

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-00661

Project Name: Aserrín Aserrán - Fincas Agrícolas, Inc.

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico/Toa Alta, 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 Damaris Ramírez Lebrón, and Janette I. Cambrelén

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

Direct Comments to: environmentcdbg@vivienda.pr.gov

Project Location:

The property is a 35,82-acre site located at Carretera No. 861, Km. 4.8, Barrio Mucarabones, in the Municipality of Toa Alta, Puerto Rico (Parcel ID# 084-000-009-93-000). The proposed project parcel is located at 18.373261, -66.211773.

The parcel had not been used in thirty years, other than a building complex built in the vicinity of Area 2 before 2004 and demolished circa 2010; the parcel largely being cleared of all vegetation in 2016; and the planting of dragon fruit within the existing plantation area. In addition to the cultivated area, the project site currently has a wooden-floored shaded work tent, a storage container, an access road.

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

The proposed use of grant funds is for the clearing of new areas for dragon fruit cultivation and the purchase of supporting equipment and inventory.

The proponent intends to plant dragon fruit in three areas each approximately 100-foot by 80-foot using 350 units of Trellis System (tutor) consisting of wood poles, rods, and plastic for the growing of the dragon fruit. The posts and rods will be used to hold new plants.

The new posts will involve ground disturbance. Vegetation clearing will be required prior to planting in the three proposed areas.

Area 1 (18.37397, -66.21219): 200 tutors.

Area 2 (18.37299, -66.21195): 50 tutors.

Area 3 (18.37340, -66.21030) 100 tutors.

The proposed purchase includes equipment and inventory for dragon fruit cultivation, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts (to support the dragon fruit), tractor, trimmer, utility task vehicle (UTV), and steel rods. The equipment will be stored in the on-site storage container and under the shaded work tent.

The undertaking has no need of fresh water or power connections. At present, the farm has a storage area for fertilizers and pesticides.

Site photos are included in **Appendix A**. Site maps (Figures 1a and 1b) are 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 inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project associated with the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, electric generator, fence posts, tractor, trimmer, UTV, and steel rods is in keeping with the overall objectives of the Economic Development Program.

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

The land is used for agricultural purposes; therefore, there is no change in land use associated with the project.

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

Grant Number	HUD Program	Funding Amount
B-18-DP-72-0001 B-17-DM-72-0001	CDBG-DR, Re-Grow Puerto Rico Urban-Rural Agricultural Program	\$41,279,480

Estimated Total HUD Funded Amount: \$50,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$50,000

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods. The nearest civil airport is approximately 49,736 feet from the proposed site. The nearest military airport is approximately 73,238 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 Appendix B .
<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Puerto Rico has various Coastal Barrier Resources Systems (CBRS) and Otherwise Protected Areas. The project is in northern Puerto Rico. The distance to the nearest CBRS unit or Otherwise Protected Area is 33,123 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 Appendix B.</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The southern part of the property is in the 100-year floodplain per Floodplain Insurance Map 72000C0705J, effective date November 18, 2009. Most of the proposed project sites are outside of the 100-year floodplain.</p> <p>The Commonwealth of Puerto Rico participates with the National Flood Insurance Program. However, the pole and plants are not insurable structures under this program. The equipment would be stored in the on-site storage container or the shaded work tent, both of which are outside the 100-year floodplain.</p> <p>This project is in compliance with Floodplain Insurance requirements. (See Figures 4 and 5 in Appendix B.)</p>

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>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 Toa Alta is not listed in the EPA Green Book "Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants" The project consisting of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer,</p>

		UTV, and steel rods will have no impact on air quality. The project is in compliance with Clean Air Act. Refer to EPA listing in Appendix C .
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	The project is located 26,533 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 Appendix B .
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>During a site visit conducted on November 15, 2022, no debris or rubbish or visible signs vegetative stress, contamination, or toxic substances were noted at the project site. The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods. See Appendix A.</p> <p>There are several sites of environmental concern identified within 3,000 feet of the project site. The NEPAssist mapping indicates one TRI site, Caribe Furniture Manufacturing at Carr. 861 Km 5, Barrio Cincas approximately 1,800 feet to the southeast. The unidentified release occurred in 1991 and there are no other issues to date. The other sites are RCRA sites that are not generating toxic, hazardous, or radioactive substances that could affect the subject property or conflict with its intended use. Refer to Figures 8 and 9 in Appendix B and supplemental information in Appendix C. The project is in compliance with Contamination and Toxic Substances.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	The project will have No Effect on listed species. According to EPA NEPAssist Enviromapper, the nearest critical or proposed critical habitat is 21,483 feet to the north of the project location. Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa can be found, but there are no

		<p>critical habitats at this location. The proposed project will have no potential to affect species or habitats due to the agricultural nature of the activities involved in the project. The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods in an area that has been cleared of trees in the past.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the USFWS will be notified to relocate the Boa. Refer to Figures 10 and 11 in Appendix B and IPaC report in Appendix D. This project is in compliance with the Endangered Species Act.</p>
<p>Explosive and Flammable Hazards</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 Appendix A.</p>
<p>Farmlands Protection</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 property is within an area designated as prime farmland or farmland of statewide importance. The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods.</p> <p>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 Appendix B.</p>
<p>Floodplain Management</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Work Areas 1 and 2 are with the 100-year floodplain as shown on the ABFE map (See Figures 6a and 6b).</p>

<p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>		<p>For floodplain management purposes, FEMA defines a structure as “a walled and roofed building that is principally above ground, where walled is considered “two or more outside rigid walls” and roofed is “a fully secured roof.” The poles and plants do not qualify as structures for floodplain management purposes.</p> <p>See Figures 6a and 6b. This project is in compliance with Floodplain Management Requirements. (See maps in Appendix B.)</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was evaluated on December 13, 2022 and revised on January 26, 2023 by a SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on March 21, 2023 (Appendix E). SHPO concurred with a finding of No Historic Properties Affected within the project’s Area of Potential on Effects on April 4, 2023. This project is in compliance with Historic Preservation requirements. (See Figure 13 in Appendix B and Appendix E).</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <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 clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods.</p> <p>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>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No <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. Refer to Figure 14 in Appendix B.</p>
<p>Wetlands Protection</p>	<p>Yes No</p>	<p>The NWI maps show a riverine wetlands going through the property. The map is misaligned and</p>

Executive Order 11990, particularly sections 2 and 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>the is likely attempting to portray the Rio Bucarabones which does not go through the property, rather it is located on the western border of the property. The western borders of Work Areas 1 and 2 abut the eastern bank of the Rio Bucarabones. During any vegetation clearing activities and installation of wooden poles standard best management practices (BMPs) will be used to minimize erosion and runoff.</p> <p>With this mitigation, this project would 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 15 in Appendix B.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <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 148,023 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 16 in Appendix B.</p>

ENVIRONMENTAL JUSTICE		
<p>Environmental Justice</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 the regulation.</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
LAND DEVELOPMENT		
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 clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods. The project site is not zoned. 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’s Area 1 is located on soil classified as Bajura clay (Ba), with 0 to 2 percent slopes, frequently flooded; Area 2 is located on Lares clay (LaC2) 12 to 20 percent slopes; and Area 3 is located on Daguey clay (DaD) 12 to 20 percent slopes. The area has been previously cleared of trees and is covered with sparse, secondary woodland vegetation.</p> <p>The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods.</p> <p>The project site areas are rated “low to moderate” for landslide susceptibility (see Figure 17 in Appendix B). During clearing activities and installation of wooden poles BMPs would be used to minimize erosion and runoff. Afterward there will be little to no additional runoff associated with the project.</p>
Hazards and Nuisances	2	During implementation of the project, clearing activities may result in temporary elevation of ambient noise levels in

including Site Safety and Noise		<p>immediate areas around active construction areas. The only nearby receptors are the workers on 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 workers from typical construction hazards.</p>
Energy Consumption	2	The project site is not connected to the local electricity provider. There would be no change in energy demand in the area.

Environmental Assessment Factor	Impact Code	Impact Evaluation
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SOCIOECONOMIC

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.</p> <p>The proposed project would not negatively impact employment or income patterns.</p>
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
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COMMUNITY FACILITIES AND SERVICES

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	Minor solid waste construction debris materials would result from the proposed project. Solid waste could be recycled on the farm as fill.
Wastewater / Sanitary Sewers	2	The project consists of the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods. The project does not include any new wastewater or sewage facilities. Current farm conditions would remain unchanged.
Water Supply	2	The project does not include any water infrastructure. The proposed project will have minor impact on water usage.
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
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project will be situated on land previously cleared of trees and developed for a short time and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur on land previously cleared of trees and developed for a short time parts of which are currently uses 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 property is covered in grass and secondary vegetation and part is used for the cultivation of dragon fruit. The proposed project areas would also be used for the cultivation of dragon fruit.

Additional Studies Performed: None

Field Inspection (Date and completed by):

Site inspection was conducted on November 15, 2022, by Carlos Medina.

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/npis/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf

John H. Chafee Coastal Barrier Resources System, Puerto Rico [map](#).

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

National Wild and Scenic Rivers System: 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/

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

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

US Fish and Wildlife Service, Environmental Conservation Online System:
<https://ecos.fws.gov/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 (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

List of Permits Obtained:

None

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 amount of agricultural product at the farm would increase. The project would allow more efficient growing of the agricultural products. Water use would not increase.

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 clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods. 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 areas that are substantially cleared of trees. Alternative locations on the property could require removal of trees.

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

Under the No Action Alternative, the applicant would not receive federal funding for the clearing of three areas for cultivation of dragon fruit and the purchase of supporting equipment and inventory, including chainsaw, fertilizer, stationary fumigator, pesticides, portable electric generator, fence posts, tractor, trimmer, UTV, and steel rods 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 any agency. There are no environmental review topics addressed that result in the need for formal compliance steps or the requirement for mitigation.

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

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

Law, Authority, or Factor	Mitigation Measure
Wetlands Protection	Standard BMPs would be used to control erosion and runoff during clearing activities and installation of wooden poles.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Standard construction BMPs would be used to control erosion and runoff during clearing activities and installation of wooden poles.

Determination:

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

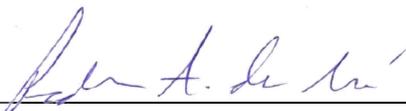
The project will not result in a significant impact on the quality of the human environment.

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: 04/09/23

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

Certifying Officer Signature:  Date: 7/7/2023

Name/Title: Pedro A. de León Rodríguez, MSEM/Permits 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-00661		
Applicant Name	Aserrin Aserran - Fincas Agrícolas, Inc.		
Property Address	Carretera no. 861, Km. 4.8, Barrio Mucarabones		
Parcel ID	084-000-009-93-000		
Coordinates	18.373261, -66.211773		
Inspector Name	Carlos O. Medina		
Inspection Date	11/15/2022		
Building Type	Vacant		
Number of Units	1		
Number of Stories	1		
Year Built; Data Source	NA; 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"/>	Applicant used this land for a growing of dragonfruit.
B. Is structure a greenhouse ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is Electricity connected ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D. Is water connected ? (Utilities or Well)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are there any 55-gallon drums visible on site? If yes, are they leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are there any (or signs of any) underground storage tanks on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are there signs of ASTs 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 stained soil or pavement on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Is a water drainage system in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is a warehouse in use for storage of Fertilizer or Pesticides ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage area
8. Are there any groundwater monitoring wells on the site or adjacent parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is there evidence of a faulty septic system ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Is there distressed vegetation on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Is there any visible indication of MOLD ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

12. Is there any visible evidence of asbestos, chipping, flaking or peeling paint, or hazardous materials present in or on the structure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. Are any additional site hazards observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. Is there any permanent standing water , such as a pond or stream, located on the site (do not include ponding from recent rain / weather events)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bucarabones river located 200 feet west of the parcel
15. Does the subject property have water frontage ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is there any indication of the presence of Wetlands ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. Are there any obvious signs of animals or birds nesting on or near the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
19. Is a historic marker present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Notes:

Case: PR-RGRW-00661
Aserrin Aserran - Fincas Agricolas, Inc.
Correct coordinates: 18.37322° N, -66.21177° W

Scope of Work: The purchase of equipment and inventory including chainsaw, fertilizer, stationary fumigator, pesticides, electric generator, fence posts, tractor, trimmer, utv, and steel rods. Posts and rods will be used to hold new plants. New posts will involve ground disturbance

Land current in use for: Dragonfruit growing.

Past land use was: Applicant stated in the last 30 years the land was unused.

What the applicant plans to do: 350 units of Trellis System (tutor). This system consist in wood poles, rods and plastic for the growing of the dragonfruit.

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

Scope of work area 1: 18.37397° N, -66.21219° W In this area the applicant plans to do 200 tutors.

Scope of work area 2: 18.37299° N, -66.21195° W In this area the applicant plans to do 50 tutors.

Scope of work area 3: 18.37340° N, -66.21030° W In this area the applicant plans to do 100 tutors.

Any new water connection, well, cisterns or power connection: No need water connection, neither power.

Case: PR-RGRW-00661

Scope of work area 1
18.37397° N, -66.21219° W

Scope of work area 3
18.37340° N, -66.21030° W

Staging area

Actual plantation

Scope of work area 2
18.37299° N, 66.21195° W

Front of Structure

Photo Direction: East



Facing Away From Front

Photo Direction: West



Side #1 of Structure

Photo Direction: North



Facing Away From Side #1

Photo Direction: South



Back of Structure

Photo Direction: Northwest



Facing Away From Back

Photo Direction: Southeast



Side #2 of Structure

Photo Direction: East



Facing Away From Side #2

Photo Direction: West



Streetscape #1

Photo Direction: East



Streetscape #2

Photo Direction: Southwest



Address

Photo Direction: East



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: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structure Occupied

Photo Description: Area in used.

Photo Direction: East



Structure Occupied

Photo Description: Tutor description photo

Photo Direction: Southeast



Structure Occupied

Photo Description: Wood post for the tutor

Photo Direction: East



Structure Occupied

Photo Description: Area for the wood post

Photo Direction: South



Structure Occupied

Photo Description: Scope of work area 1

Photo Direction: North



Structure Occupied

Photo Description: Scope of work area 2

Photo Direction: East



Structure Occupied

Photo Description: Scope of work area 3

Photo Direction: Northeast



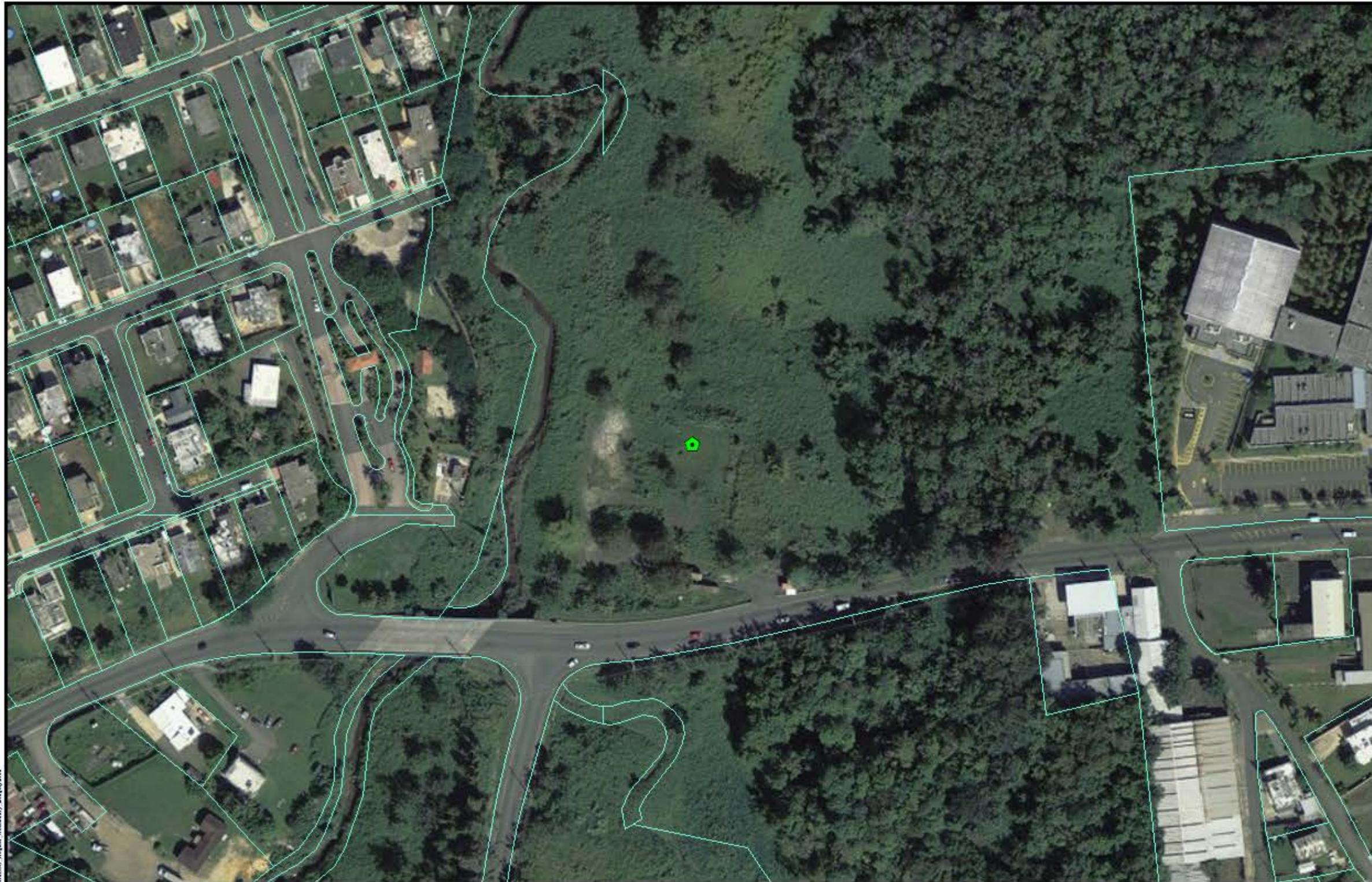
Standing Water

Photo Description: River

Photo Direction: West



Appendix B



- Legend
- Project Parcel
 - Parcels

PUERTO RICO



FIGURE 1a: PROJECT LOCATION

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
Parcel Coordinates: 18.373261, -66.211773



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

Author: TG Date: 2/20/2023

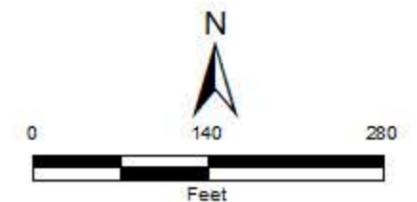
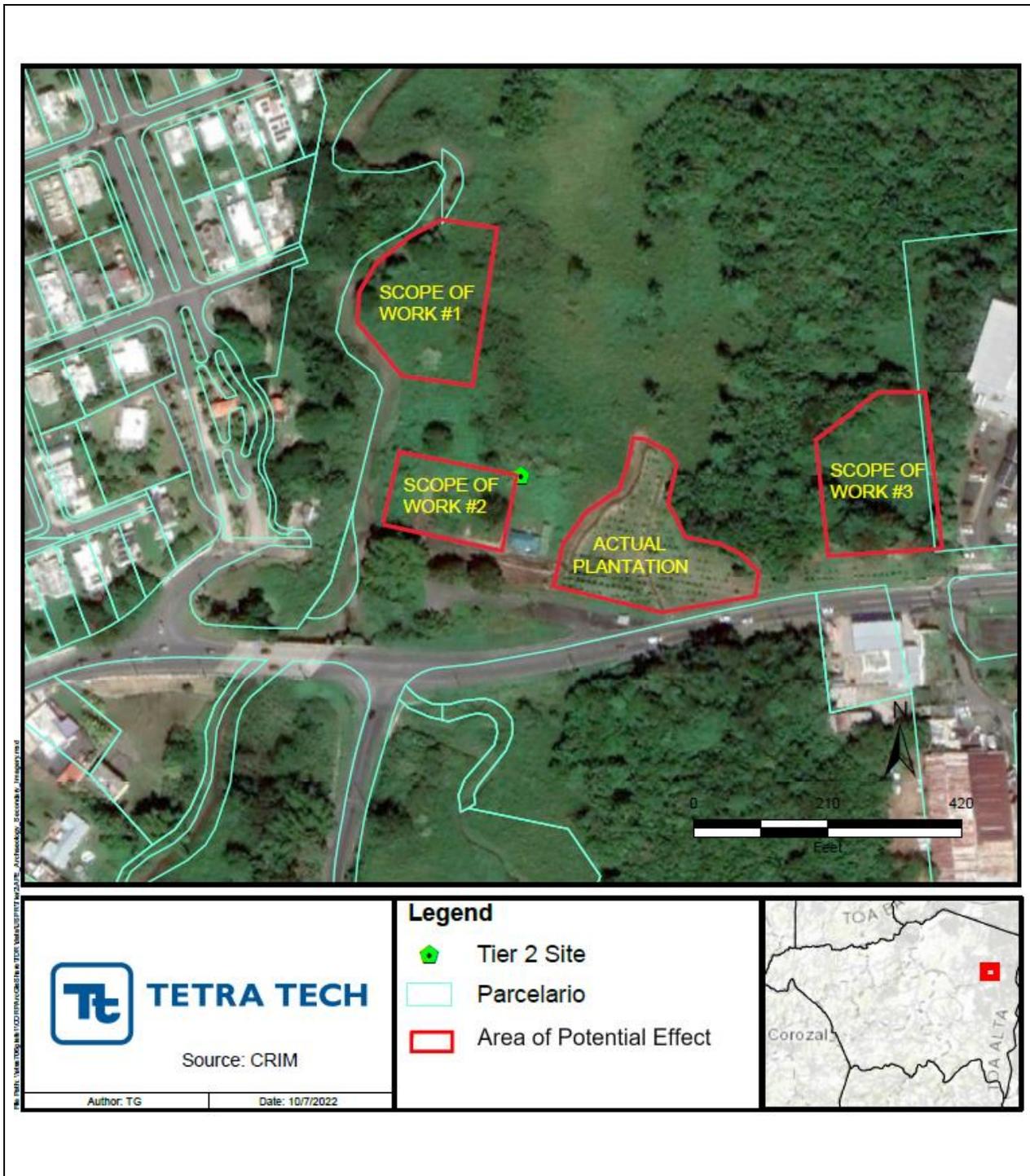
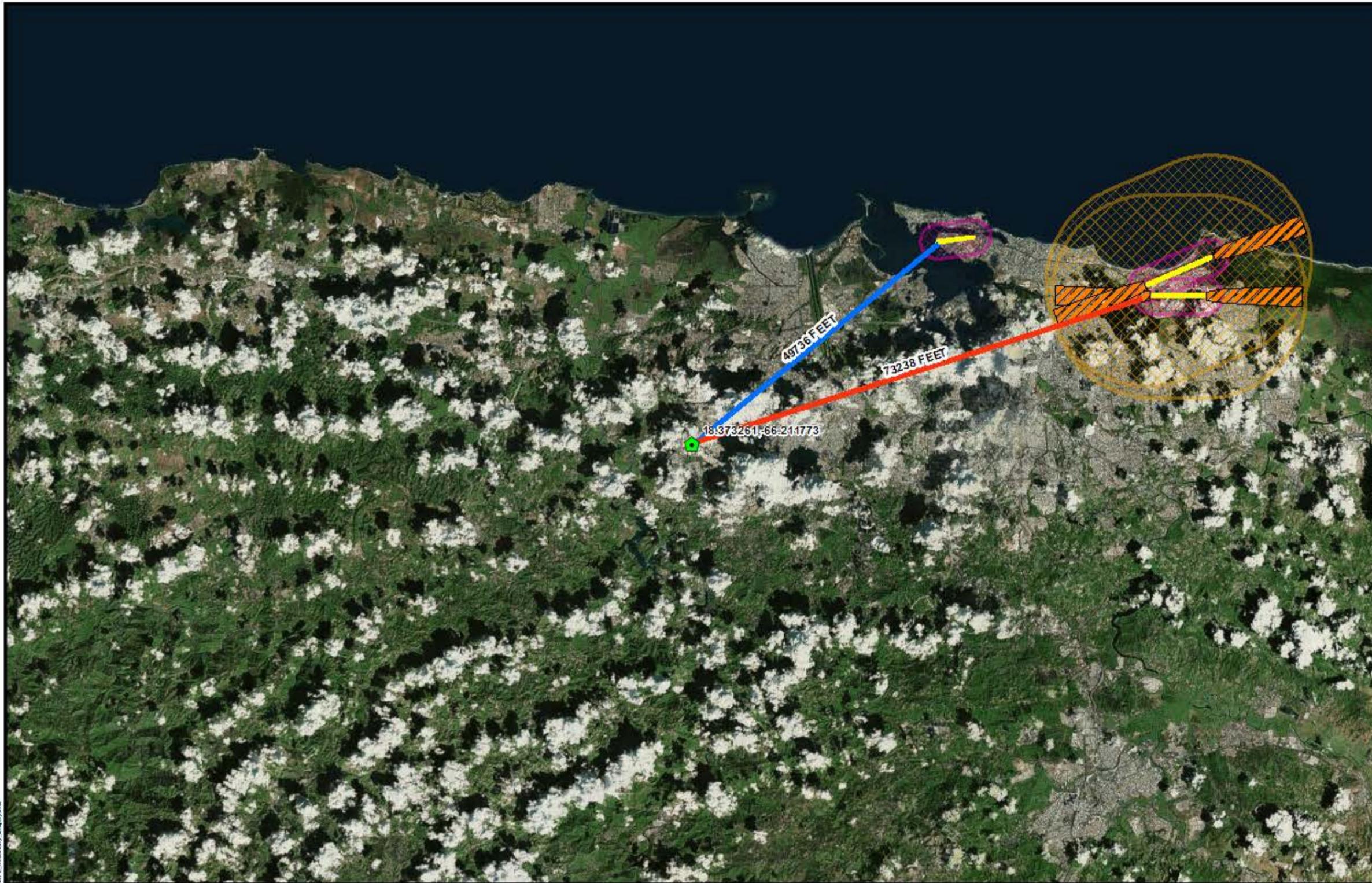


FIGURE 1b: WORK AREAS

Parcel Coordinates: 18.373261, -66.211773





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: 49736**

PUERTO RICO



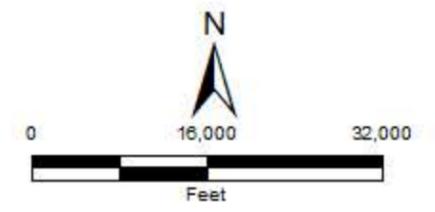
Source: USDOT
<https://www.faa.gov>

Author: TG Date: 10/4/2022

FIGURE 2: AIRPORT ZONES

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773



National Flood Hazard Layer FIRMette



66°13'1"W 18°22'41"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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
OTHER AREAS		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
GENERAL STRUCTURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/8/2022 at 11:50 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

FIGURE 5: FIRMETTE MAP

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773



Source: <https://nepassistool.epa.gov/nepassist/nepamap.aspx>

Date: 11/9/2022



FIGURE 6a: ABFE MAP

My Map Parcel Coordinates: 18.373261, -66.211773

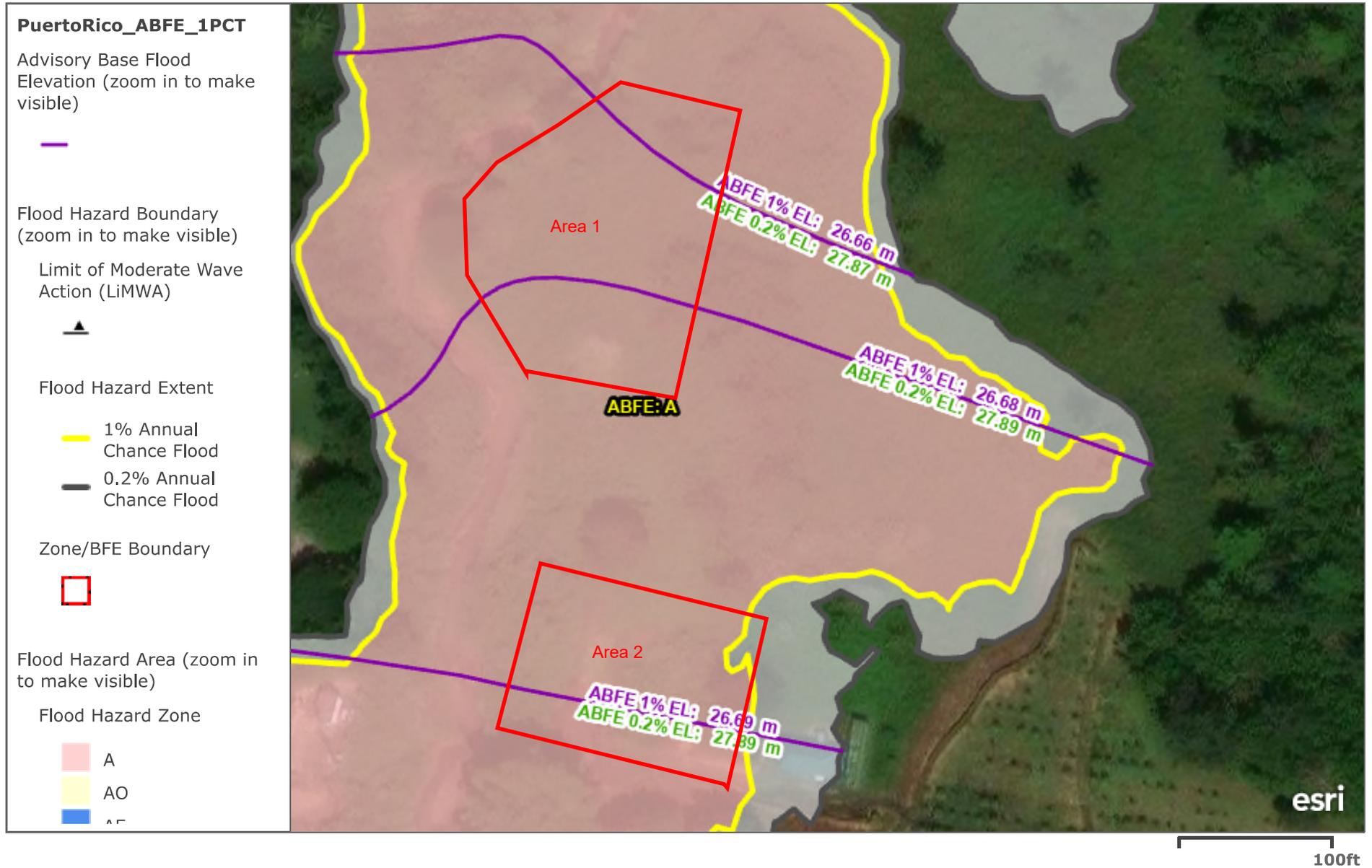


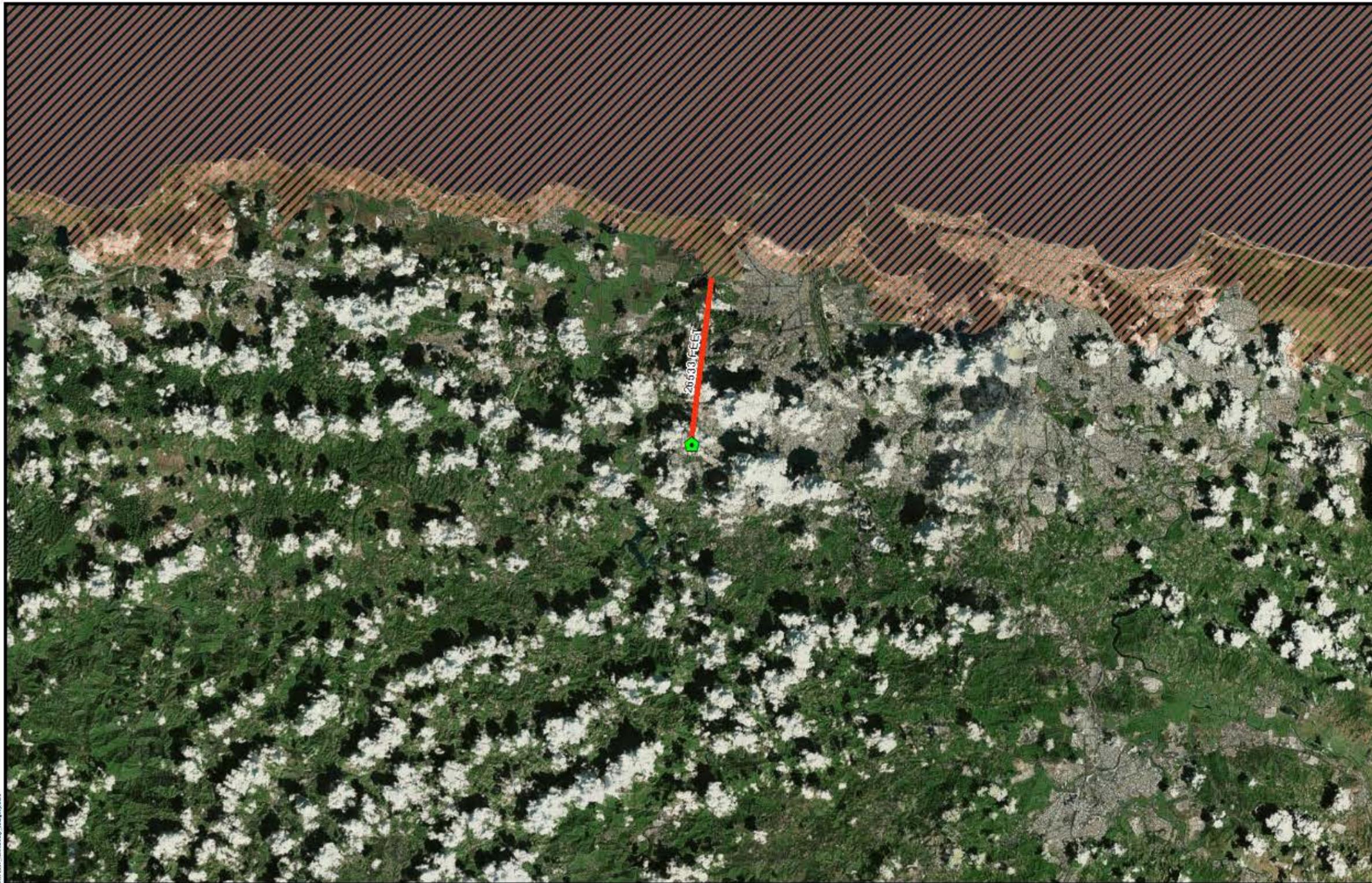
100ft

FEMA

FIGURE 6b: ABFE MAP

Parcel Coordinates: 18.373261, -66.211773





- Legend**
-  Project Parcel
 -  Coastal Zone Management Boundary

Distance to nearest Coastal Zone Management Boundary in feet: 26,533

PUERTO RICO

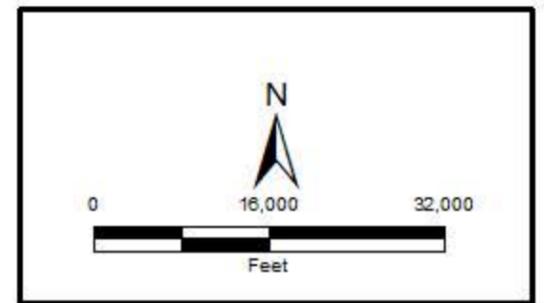


FIGURE 7: COASTAL ZONE MANAGEMENT

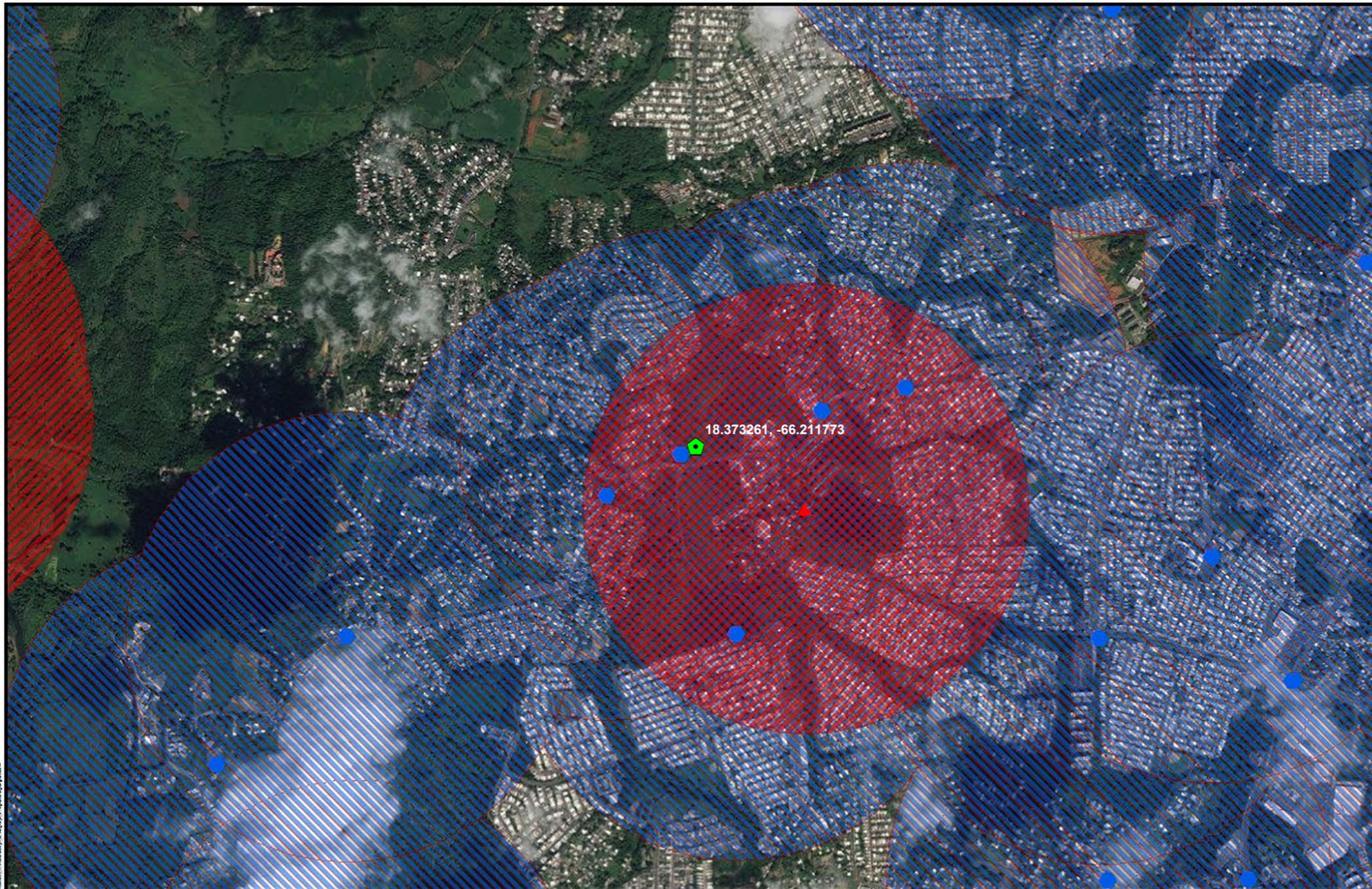
APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773



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

Author: TG Date: 10/4/2022



- 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

PUERTO RICO



FIGURE 8: TOXIC CHEMICALS AND GASSES, HAZARDOUS MATERIALS, CONTAMINATION, AND RADIOACTIVE SUBSTANCES

APPLICANT ID: PR-RGRW-00661

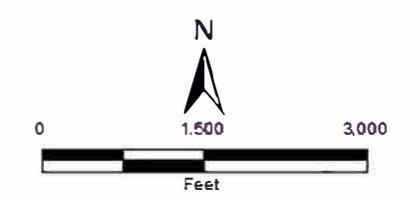
ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773

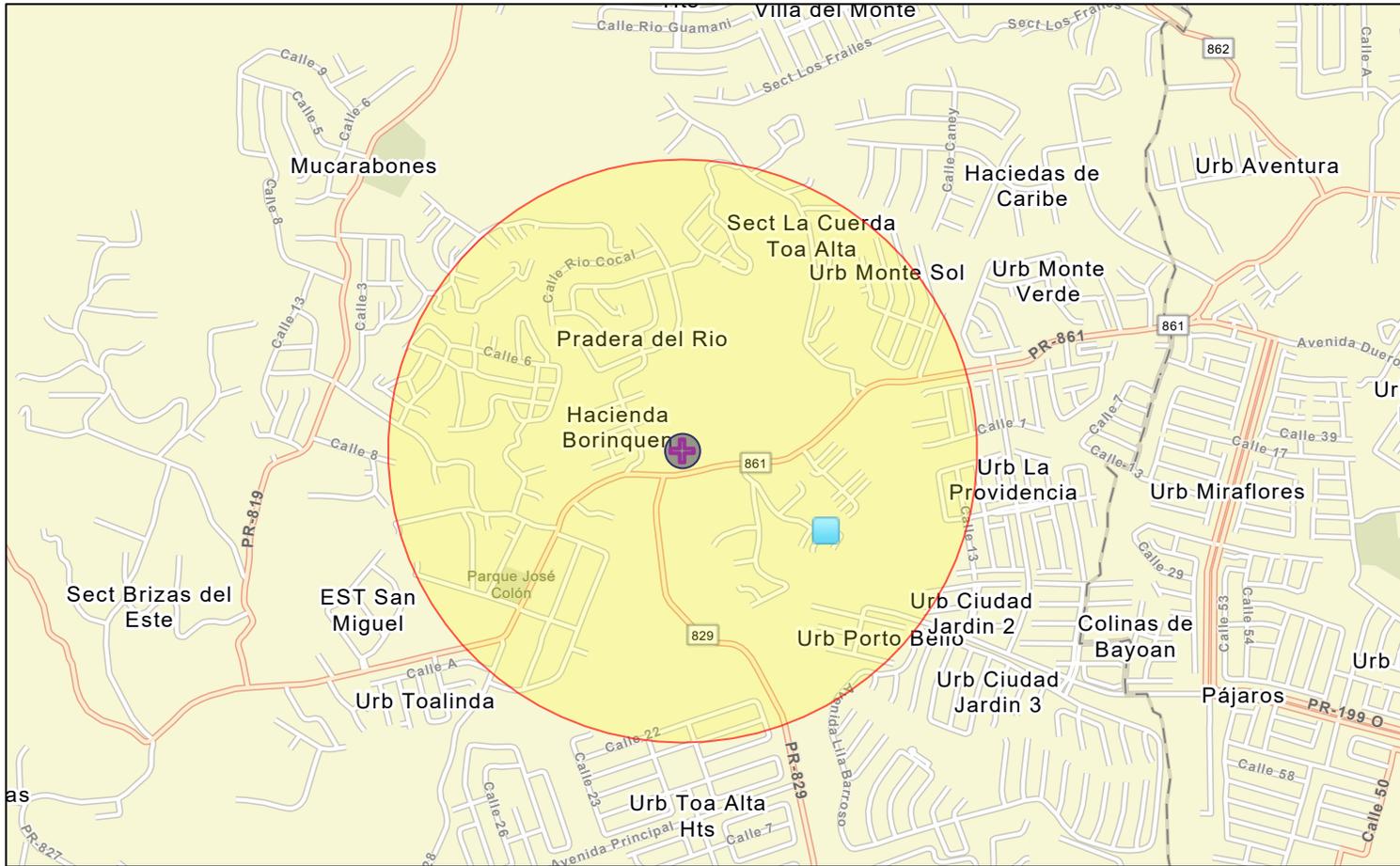


Source: E.P.A.

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

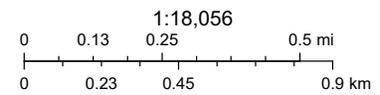
Date: 11/2/2022





April 9, 2023

-  Toxic Releases (TRI)
-  Project 1
-  Project Buffer
-  Search Result (point)



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

FIGURE 9: NEPASSIST MAP

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773



Source: <https://nepassistool.epa.gov/nepassist/nepamap.aspx>

Date: 11/2/2022





Legend

 Project Parcel

PUERTO RICO



FIGURE 10: ENDANGERED SPECIES ACT

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953

Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.

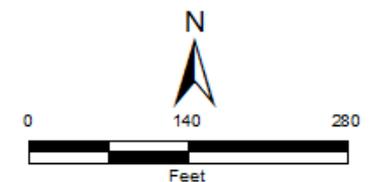
Parcel Coordinates: 18.373261, -66.211773



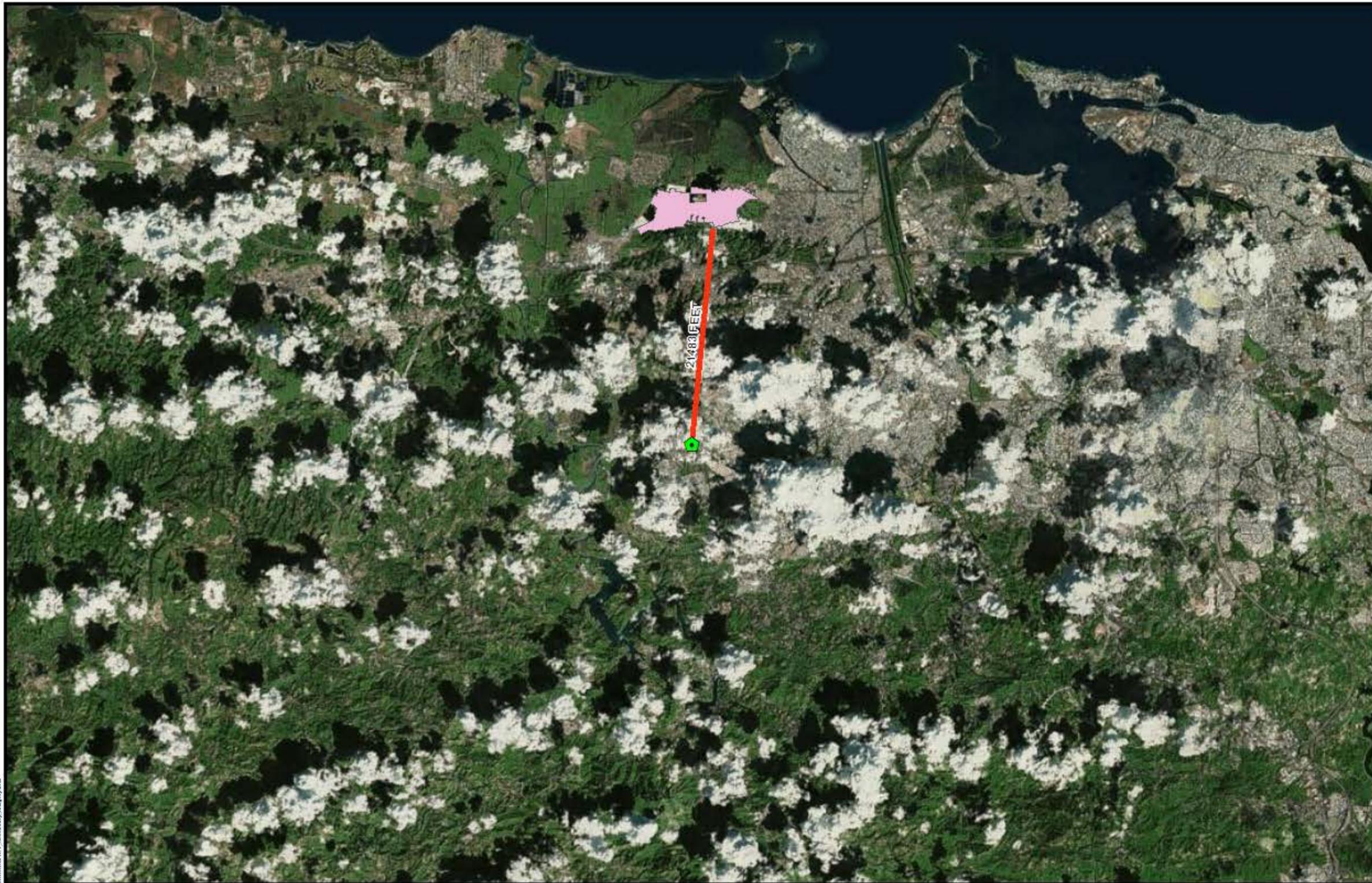
Source: U.S. FISH & WILDLIFE SERVICE
<https://ecos.fws.gov>

Author: TG

Date: 10/4/2022



THE PINK BACKGROUND INDICATES THE PROJECT PARCEL AND THE GREEN PENTAGON INDICATES THE PROJECT PARCEL



Legend

Project Parcel

Common Name

Llanero Coqui

Distance to nearest Critical Habitat in feet:
21,483

PUERTO RICO



FIGURE 11: CRITICAL HABITAT

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953

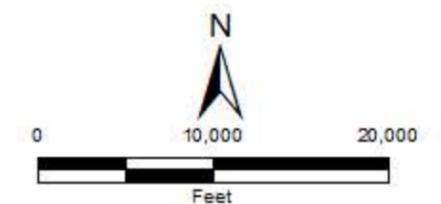
Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.

Parcel Coordinates: 18.373261, -66.211773



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

Author: TG 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-00661

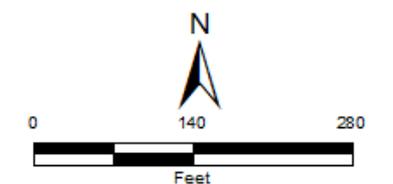
ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953

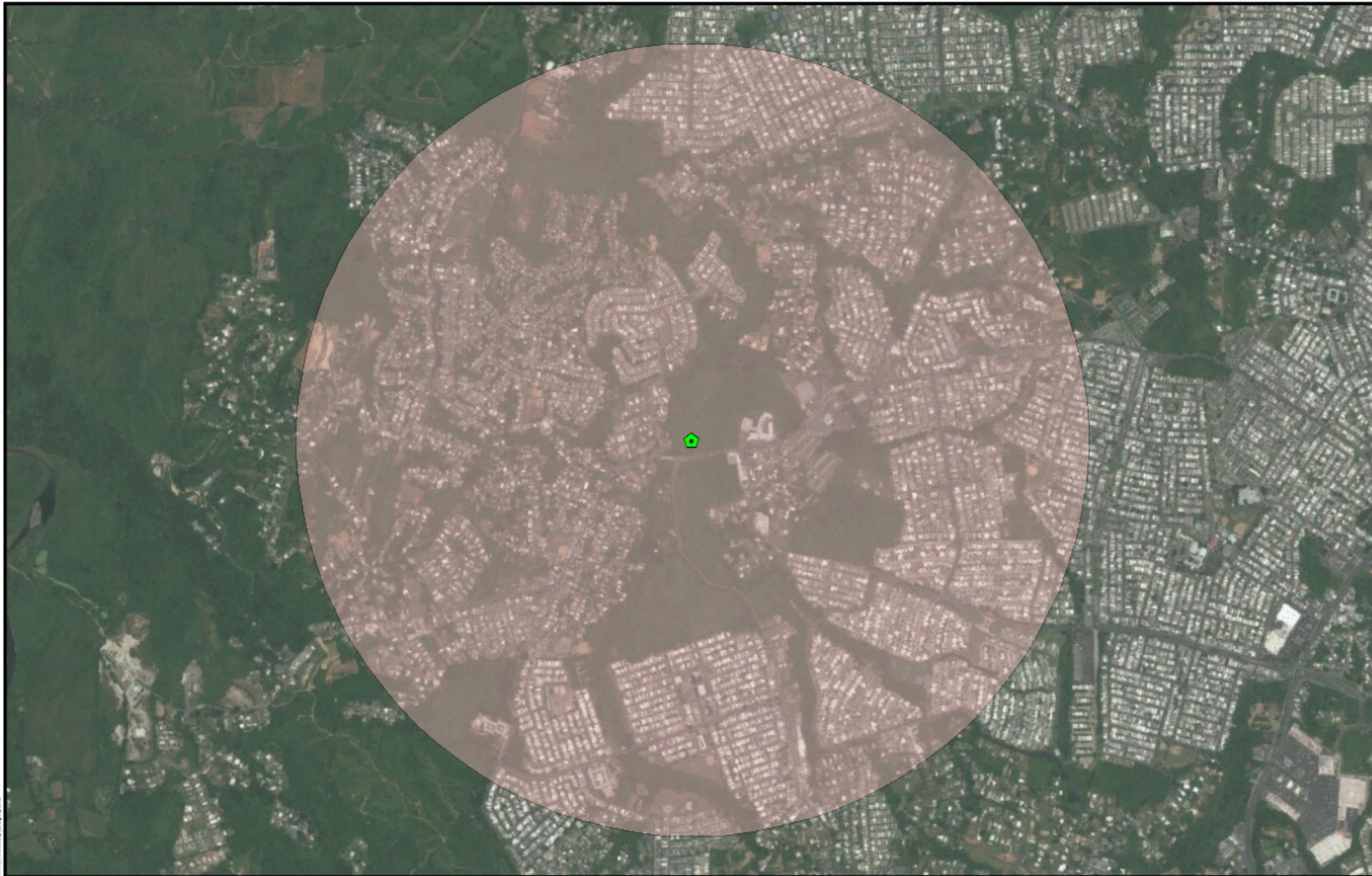
Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.

Parcel Coordinates: 18.373261, -66.211773



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-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953

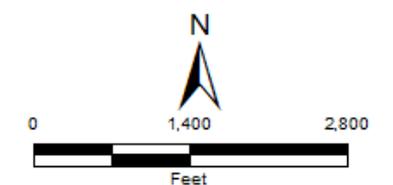
Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.

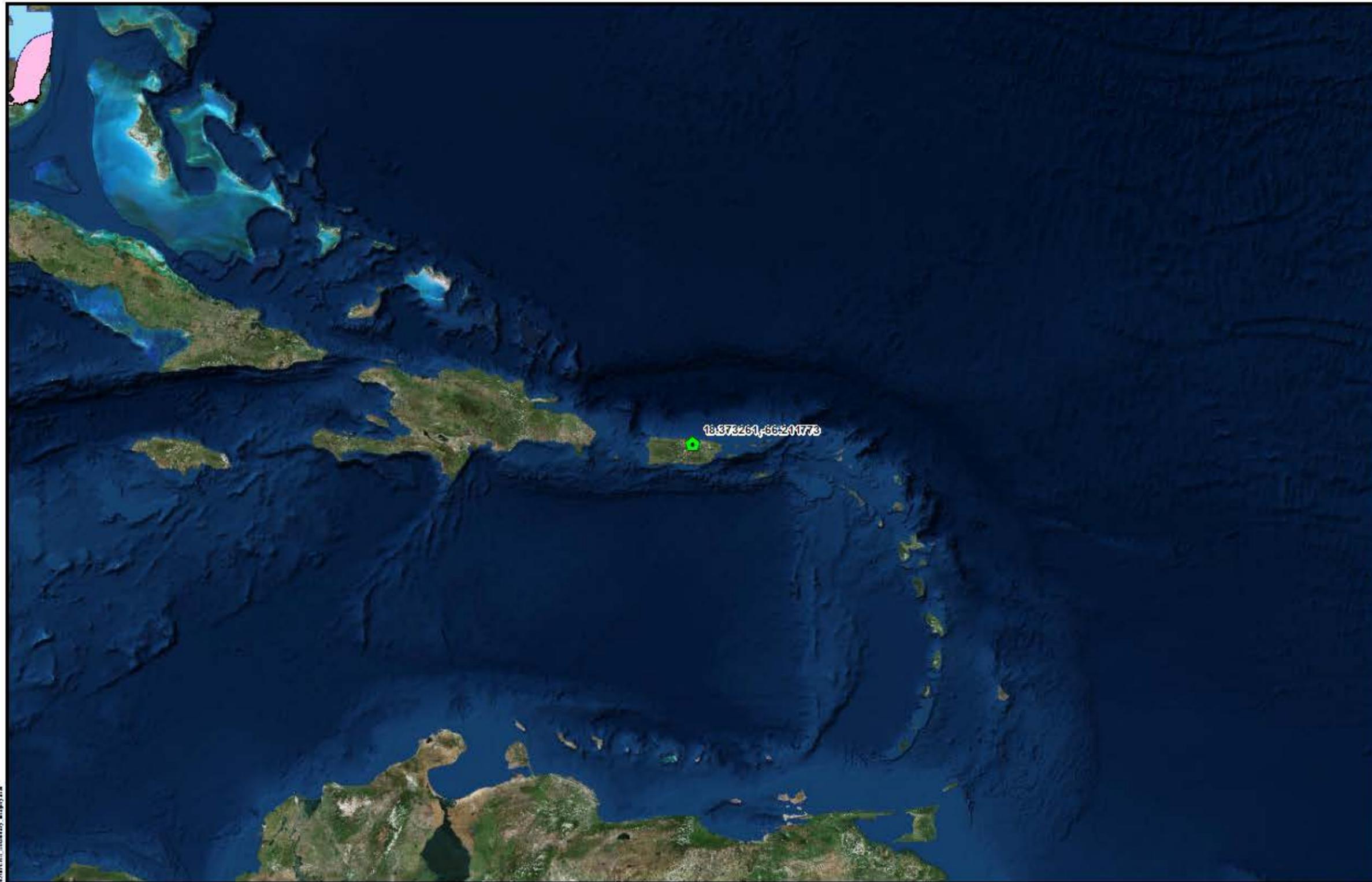
Parcel Coordinates: 18.373261, -66.211773



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

Author: TG Date: 10/24/2022





Legend

-  Project Parcel
- Sole Source Aquifer**
-  Biscayne Aquifer
-  Biscayne Aquifer SSA
Streamflow and Recharge Source Zones

PUERTO RICO



FIGURE 14: SOLE SOURCE AQUIFERS

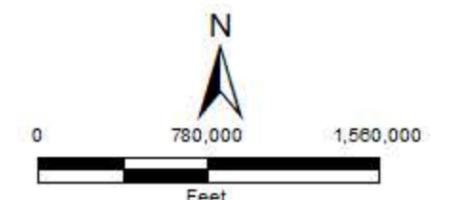
APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.
 Parcel Coordinates: 18.373261, -66.211773



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

Author: TG Date: 2/22/2023



IN THE PUBLIC INTEREST, THE FEDERAL AVIATION ADMINISTRATION HAS REVIEWED THIS DOCUMENT AND HAS DETERMINED THAT IT IS NEUTRAL AND OBJECTIVE.



- 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 15: WETLANDS

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953

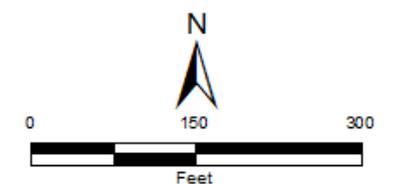
Name of Development: Aserrín Aserrán - Fincas Agrícolas, Inc.

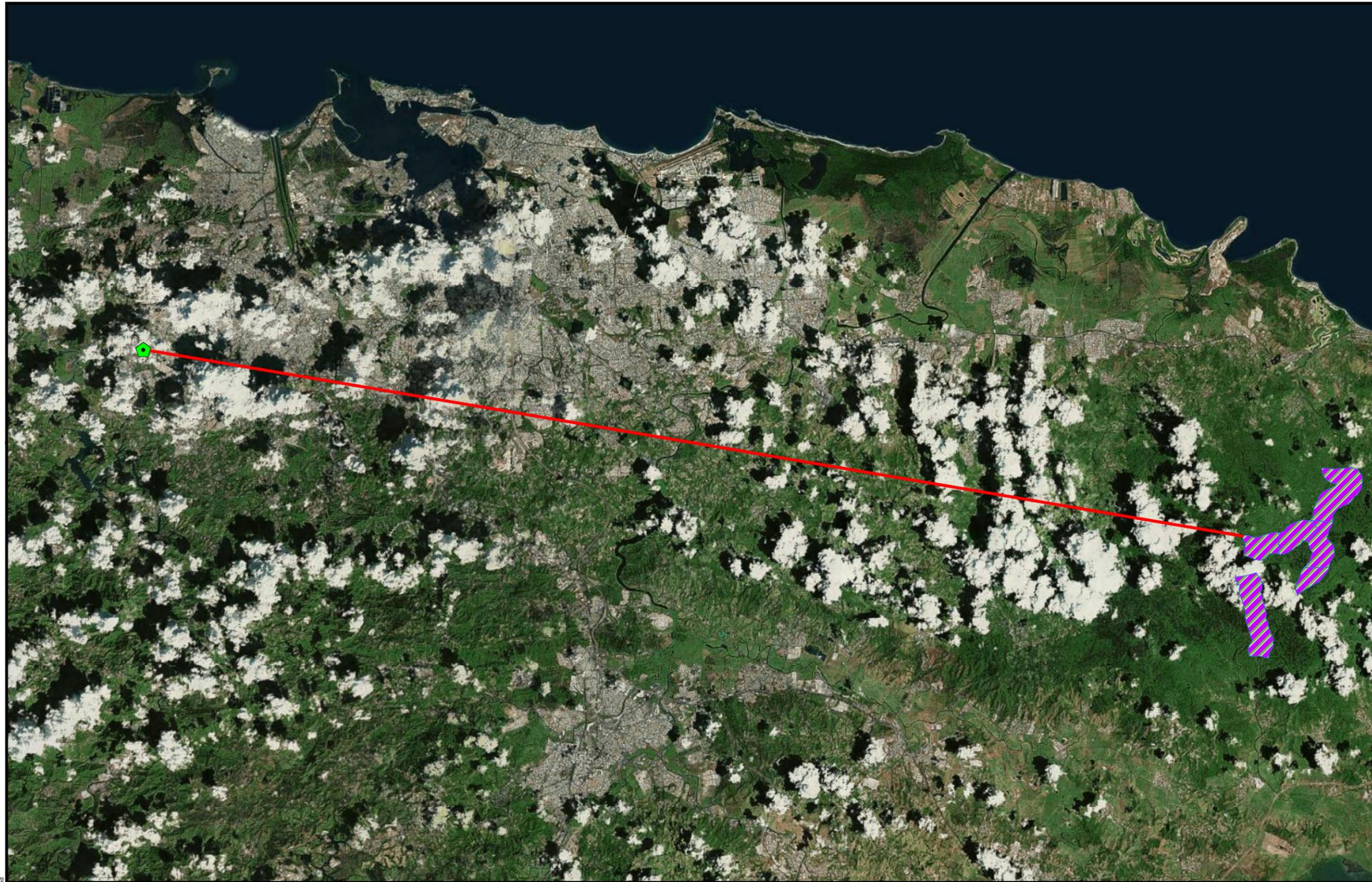
Parcel Coordinates: 18.373261, -66.211773



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: 148023

PUERTO RICO

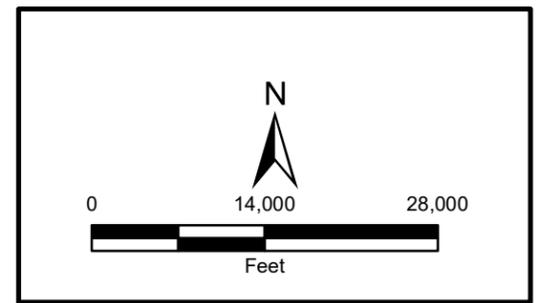



Source: U. S. Forest Service
<https://www.fs.usda.gov>
 Author: TG Date: 4/20/2023

Figure 16: WILD AND SCENIC RIVERS ACT

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carretera no. 861, Km. 4.8, Barrio Mucarabones, PR 00953
Name of Development: Aserrin Aserran - Fincas Agricolas, Inc.
Parcel Coordinates: 18.373261, -66.211773





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

PUERTO RICO



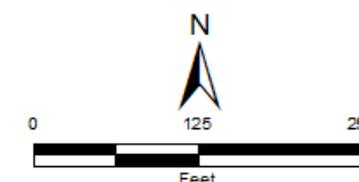
FIGURE 17: SLOPE AND EROSION

APPLICANT ID: PR-RGRW-00661

ADDRESS: Carr. 861, Km 4.8, Bo. Mucarabones, Toa Alta, PR 00953
 Parcel Coordinates: 18.373261, -66.211773



Source: PRDOH
<http://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=10506ecc7f15491daee17647f19248ee>
 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/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. [\(81 FR 58009\)](#)

Change the State:

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

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	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

Contamination and Toxic Substances Summary

Application: PR-RGRW-00661

Site Name	Site Address	Database Listing	Database ID	Approximate Distance to Subject Parcel	Summary
CARIBE FURNITURE MFG	PR-861 KM 5.0 BO PINAS, TOA ALTA, PR 00953	RCRAINFO	110015588014	186 feet	Review of the RCRAInfo database listing indicates that the RCRA facility was identified as a hazardous waste generator having no RCRA violations. Based on the information above, the operations at the RCRA facility are not generating toxic, hazardous, or radioactive substances that could affect the health and safety of subject project occupants or conflict with the intended use of the subject property. See the attached Contamination and Toxic Substances Map.
MUEBLES TORES	PR-861 KM 5.0 PINAS WARD, TOA ALTA, PR 00953	RCRAINFO	110014441960	186 feet	Review of the RCRAInfo database listing indicates that the RCRA facility was identified as a hazardous waste generator having no RCRA violations. Based on the information above, the operations at the RCRA facility are not generating toxic, hazardous, or radioactive substances that could affect the health and safety of subject project occupants or conflict with the intended use of the subject property. See the attached Contamination and Toxic Substances Map.
ORTHO TAIN	RD 861 KM .5, TOA ALTA, PR 00953	RCRAINFO	110015588087	1339 feet	Based on review of regulatory databases and other information sources, the applicant site does not appear to be located proximate (within 500 feet) to a site(s) of environmental concern or have any identified environmental concerns that could impact the site. This conclusion is based upon professional review of the sites which were found unlikely to have an adverse effect on the project location due to distance from the project site.
CARIBE FURNITURE MANUFACTURING INC	CARR 861 KM 5 BARRIO CINCAS, TOA ALTA, PR 00953	TRIS	110011903039	1642 feet	Based on review of regulatory databases and other information sources, the applicant site does not appear to be located proximate (within 500 feet) to a site(s) of environmental concern or have any identified environmental concerns that could impact the site. This conclusion is based upon professional review of the sites which were found unlikely to have an adverse effect on the project location due to distance from the project site.
TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104258	PR-861 KM 6.9 BO PINAS, TOA ALTA, PR 00953	RCRAINFO	110042423963	1738 feet	Based on review of regulatory databases and other information sources, the applicant site does not appear to be located proximate (within 500 feet) to a site(s) of environmental concern or have any identified environmental concerns that could impact the site. This conclusion is based upon professional review of the sites which were found unlikely to have an adverse effect on the project location due to distance from the project site.
PRASA TOA ALTA HEIGHT WWTP	STREET #29 OF THE TOA ALTA HEIGHTS DEVELOPMENT, TOA ALTA, PR 00953	RCRAINFO	110013696777	2533 feet	Based on review of regulatory databases and other information sources, the applicant site does not appear to be located proximate (within 500 feet) to a site(s) of environmental concern or have any identified environmental concerns that could impact the site. This conclusion is based upon professional review of the sites which were found unlikely to have an adverse effect on the project location due to distance from the project site.
LA PROVIDENCIA ESSO	RD 861 KM 3.9 BUCARABONES WARD, TOA ALTA, PR 00953	RCRAINFO	110007815720	2901 feet	Based on review of regulatory databases and other information sources, the applicant site does not appear to be located proximate (within 500 feet) to a site(s) of environmental concern or have any identified environmental concerns that could impact the site. This conclusion is based upon professional review of the sites which were found unlikely to have an adverse effect on the project location due to distance from the project site.

Detailed Facility Report



Detailed Facility Report

Facility Summary

CARIBE FURNITURE MFG

PR-861 KM 5.0 BO PINAS, TOA ALTA, PR 00953

FRS (Facility Registry Service) ID: 110015588014

EPA Region: 02

Latitude: 18.373007

Longitude: -66.212345

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRN008012668)

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<u>110015588014</u>					N	18.373007	-66.212345
RCRAInfo	RCRA	PRN008012668	Other	Inactive ()			N	18.373007	-66.212345

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<u>110015588014</u>	CARIBE FURNITURE MFG	PR-861 KM 5.0 BO PINAS, TOA ALTA, PR 00953	Toa Alta Municipio
RCRAInfo	RCRA	PRN008012668	CARIBE FURNITURE MFG	RD 861 KM 5.0 BO PINAS, TOA ALTA, PR 00953	Toa Alta Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008012668	No	03/04/2023	0	03/03/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA	(Source ID: PRN008012668)	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

Informal Enforcement Actions Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years 

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on: Census Block Group - US 

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	--
Ozone	--
Diesel Particulate Matter	64
Air Toxics Cancer Risk	69
Air Toxics Respiratory Hazard Index	45
Traffic Proximity	69
Lead Paint	66
Risk Management Plan (RMP) Facility Proximity	93
Hazardous Waste Proximity	87
Superfund Proximity	99
Underground Storage Tanks (UST)	91
Wastewater Discharge	99

Number of EJ Indexes Above 80th Percentile
5

[View EJScreen Report \(US/regional/state percentiles, 1-mile average\)](#)

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2016 - 2020 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	23,945
Population Density	7,622/sq.mi.
Housing Units in Area	8,707

General Statistics (ACS (American Community Survey))	
Total Persons	20,850
Percent People of Color	99%
Households in Area	6,511
Households on Public Assistance	690
Persons With Low Income	13,144
Percent With Low Income	63%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.373007
Center Longitude	-66.212345
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,573 (24.16%)
\$15,000 - \$25,000	1,374 (21.11%)
\$25,000 - \$50,000	1,853 (28.46%)
\$50,000 - \$75,000	825 (12.67%)
Greater than \$75,000	885 (13.59%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,407 (6%)
Minors 17 years and younger	6,422 (27%)
Adults 18 years and older	17,523 (73%)
Seniors 65 years and older	2,063 (9%)

Race Breakdown (U.S. Census) - Persons (%)	
White	18,290 (76%)
African-American	2,440 (10%)
Hispanic-Origin	23,756 (99%)
Asian/Pacific Islander	52 (0%)
American Indian	96 (0%)
Other/Multiracial	3,068 (13%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,439 (10%)
9th through 12th Grade	946 (6.57%)
High School Diploma	3,249 (22.57%)
Some College/2-year	1,921 (13.35%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,085 (28.38%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Detailed Facility Report



Detailed Facility Report

Facility Summary

MUEBLES TORES

PR-861 KM 5.0 PINAS WARD, TOA ALTA, PR 00953

FRS (Facility Registry Service) ID: 110014441960

EPA Region: 02

Latitude: 18.373007

Longitude: -66.212345

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRN008012411)

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110014441960					N	18.373007	-66.212345
RCRAInfo	RCRA	PRN008012411	Other	Inactive ()			N	18.373007	-66.212345

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110014441960	MUEBLES TORES	PR-861 KM 5.0 PINAS WARD, TOA ALTA, PR 00953	Toa Alta Municipio
RCRAInfo	RCRA	PRN008012411	MUEBLES TORES	RD 861 KM 5.0 PINAS WARD, TOA ALTA, PR 00953	Toa Alta Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years ▾

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

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current <u>SNC (Significant Noncompliance)/HPV (High Priority Violation)</u>	Current As Of	Qtrs with <u>NC (Noncompliance)</u> (of 12)	Data Last Refreshed
RCRA	PRN008012411	No	03/04/2023	0	03/03/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRN008012411)	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions Last 5 Years ▾

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

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

Formal Enforcement Actions Last 5 Years 

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on: Census Block Group - US 

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	--
Ozone	--
Diesel Particulate Matter	64
Air Toxics Cancer Risk	69
Air Toxics Respiratory Hazard Index	45
Traffic Proximity	69
Lead Paint	66
Risk Management Plan (RMP) Facility Proximity	93
Hazardous Waste Proximity	87
Superfund Proximity	99
Underground Storage Tanks (UST)	91
Wastewater Discharge	99

Number of EJ Indexes Above 80th Percentile
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[View EJScreen Report \(US/regional/state percentiles, 1-mile average\)](#)

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2016 - 2020 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	23,945
Population Density	7,622/sq.mi.
Housing Units in Area	8,707

General Statistics (ACS (American Community Survey))	
Total Persons	20,850
Percent People of Color	99%
Households in Area	6,511
Households on Public Assistance	690
Persons With Low Income	13,144
Percent With Low Income	63%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.373007
Center Longitude	-66.212345
Land Area	100%
Water Area	0%

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\$15,000 - \$25,000	1,374 (21.11%)
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\$50,000 - \$75,000	825 (12.67%)
Greater than \$75,000	885 (13.59%)

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African-American	2,440 (10%)
Hispanic-Origin	23,756 (99%)
Asian/Pacific Islander	52 (0%)
American Indian	96 (0%)
Other/Multiracial	3,068 (13%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,439 (10%)
9th through 12th Grade	946 (6.57%)
High School Diploma	3,249 (22.57%)
Some College/2-year	1,921 (13.35%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,085 (28.38%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

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

Toa Alta County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (787) 834-1600

📠 (787) 851-7440

✉ 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 species¹ 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 Fisheries²).

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

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.

Migratory birds

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

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

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

This location overlaps the following wetlands:

RIVERINE

[R5UBH](#)

A full description for each wetland code can be found at the [National Wetlands Inventory website](#)

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



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

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

April 4, 2023

Lauren Bair Poche
HORNE- Architectural Historian Manager
10000 Perkins Rowe, Suite 610 Bldg. G
Baton Rouge, LA 70810

SHPO: 03-20-23-04 PR-RGRW-00661 ASERRIN ASERRAN - FINCAS AGRICOLAS, INC. LOCALIZADA EN LA CARR. NO. 861 KM. 4.8, BO. MUCARABONES, TOA ALTA, PR

Dear Ms. Bair,

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

Our records support your finding of **no historic properties affected** within the project's area of potential effects. Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately.

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/IMC



March 21, 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-01600 – Aserrín Aserrán - Fincas Agrícolas, Inc.– Carretera No. 861, Km. 4.8, Barrio Mucarabones, Toa Alta, Puerto Rico – No Historic Properties Affected

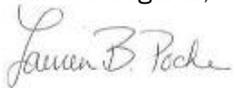
Dear Architect Rubio Cancela,

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 Aserrín Aserrán - Fincas Agrícolas, Inc. at Carretera No. 861, Km. 4.8, in Barrio Mucarabones in the municipality of Toa Alta. The applicant intends to plant dragon fruit in three areas, including 350 units of Trellis System (tutor), consisting of wood poles, rods and plastic for the growing of the dragon fruit. The proponent will purchase equipment and inventory for dragon fruit cultivation, including chainsaw, fertilizer, stationary fumigator, pesticides, electric generator, fence posts (to support the dragon fruit), tractor, trimmer, utv, and steel rods. Posts and rods will be used to hold new plants. Vegetation clearing will be required prior to planting in the three proposed areas of new planting. New posts will involve ground disturbance. 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 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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
REgROW PUERTO RICO PROGRAM		
Section 106 NHPA Effect Determination		
Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.		
Case ID: PR-RGRW-00661	City: Toa Alta	

Project Location: Carretera No. 861, Km. 4.8, Barrio Mucarabones, Toa Alta	
Project Coordinates: 18.373261, -66.211773	
TPID (Número de Catastro): 084-000-009-93-000	
Type of Undertaking:	
<input checked="" type="checkbox"/> Substantial Repair	
<input type="checkbox"/> New Construction	
Construction Date (AH est.): 2000	Property Size (acres): 35.82

SOI-Qualified Architect/Architectural Historian: n/a
Date Reviewed: n/a
SOI-Qualified Archaeologist: Jesus E. Vega, Ph.D.
Date Reviewed: December 13, 2022; REVISED January 26, 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 proponent intends to plant dragon fruit in three areas, including 350 units of Trellis System (tutor), consisting of wood poles, rods and plastic for the growing of the dragon fruit. The proponent will purchase of equipment and inventory for dragon fruit cultivation, including chainsaw, fertilizer, stationary fumigator, pesticides, electric generator, fence posts (to support the dragon fruit), tractor, trimmer, utv, and steel rods. Posts and rods will be used to hold new plants. Vegetation clearing will be required prior to planting in the three proposed areas of new planting (see APE Map). New posts will involve ground disturbance (see Photo 5).

The applicant stated that the terrain has not been used in thirty years, other than the planting of dragon fruit within the existing planation area (see APE Map). However, a building complex was built in the vicinity of Area 2, as reflected in aerial imagery of 2004, suggesting significant disturbance of the terrain in that part of the undertaking. Additionally, the parcel was largely cleared of vegetation, as indicated in aerial imagery dated in 2016. The undertaking has no need of fresh water or power connections. At present, the farm has a storage area for fertilizers and pesticides.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.		
Case ID: PR-RGRW-00661		City: Toa Alta

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the area potentially impacted by ground disturbing activities related to three areas for the cultivation of dragon fruit, each approximately 100' by 80' (See APE Map). 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 the project area has no archaeological resources within a 0.50-mile radius. The closest identified cultural resource to the project area is Site 6-2 (TA010000), a multicomponent shell midden with prehistoric Ostiones and Taíno ceramics and historic materials, surveyed by Daniel Koski-Karell and Luis Ortiz in 1985, located 1.91 miles northwest of the property.

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
No data	No data	No data	No data	No data	No data

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

Author	Title	Year	SHPO/IPRC ID	Results	Location
Ethel V. Schlafer Román	Phase 1A-1B, Evaluación Arqueológica Bo. Mucabarones	n.d.	CAT-TA-??-01-01	Negative	0.00 mi

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.	
Case ID: PR-RGRW-00661	City: Toa Alta

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, the closest reported archaeological materials or significant cultural properties are 1.91 miles northwest of the proposed project area. 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-00661 is located. The terrain was partly impacted by a building complex built in the vicinity of Area 2, as reflected in aerial imagery of 2004, and subsequently demolished circa 2010. Additionally, the parcel was cleared of all vegetation, as indicated in aerial imagery dated in 2016, plus the minimal impact of dragon fruit cultivation and storage area for fertilizers and pesticides. These impacts are not related to any cultural properties. The proposed project area is not within the boundaries or visual APE of any NRHP listed/eligible historic properties, nor to a Traditional Urban Center or Historic District. A Phase 1A-1B study by Schlafer Román (no date), within a half-mile radius, does not report any sites at or adjacent to the APE, or within a half-mile radius. Therefore, the Program has determined that project actions described in the undertaking will not impact any cultural properties.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.	
Case ID: PR-RGRW-00661	City: Toa Alta

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

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

Project (Parcel) Location - Aerial Map



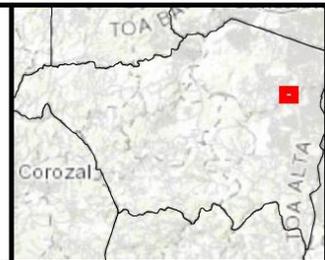
Source: CRIM

Author: TG

Date: 1/23/2023

Legend

-  Tier 2 Site
-  Historic Comunidades
-  Traditional Urban Centers
-  Cultural Resource District Polygon
-  Parcelario



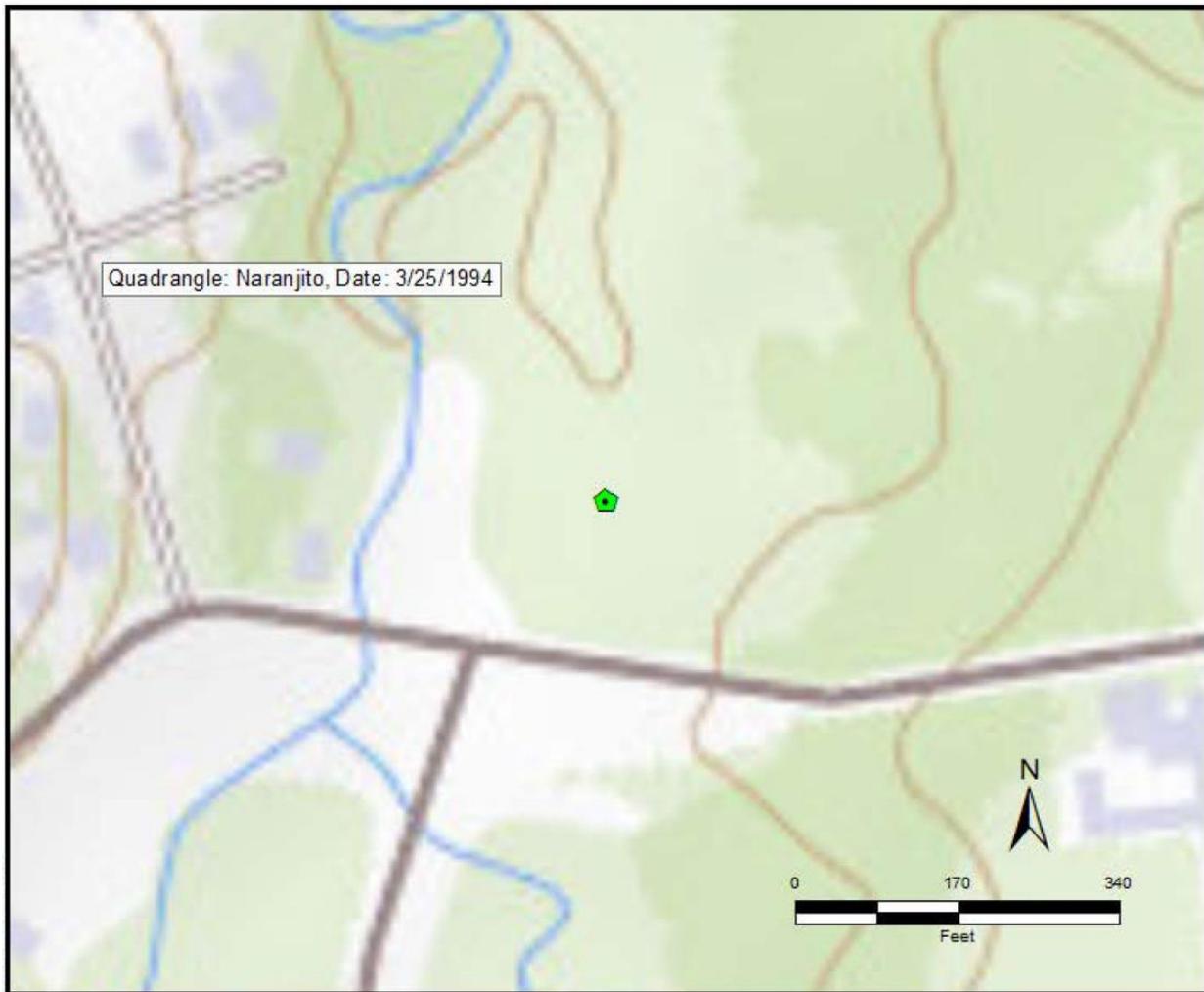


Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

Project (Parcel) Location - USGS Topographic Map



Source: USGS

Author: TG

Date: 9/29/2022

Legend

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

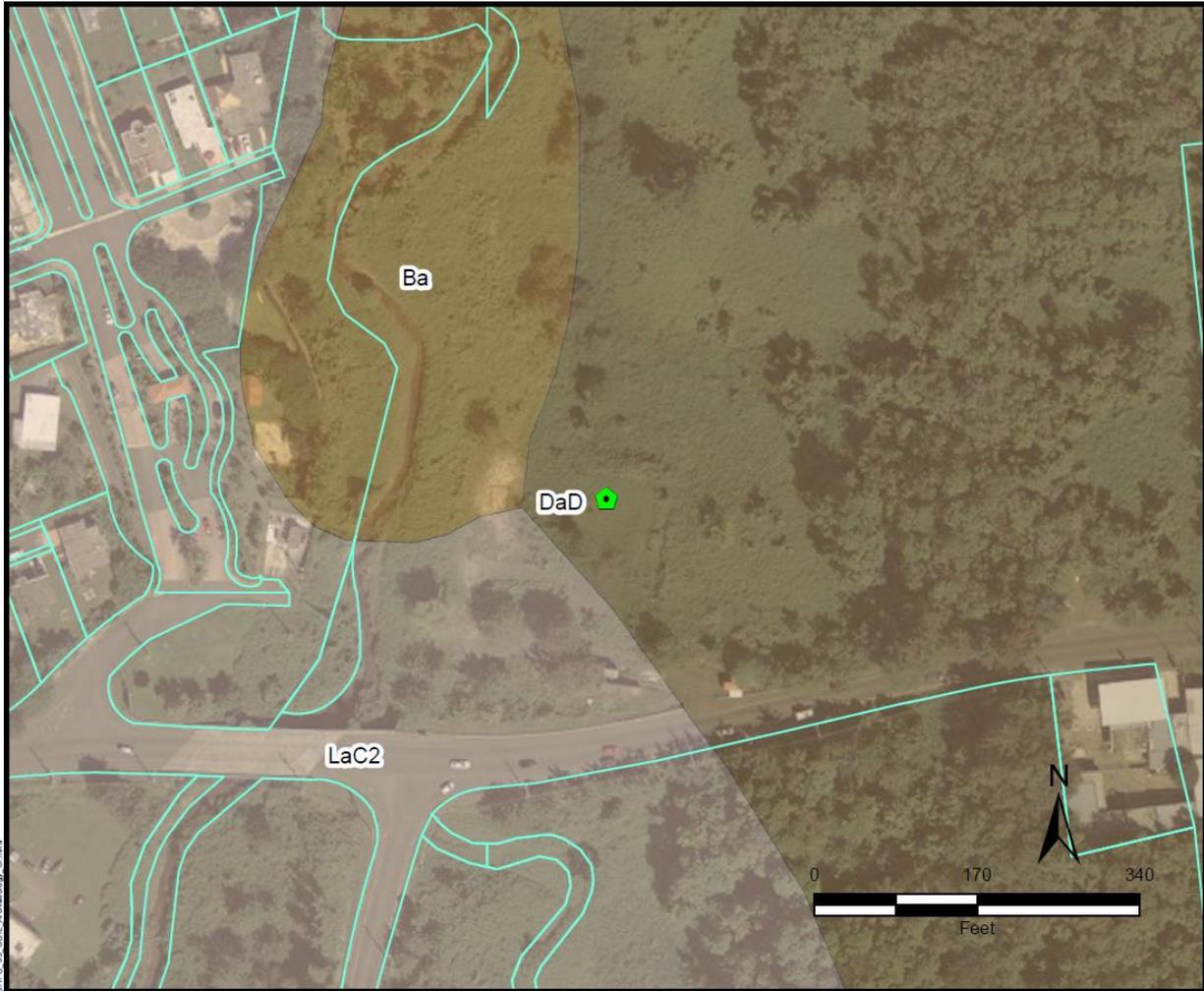


Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

Project (Parcel) Location – Soils Map



TETRA TECH

Source:USDA

Author: TG

Date: 9/30/2022

Legend



Tier 2 Site



Parcelario

Soil Type



Ba;Bajura clay, 0 to 2 percent slopes, frequently flooded



DaD;Daguey clay, 12 to 20 percent slopes



LaC2;Lares clay, 5 to 12 percent slopes, eroded



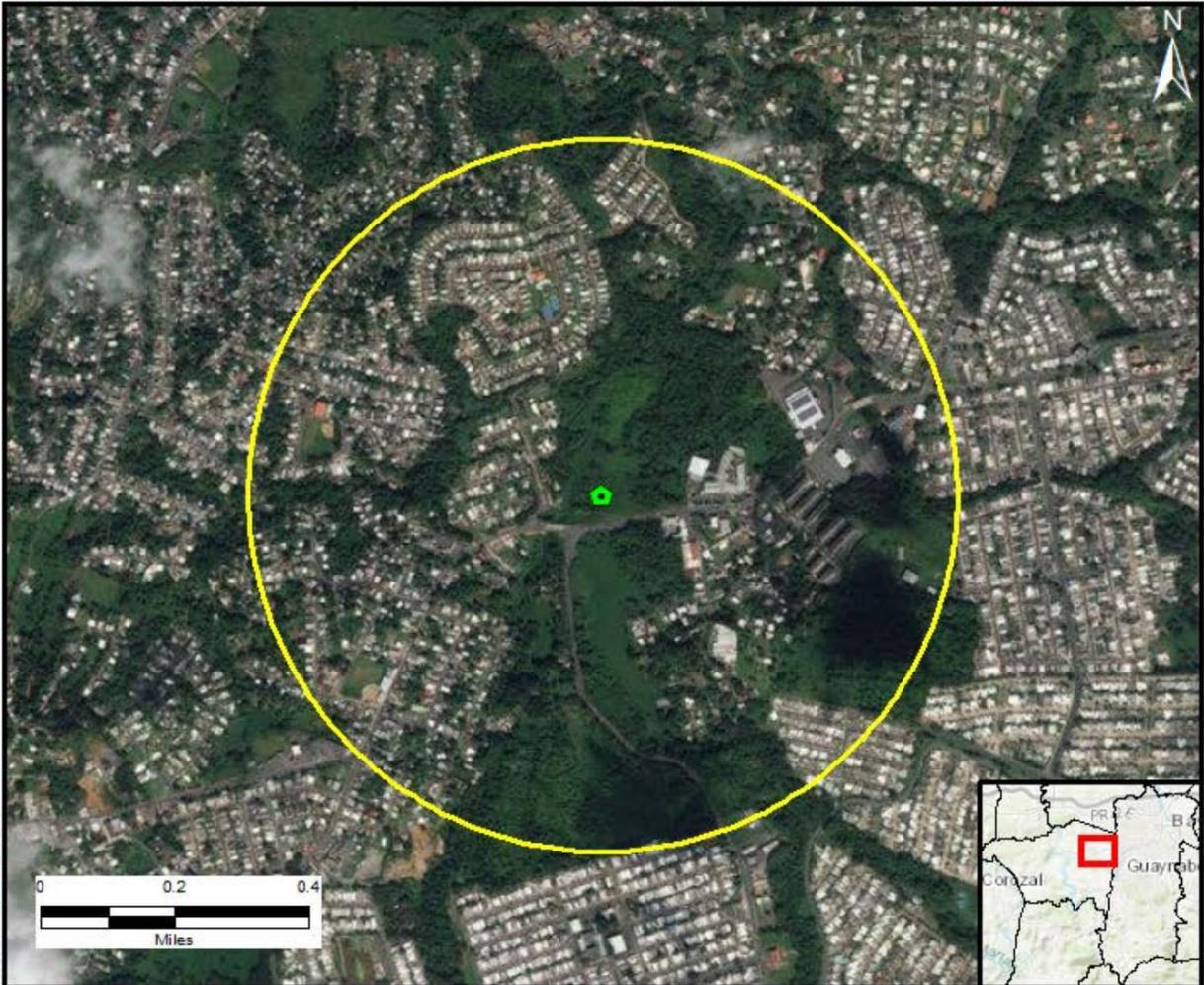
File Path: \\nas01001\GIS\2022\106\ASERRIN\ASERRAN\FINAL\106-ASERRIN-TOA-ALTA\SOILS\106-ASERRIN-TOA-ALTA-Soils-Map.mxd

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

Project (Parcel) Location with Previous Investigations - Aerial Map



Source: National Park Service

Author: TG

Date: 9/29/2022

Legend

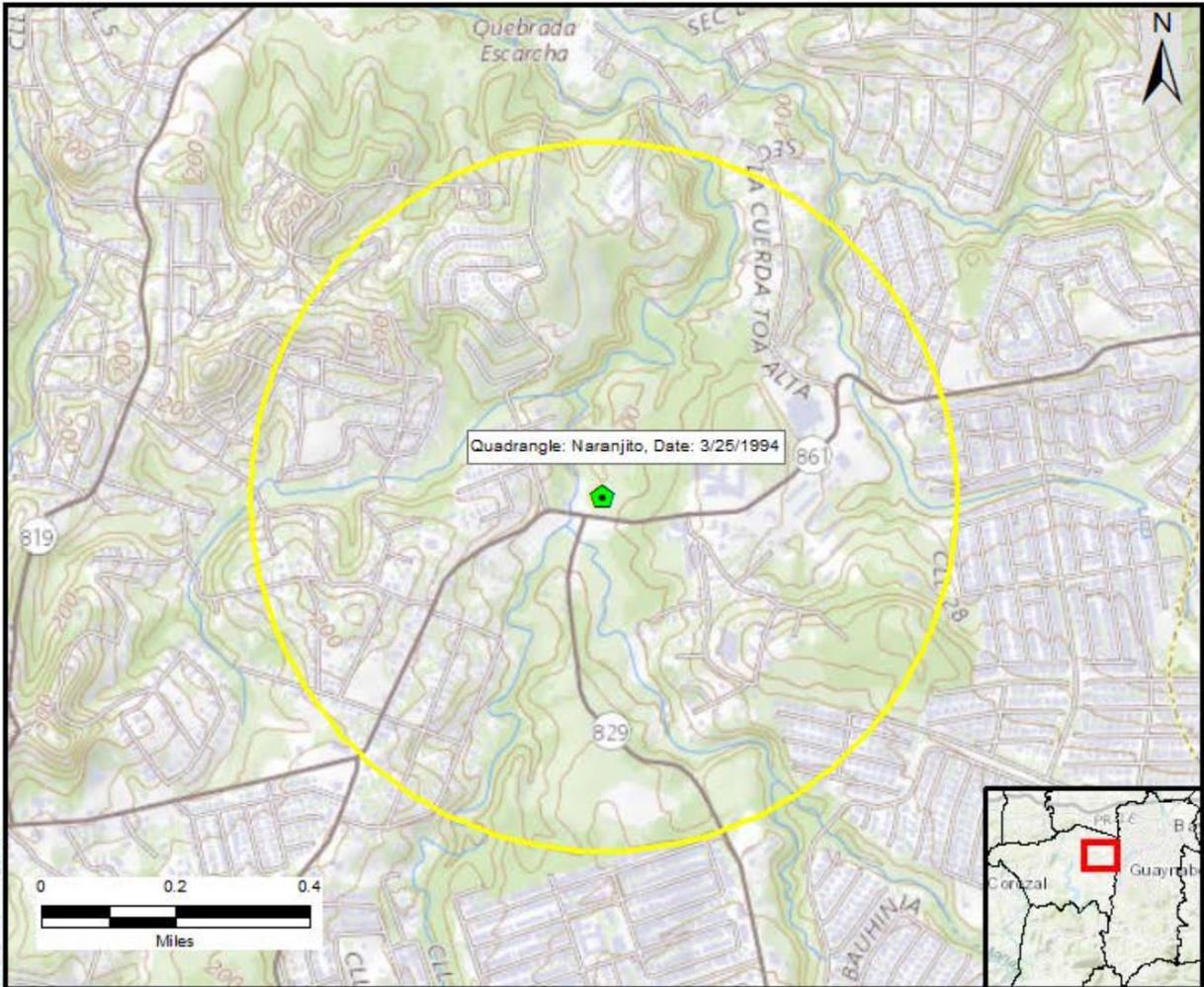
-  Tier 2 Site
-  Half Mile Buffer
-  Historic Comunidades
-  Traditional Urban Centers
-  Cultural Resource District Polygon

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

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: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta

Photograph Key



Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta



Photo #: 1

Description (include direction): North

Date: Nov. 29, 22.

Existing structure adjacent to Area 2.



Photo #: 2

Description (include direction): North

Date: Nov. 29, 22.

Scope Of Work, Area 1

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta



Photo #: 3

Description (include direction): East.

Date: Nov. 29, 22.

Scope Of Work, Area 2



Photo #: 4

Description (include direction): Northwest.

Date: Nov. 29, 22.

Scope Of Work, Area 2

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta



Photo #: 5

Description (include direction): East

Date: Nov. 29, 22.

Wood posts present in the existing plantation area.



Photo #: 6

Description (include direction): Northeast.

Date: Nov. 29, 22.

Scope Of Work, Area 3.

Subrecipient: Aserrín Aserrán - Fincas Agrícolas, Inc.

Case ID: PR-RGRW-00661

City: Toa Alta



Photo #: 7

Description (include direction): West.

Date: Nov. 29, 22.

Access Road/Entrance to the property.



Photo #: 8

Description (include direction): East.

Date: Nov. 29, 22.

Existing access road located south of Area 2.



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT