

# **Environmental Assessment**

## **Determinations and Compliance Findings for HUD-assisted Projects**

### **24 CFR Part 58**

#### **Project Information**

**Project ID:** PR-RGRW-04000

**Project Name:** Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

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

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

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

**Preparer:** Clifford Jarman

**Certifying Officer Name and Title:** Permit and Compliance Officers: Sally Acevedo Cosme, Pedro De León Rodríguez, María T. Torres Bregón, Angel G. López-Guzmán, Ivelisse Lorenzo Torres, Santa Damarys Ramírez Lebrón, and Janette I. Cambrelén

**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 23.64-acre site located at Carr. PR-525 Km 3.9 Barrio Guilarte in the Municipality of Adjuntas, Puerto Rico (Parcel ID# 265-000-008-07-001). The coordinates of the property are 18.16715, -66.78568.

This farm was previously dedicated to coffee and citrus fruit production and is currently for growing bananas, citrus fruits, coffee and lettuce and coriander in hydroponic greenhouses. There is a house and a shipping container storage building.

The farm currently has power and water from public services. The property also has water storage tanks for collecting rainwater.

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

The proposed project area is approximately 0.325 acres. The proposed use of grant funds is for the construction of a water well 350 to 400 feet deep, and the purchase of agricultural equipment including fertilizer, Ford transit vehicle, tractor, and a UTV.

The proposed activity is the construction of a 350- to 400-foot deep water well at 18.16831, -66.78613 between the existing greenhouses and the storage building. The dimensions of the finished well will be approximately 4-feet by 4-feet.

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 construction of the new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV is in keeping with the overall objectives of the Economic Development Program.

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

The land proposed for the installation of the new 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
- Appendix E – SHPO Consultation

**Funding Information**

<b>Grant Number</b>	<b>HUD Program</b>	<b>Funding Amount</b>
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:** \$147,147

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$147,147

## **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 consists of the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV. The nearest civil airport is approximately 92,526 feet from the proposed site. The nearest military airport is approximately 293,162 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 Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has various Coastal Barrier Resources Systems (CBRS) and Otherwise Protected Areas. The project is in southern Puerto Rico. The distance to the nearest CBRS unit or Otherwise Protected Area is 67,512 feet. Therefore, this project has no potential to impact a CBRS Unit or Otherwise Protected Area 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 not located in a 100-year floodplain per Floodplain Insurance Map 72000C170H, effective date April 19, 2005. 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>		
<p><b>Clean Air</b></p> <p>Clean Air Act, as amended, particularly section 176(c) &amp; (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The Project site is not located in a county or air quality management district that is in attainment status or non-attainment status for any criteria pollutants. The Municipio of Adjuntas is not listed in the EPA Green Book “Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants” The project consists of the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV 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>.</p>
<p><b>Coastal Zone Management</b></p> <p>Coastal Zone Management Act, sections 307(c) &amp; (d)</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project is located 57,798 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 8 in <b>Appendix B</b>.</p>
<p><b>Contamination and Toxic Substances</b></p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>A site visit conducted on November 21, 2022, showed a small pile of debris or rubbish but no visible signs vegetative stress, contamination, or toxic substances were noted at the project site.</p> <p>Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project.</p> <p>There are no sites of environmental concern identified within 3,000 feet of the project site.</p> <p>The project consists of the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV. See <b>Appendix C</b>. Refer to Figures 8 and 9 in <b>Appendix B</b>. The project is in compliance with Contamination and Toxic Substances.</p>
<p><b>Endangered Species</b></p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project will have No Effect on listed species. According to EPA NEPAassist Enviromapper, the nearest critical or proposed critical habitat is 80,363 feet to the southwest of the project location. Per the Official Species List from the</p>

<p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>		<p>U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa, Puerto Rican Broad-winged Hawk, Puerto Rican Parrot, and Puerto Rican Sharp-skinned Hawk can be found, but there are no critical habitats at this location. The proposed project will have no potential to affect species or habitats due to the developed nature of the site and the agricultural nature of the activities involved in the project. The new well would be located in an area that has been used for agricultural purposes and the Ford transit vehicle, tractor, and UTV used in an area currently under cultivation.</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 USFW Puerto Rican Boa Conservation Measures guidelines. Refer to Figures 10 and 11 in <b>Appendix B</b> and 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  <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  <input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project site is not designated as prime farmland or farmland of statewide importance. The project consists of the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV. The project does not include any activities that could potentially convert agricultural land to nonagricultural use. This project is in compliance with the Farmland Protection Policy Act. Refer to Figure 12 in <b>Appendix B</b>.</p>
<p><b>Floodplain Management</b></p>	<p>Yes    No</p>	<p>The Project site is not located in a 100-year floodplain per Floodplain Insurance Map</p>

<p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>72000C1070H, effective date April 19, 2005. 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. This project is in compliance with Executive Order 11988. (See maps in <b>Appendix B.</b>)</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 <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site terrain is considered too steep for prehistoric and early historic occupation. There is one prehistoric archaeological site and/or NRHP listed/eligible historic property within a half-mile radius of the property. This site is Limaní (AD0100012), an undetermined prehistoric bately with petroglyphs located 580 feet northwest of the property,</p> <p>The site was evaluated on January 27, 2023 and revised on March 23, 2023, by an SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on April 11, 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 April 14, 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>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <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 installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV at a farm site. 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></p> <p>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></p>	<p>Yes No</p>	<p>The south coast is 63,518 feet south of the property. The closest fresh-water bodies are</p>

Executive Order 11990, particularly sections 2 and 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Quebrada Las Guares 317 feet northeast of the property, Río Yahuecas 1,267 feet northwest of the property, and Quebrada La Vaca 2.693 feet miles northwest of the property.</p> <p>The NWI maps show no wetlands on, or adjacent to, the project site. This project does not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section. 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></p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes    No</p> <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 347,272 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 15 in <b>Appendix B</b>.</p>

<b>ENVIRONMENTAL JUSTICE</b>		
<p><b>Environmental Justice</b></p> <p>Executive Order 12898</p>	<p>Yes    No</p> <input type="checkbox"/> <input checked="" type="checkbox"/>	<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 of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

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

- (1) Minor beneficial impact
- (2) No impact anticipated

(3) Minor Adverse Impact – May require mitigation

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
<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. The project consists of the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV. Part of the property is zoned Agricola Productivo. The proposed action is compliant with the current agricultural land use of the Project area.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The proposed project is in mountain terrain, previously used for the cultivation of coffee and citrus fruits, with leveled areas, classified as Humatas clay (HmF2), 40 to 60 percent slopes, surrounded by agricultural land and patches of secondary forest vegetation cover, 635 meters above mean sea level.</p> <p>Projects larger than 1 acre must comply with the CWA and develop a SWPPP with the NPDES. The proposed project area is approximately 0.325 acres.</p> <p>The project site is already cleared and graded as part of the previous development of the site for greenhouses and storage building.</p> <p>The project site area is rated “low to moderate” for landslide susceptibility (see Figure 16 in <b>Appendix B</b>). The proposed location of the well is an already developed area between the greenhouses and the storage building.</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>

Energy Consumption	2	The project would not be connected to the local electricity provider. There would be no change in energy demand in the area.
Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>SOCIOECONOMIC</b>		
Employment and Income Patterns	2	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.  The proposed project would not negatively impact employment or income patterns.
Demographic Character Changes, Displacement	2	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.

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>COMMUNITY FACILITIES AND SERVICES</b>		
Educational and Cultural Facilities	2	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 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	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	Any soil from installation of the well would be recycled on the farm as fill. Left over construction materials that could be reused on the farm (e.g., piping, cement) 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 installation of the well would be minor.
Wastewater / Sanitary Sewers	2	The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current farm conditions would remain unchanged.
Water Supply	2	Applicant has access to a water supply from the local utility with auxiliary water storage tanks for collection of rainwater. The installation of the well proposed project will reduce dependence on the utility.  The appropriate permit for the new water well will be obtained from PRDNER before installation and operation.
Public Safety - Police, Fire and Emergency Medical	2	The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	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 surface 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.  The proposed increase in water produced from the new well will reduce the amount of water needed from the local utility.
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.
Climate Change	2	There will be no impact to the climate as a result of this project as land use does not change. The project site is currently used for greenhouse cultivation.

**Additional Studies Performed:** None required.

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

Site inspection was conducted on November 21, 2022 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/npas/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf](http://www.faa.gov/airports/planning_capacity/npas/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:**

None required

#### **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 includes 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 of the agricultural products. Water use would increase to a minor degree but would reduce the demand on the local utility.

#### **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, processing, and delivery of agricultural products through the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV. 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 installation of the well is proposed for an area in front

of the existing greenhouses and close to the existing water system for the greenhouses and hydroponics. Alternative locations on the property would be farther from the greenhouse and existing water system.

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

Under the No Action Alternative, the applicant would not receive federal funding for the installation of a new well and the purchase of fertilizer, Ford transit vehicle, tractor, and a UTV 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.

**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	The appropriate permit will be obtained before installation and operation of the new water well..

**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: 05/16/23

Name/Title/Organization: Clifford Jarman, Senior Environmental Scientist, Tetra Tech Inc.

Certifying Officer Signature:  Date: 7/10/2023

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

## Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-04000		
Applicant Name	Jeniffer Pagan Rodriguez DBA Finca Buenaventura		
Property Address	a 525 Kilometro 3.9 Barrio Liman		
Parcel ID	265-000-008-07 001		
Coordinates	18.16715, -66.78568		
Inspector Name	Josue Troche		
Inspection Date	11/21/2022		
Building Type	Concrete_Metal		
Number of Units	1		
Number of Stories	1		
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 structure in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B. Is structure a greenhouse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. Is Electricity connected?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D. Is water connected? (Utilities or Well)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community water
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 checked="" type="checkbox"/>	<input type="checkbox"/>	18 x 200gallons 600 gallons 450 gallons 55 gallon 400gallons 20lbs 100lbs 420lbs  Water reserve Water reserve Water reserve Water reserve Water reserve Propane tank Propane tank Propane tank
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"/>	hydroponics(greenhouses)
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 checked="" type="checkbox"/>	<input 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: 04000

Correct coordinates: 18.16715° N, -66.78568° W

Scope of Work:

Scope of work 1

Construction of a water well

18.16831° N, -66.78613° W

Estimate depth on the estimate to be between 350-400ft

Land current in use for:

Growing Bananas, citrus fruits, coffee and in the hydroponics(greenhouses) they have lettuce and coriander .

Past land use was: Agricultural use(coffee beans and citric fruits)

What the applicant plans to do:

The purchase of agricultural equipment including fertilizer, ford transit vehicle, tractor, UV and the construction of a water well.

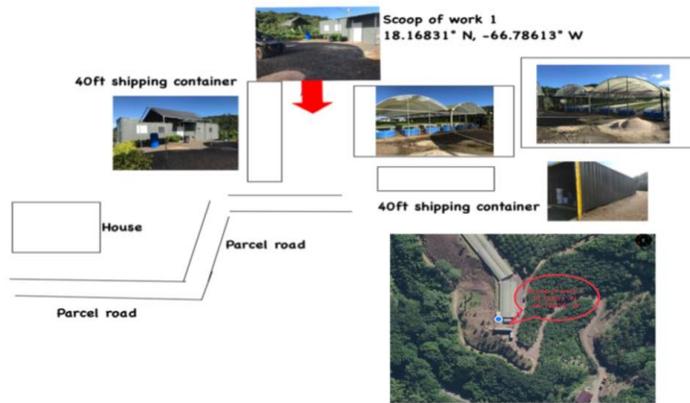
Where the applicant plans to do the ground disturbance for the new structures:

18.16831° N, -66.78613° W

Any new water connection, well, cisterns or power connection:

Community water on the premises and is connected to the energy grid.

### 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: East



**Facing Away From Back**

Photo Direction: West



**Side #2 of Structure**

Photo Direction: Northwest



**Facing Away From Side #2**

Photo Direction: Southeast



**Streetscape #1**

Photo Direction: West



**Streetscape #2**

Photo Direction: East



**Address**

Photo Direction: South



Outbuildings

Photo Description: House

Photo Direction: Southeast



Outbuildings

Photo Description: Packing container

Photo Direction: North



Outbuildings

Photo Description: Packing and distribution area

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: West



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structure Occupied

Photo Description: Scope of work 1

Photo Direction: North



Structure Occupied

Photo Description: Scope of work 1

Photo Direction: Northeast



**Structure Occupied**

Photo Description: Scope of work 1

Photo Direction: West



**Structure Occupied**

Photo Description: Scope of work 1

Photo Direction: Northwest



Greenhouse Photos

Photo Description: Greenhouse

Photo Direction: North



Electricity Connected

Photo Description: Electricity meter

Photo Direction: North



Aboveground Storage Tanks

Photo Description: Water reserves

Photo Direction: East



Aboveground Storage Tanks

Photo Description: Water reserves

Photo Direction: Northeast



Aboveground Storage Tanks

Photo Description: Water reserves

Photo Direction: North



Aboveground Storage Tanks

Photo Description: Water reserve

Photo Direction: East



Aboveground Storage Tanks

Photo Description: Water reserve

Photo Direction: East



Aboveground Storage Tanks

Photo Description: Water reserve

Photo Direction: North



Aboveground Storage Tanks

Photo Description: Water reserve

Photo Direction: East



Aboveground Storage Tanks

Photo Description: Propane tank

Photo Direction: South



Aboveground Storage Tanks

Photo Description: Propane tank

Photo Direction: Southeast



Standing Water

Photo Description: Stream

Photo Direction: Northeast



# Appendix B



**Legend**

-  Project Parcel
-  Parcels

**PUERTO RICO**



**Figure 1: PROJECT LOCATION**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

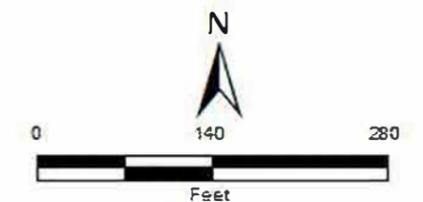
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

Parcel Coordinates: 18.168310, -66.786130



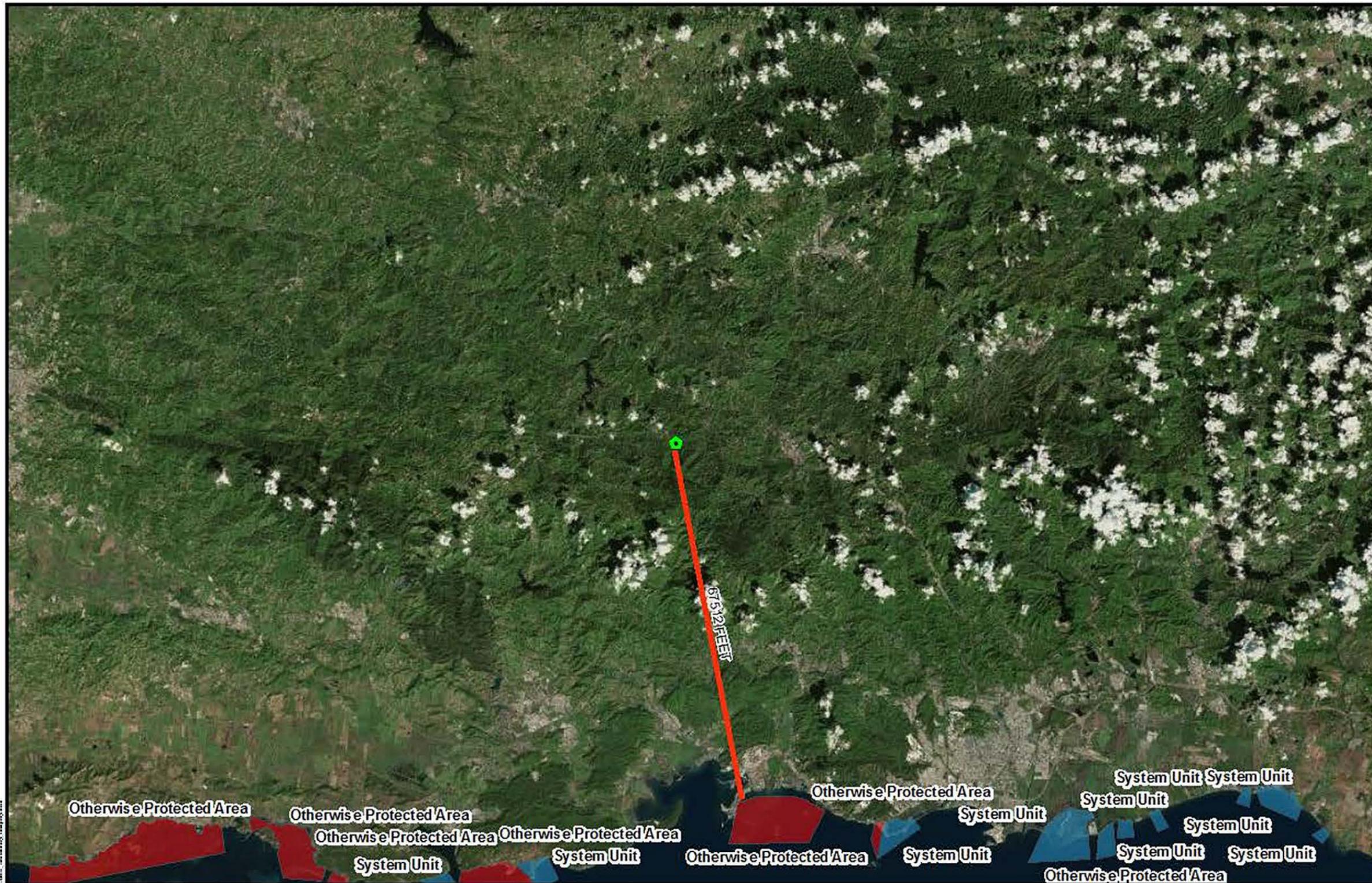
Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>

Author: TS Date: 2/29/2023



IN THE INTEREST OF THE PEOPLE OF PUERTO RICO, THE SECRETARY OF THE INTERIOR, DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT





**Legend**

Project Parcel

**Coastal Barrier Resources System Unit Type**

Otherwise Protected Area  
 System Unit

Distance to Nearest Coastal Barrier Resources System in Feet: 67,512

**PUERTO RICO**



**Figure 3: COASTAL BARRIERS IMPROVEMENT ACT**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

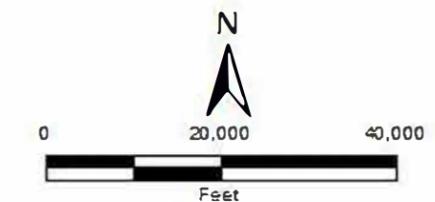
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

Parcel Coordinates: 18.168310, -66.786130



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

Author: TC Date: 10/4/2022





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

**PUERTO RICO**



**Figure 4: FLOODPLAIN MANAGEMENT**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

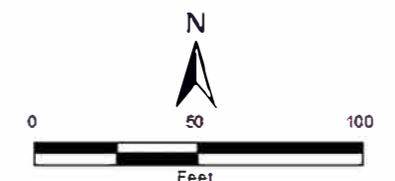
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

Parcel Coordinates: 18.168310, -66.786130



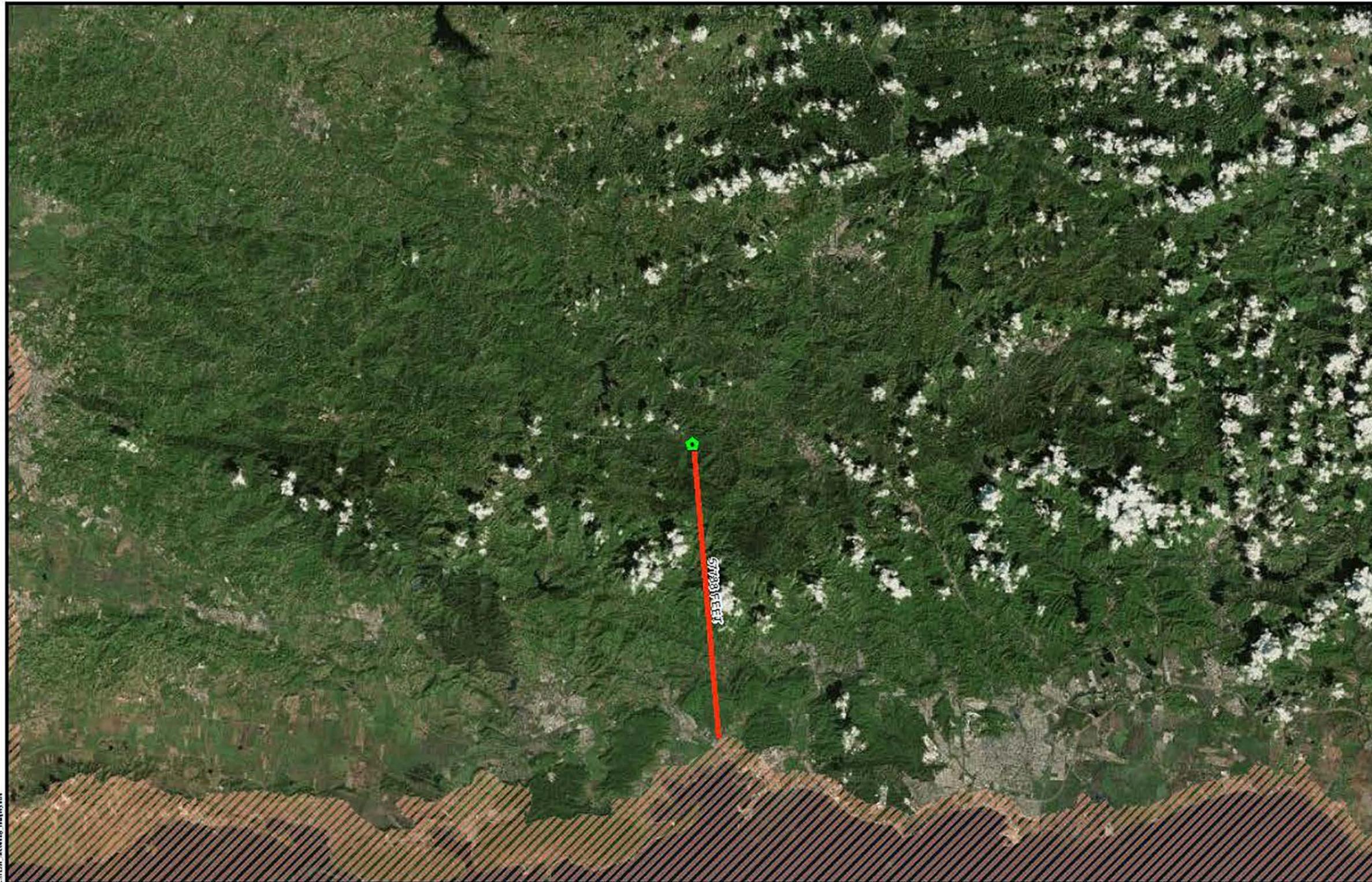
Source: FEMA  
<https://msc.fema.gov>

Author: TG Date: 11/1/2022









Legend

-  Project Parcel
-  Coastal Zone Management Boundary

PUERTO RICO



Figure 7: COASTAL ZONE MANAGEMENT

APPLICANT ID: PR-RGRW-04000

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

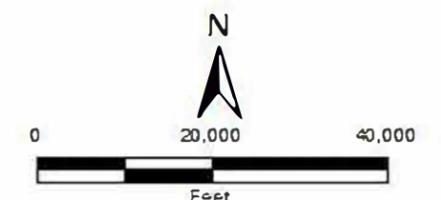
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

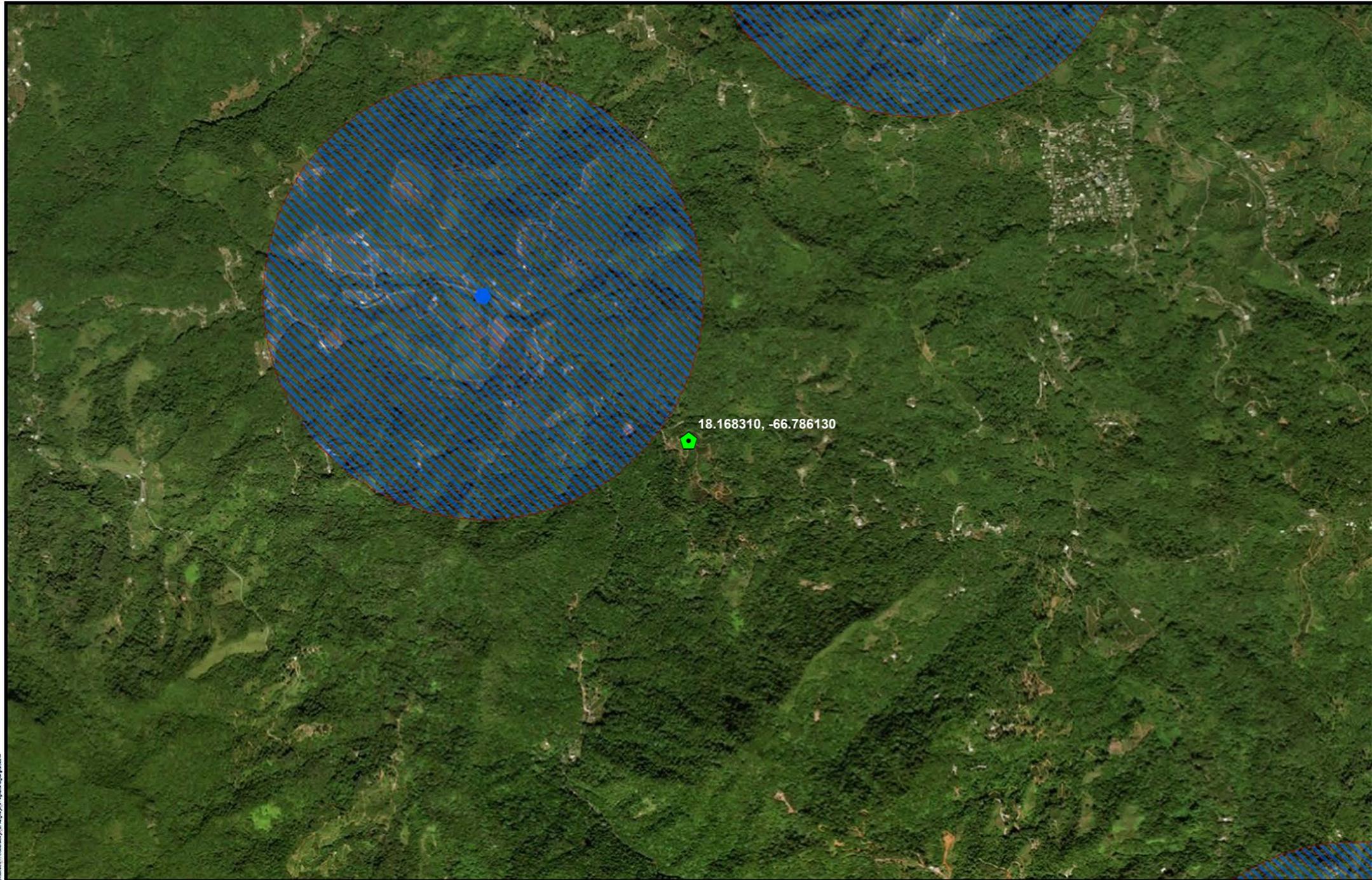
Parcel Coordinates: 18.168310, -66.786130



Source: NOAA's Ocean Service  
<https://data.noaa.gov>

Author: TS Date: 10/6/2022





- 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

18.168310, -66.786130

**PUERTO RICO**



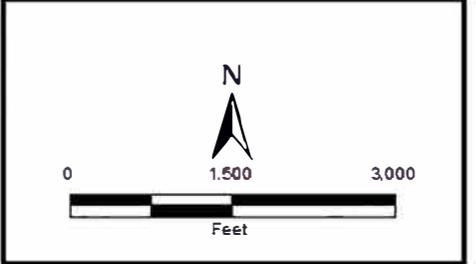
**Figure 8: TOXIC CHEMICALS AND GASES, HAZARDOUS MATERIALS, CONTAMINATION, AND RADIOACTIVE SUBSTANCES**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601  
 Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura  
 Parcel Coordinates: 18.168310, -66.786130



Source: E.P.A.  
<https://www.epa.gov/fs/geospatial-data-download-service>  
 Date: 11/2/2022

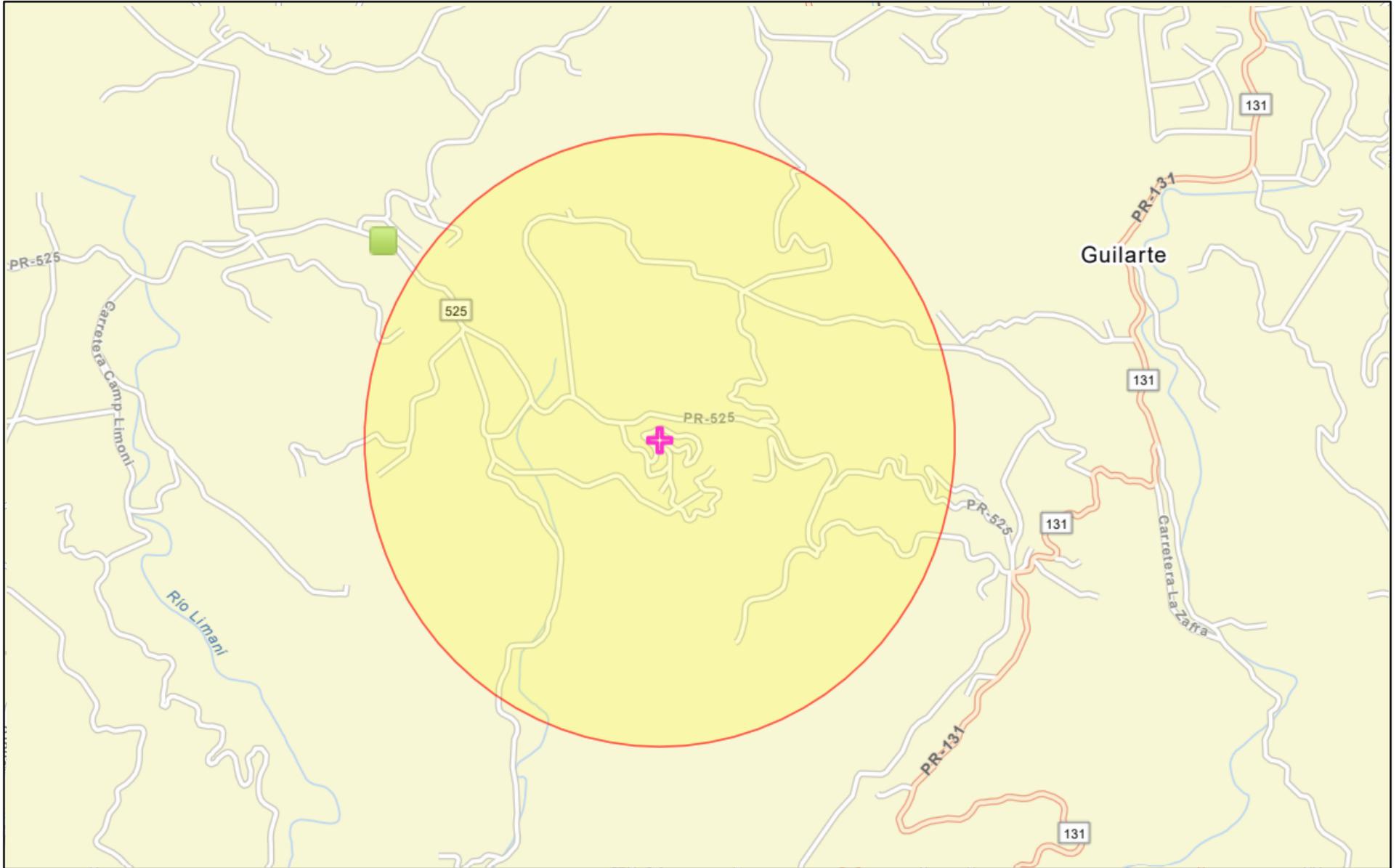


- + Water Dischargers (NPDES)
- + Toxic Releases (TRI)
- + Project Buffer
- + Water Dischargers (NPDES)
- + Hazardous Waste (RCRAInfo)
- + Search Result (point)
- + Air Pollution (ICIS-AIR)
- + Hazardous Waste (RCRAInfo)

1:18,056

0 0.13 0.25 0.5 mi  
0 0.23 0.45 0.9 km

Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census



**Figure 9: NEPA Assist Map**

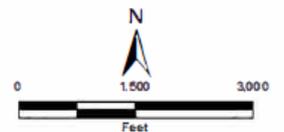
**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601  
 Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura  
 Parcel Coordinates: 18.168310, -66.786130

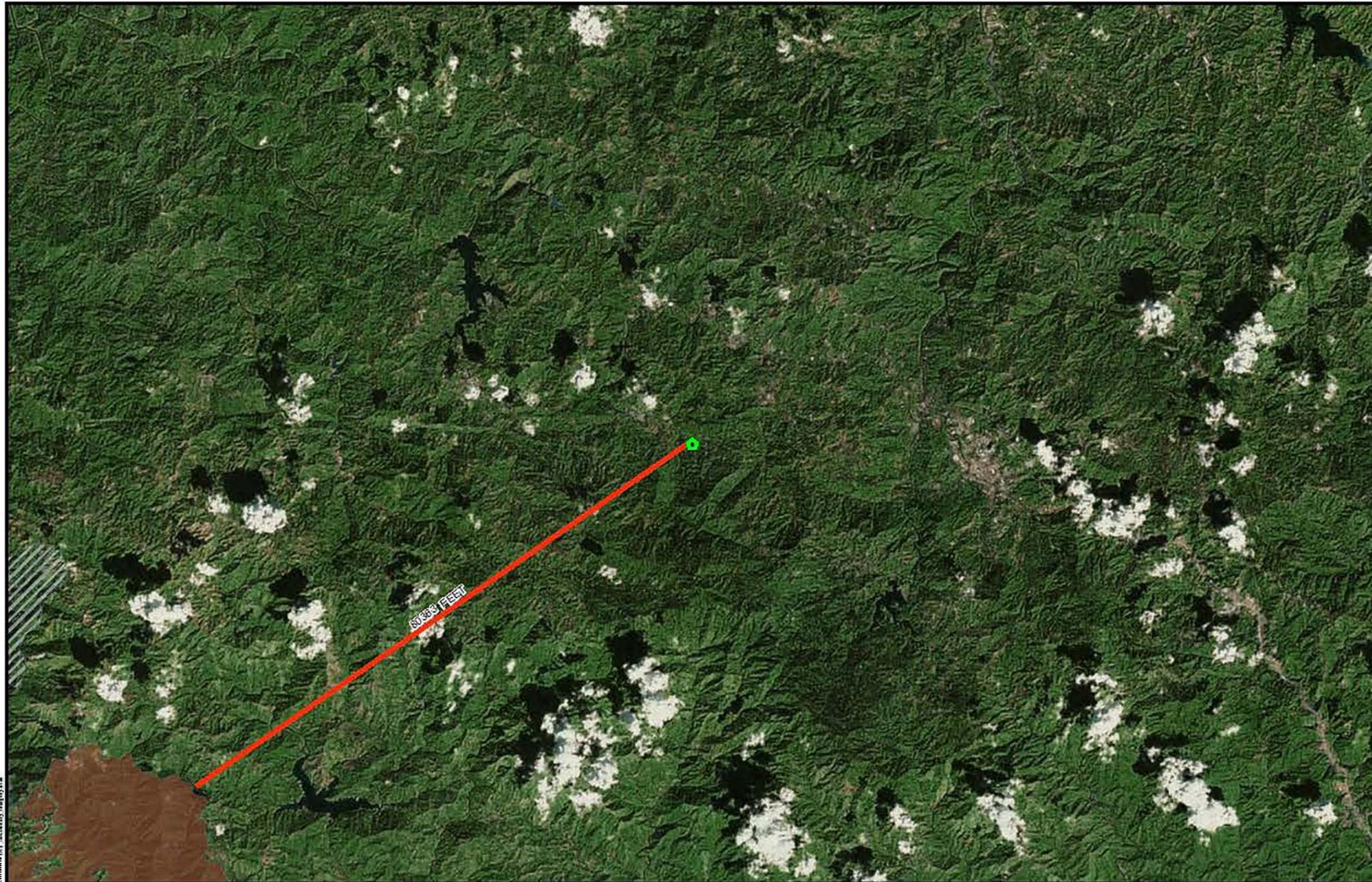


Source: EPA  
<https://www.epa.gov/fs/geospatial-data-download-service>

Date: 11/9/2022







**Legend**

-  Project Parcel
- Common Name**
-  Elfin-woods warbler
-  Puerto Rico harlequin butterfly

Distance to nearest Critical Habitat in feet:  
80,363

**PUERTO RICO**



**Figure 11: Critical Habitat**

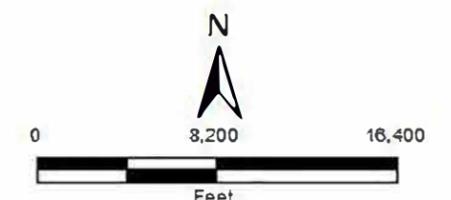
**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601  
 Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura  
 Parcel Coordinates: 18.168310, -66.786130



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

Author: TC Date: 2/21/2023





- Legend**
- Project Parcel
- Farm Class**
- All areas are prime farmland
  - Farmland of statewide importance
  - Farmland of statewide importance, if irrigated
  - Prime farmland if drained
  - Prime farmland if irrigated
  - Prime farmland if irrigated and reclaimed of excess salts and sodium
  - Prime farmland if protected from flooding or not frequently flooded during the growing season

**PUERTO RICO**



**Figure 12: FARMLAND PROTECTION**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

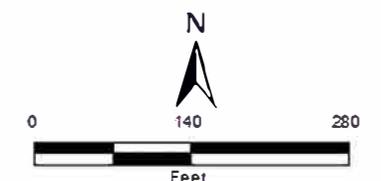
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

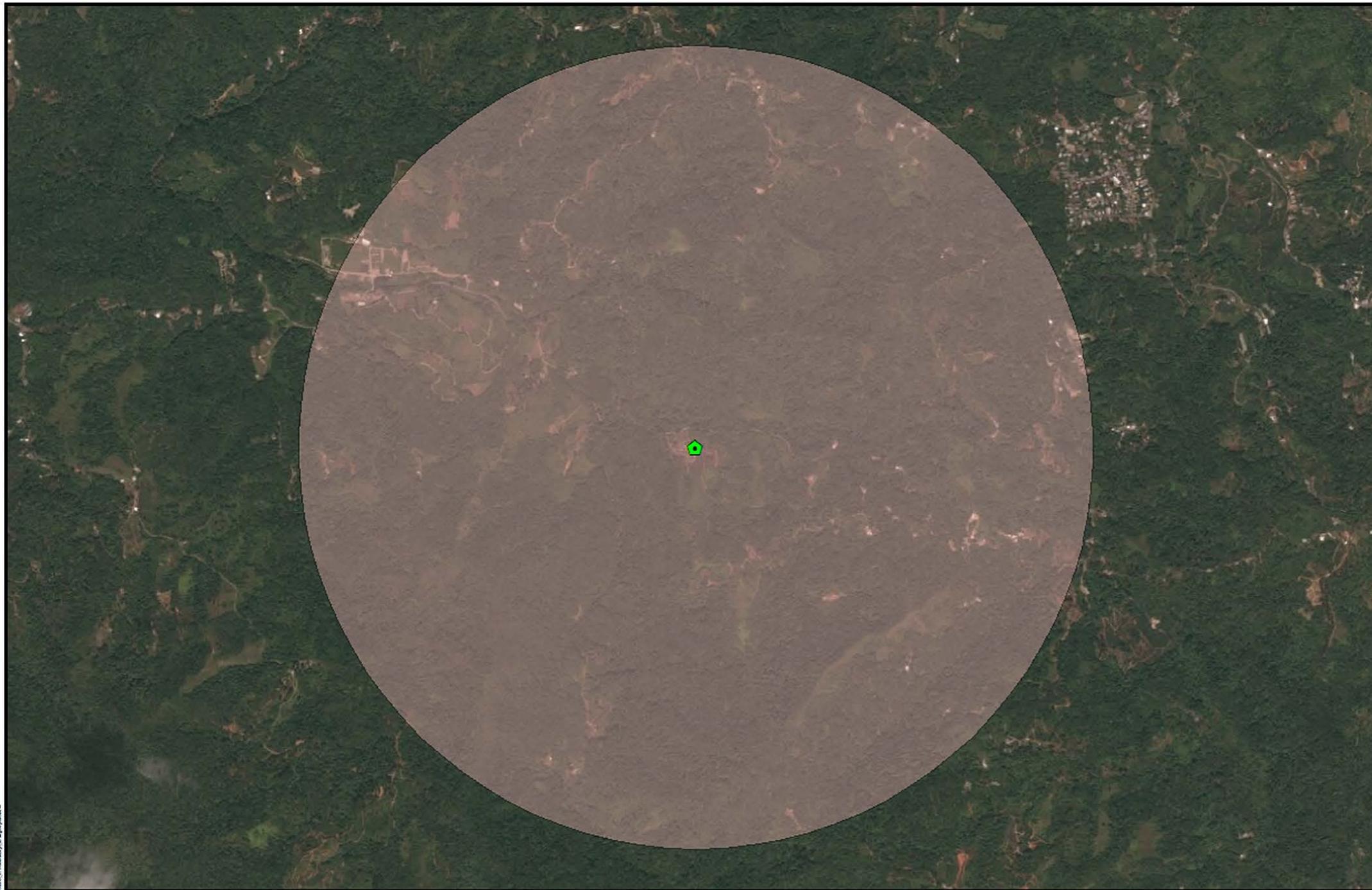
Parcel Coordinates: 18.168310, -66.786130



Source: USDA  
<https://websoilsurvey.sc.egov.usda.gov/>

Author: TG Date: 10/24/2022





- Legend**
- Project Parcel
  - Historic ICP Sites
  - Cultural Resource Building Point
  - Cultural Resource District Point
  - Cultural Resource Site Point
  - Cultural Resource Structure Point
  - Historic Comunidades
  - Traditional Urban Centers
  - Cultural Resource Building Polygon
  - Cultural Resource District Polygon
  - Cultural Resource Site Polygon
  - Cultural Resource Structure Polygon
  - 1 Mile Property Buffer

**PUERTO RICO**



**Figure 13: HISTORIC PRESERVATION**

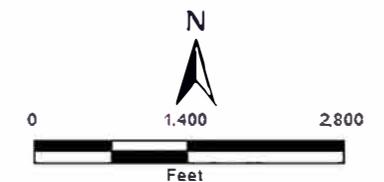
**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601  
 Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura  
 Parcel Coordinates: 18.168310, -66.786130



Source: National Park Service  
<https://www.nps.gov/>

Author: TG Date: 10/24/2022





**Legend**

-  Project Parcel
- WETLAND TYPE**
-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Riverine

**PUERTO RICO**



**Figure 14: WETLANDS**

**APPLICANT ID: PR-RGRW-04000**

ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

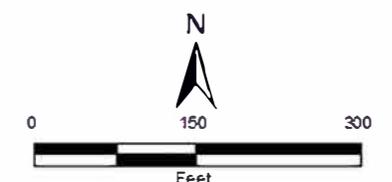
Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

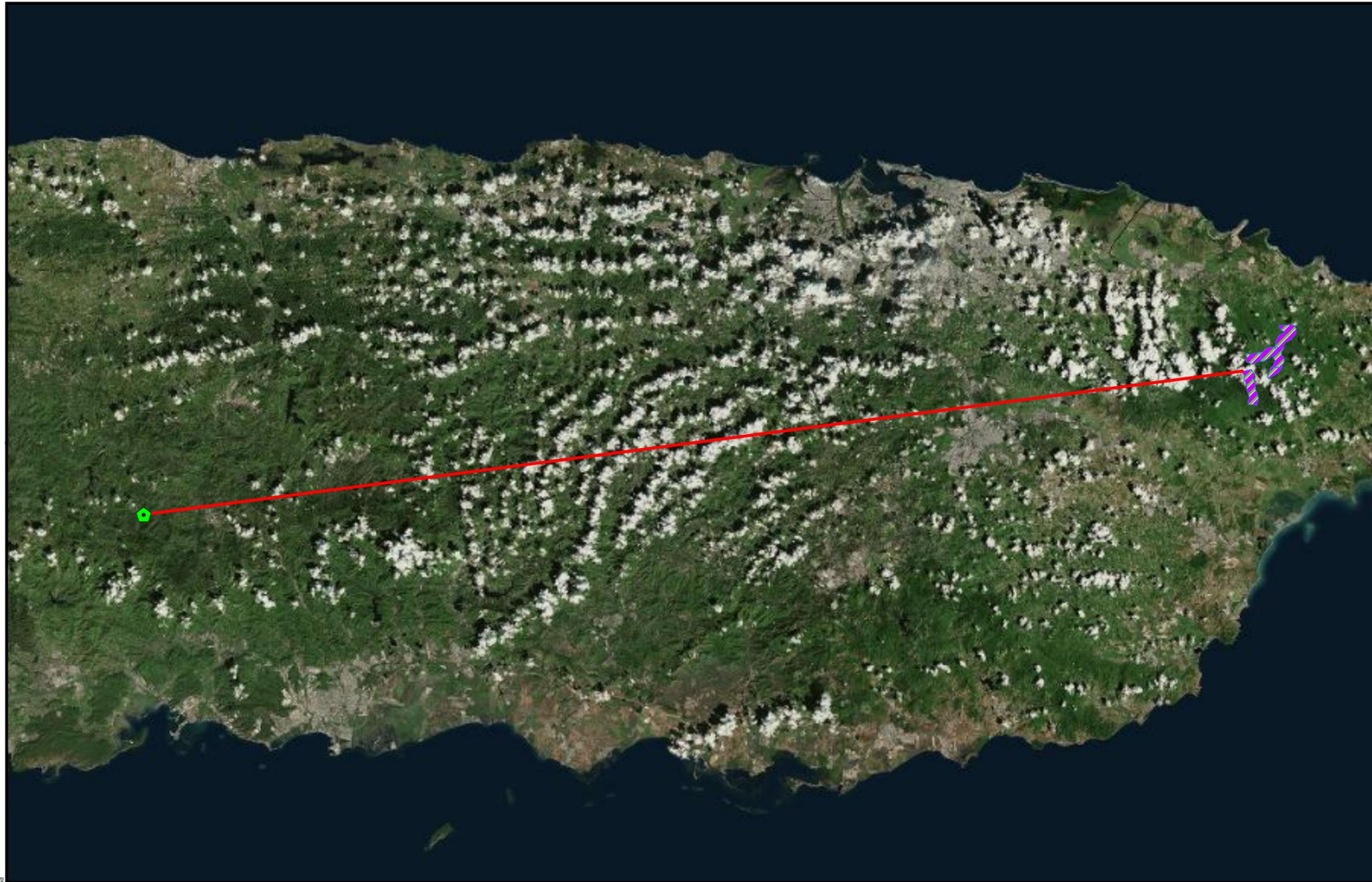
Parcel Coordinates: 18.168310, -66.786130



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

Author: TG Date: 10/4/2022





- Legend**
- ◆ Project Parcel
  - Nearest WSR
  - ▨ Wild and Scenic Rivers

Distance to Nearest Wild and Scenic River in Feet: 347272

**PUERTO RICO**



**Figure 15: WILD AND SCENIC RIVERS ACT**

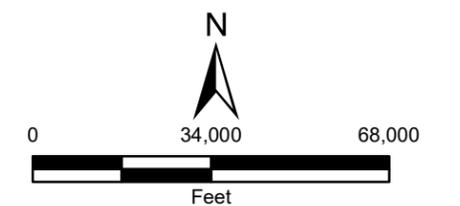
**APPLICANT ID: PR-RGRW-04000**

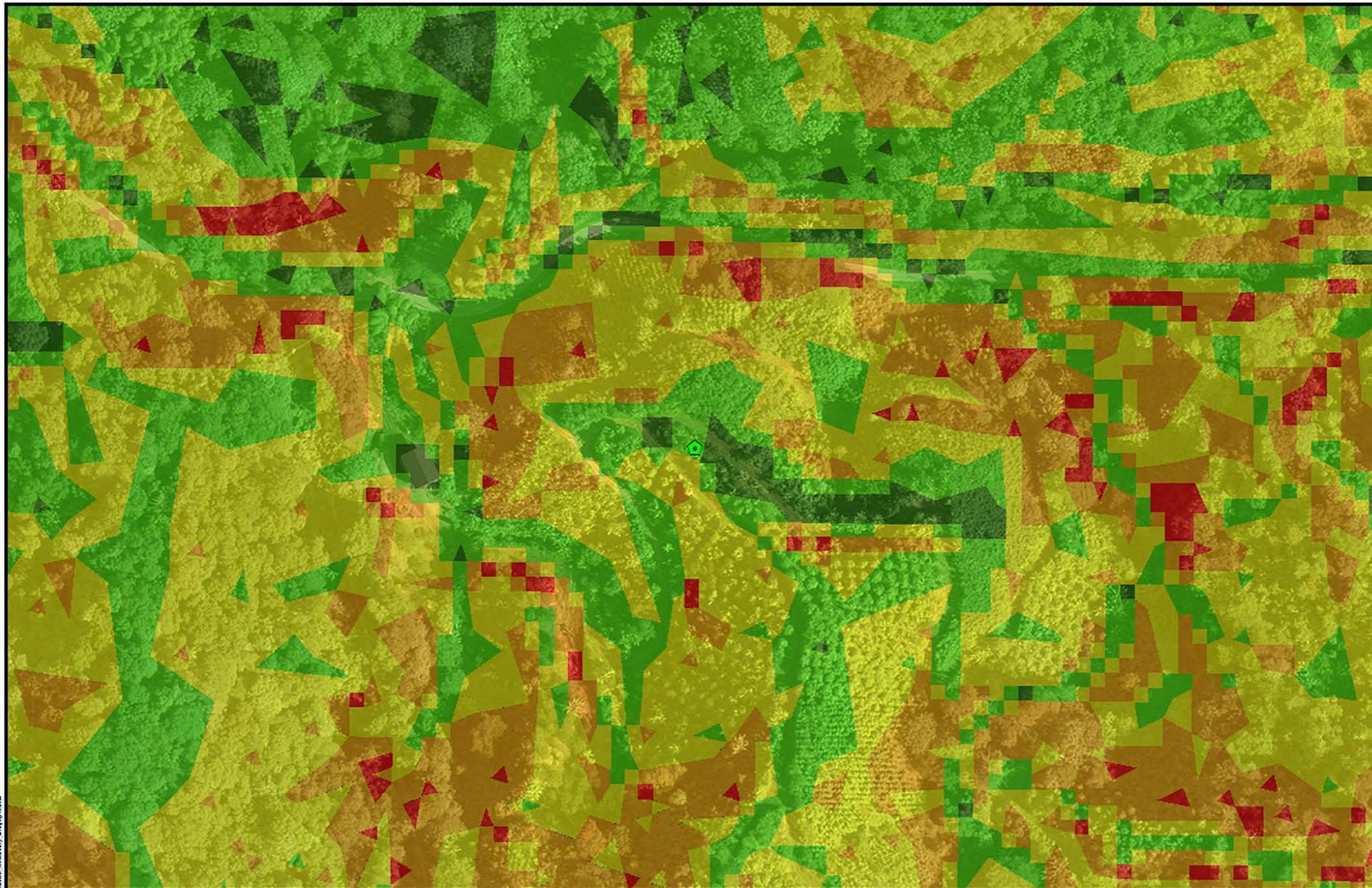
ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601  
 Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura  
 Parcel Coordinates: 18.168310, -66.786130



Source: U. S. Forest Service  
<https://www.fs.usda.gov>

Author: TG Date: 4/20/2023





**Legend**

-  Project Parcel
- landslide Susceptibility**
-  Extremely High
-  Very High
-  High
-  Moderate
-  Low

**PUERTO RICO**



**Figure 16: SLOPE AND EROSION**

**APPLICANT ID: PR-RGRW-04000**

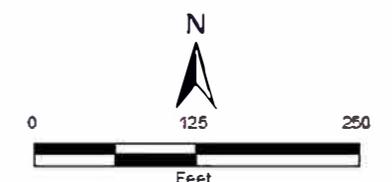
ADDRESS: a 525 Kilometro 3.9 Barrio Liman, PR 00601

Name of Development: Jeniffer Pagan Rodriguez DBA Finca Buenaventura

Parcel Coordinates: 18.168310, -66.786130



Source: PROOH  
<http://www.usgs.gov/maps/a/rogis.com>  
<http://www.esri.com/arcgis/arcgis/index.html?ti=10506ec07f15491d8ee17647f19248ee>  
 Author: TG Date: 10/4/2022



# Appendix C

# Green Book [Contact Us](#)

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

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

Data is current as of February 28, 2023

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

\* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m<sup>3</sup>) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. ([81 FR 58009](#))

Change the State:

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

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
<b>PUERTO RICO</b>								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11 12 13 14 15 16 17 18 19 20 21 22 23	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18 19 20 21 22 23	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23	//		Part	52,441	72/137

# Appendix D

# 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

Adjuntas 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

NOT FOR CONSULTATION

# 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:

## Birds

NAME	STATUS
<p><b>Puerto Rican Broad-winged Hawk</b> <i>Buteo platypterus brunnescens</i></p> <p>Wherever found</p> <p>No critical habitat has been designated for this species.</p> <p><a href="https://ecos.fws.gov/ecp/species/5512">https://ecos.fws.gov/ecp/species/5512</a></p>	Endangered
<p><b>Puerto Rican Parrot</b> <i>Amazona vittata</i></p> <p>Wherever found</p> <p>No critical habitat has been designated for this species.</p> <p><a href="https://ecos.fws.gov/ecp/species/3067">https://ecos.fws.gov/ecp/species/3067</a></p>	Endangered
<p><b>Puerto Rican Sharp-shinned Hawk</b> <i>Accipiter striatus venator</i></p> <p>Wherever found</p> <p>No critical habitat has been designated for this species.</p> <p><a href="https://ecos.fws.gov/ecp/species/604">https://ecos.fws.gov/ecp/species/604</a></p>	Endangered

## Reptiles

NAME	STATUS
------	--------

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Puerto Rican Boa *Chilabothrus inornatus*

Endangered

Wherever found

No critical habitat has been designated for this species.

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

## 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.

## 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:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- 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>

There are no migratory birds of conservation concern expected to occur at this location.

**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](#).

## Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

### 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.

NOT FOR CONSULTATION

# Appendix E



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

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

April 14, 2023

**Lauren Bair Poche**

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

SHPO 04-11-23-02 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:  
PR-RGRW-04000 - JENIFFER PAGÁN RODRÍGUEZ DBA FINCA  
BUENAVENTURA - CARR. PR-525 KM 3.9, BARRIO GUILARTE, ADJUNTAS,  
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



April 11, 2023

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

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

### **Section 106 NHPA Effect Determination Submittal: PR-RGRW-04000 – Jeniffer Pagán Rodríguez DBA Finca Buenaventura – Carr. PR-525 Km 3.9, Barrio Guilarte, Adjuntas, Puerto Rico – *No Historic Properties Affected***

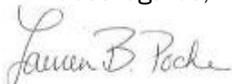
Dear Architect Rubio Cancela,

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) and the Home Repair, Reconstruction, or Relocation (R3) Program. 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, we are submitting documentation for activities proposed by Jeniffer Pagán Rodríguez DBA Finca Buenaventura at Carr. PR-525, Barrio Guilarte in the municipality of Adjuntas. The proposed project is the construction of a water well 350 to 400 feet deep, and the purchase of agricultural equipment including fertilizer, Ford transit vehicle, tractor, and UV. Based on the submitted documentation, the Program requests a concurrence that a determination 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> Jeniffer Pagán Rodríguez, DBA Finca Buenaventura		
<b>Case ID:</b> PR-RGRW-04000		<b>City:</b> Adjuntas

<b>Project Location:</b> Carr. PR-525 Km 3.9 Barrio Guilarte	
<b>Project Coordinates:</b> 18.168310, -66.786130	
<b>TPID (Número de Catastro):</b> 265-000-008-07-001	
<b>Type of Undertaking:</b> <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
<b>Construction Date (AH est.):</b> c1985	<b>Property Size (acres):</b> 23.64

<b>SOI-Qualified Archaeologist:</b> Jesus E. Vega, Ph.D./ Roberto G. Munoz Pando, MA
<b>Date Reviewed:</b> January 27, 2023/ REVISED March 28, 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 proposed activity at the farm of Jeniffer Pagán Rodríguez, DBA Finca Buenaventura is the construction of a water well 350 to 400 feet deep, and the purchase of agricultural equipment including fertilizer, Ford transit vehicle, tractor, and UV, in compliance with Section 106 NHPA Effect Determination. The farm's correct coordinates are 18.16715° N, -66.78568° W. Finca Buenaventura is currently used for growing bananas, citrus fruits, coffee and lettuce and coriander in hydroponic greenhouses. This farm was previously dedicated to coffee and citrus fruit production. The proposed Scope of Work will require ground disturbance for the new well at coordinates 18.16831° N, -66.78613° W. The farm currently has power and water from public services. Finca Buenaventura is located at Carr. PR-525 Km 3.9 Barrio Guilarte in the Municipality of Adjuntas. The applicant indicates that he holds a permit from the Department of Natural and Environmental Resources of Puerto Rico.

### 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 rural project includes one area or Scope of Work #1, which is the drilling of a

<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> Jeniffer Pagán Rodríguez, DBA Finca Buenaventura		
<b>Case ID:</b> PR-RGRW-04000		<b>City:</b> Adjuntas

water well<sup>[SEP]</sup> 350 to 400 feet deep, with horizontal dimensions on the surface of 4 feet by 4 feet, and the purchase of agricultural equipment including fertilizer, ford transit vehicle, tractor, and UV. The correct coordinates of the well are 18.16831° N, -66.78613° W. This farm was previously dedicated to coffee and citrus fruit production and is currently for growing bananas, citrus fruits, coffee and lettuce and coriander in hydroponic greenhouses. The direct APE includes a 15-meter buffer to all sides. 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 this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there is one prehistoric archaeological site and/or NRHP listed/eligible historic property within a half-mile radius of the property. This site is Limaní (AD0100012), an undetermined prehistoric batey with petroglyphs located 0.11 miles northwest of the property, as shown in Table 1 below. The proposed project is in mountain terrain, previously used for the cultivation of coffee and citrus fruits, with leveled areas, classified as Humatas clay (HmF2), 40 to 60 percent slopes, surrounded by agricultural land and patches of secondary forest vegetation cover, 635 meters above mean sea level. The south coast is 12.03 miles south of the property. The terrain is considered too steep for prehistoric and early historic occupation. The closest fresh-water bodies are Quebrada Las Guares 0.06 miles northeast of the property, Río Yahuecas 0.24 miles northwest of the property, and Quebrada La Vaca 0.51 miles northwest of the property. There is one Phase 1A-1B archaeological study within a half-mile radius by Figueroa Lugo (2010), for Barrio Guilarte, positive for the site mentioned above.

Table 1. Archaeological Sites and/or NRHP Listed/Eligible Historic Properties Within a Half-Mile Radius of Project Area

Name	SHPO ID	IPRC ID	Location	Description	NRHP
Limaní	AD0100012	No data	0.11 mi NW	Undetermined prehistoric batey with petroglyphs	No data

<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> Jeniffer Pagán Rodríguez, DBA Finca Buenaventura		
<b>Case ID:</b> PR-RGRW-04000	<b>City:</b> Adjuntas	

Table 2. Cultural Resource Studies Conducted Within a Half-Mile Radius of Project Area

Author	Title	Year	SHPO/IPRC ID	Results	Location
Jesús S. Figueroa Lugo	Phase 1A-1B, Mejoras Acueducto Rural Guilarte, Yayales, etc.	1993	CAT-AD-93-01-02	Positive	0.11 mi NW

Aerial imagery analysis suggests that there was no major ground disturbance on the APE [see images from 1977 and 1959 below], until the construction of the structure seen in the aerial image from 1993. This structure was built approximately in the year 1985.

Aerial image c1993

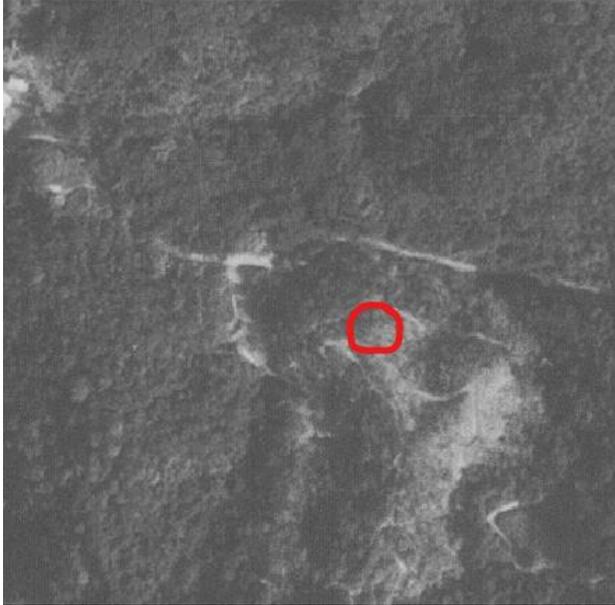


**Subrecipient:** Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

**Case ID:** PR-RGRW-04000

**City:** Adjuntas

Historic aerial image c1977



Historic aerial image c1959



<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> Jeniffer Pagán Rodríguez, DBA Finca Buenaventura	
<b>Case ID:</b> PR-RGRW-04000	<b>City:</b> Adjuntas

## Determination

The following historic properties have been identified within the APE:

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

Based on the results of our historic property identification efforts, there is one reported prehistoric site or significant cultural property within a half-mile radius of the proposed project area. This site is Limaní (AD0100012), an undetermined prehistoric batey with petroglyphs located 0.11 miles northwest of the property, on a terrace associated with Quebrada Las Guares. The terrain between the batey and the property is steep. There are no known archaeological sites or NRHP listed/eligible historic properties within or adjacent to where the direct Area of Potential Effect (APE) of case PR-RGRW-04000 is located. The proposed project area considered too steep for prehistoric and early historic occupation and is not within the boundaries or visual APE of any NRHP listed/eligible historic properties, or to a Traditional Urban Center or Historic District. Therefore, the Program has determined that the project actions described in the undertaking will not impact any cultural properties.

<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> Jeniffer Pagán Rodríguez, DBA Finca Buenaventura		
<b>Case ID:</b> PR-RGRW-04000		<b>City:</b> Adjuntas

**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**

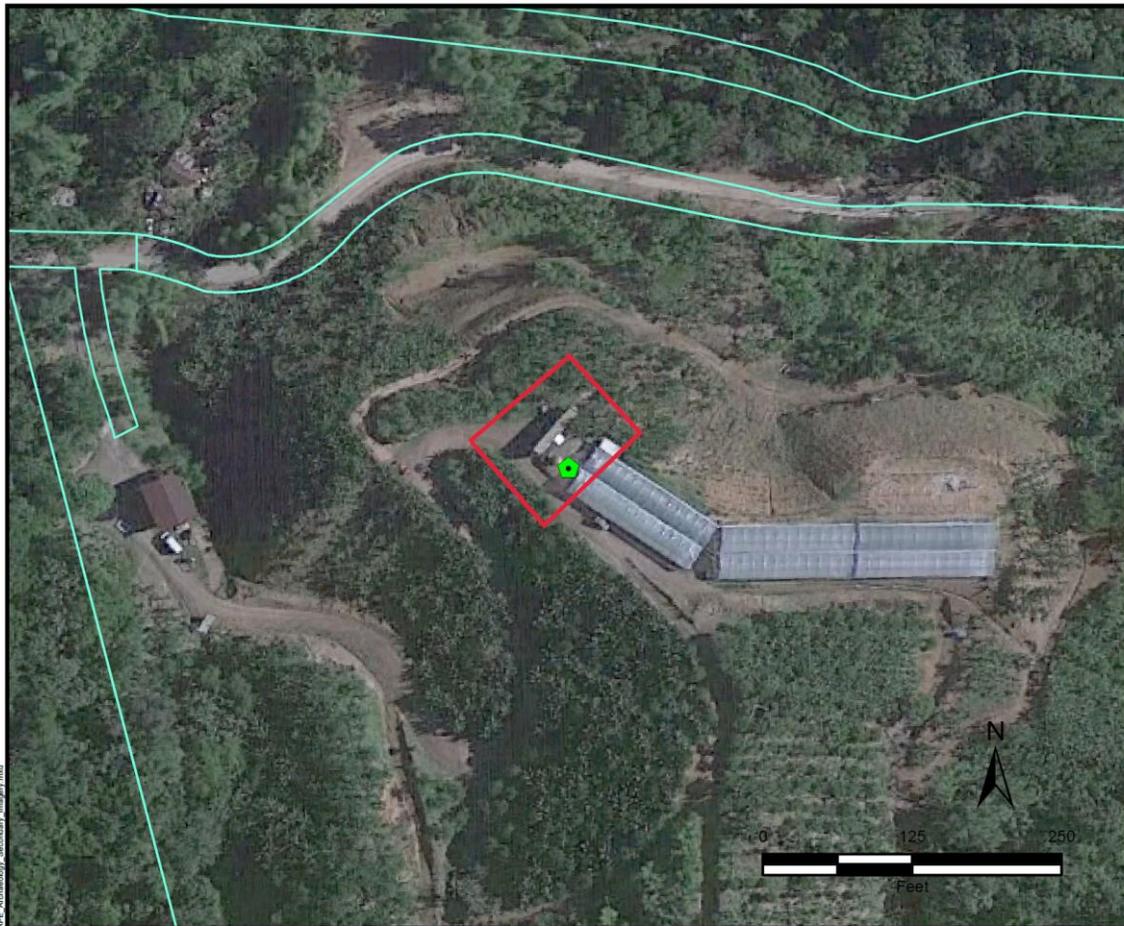
The Puerto Rico State Historic Preservation Office has reviewed the above information and:	
<input type="checkbox"/> <b>Concurs</b> with the information provided. <input type="checkbox"/> <b>Does not concur</b> with the information provided.	
<b>Comments:</b>	
Carlos Rubio-Cancela State Historic Preservation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

Subrecipient: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas

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



file Path: \\nas1709\pub\TICOR\PAUG\GIS\PROJECTOR\DATA\ARCHIVE\_Archaeology\_Secondary\_Imagery.mxd



**TETRA TECH**

Source: CRIM

Author: TG

Date: 10/7/2022

#### Legend

-  Tier 2 Site
-  Parcelario
-  Area of Potential Effect



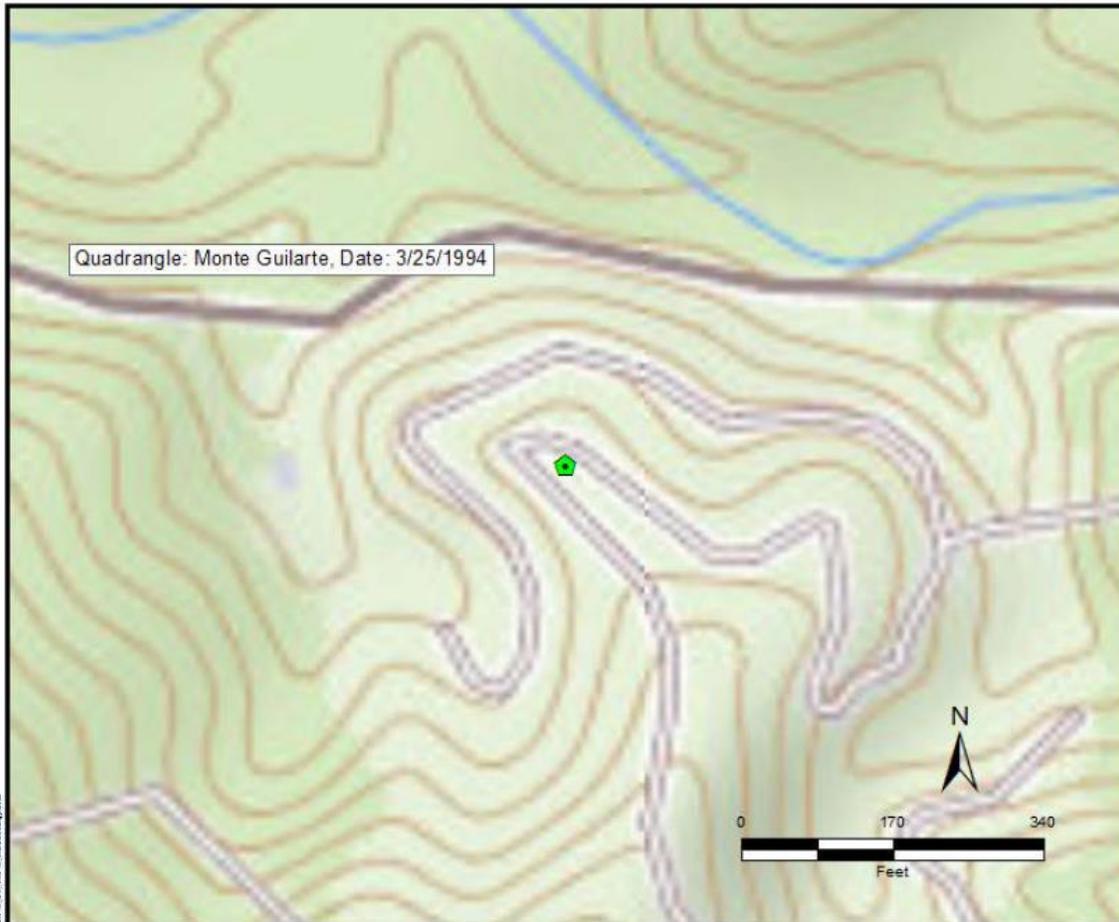


Subrecipient: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas

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



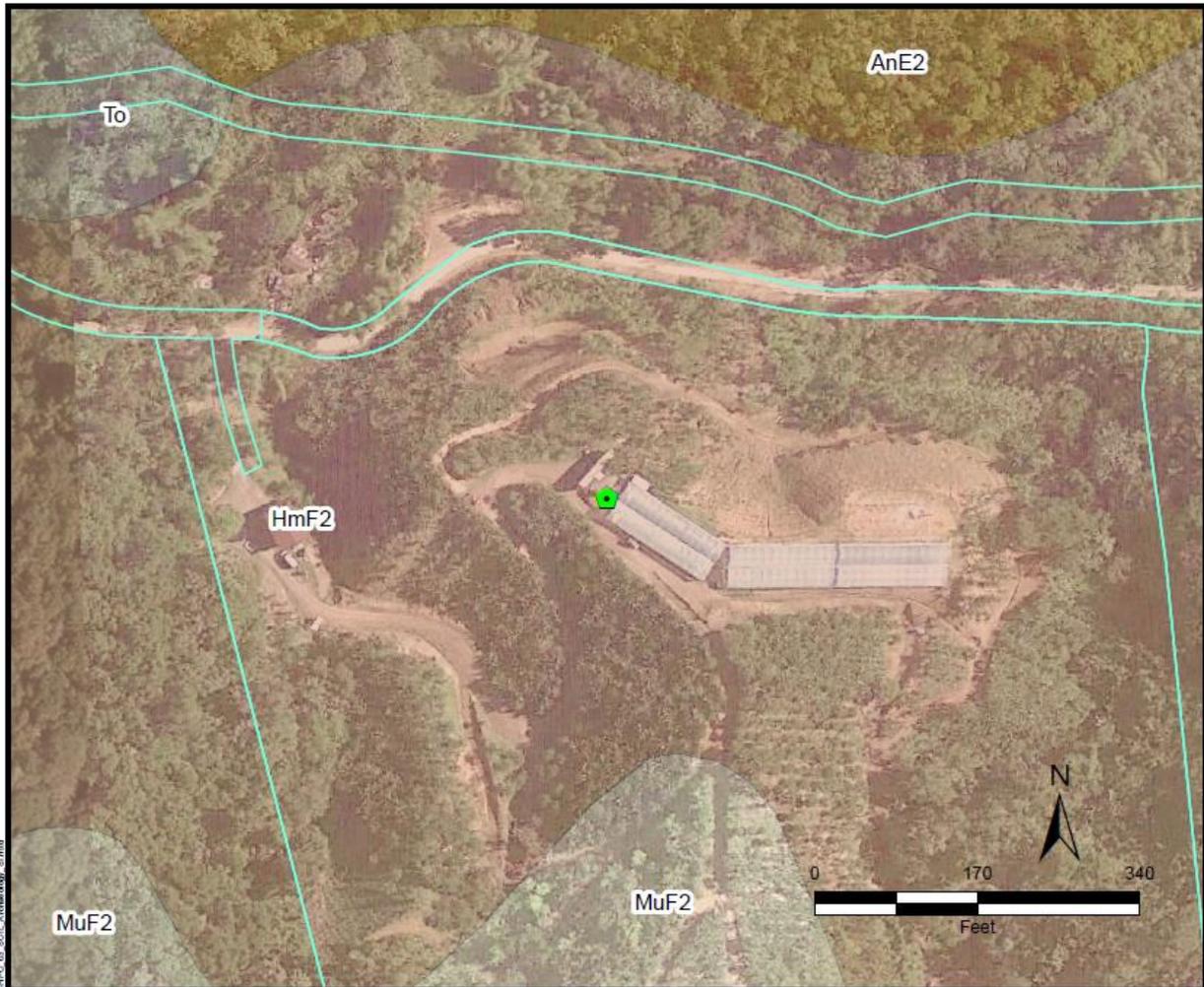
 <p><b>TETRA TECH</b></p> <p>Source: USGS</p> <p>Author: TG   Date: 9/29/2022</p>	<p><b>Legend</b></p> <ul style="list-style-type: none"><li> Tier 2 Site</li><li> Historic Comunidades</li><li> Traditional Urban Centers</li><li> Cultural Resource District Polygon</li></ul>	
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Subrecipient: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas

### Project (Parcel) Location – Soils Map



file:///C:/Users/TG/Desktop/Projects/PR-RGRW-04000/106%20NHPA%20Effect%20Determination/106%20NHPA%20Effect%20Determination%20-%20Soils%20Map%20-%20Final%20-%2009%2030%202022.mxd



**TETRA TECH**

Source: USDA

Author: TG

Date: 9/30/2022

**Legend**

-  Tier 2 Site
-  Parcelario
- Soil Type**
-  AnE2; Alonso clay, 20 to 40 percent slopes
-  HmF2; Humatas clay, 40 to 60 percent slopes
-  MuF2; Mucara silty clay, 40 to 60 percent slopes, eroded
-  To; Toa silty clay loam, 0 to 2 percent slopes, occasionally flooded



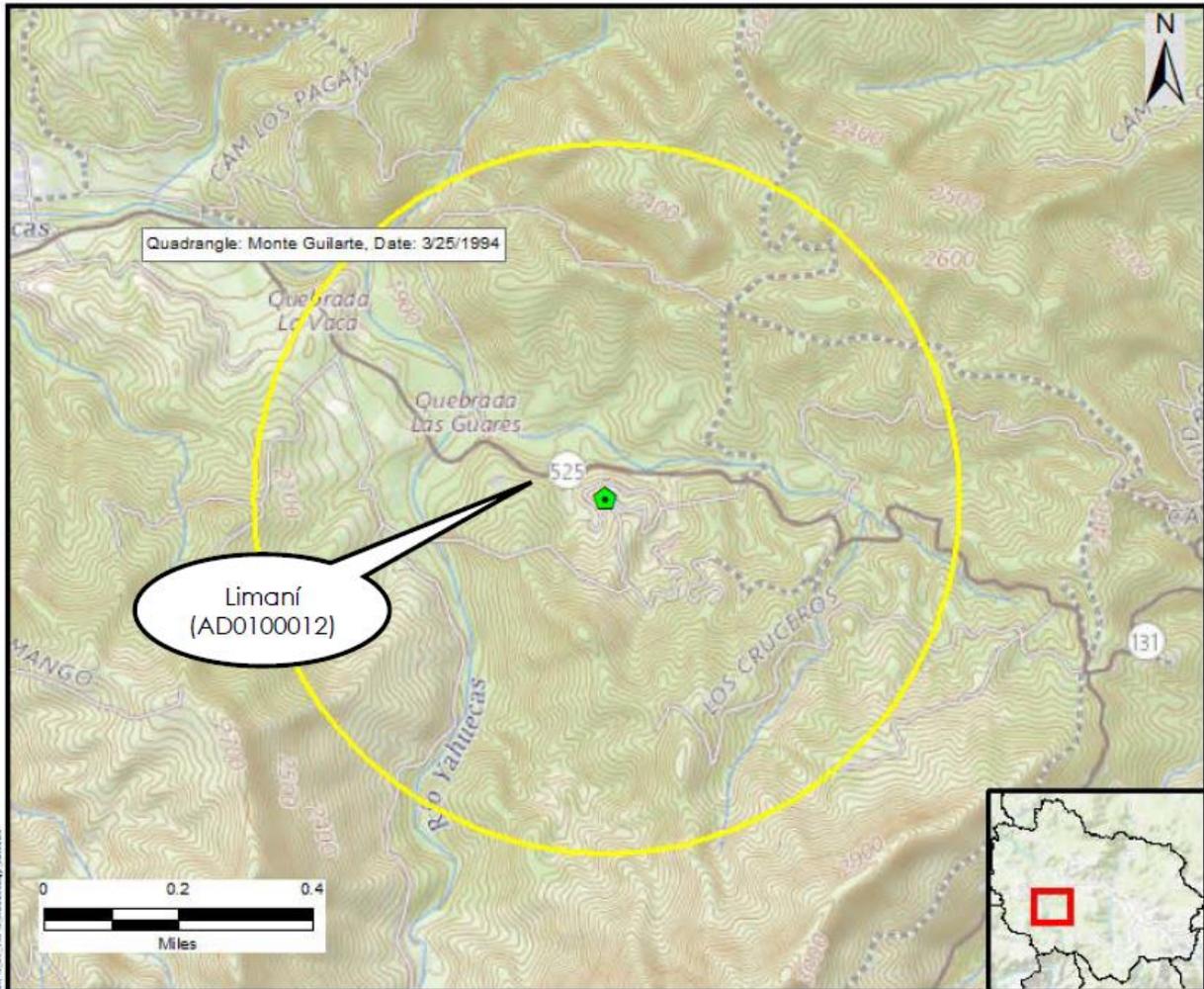


Subrecipient: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas

### 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: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas

### Photograph Key



**Subrecipient:** Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

**Case ID:** PR-RGRW-04000

**City:** Adjuntas



**Photo # 1:**

**Description (include direction):** Scope of work area 1

**Date:** 11/23/2022

Facing North.



**Photo #2:**

**Description (include direction):** Scope of work area 1

**Date:** 11/23/2022

Facing East.

Subrecipient: Jeniffer Pagán Rodríguez, DBA Finca Buenaventura

Case ID: PR-RGRW-04000

City: Adjuntas



Photo # 3:

Description (include direction): Scope of work area 1

Date: 11/23/2022

Facing Northeast.



Photo #4:

Description (include direction): Scope of work area 1

Date: 11/23/2022

Facing West.



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,

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT