Program's goal is to increase agricultural capacity while promoting and increasing food security island-wide. This Program seeks to enhance and expand agricultural production related to economic revitalization and sustainable development activities. The applicant submitted a proposal to enhance and expand agricultural production on their property. The proposed use of grant funds will allow the applicant to expand the cultivation and delivery of agricultural products through the drilling and installation of a water well. Any alternative that would involve an off-property location would not enhance and expand agricultural production or

allow for the economic development for this applicant. The actions are proposed in an area that was previously utilized for agriculture purposes and has been cleared. Alternative locations on the property would be further from the residence and the actual agriculture area.

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

Under the No Action Alternative, the applicant would not receive federal funding for the drilling and installation of a water well, 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 the economic development for this applicant.

**Summary of Findings and Conclusions:**

The proposed activity has been found to not have any adverse effects on the environment nor is there the requirement for further consultation with federal agencies associated with the topics evaluated above. There are no environmental review topics addressed above that result in the need for additional formal compliance steps with federal agencies or the requirement for mitigations other than those listed below. There may be additional approvals or permits from local agencies. For example, permits may be required from PRDNER for any water or other utility connections and the Office of Permit Management (OGPe) is responsible for granting permits, licenses, certifications, consultations, construction, and any other procedure necessary for business development and land use in Puerto Rico. The appropriate and necessary permits should be obtained by the applicant and/or contractor, from the appropriate Department or concerned agency, prior to construction activities.

**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
Water Supply	Prior to construction, the applicant will contact the PRDNER to determine the required permits and authorizations.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Standard construction BMPs would be used to control erosion and runoff during construction.
<b>Permits or Agency Approvals Required</b>	
Permit or Approval	Permit Conditions
Ground disturbance	Projects whose earthworks are more than 40 m <sup>3</sup> must submit an Incidental Permit to the OGPe. Any necessary permits

	should be obtained by the applicant and/or contractor prior to construction activities.
Utility Connections- LUMA	The project does not involve new utility connections. Facilities have local utility services connections. However, the applicant is responsible for any permits or actions to ensure legalization of utility connections (if needed) prior to construction activities.
Well	Well or water intake activities require a construction and operation permit form the Water Permits and Franchises Division (DPFA) of the PRDRNER. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities.

**Determination:**

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

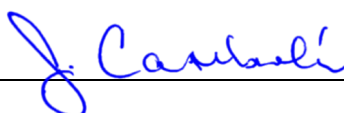
The project will not result in a significant impact on the quality of the human environment.

**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: 1/11/2023

Name/Title/Organization: Gabriela Rodríguez, Senior Environmental Scientist , Tetra Tech Inc.

Certifying Officer Signature:  Date: 3/11/2024

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

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

# **APPENDIX A**

## **Site Inspection and Photos**



## Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-03528		
Applicant Name	Edwin Lebron Ramos		
Property Address	Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador		
Parcel ID	128-065-744-12		
Coordinates	18.322940, -67.034270		
Inspector Name	Josue Troche		
Inspection Date	05/24/2023		
Building Type	vacant		
Number of Units	0		
Number of Stories	0		
Year Built; Data Source	C1985; Historian		
ENVIRONMENTAL OBSERVATIONS (attach photos and notes, as necessary, for any YES answers)			
OBSERVATION ITEMS	YES	NO	COMMENTS
A. Is the <b>structure in use</b> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In use for growing plantains, yam, oranges
B. Is <b>structure a greenhouse</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is <b>Electricity connected</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D. Is <b>water connected</b> ? (Utilities or Well)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1. Are there signs of <b>poor housekeeping</b> 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.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are there any <b>55-gallon drums</b> visible on site? If yes, are they leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are there any (or signs of any) <b>underground storage tanks</b> on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are there signs of <b>ASTs</b> on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Is there any <b>stained soil or pavement</b> on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Is a water <b>drainage system</b> in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is a warehouse in use for storage of <b>Fertilizer or Pesticides</b> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage for fertilizer
8. Are there any <b>groundwater monitoring wells</b> on the site or adjacent parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is there evidence of a <b>faulty septic system</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Is there <b>distressed vegetation</b> on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Is there any visible indication of <b>MOLD</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

12. Is there any visible evidence of <b>asbestos, chipping, flaking or peeling paint, or hazardous materials</b> present in or on the structure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. Are any <b>additional site hazards</b> observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. Is there any <b>permanent standing water</b> , such as a pond or stream, located on the site (do not include ponding from recent rain / weather events)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. Does the subject property have <b>water frontage</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is there any indication of the presence of <b>Wetlands</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. Are there any obvious signs of <b>animals or birds nesting</b> on or near the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. Is the applicant aware of any <b>significant historical event or persons</b> associated with the structure, or of it being located in a historic district/area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
19. Is a <b>historic marker</b> present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**Additional Notes:**

Case: PR-RGRW-03528

Coordinates: 18.322940, -67.034270

Is the field graded: No.

Scope of Work: Purchase and installation of a water well and purchase of a UTV

Land current in use for: Currently in use for growing plantains and yam.

Past Land use was: Cow pasture, sugar cane and coffee

The applicant plans to do: Installation of a water well.

Where the applicant plans to do the ground disturbances for the scopes of work, add the coordinates, description and approx measurements:

Scope of work: 18.323260, -67.034000

Installation of a water well approximately 500ft of depth. 10' x 10' concrete slab

Any new water connection or power connection?

No water connection or electricity on the premises.

### Site Sketch



**Front of Structure**

Photo Direction: West



**Facing Away From Front**

Photo Direction: East



**Side #1 of Structure**

Photo Direction: Northwest



**Facing Away From Side #1**

Photo Direction: Southeast



**Back of Structure**

Photo Direction: Northeast



**Facing Away From Back**

Photo Direction: Southwest



**Side #2 of Structure**

Photo Direction: South



**Facing Away From Side #2**

Photo Direction: North



**Streetscape #1**

Photo Direction: East



**Streetscape #2**

Photo Direction: Southwest





Address

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Photo Description: Architectural details

Structural Details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: North

Fecha: \_\_\_\_\_

NOMBRE Edwin Lebrón Ramos  
 DIRECCION Carr 423. Km 5.7 Int Sotol Ventura Ramos  
 LOCALIZACION DE POZO Po. Sotol  
San Sebastián  
 BARRENO 8 Pulgadas @ 520 Pies  
 DIAMETRO 0-100 Pies 10 Pulgadas 100-500 Pies  
 CAMISILLA 0-100 8" Plástico Sch 40  
 PROFUNDIDAD DE P OZO 520 exactitud  
 FILTRO N/A

PERFIL LITOLÓGICO

Un pozo profundo de agua con una profundidad aproximada de 520 entubado hasta la roca si fuese necesario los primeros 25' a 50' de profundidad se inyectará cemento con agua para crear un sello sanitario para así sellar cualquier contaminación que pudiera existir en la Superficie. Esto será alrededor de la tubería en San Sebastián. Al encontrarse agua se instalará una bomba, motor sumergible, cable, tubería y un generador eléctrico para realizar las pruebas de bombeo de 8 horas. Con esta prueba se medirán los niveles de agua, el caudal de agua obtenido y se tomará una muestra de agua para verificar si es completamente potable. Con dichas pruebas se sabrá cuál es la bomba y motor ha instalarse permanentemente. Al montar la bomba y otros materiales se instalará un metro de flujo para medir el consumo de agua, ya que esto es requerido por el Departamento de Recursos Naturales.

*Nota: De encontrar cavernas o piedra calichea, dicho pozo se tendrá que entubar en su totalidad.*





Structure Occupied

Photo Description: In use for growing plantains, yam, oranges

Photo Direction: Southwest



Warehouse Use

Photo Description: Storage

Photo Direction: Northeast



**Scope Of Work**

Photo Description: Scope of work: installation of a water well

Photo Direction: East



**Scope Of Work**

Photo Description: Scope of work: installation of a water well

Photo Direction: North





**Scope Of Work**

Photo Description: Scope of work: installation of a water well

Photo Direction: Northwest



**Scope Of Work**

Photo Description: Scope of work: installation of a water well

Photo Direction: Southwest



**Scope Of Work**

Photo Description: Scope of work: installation of a water well

Photo Direction: South



**Scope Of Work**

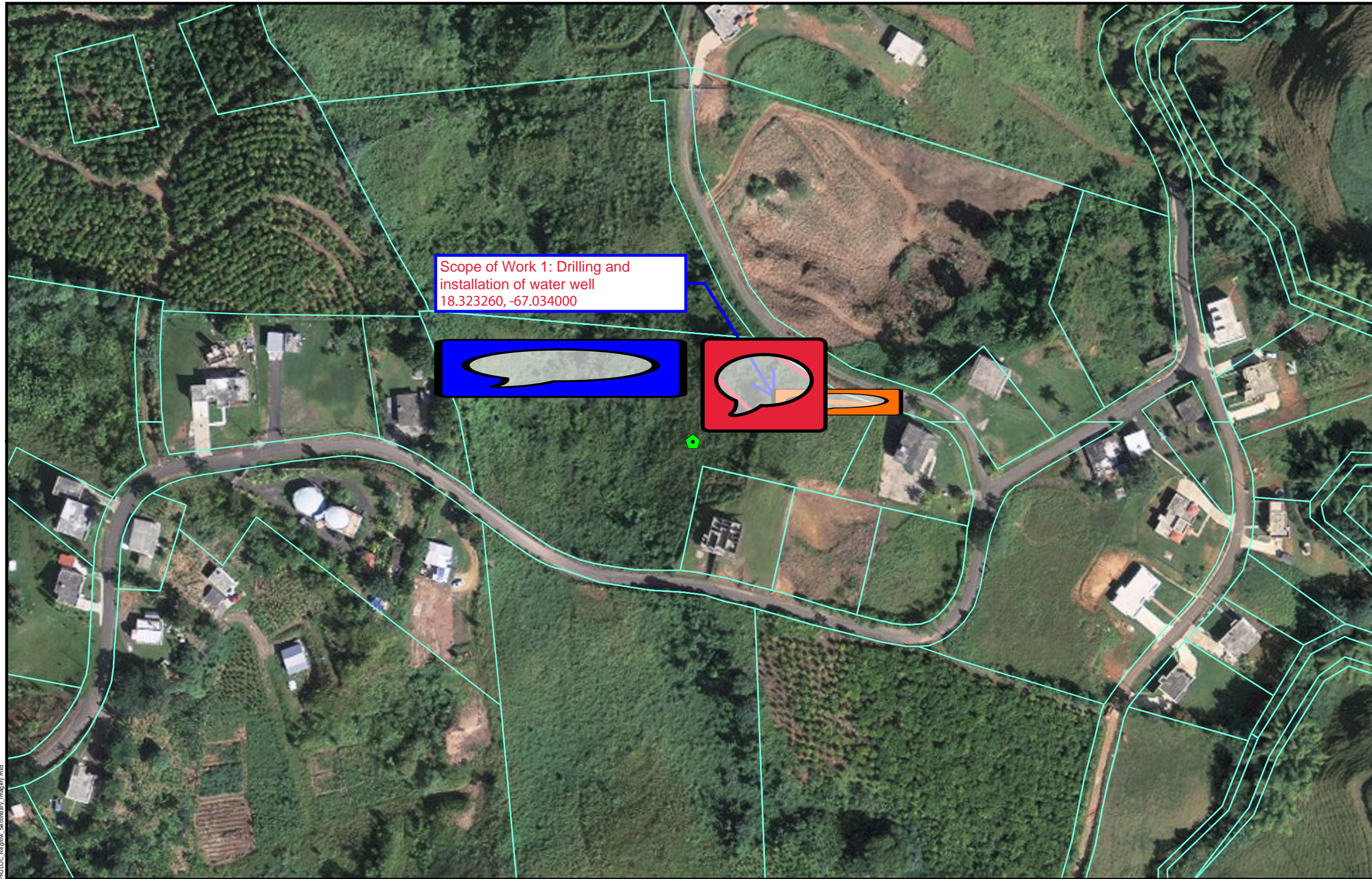
Photo Description: Scope of work map reference

Photo Direction: North



# APPENDIX B

## Maps



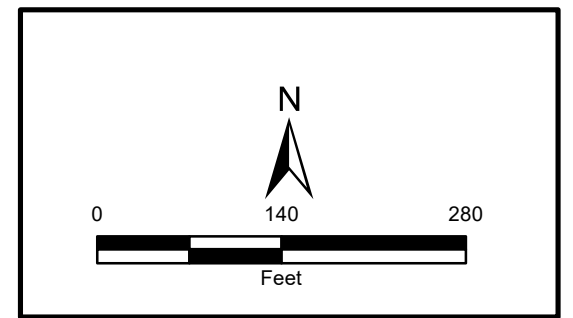
- Legend**
- Project Parcel
  - Parcels
  - Area of Potential Effect
  - Electrical connection

**PUERTO RICO**



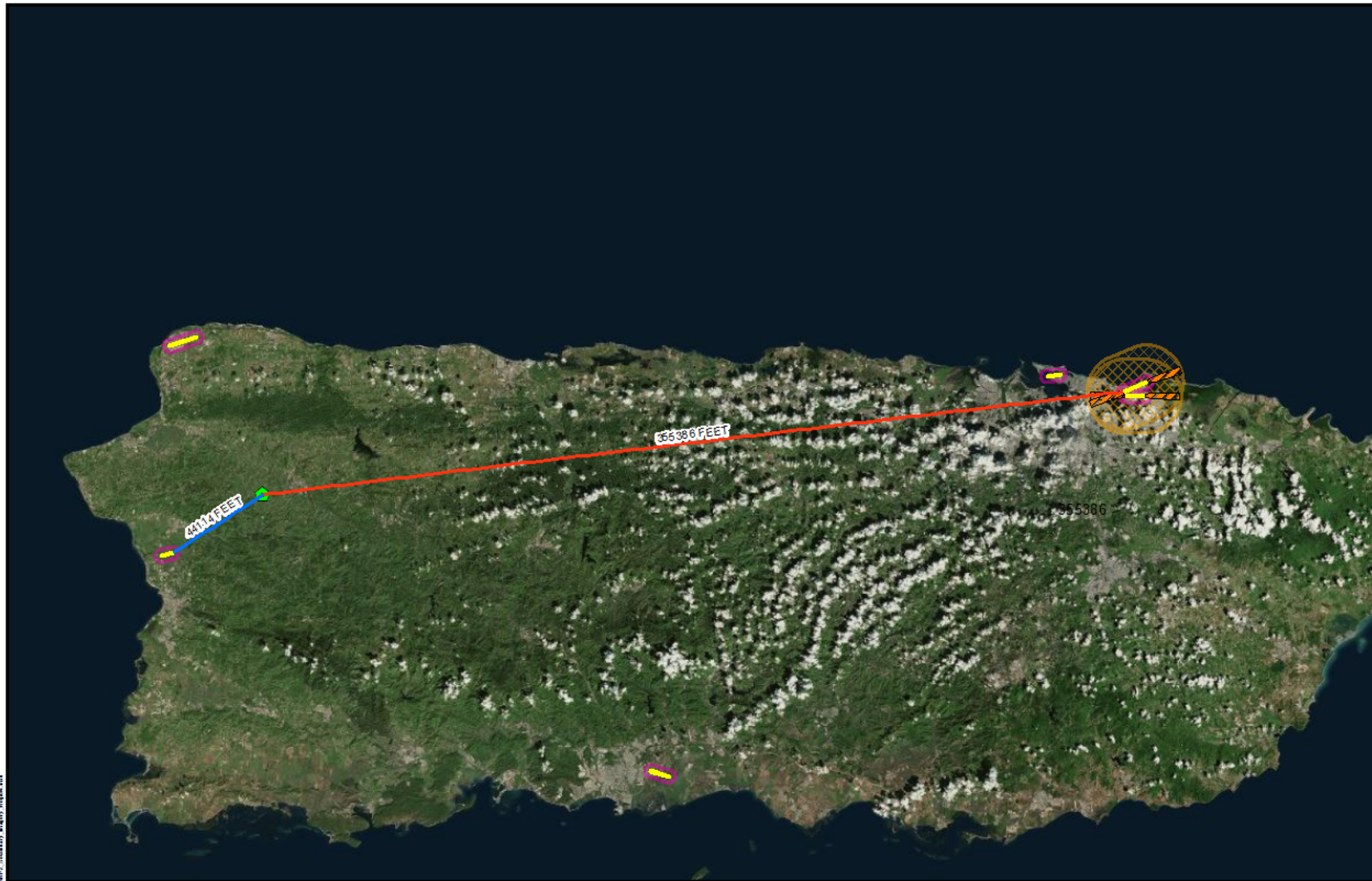
**Figure 1: PROJECT LOCATION**  
**APPLICANT ID: PR-RGRW-03528**

**ADDRESS:** Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685  
 Name of Development: Edwin Lebron Ramos  
 Parcel Coordinates: 18.322937 , -67.034272



Source: CRIM  
<https://catastro.crimpr.net/cdprpc/>  
 Author: TG Date: 1/9/2024

File Path: \\esl206\gis\CDPR\CDPR\Cadastral\USPRC\PR\LOC\_Review\_Secondary\_imagery.mxd



**Legend**

-  Project Parcel
-  Civilian Runway Protection Zones
-  Military Accident Potential Zones
-  Airport Runways
-  Civilian Airport 2,500 Feet Buffer
-  Military Airport 15,000 Feet Buffer

**Distance to Nearest Airport  
in Feet: 44114 FEET**

**PUERTO RICO**



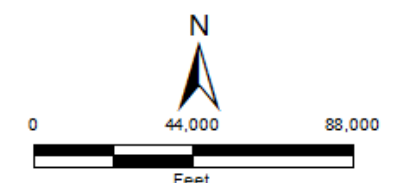
**Figure 2: AIRPORT ZONES  
APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685  
 Name of Development: Edwin Lebron Ramos  
 Parcel Coordinates: 18.322937, -67.034272



Source: USDOT  
<https://www.faa.gov>

Author: TG Date: 6/2/2023





**Legend**

Project Parcel

**Coastal Barrier Resources System Unit Type**

Otherwise Protected

System Unit

Distance to Nearest Coastal Barrier Resources System in Feet: 54224 FEET

**PUERTO RICO**



**Figure 3: COASTAL BARRIERS IMPROVEMENT ACT  
APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

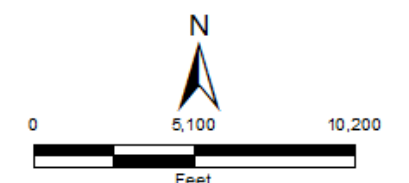
Parcel Coordinates: 18.322937, -67.034272



Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>

Author: TG

Date: 6/5/2023





- Legend**
- Project Parcel
  - FIRM Panels
  - Floodway
  - 100 Yr Floodzone
  - 500 Yr Floodzone
  - Area Of Minimal Flood Hazard
  - Unmapped for Floodplain
  - Area of Potential Effect

**PUERTO RICO**



Source: FEMA  
<https://msc.fema.gov>

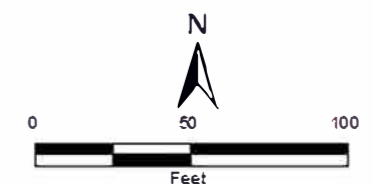
Author: TG      Date: 6/1/2023

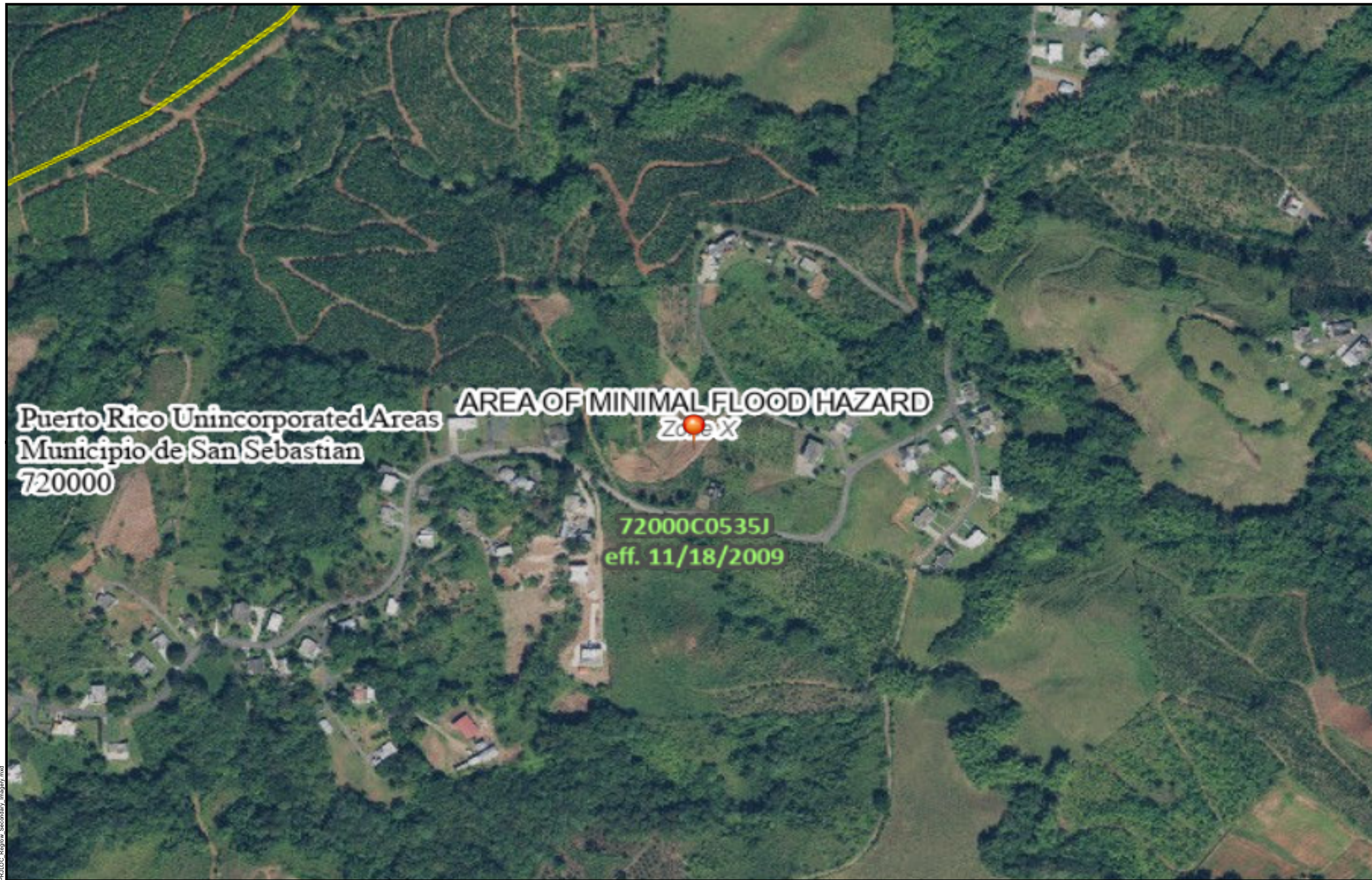
**Figure 4: FLOODPLAIN MANAGEMENT  
 APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272



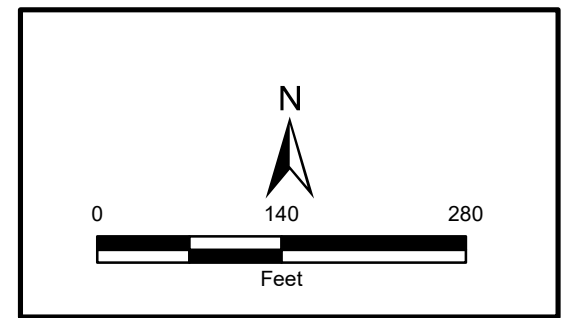


**Legend**

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



**FIGURE 5: NATIONAL FLOOD HAZARD LAYER FIRMETTE**

**APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937 , -67.034272

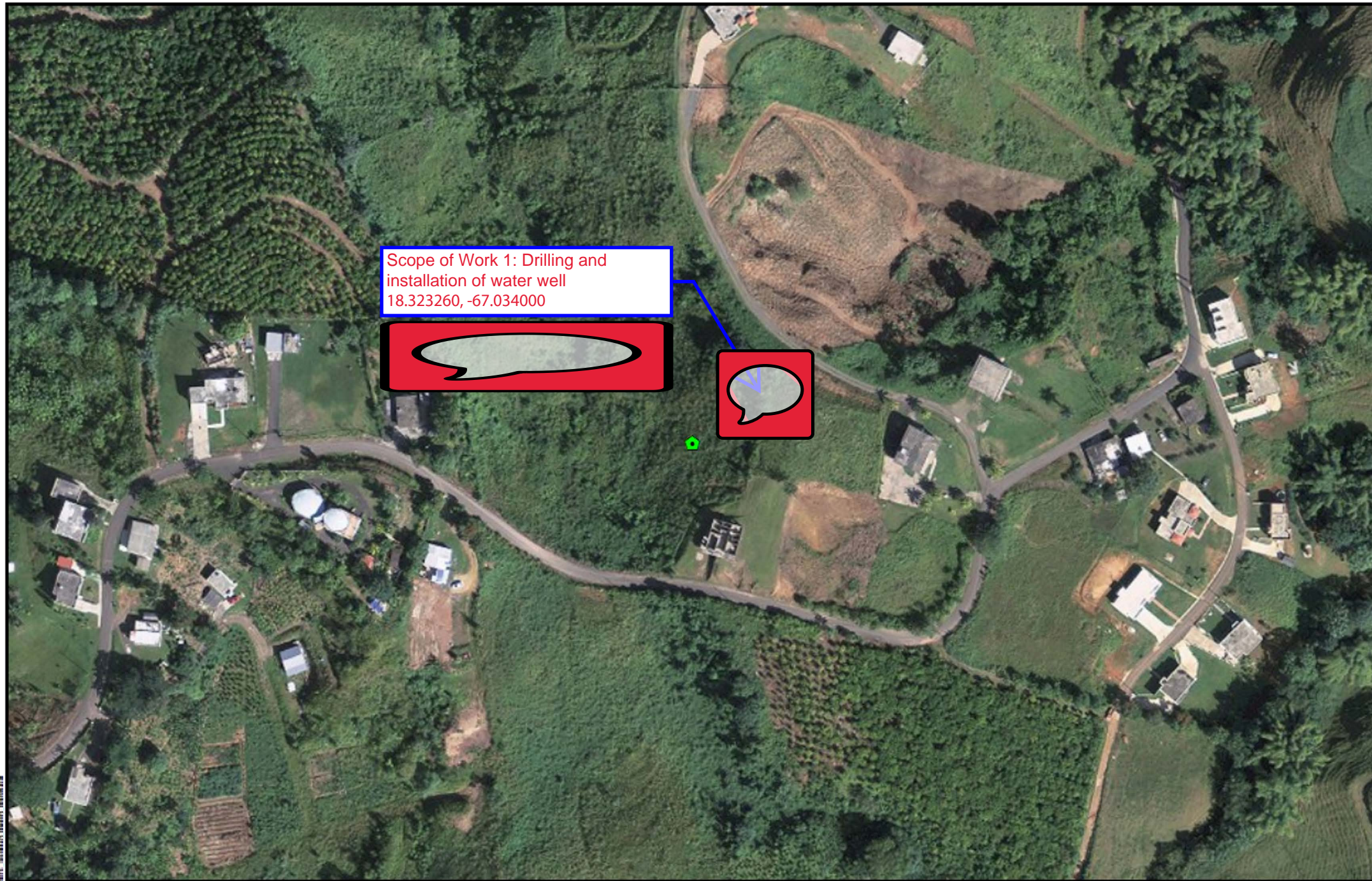


Source: FEMA  
<https://www.msc.fema.gov>

Author: TG Date: 5/31/2023

File Path: \\sala206\gis\GIS\CDR\PR\Acc\GIS\SanSebastian\TDR\GIS\SanSebastian\PR\LOC\_Regrow\_Secondary\_Imagery.mxd





Scope of Work 1: Drilling and installation of water well  
18.323260, -67.034000

- Legend**
- PuertoRico\_ABFE\_1PCT**  
Advisory Base Flood Elevation (zoom in to make visible)
  - Flood Hazard Boundary (zoom in to make visible)**  
Limit of Moderate Wave Action (LIMWA)
  - Flood Hazard Extent**
    - 1% Annual Chance Flood
    - 0.2% Annual Chance Flood
  - Zone/BFE Boundary**
  - Flood Hazard Area (zoom in to make visible)**  
Flood Hazard Zone
    - A
    - AO
    - AE
    - Coastal A Zone
    - VE
    - X 0.2% Annual Chance Flood
    - A-Floodway
    - AE-Floodway
    - Coastal A Zone and Floodway
  - Project Parcel**
  - Area of Potential Effect**

**PUERTO RICO**



**Figure 6: ADVISORY BASE FLOOD ELEVATION**  
**APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

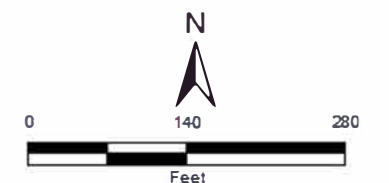
Name of Development: Siembra Vida Inc

Parcel Coordinates : 18.322937 , -67.034272



Source: FEMA  
<https://gis.fema.gov>

Author: TG Date: 6/5/2023







- Legend**
- ◆ RCRA
  - ◆ Project Parcel
  - ▲ Toxic Release Inventory Site
  - Superfund Site
  - Brownfield Sites
  - 3000 Ft Buffer TRI
  - 3000 Ft Buffer Superfund
  - 3000 Ft Buffer RCRA
  - 3000 Ft Buffer Brownfield

**PUERTO RICO**



**Figure 8: TOXIC CHEMICALS AND GASES, HAZARDOUS MATERIALS,  
CONTAMINATION, AND RADIOACTIVE SUBSTANCES  
APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272

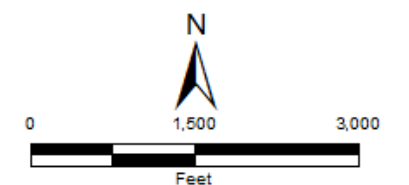


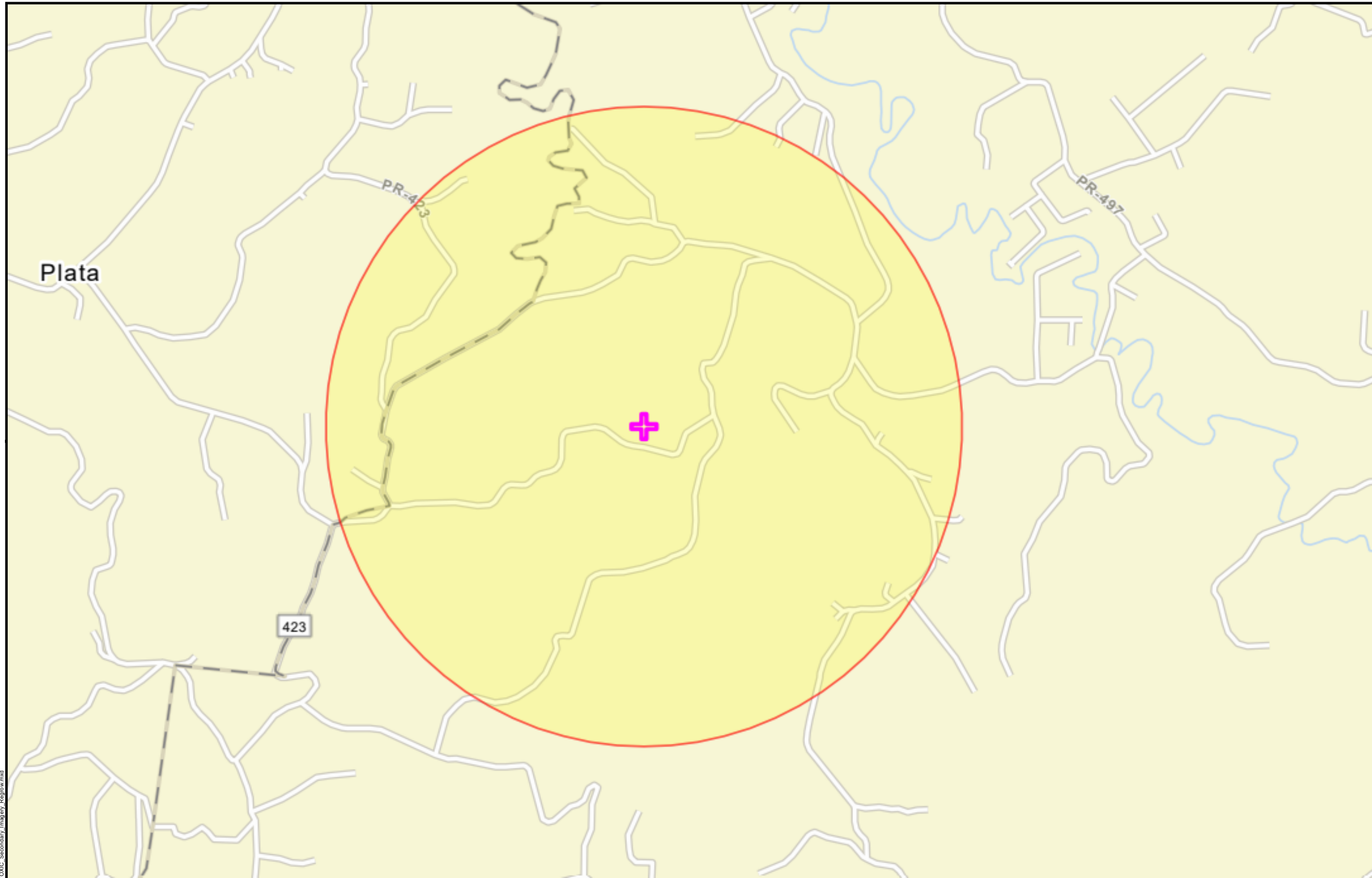
Source: E.P.A.

<https://www.epa.gov/fs/geospatial-data-download-service>

Author: J/BAK

Date: 6/1/2023





**Legend**

- Superfund (NPL)
- Toxic Substances Control Act (TSCA)
- Toxic Releases (TRI)
- Brownfields (ACRES)
- Hazardous Waste (RCRAInfo)
- Project Parcel

**PUERTO RICO**



**Figure 9: NEPA Assist Map**

**APPLICANT ID: PR-RGRW-03528**

**ADDRESS:** Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937 , -67.034272

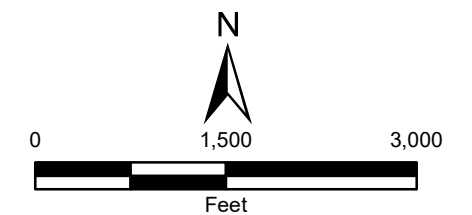


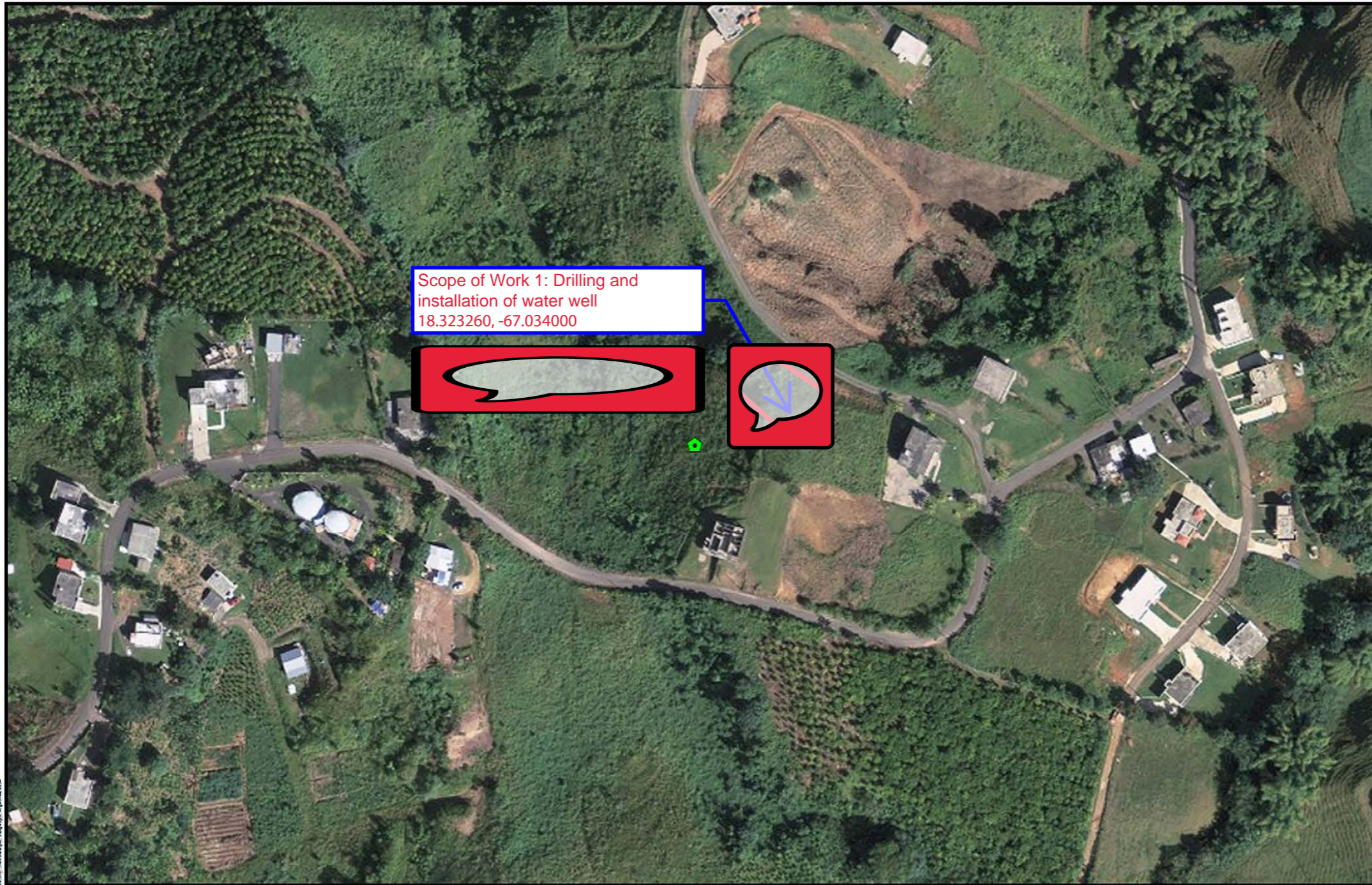
Source: E.P.A.


<https://www.epa.gov/frs/geospatial-data-download-service>

Author: JB/AK

Date: 5/18/2023





- Legend
-  Project Parcel
  -  Area of Critical Hábitat
  -  Area of Potential Effect

Scope of Work 1: Drilling and installation of water well  
18.323260, -67.034000

**PUERTO RICO**



**Figure 10: ENDANGERED SPECIES ACT  
APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272

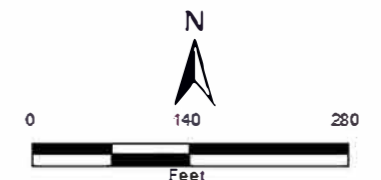


Source: U.S. FISH & WILDLIFE SERVICE

<https://ecos.fws.gov>



Author: TG

Date: 6/1/2023





**Legend**

-  Project Parcel
- comname**
-  Puerto Rico harlequin butterfly

Distance to Nearest Critical Habitat in Feet: 37071 FEET

**PUERTO RICO**

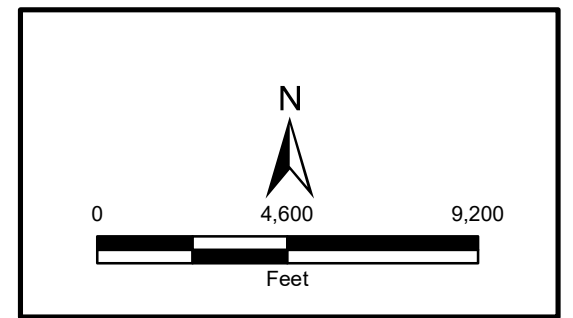


**Figure 11: CRITICAL HABITATS  
APPLICANT ID: PR-RGRW-03528**

**ADDRESS:** Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272



Source: U.S. FISH & WILDLIFE SERVICE  
<https://ecos.fws.gov>

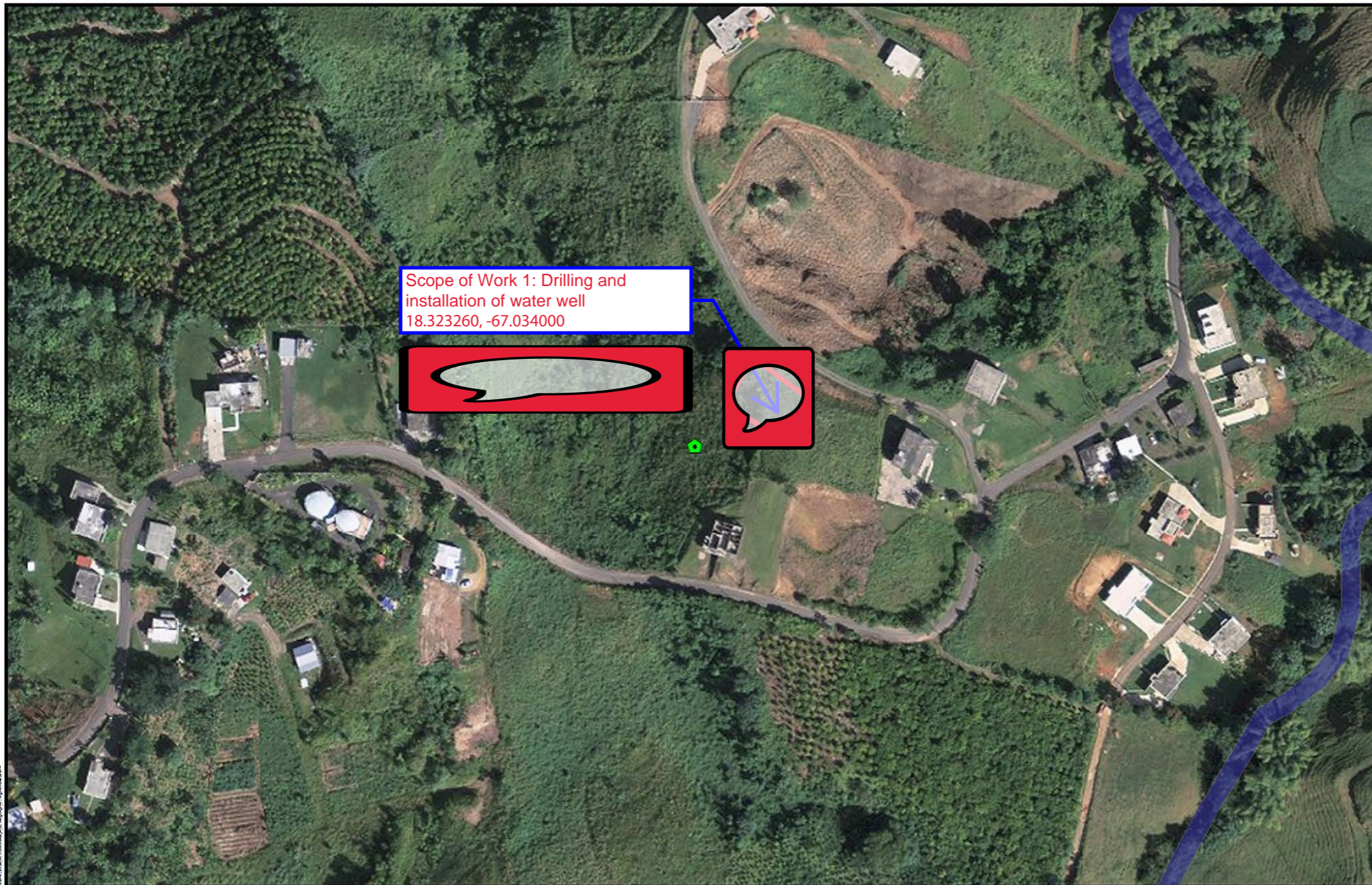
File Path: \\nas1202\gis\GIS\CDR\PR\Access\Shane\TDR\Map\USPRT\Fig\CRITICALHABITAT\_Secordary\_Imagery\_Export.mxd

Author: TG Date: 6/1/2023









- Legend**
- Project Parcel
- WETLAND TYPE**
- Estuarine and Marine Deepwater
  - Estuarine and Marine Wetland
  - Freshwater Emergent Wetland
  - Freshwater Forested/Shrub Wetland
  - Freshwater Pond
  - Lake
  - Riverine
- Area of Potential Effect

**PUERTO RICO**



**Figure 14: WETLANDS**  
**APPLICANT ID: PR-RGRW-03528**

ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

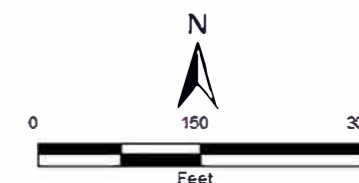
Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272

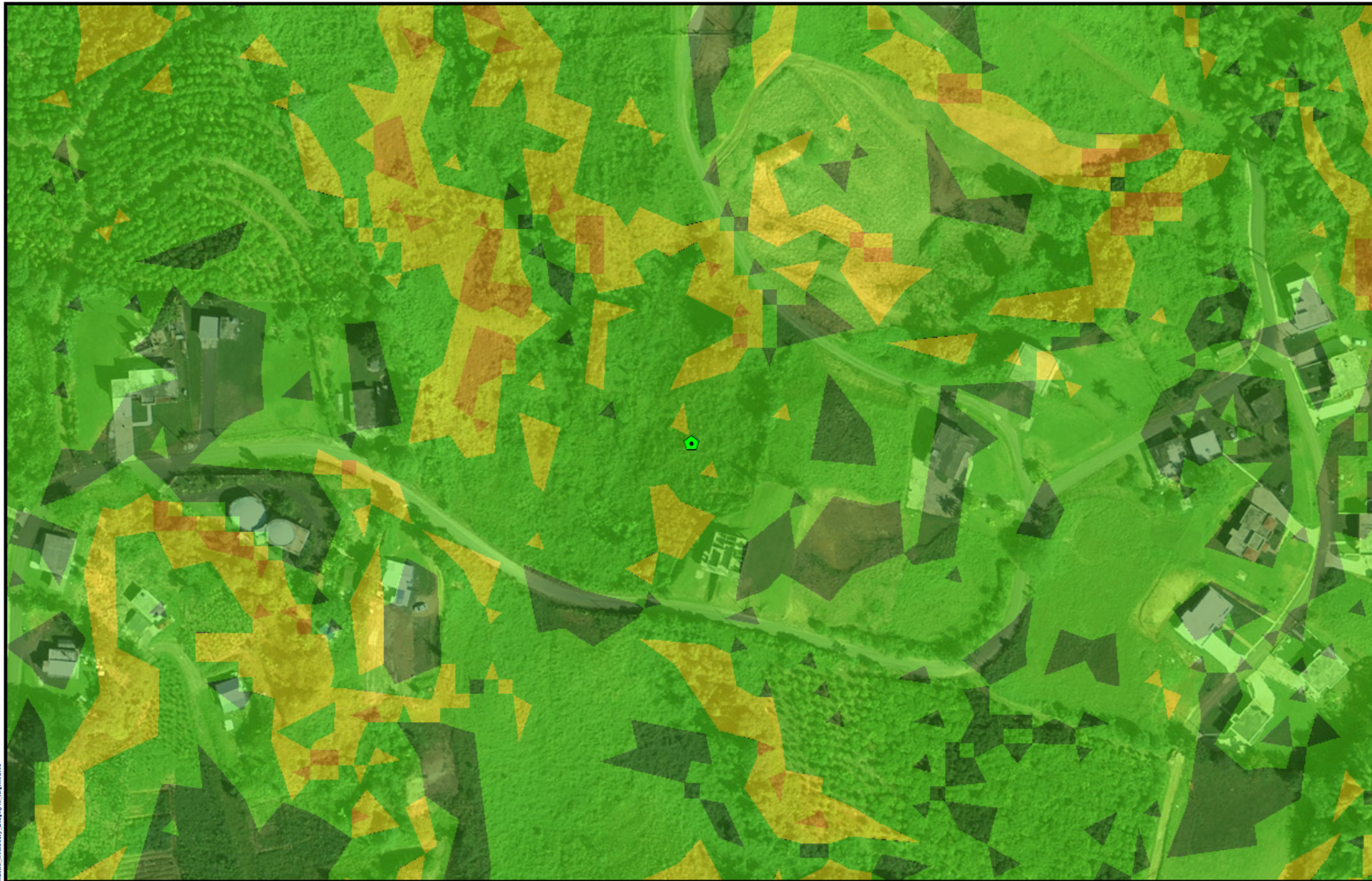








Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>

Author: TG Case: 6/1/2023







- Legend**
-  Project Parcel
- Landslide Susceptibility**
-  Extremely High
  -  Very High
  -  High
  -  Moderate
  -  Low

**PUERTO RICO**



**Figure 16: SLOPE AND EROSION  
APPLICANT ID: PR-RGRW-03528**

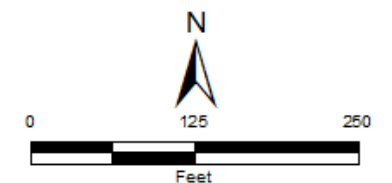
ADDRESS: Carr 423 km 5.7 Int Sector Ventura Ramos Bo Sonador, San Sebastian, PR 00685

Name of Development: Edwin Lebron Ramos

Parcel Coordinates: 18.322937, -67.034272



Source: PRDOH  
<http://maps.mps.a.rogis.com>  
<http://ps/w/e/bap/pv/le/w/r/in/ole/x.html?k=1-0506ecc7f15491daee17647f19248ee>  
 Author: TG Date: 6/1/2023



# **APPENDIX C**

## **Additional Information**



**APPENDIX D**  
Endangered Species

Date: January 11, 2024

Applicant ID: PR-RGRW-03528

Street Address: Carr 2423 km 5.7 Int Sector Ventura Ramos Bo Sonador

Municipality: San Sebastián

### **Subject – Endangered Species No Effect Determination for PR-RGRW-03528**

Tetra Tech conducted a site-specific review of endangered species 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 located at Carr 2423 km 5.7 Int Sector Ventura Ramos Bo Sonador, in the Municipality of San Sebastián, Puerto Rico (Parcel ID# 128-065-744-12-000).

The proposed project is for the drilling and installation of a water well. The water well will have an approximate depth of 500ft and set on a 10' x 10' concrete slab at coordinates 18.323260, -67.034000. Power will be provided from an electrician conduit from the applicant's house. A trench with an approximate 150' linear foot, 3 feet depth will be needed for the power connection from the applicant's house to the water pump and motor.

The proposed project area is located on a cleared portion of the parcel. This section is ungraded but has been cleared of vegetation. Surrounding landscape includes farmland on all sides of the proposed project area. The parcel is currently used to grow plantains and yams and is frequently disturbed. No trees will be removed during this project.

The National Wetlands Inventory indicated that no wetlands are located within the parcel (Figure 14).

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

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

No Critical Habitats were noted within the project area (Figure 10). Based on site review and site photos, no suitable habitat was found within the proposed project area for the Puerto Rican Boa. Based on the nature of the project, previous site disturbance, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, we have made the following effects determinations:

---

<b>Species</b>	<b>Effect Determination</b>	<b>Conservation Measures to be implemented (if needed)</b>
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	No Effect	No Conservation Measures

A 'No Effect' determination has been made based on the lack of suitable habitat for the Puerto Rican Boa, as well as previous disturbance and current land use of the proposed project area.

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.

**Attachments:**

IPaC Resource List

Shelby McDowell

B.S. Biologist, Tetra Tech



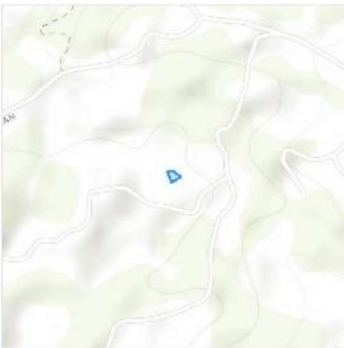
# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

San Sebastián County, Puerto Rico



## Local office

Caribbean Ecological Services Field Office

☎ (787) 834-1600

📠 (787) 851-7440

✉ [CARIBBEAN\\_ES@FWS.GOV](mailto:CARIBBEAN_ES@FWS.GOV)

### MAILING ADDRESS

Post Office Box 491  
Boqueron, PR 00622-0491

### PHYSICAL ADDRESS

Office Park I  
State Road #2 Km 156.5, Suite 303}  
Mayaguez, PR 00680

# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## Reptiles

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> Wherever found No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/6628">https://ecos.fws.gov/ecp/species/6628</a>	Endangered

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

## Bald & Golden Eagles

There are no documented cases of eagles being present at this location. However, if you believe eagles may be using your site, please reach out to the local Fish and Wildlife Service office.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>

- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply). To see a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the [Eagle Act](#) should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

The [data](#) in this location indicates there are no migratory [birds of conservation concern](#) expected to occur in this area.

There may be migratory birds in your project area, but we don't have any survey data available to provide further direction. For additional information, please refer to the links above for recommendations to minimize impacts to migratory birds or contact your local FWS office.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

#### What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern \(BCC\)](#) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

#### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

#### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

# Facilities

## National Wildlife Refuge lands

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

There are no refuge lands at this location.

## Fish hatcheries

There are no fish hatcheries at this location.

## Wetlands in the National Wetlands Inventory (NWI)

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

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

This location did not intersect any wetlands mapped by NWI.

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

### Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

### Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

### Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

# **APPENDIX E**

## **Section 106 Consultation**



**GOVERNMENT OF PUERTO RICO**  
STATE HISTORIC PRESERVATION OFFICE

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

November 2, 2023

**Lauren Bair Poche**

HORNE  
10000 Perkins Rowe, Suite 610, Bldg G  
Baton Rouge, LA 70810

SHPO 10-16-23-04 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:  
PR-RGRW-03528- EDWIN LEBRÓN RAMOS – CARR. 2423 KM 5.7 INT., SECTOR  
VENTURA RAMOS, BO. SONADOR, SAN SEBASTIÁN, PUERTO RICO

Dear Ms. Bair,

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



October 16, 2023

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-03528 – Edwin Lebron Ramos – Carr 2423 km 5.7 Int, Sector Ventura Ramos, Bo Sonador, San Sebastián, 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 was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (Housing) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents.

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by Edwin Lebron Ramos located at Carr 2423 km 5.7 Int Sector Ventura Ramos Bo Sonador, in the municipality of San Sebastián. The undertaking for this project includes the drilling and installation of a water well and the purchase of a UTV. The applicant plans to install a water well with an approximate depth of 500ft and construct a 10' x 10' concrete slab adjacent to the well.

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](mailto:lauren.poche@horne.com) or phone at 225-405-7676 with any questions or concerns.


Kindest regards,



**Lauren Bair Poche, M.A.**

Architectural Historian, Historic Preservation Senior Manager

Attachments

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>		
<b>Subrecipient:</b> Edwin Lebron Ramos		
<b>Case ID:</b> PR-RGRW-03528		<b>City:</b> San Sebastián

<b>Project Location:</b> Carr 2423 km 5.7 Int Sector Ventura Ramos Bo Sonador	
<b>Project Coordinates:</b> 18.323260, -67.034000	
<b>TPID (Número de Catastro):</b> 128-065-744-12-000	
<b>Type of Undertaking:</b> <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
<b>Construction Date (AH est.):</b> ca. 1985	<b>Property Size (acres):</b> 3.25

<b>SOI-Qualified Archaeologist:</b> Roberto G. Muñoz-Pando, PhD
<b>Date Reviewed:</b> September 13, 2023

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 scope of work for this project includes the drilling and installation of a water well and the purchase of a UTV. This land is currently used for growing plantains and yams. The applicant plans to install a water well with an approximate depth of 500ft and construct a 10' x 10' concrete slab at coordinates 18.323260, -67.034000. No water or power connection needed for the scope of work. Field is not graded.

### 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 at coordinates 18.323260, -67.034000 where the applicant plans to install a water well with an approximate depth of 500ft and construct a 10 ft by 10 ft concrete slab. The APE is constrained by the road, the landform, and the parcel boundary. The visual APE is the viewshed of the proposed project.

### 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

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
<b>Subrecipient:</b> Edwin Lebron Ramos	
<b>Case ID:</b> PR-RGRW-03528	<b>City:</b> San Sebastián

this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area does not contain any previously identified archaeological sites or any conducted cultural resource surveys within a 0.5 miles radius of the APE. The project area is sitting on primarily two types of soil: Consumo Clay (CoE) with 20 to 40 percent slopes and Humatas Clay (HmD) with 12 to 20 percent slopes, both of which have very strong acidity. This makes the probability of finding intact and significant archaeological materials in the area low to moderate.

### Identification of Historic Properties - Architecture


Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is **not** within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District.

### Determination

The following historic properties have been identified within the APE:

- Direct Effect:
  - N/A
- Indirect Effect:
  - N/A

The project area is not located within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District. Based on the results of our historic property identification efforts, the Program has determined that no previously identified historic properties are located within or adjacent to the parcel that contains the proposed Area of Potential Effect. In addition, our background research shows that the project area has no previously identified archaeological sites within an 0.5-mile radius of the APE. The types of soils where the project area is located make the probability of finding intact and significant cultural materials in the Project Area low to moderate. Therefore, no historic properties will be affected by the proposed project activities.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGRW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>	
<b>Subrecipient:</b> Edwin Lebron Ramos	
<b>Case ID:</b> PR-RGRW-03528	<b>City:</b> San Sebastián

**Recommendation**

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"/> <b>Concurs</b> with the information provided. <input type="checkbox"/> <b>Does not concur</b> with the information provided.	
<b>Comments:</b>  	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:









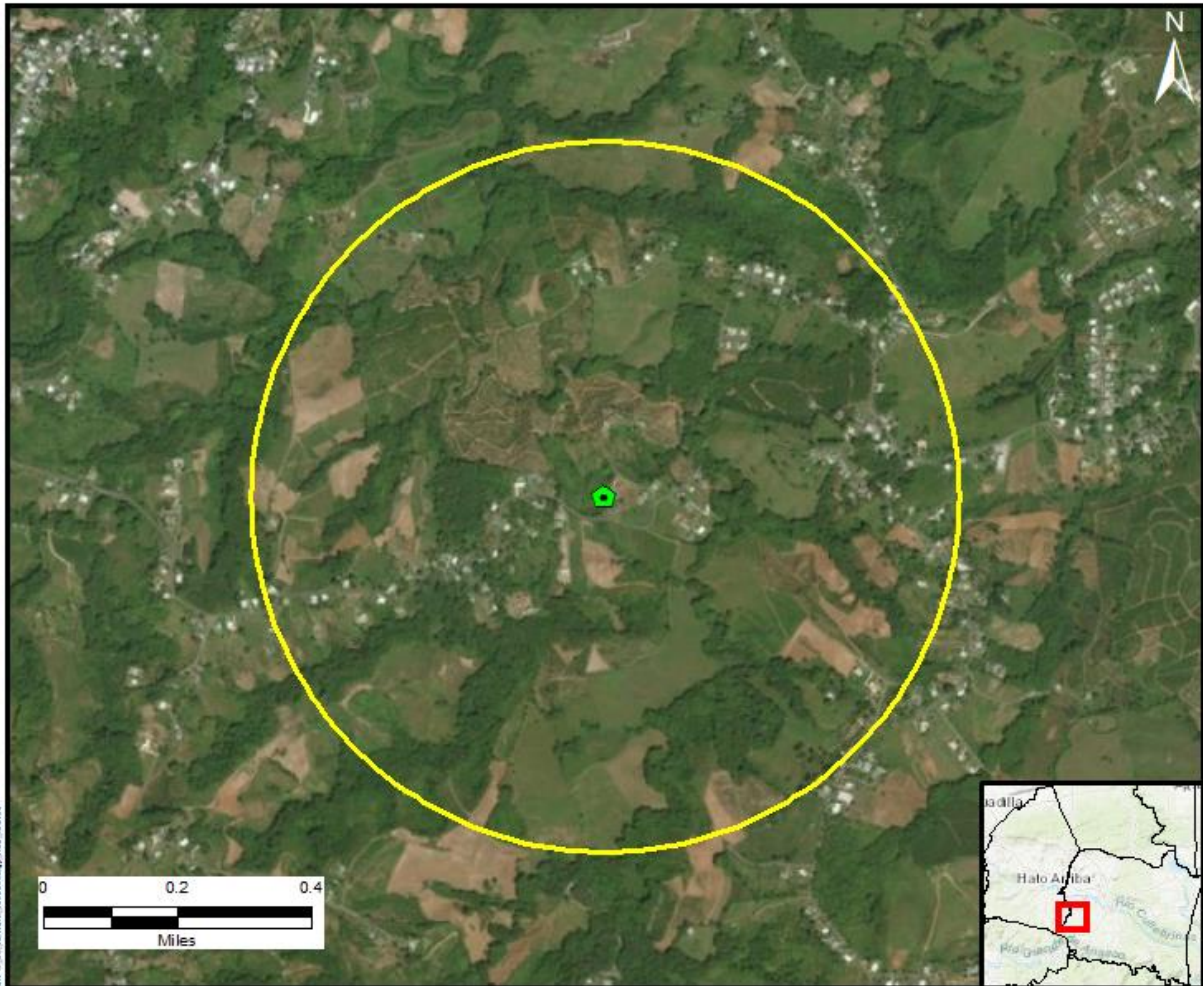


Subrecipient: Edwin Lebron Ramos

Case ID: PR-RGRW-03528

City: San Sebastián

### Project (Parcel) Location with Previous Investigations - Aerial Map








0 0.2 0.4  
Miles



Source: National Park Service

Legend

-  Tier 2 Site
-  Half Mile Buffer
-  Historic Comunidades
-  Traditional Urban Centers
-  Cultural Resource District Polygon

Author: TG

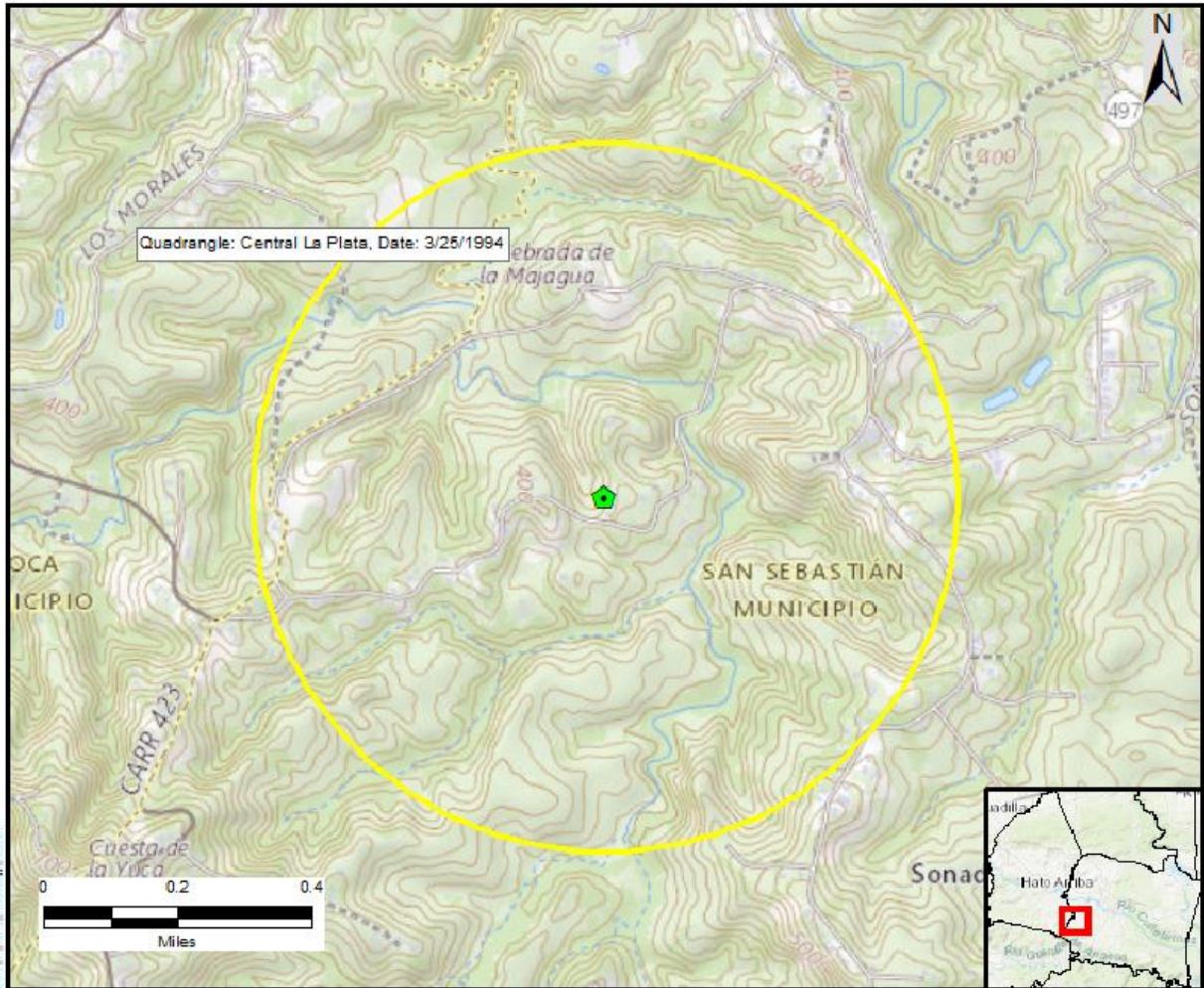
Date: 9/29/2022

Subrecipient: Edwin Lebron Ramos

Case ID: PR-RGRW-03528

City: San Sebastián

### Project (Parcel) Location with Previously Recorded Cultural Resources USGS Topographic Map



Source: National Park Service

Author: TG

Date: 9/29/2022

Legend

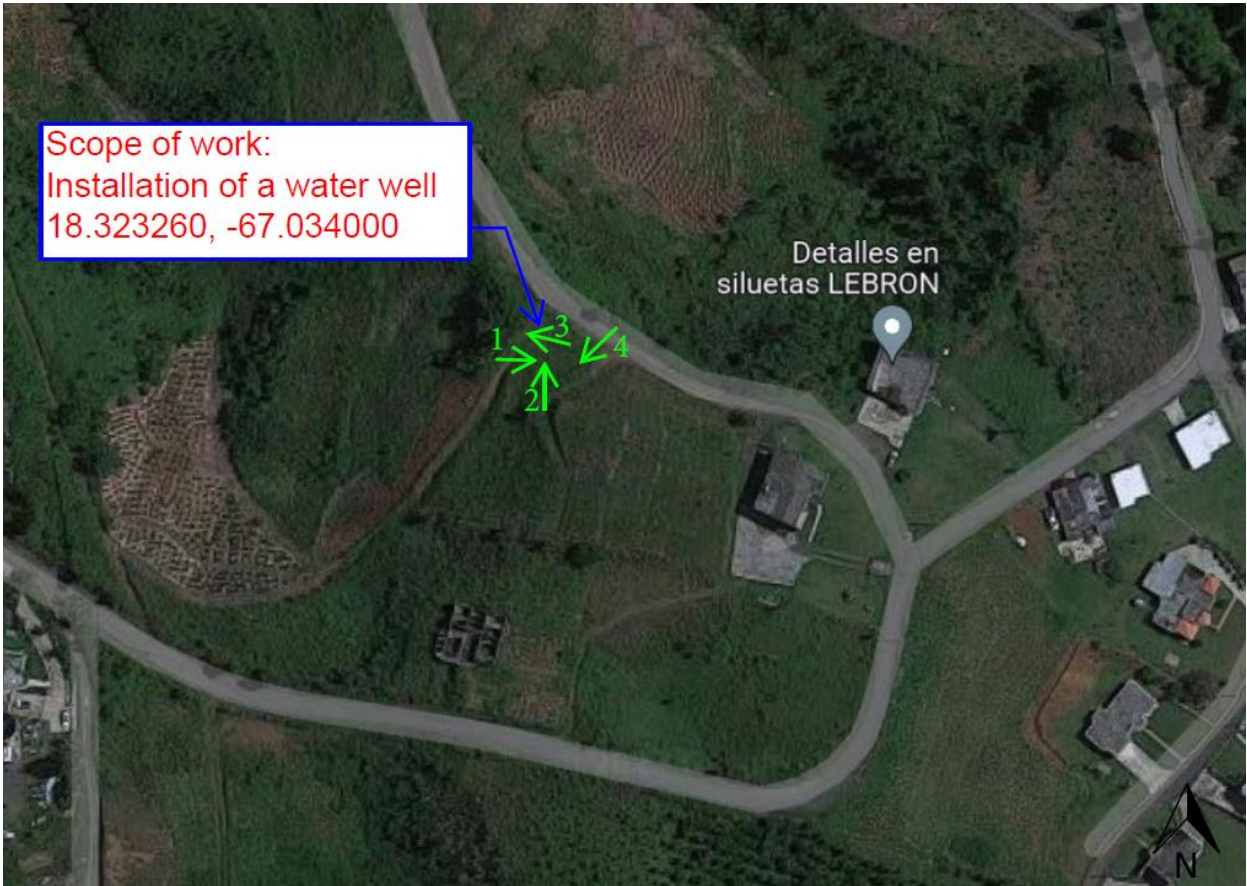
- Tier 2 Site
- Half Mile Buffer
- Historic Comunidades
- Traditional Urban Centers
- Cultural Resource District Polygon

Subrecipient: Edwin Lebron Ramos

Case ID: PR-RGRW-03528

City: San Sebastián

### Photograph Key



**Subrecipient:** Edwin Lebron Ramos

**Case ID:** PR-RGRW-03528

**City:** San Sebastián



**Photo #: 1**

**Description (include direction):** View to the East

**Date:** 5/24/2023

Scope Of Work: Installation of a water well



**Photo #: 2**

**Description (include direction):** View to the North

**Date:** 5/24/2023

Scope Of Work: Installation of a water well

**Subrecipient:** Edwin Lebron Ramos

**Case ID:** PR-RGRW-03528

**City:** San Sebastián



**Photo #:** 3

**Description (include direction):** View to the Northwest

**Date:** 5/24/2023

Scope Of Work: Installation of a water well



**Photo #:** 4

**Description (include direction):** View to the Southwest

**Date:** 5/24/2023

Scope Of Work: Installation of a water well



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 printed name of the signatory.

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT