

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-01871

Project Name: Jose Cruz Acevedo

Responsible Entity: Puerto Rico Department of Housing

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: Puerto Rico/Carolina

Preparer: Cliff Jarman

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

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

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

Project Location: Carr. 111 Km 13.2 interior, Barrio Hato Arriba, San Sebastian, PR 00685

The property is located at Carr. 111 Km 13.2 interior, Barrio Hato Arriba, San Sebastian, PR 00685 (Parcel ID: 099-063-376-08). The coordinates of the project site are 18.352630, -67.044710.

This land was previously an empty lot and is currently used for a residential home and greenhouses for growing coriander.

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

The proposed total project area is approximately 0.005 acres. The proposed use of grant funds is for the purchase and installation of a greenhouse. There are currently two greenhouses on the property for growing coriander. The field is currently not graded. The new greenhouse will also be used for growing coriander. The proposed scope of work includes connection to existing utilities at the garage/storage building which is located to the east of the residence on the property.

Scope of Work 1 is located in 18.352490, -67.044790. The new greenhouse installation will be achieved with leveled earth soil. Measurements are 100 feet by 35 feet which equals 2000 square feet. The applicant is going to connect the greenhouse to pre-existing power and water meter at a garage/storage building located north of the proposed greenhouse

location. Electric power is going to go underground with PVC pipes at 3 feet of depth and water is going to go a 1 foot of depth. Each line will run approximately 200 linear feet from the greenhouse at 18.352490, -67.044790, to the existing utility connections on the north and west sides of the building.

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

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

In September of 2017, Hurricanes Irma and Maria produced sustained winds and intense rainfall that impacted agricultural production throughout the island of Puerto Rico. These hurricanes caused the loss of eighty percent of crop value island wide, exacerbating challenges to food security and agricultural business development. The Puerto Rico Department of Agriculture (PRDA) estimated seven hundred and eighty million dollars (\$780 million) worth of damages from the hurricanes to the agricultural sector of the economy.

Many properties were damaged in Hurricane Maria, resulting in struggling businesses. The Re-Grow Puerto Rico Urban-Rural Agriculture Program (Re-Grow Program) will develop greater agricultural capacity and address the needs created by Hurricanes Irma and Maria with a substantial investment of CDBG-DR funds for a wide variety of viable and sustainable agricultural activities.

The Re-grow PR Urban-Rural Agriculture Program promotes and increases food security throughout the Island. It also improves and expands agricultural production related to economic revitalization and the development of activities.

The applicant does not have the resources to purchase farming equipment and materials for their agricultural operation. The proposed project is associated with the cultivation and production of coriander and will deliver with the overall objectives of the economic development program. The proposed project will promote the production of traditional crops in high demand and contribute to the food sustainability of Puerto Rico. The purpose of this project is to increase the productivity of the farm. This agricultural project associated with the construction of a greenhouse is in keeping with the overall objectives of the Economic Development Program.

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

The proposed project is located in a rural, mountainous terrain with residential buildings along Sector Campo Alegre Road. Crop lands are located to the south of the property. The property lies south of Sector Campo Alegre Road in the town of San Sebastián, near the limit with the town of Moca to the North.

The existing area for the proposed purchase and installation of a greenhouse is and traditionally has been used for residential and agricultural purposes. Therefore, there is no change in land use associated with this project and some ground disturbance will be required.

Structure of this Environmental Review Report (ERR).

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

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

Funding Information

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

Estimated Total HUD Funded Amount: \$45,659.25

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$45,659.25

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 or 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"/>	<p>The proposed project consists of the purchase and installation of a greenhouse and connection of utilities to existing utilities at the garage/storage building which is located to the east of the residence on the property. The nearest civil airport is approximately 48,151 feet from the proposed site. The nearest military airport is approximately 357,848 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.</p> <p>See Figure 2 in Appendix B.</p>
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>This proposed project is not located in a CBRS Unit. The proposed project is located 45,234 feet southwest of the nearest CBRS (PR-75). Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.</p> <p>See Figure 3 in Appendix B.</p>
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed project site is not located in a 100-year floodplain per FEMA Flood Insurance Rate Map (FIRM) 72000C0535J, effective date 11/18/2009. The proposed project will not require flood insurance.</p>

of 1994 [42 USC 4001-4128 and 42 USC 5154a]		The proposed project is in compliance with flood insurance. See Figure 4 and 5 in Appendix B .
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The proposed project site is not located in a county or air quality management district that is in non-attainment status for any criteria pollutants. The Municipio of San Sebastian is not listed in the EPA Green Book as being in non-attainment. The proposed project consists of the purchase and installation of a greenhouse and connection of utilities to existing utilities would have no impact on air quality. The project is in compliance with Clean Air Act. See EPA listing in Appendix C .
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The proposed project is located 42,406 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 .
Contamination and Toxic Substances 24 CFR Part 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	A site visit conducted on May 24, 2023, noted no debris, rubbish, visible signs vegetative stress, contamination, or toxic substances at the project site. The site inspection noted a 600-gallon AST used for water reserve. Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project. There are three RCRA sites and two NPDES sites. RCRA site (Dept. of Ed – Maximo Salas) located 2,538 feet from the project site. Esso Standard Oil – PR CO-332 and ESSO-486 are listed at the same location, 2,573

		<p>feet from the project site. All three RCRA sites have no reported violations in the last three years.</p> <p>NPDES sites 1 and 2 are listed at the same location and are related to road improvements. Neither site has reported violations in the last three years.</p> <p>The proposed project consists of the purchase and installation of a greenhouse and connection of utilities to existing utilities. Due to the location of the RCRA and NPDES sites, type of project, and no reported violations, there would be no impacts to the project site. The project is in compliance contamination and toxic substances.</p> <p>See Figures 8 and 9 in Appendix B. See reports in Appendix C.</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>	<p>The proposed project will have No Effect on listed species. The proposed project is located 32,311 feet from the nearest endangered species critical habitat. The proposed purchase and installation of a greenhouse will not involve cutting down any trees. Additionally, there are no critical habitats in the proposed project area.</p> <p>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 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 new greenhouse will be located in an area that has been used for agricultural purposes and with other greenhouses in the vicinity.</p> <p>A "No Effect" determination has been made based on the lack of suitable</p>

		<p>habitat for the Puerto Rican Boa, as well as previous disturbance and current land use of the proposed project area.</p> <p>If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.</p> <p>See Figures 10 and 11 in Appendix B and "no effect" determination and IPaC report in Appendix D. The proposed 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. 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 site is designated as prime farmland. The proposed purchase and installation of a greenhouse 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.</p> <p>Although the project includes new construction, the project is exempt from review under the Farmland Protection Policy Act (FFPA) as the project is limited to construction of on-farm structures needed for farm operations. No further review is required. This project is in compliance with the Farmland Protection Policy Act.</p> <p>See Figure 12 in Appendix B.</p>

<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in a Zone X, FIRM Panel 72000C0535J, effective date 11/18/2009. The site is not located in an Advisory Base Flood Elevation (ABFE) special flood hazard area. The project is in compliance with floodplain management requirements.</p> <p>See Figure 5 and 6 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</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site was evaluated on August 02, 2023, by an SOI qualified Architect and on August 02, 2023, by a SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on August 14, 2023. SHPO concurred with a finding of “No Historic Properties Affected” within the projects's Area of Potential on Effects on August 18, 2023.</p> <p>See Figure 13 in Appendix B and SHPO Submittal and Concurrence Documentation in 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</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>HUD’s noise regulations protect residential properties from excessive noise exposure. The proposed project consists of the purchase and installation of a greenhouse.</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</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The project is in compliance with Sole Source Aquifer requirements.</p>
<p>Wetlands Protection</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>NWI maps show no wetlands on the proposed project area or adjacent to the proposed project area. The nearest wetlands are located approximately 400-</p>

Executive Order 11990, particularly sections 2 and 5		feet north and 450-feet south of the proposed project location. This proposed project will not impact any on or off-site wetlands and includes no activities that would require further evaluation under Executive Order 11990. The project is in compliance with wetland protections. See Figure 14 in Appendix B .
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is 434,353 feet. The project is in compliance with the Wild and Scenic Rivers Act. See Figure 15 in Appendix B .
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	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, the proposed activity complies with Executive Order 12898.

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	<p>The proposed project is located on a private farm. The proposed project consists of the purchase and installation of a greenhouse.</p> <p>The project site is zoned as SREP and SREP-A. The proposed action is compliant with the current rural residential/agricultural land use of the project area.</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The proposed project is located in a rural, mountainous terrain with residential buildings along Sector Campo Alegre Road. Crop lands are located to the south of the property. The soil in the APE is MUD2 Moca clay with a 12 to 20 percent slope.</p> <p>Projects larger than 1 acre must comply with the CWA and develop a SWPPP with the NPDES. The proposed project area is approximately 0.05 areas.</p> <p>The project sites are in area is rated "low to moderate" for landslide susceptibility (see Figure 16 in Appendix B).</p> <p>There will be little to no additional runoff associated with the project.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>During implementation of the project, construction activities may result in temporary elevation of ambient noise levels in immediate areas around active construction areas.</p> <p>There is no access to the project area by the public. Standard BMPs, such as construction fencing, would be applied to protect the farm residents and public from typical construction hazards.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
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. However, since the project will include an economic component, it may aid in restoring some employment opportunities and increase income.</p> <p>The proposed project would not negatively impact employment or income patterns.</p>
Demographic Character Changes, Displacement	2	<p>The proposed project would not result in demographic character changes or displacement. Given the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	<p>The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.</p>
Commercial Facilities	2	<p>The agricultural activity of the project property will improve. Other commercial facilities would not be impacted by the proposed project.</p>
Health Care and Social Services	2	<p>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.</p>
Solid Waste Disposal / Recycling	2	<p>Waste vegetation from any clearing activities will either be composted on site or at regional composting centers. Soil from any grading would be recycled on the farm as fill. Left over construction materials that could be reused on the farm (e.g., piping, structural materials) would be stored for later use. The remaining construction solid waste materials would be collected for transport to the local landfill. The amount of impact of solid waste resulting from the construction of the proposed project would be minor. During operations,</p>

		the products and byproducts would be agricultural, which waste would be biodegradable.
Wastewater / Sanitary Sewers	2	The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current residential/farm conditions would remain unchanged.
Water Supply	2	Water will be supplied to the new greenhouse from the existing connection to the residence via underground PVC piping. 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 an existing agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur in land previously used for residential/agricultural purposes and will continue in that capacity. The proposed project will have no impact on vegetation and wildlife.

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change Impacts	2	<p>This is a small agricultural project with no measurable impact on climate change factors.</p> <p>The project area is rural and does not have urban heat island effects.</p> <p>There would be no changes to the site configuration or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity.</p> <p>With respect to climate change impact on the project, agricultural activities could be affected by drought.</p>
Energy Efficiency/Energy Consumption	2	<p>The applicant is going to connect the greenhouse to pre-existing power located north of the proposed greenhouse location.</p> <p>The proposed project will have minor impact on power usage.</p>

Additional Studies Performed: None Required

Field Inspection (Date and completed by): **Josue Troche, 5/24/2023**

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

John H. Chafee Coastal Barrier Resources System, Puerto Rico [map](http://www.fws.gov/CBRA/Maps/Locator/PR.pdf).
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 Required

Public Outreach [24 CFR 58.43]:

The local community has been very proactive in the recovery process. Puerto Rico Department of Agriculture has worked closely with the agricultural community. The project includes a FONSI / NOI-RROF in compliance with NEPA regulations for HUD.

Cumulative Impact Analysis [24 CFR 58.32]:

In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the proposed project. The agricultural activities at the residential farm would increase to a minor degree above current levels due to the implementation of the project. Water use would increase to a minor degree in the new greenhouse.

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 of agricultural products in the new greenhouse. Any alternative that would involve an off-property location would not enhance and expand agricultural production or allow for the economic development for this applicant. The actions are proposed in an area where other greenhouses are

currently located and has an existing water connection. Alternative locations on the property would be farther from the existing greenhouses and water connections and would require extensive tree removal and grading.

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

Under the No Action Alternative, the applicant would not receive federal funding for construction of a new greenhouse 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 no adverse effects on the environment nor is there the requirement for further consultation with federal agencies associated with the topics evaluated above. There are no environmental review topics addressed above that result in the need for additional formal compliance steps with federal agencies or the requirement for mitigations other than those listed below. There may be additional approvals or permits from local agencies.

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

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

Law, Authority, or Factor	Mitigation Measure

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: 11/06/23

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

Certifying Officer Signature:  Date: November 7, 2023

Name/Title: Sally Z. Acevedo Cosme- 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

Site Inspection and Photos

Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-01871		
Applicant Name	Jose Cruz Acevedo		
Property Address	Carr 111 km 13.2 Interior Bo Hato Arriba		
Parcel ID	099-063-376-08		
Coordinates	18.352630, -67.044710		
Inspector Name	Josue Troche		
Inspection Date	05/24/2023		
Building Type	Concrete_Metal		
Number of Units	0		
Number of Stories	0		
Year Built; Data Source	C1970; 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"/>	Greenhouses for Growing coriander
B. Is structure a greenhouse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Greenhouses for Growing coriander
C. Is Electricity connected?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connected to Luma energy
D. Is water connected? (Utilities or Well)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connected to AAA
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 checked="" type="checkbox"/>	<input type="checkbox"/>	600 gallons Water reserve
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 of fertilizer
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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

peeling paint, or hazardous materials present in or on the structure?			
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"/>	Stream passes from east to the south of the property
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:

Re Grow Additional Notes:
Case: PR-RGRW-01871
Coordinates: 18.352630, -67.044710

Is the field graded: Not graded.

Scope of Work: Purchase and installation of greenhouse

Land current in use for: Growing coriander on two greenhouse already installed in the property

Past Land use was: Empty lot

The applicant plans to do: Greenhouse for growing coriander

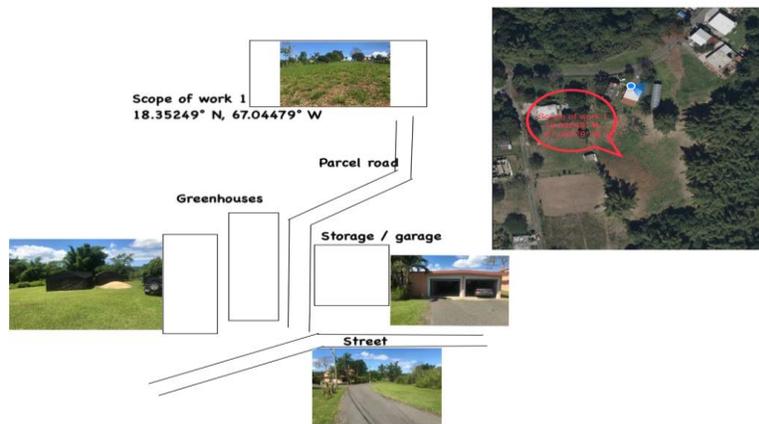
Where the applicant plans to do the ground disturbances for the scopes of work, add the coordinates, description and approx measurements

Scope of work 1: 18.352490, -67.044790
Greenhouse installation with leveled earth soil. Measurements are 100' x 20 '= 2000sqft

Any new water connection or power connection?: No, applicant is going to use pre-existing power and water meter for the new greenhouse.

Electric power is going to go underground with PVC pipes at 3ft of depth and water is going to go a 1ft of depth. Approx 200 LF Start point, garage/storage room ending point 18.352490, -67.044790

Site Sketch



Front of Structure

Photo Direction: South



Facing Away From Front

Photo Direction: North



Side #1 of Structure

Photo Direction: Northwest



Facing Away From Side #1

Photo Direction: Southeast



Back of Structure

Photo Direction: North



Facing Away From Back

Photo Direction: South



Side #2 of Structure

Photo Direction: Southeast



Facing Away From Side #2

Photo Direction: Northwest



Streetscape #1

Photo Direction: West



Streetscape #2

Photo Direction: Northeast



Address

Photo Direction: South



Outbuildings

Photo Description: Storage / garage

Photo Direction: North



Outbuildings

Photo Description: Greenhouse

Photo Direction: Northeast



Environmentally Sensitive Areas

Photo Description: Bambu

Photo Direction: Southeast



Environmentally Sensitive Areas

Photo Description: Bambu

Photo Direction: East



Environmentally Sensitive Areas

Photo Description: Bambu

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structure Occupied

Photo Description: Greenhouse

Photo Direction: South



Greenhouse Photos

Photo Description: Greenhouses

Photo Direction: South



Electricity Connected

Photo Description: Electricity meter

Photo Direction: South



Water Connected

Photo Description: Water meter

Photo Direction: East



Aboveground Storage Tanks

Photo Description: Water reserve

Photo Direction: Northwest



Warehouse Use

Photo Description: Garage / storage

Photo Direction: South



Standing Water

Photo Description: Stream

Photo Direction: East



Scope Of Work

Photo Description: Scope of work: Installation of Greenhouse

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work: Installation of Greenhouse

Photo Direction: South



Scope Of Work

Photo Description: Scope of work: Installation of Greenhouse

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work: Installation of Greenhouse

Photo Direction: North



Scope Of Work

Photo Description: Scope of work: Installation of Greenhouse

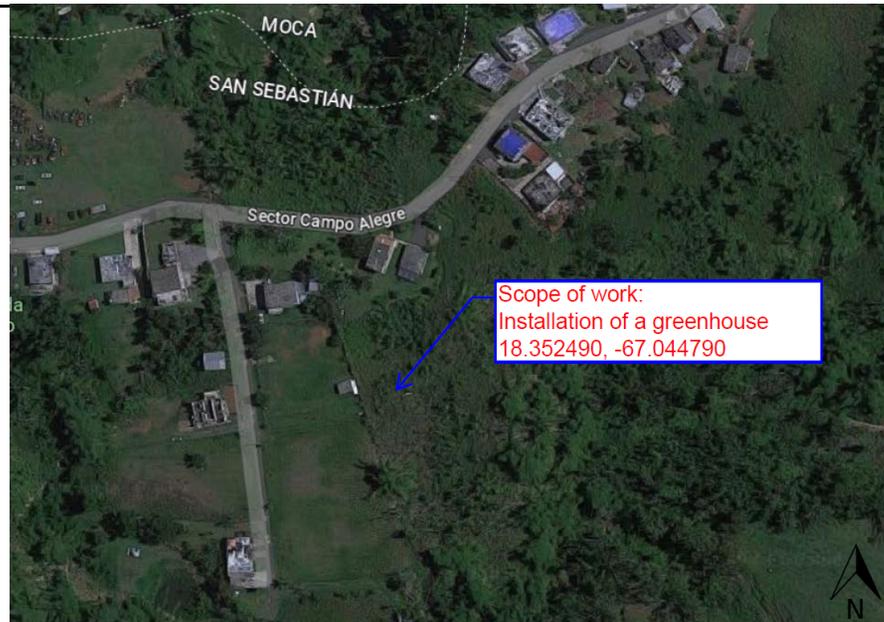
Photo Direction: East



Scope Of Work

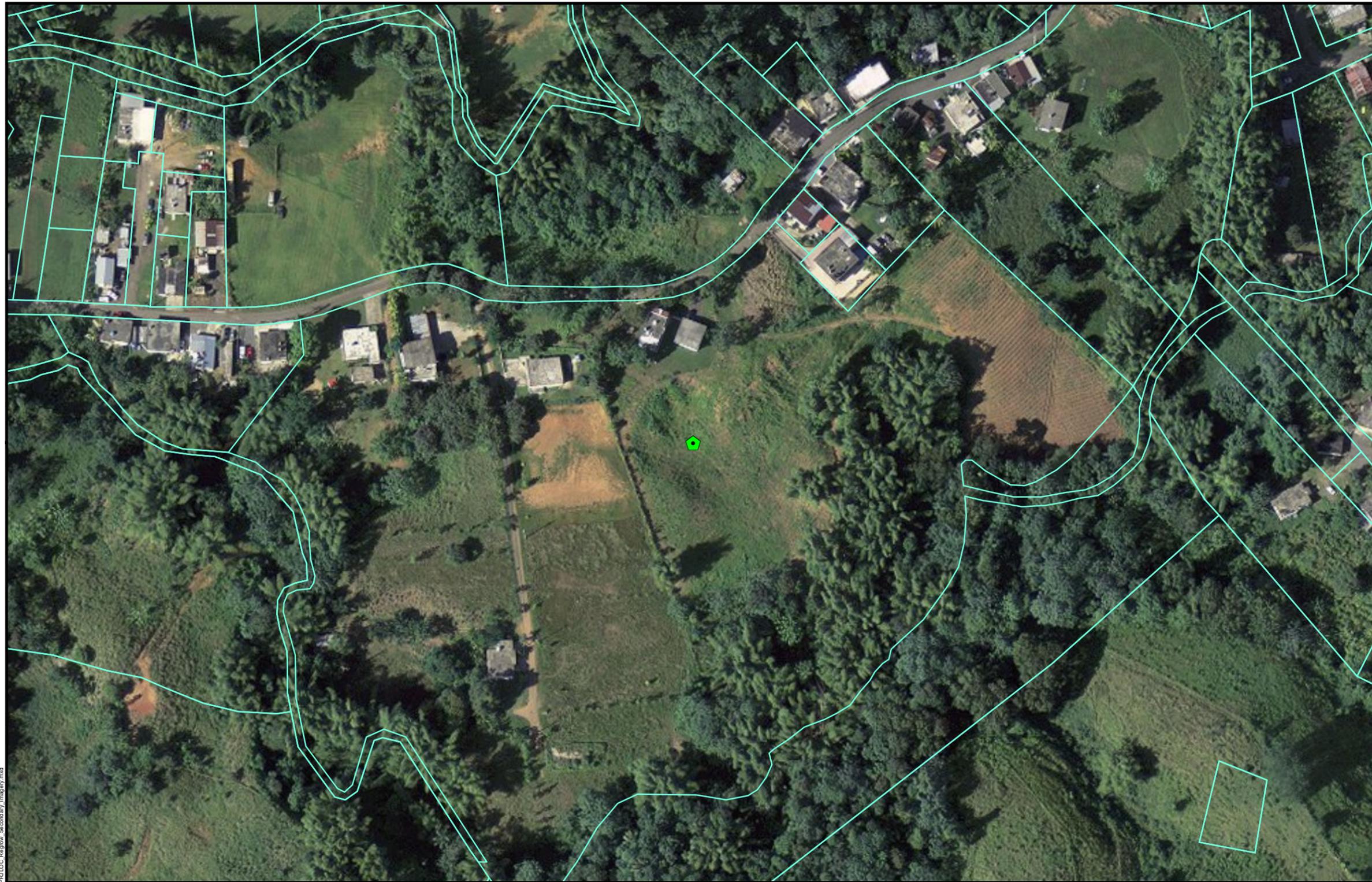
Photo Description: Scope of work map reference

Photo Direction: North



APPENDIX B

Maps



- Legend**
-  Project Parcel
 -  Parcels

PUERTO RICO



Figure 1: PROJECT LOCATION

APPLICANT ID: PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

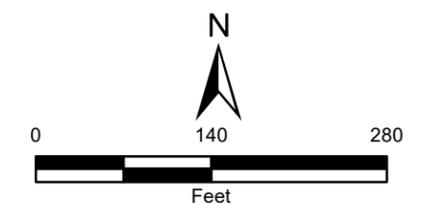
Name of Development: Jose Cruz Acevedo

Parcel Coordinates: 18.35263 , -67.04471

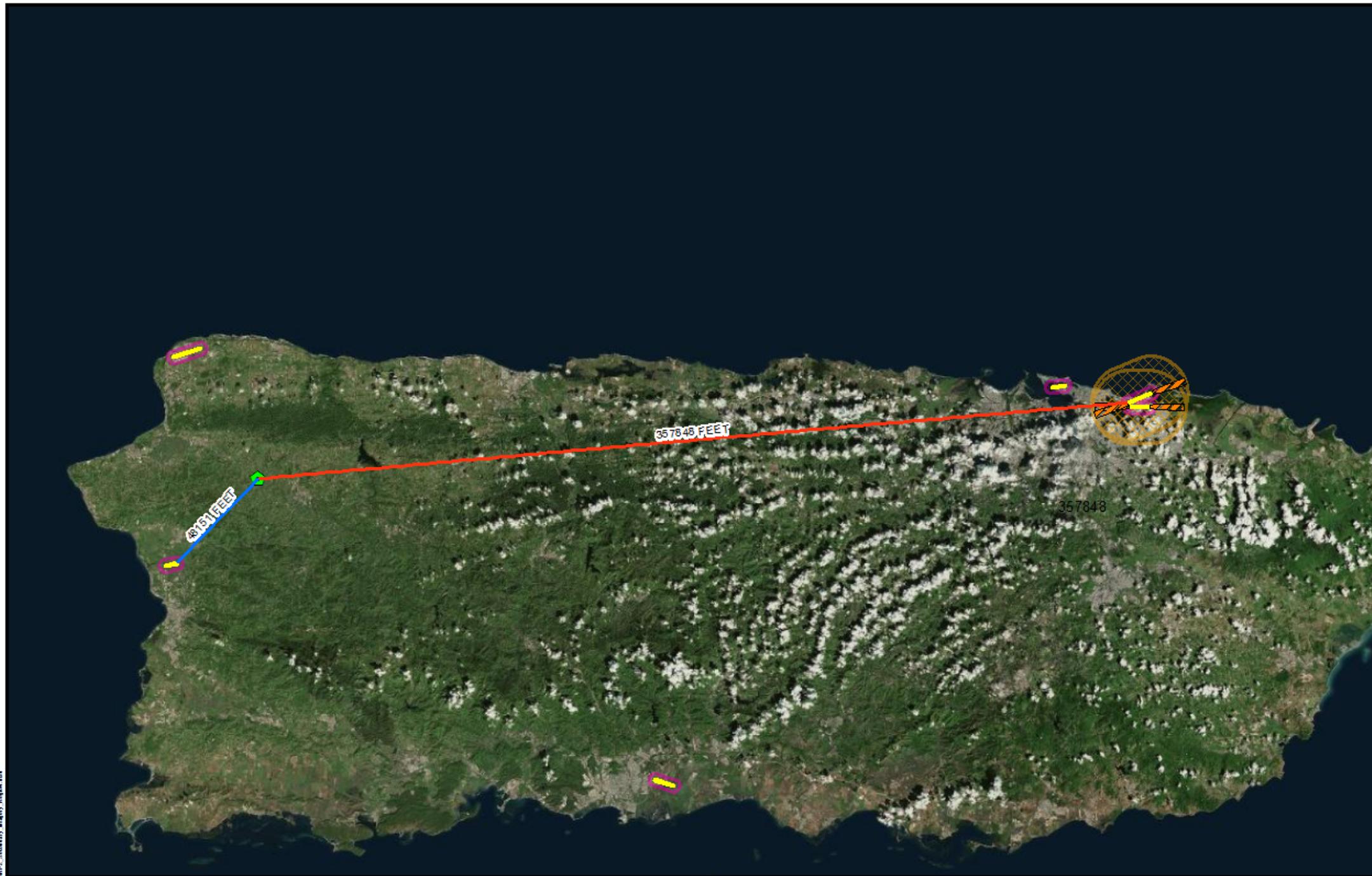


Source: U. S. Fish & Wildlife Service
<https://www.fws.gov>

Author: TG Date: 6/6/2023



File Path: \\esl1026\gis\100\PR\AccShans\TDR\data\USFWS\PR\LOC_Review_Secondary_image\rvr.mxd



Legend

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

**Distance to Nearest Airport
in Feet: 48151 FEET**

PUERTO RICO



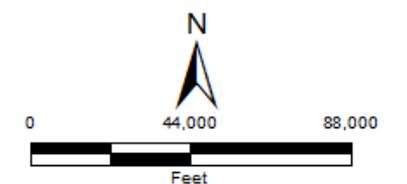
**Figure 2: AIRPORT ZONES
APPLICANT ID: PR-RGRW-01871**

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685
 Name of Development: Jose Cruz Acevedo
 Parcel Coordinates: 18.35263, -67.04471



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

Author: TG Date: 6/2/2023





Legend

Project Parcel

Coastal Barrier Resources System Unit Type

Otherwise Protected

System Unit

Distance to Nearest Coastal Barrier Resources System in Feet: 45234 FEET

PUERTO RICO



**Figure 3: COASTAL BARRIERS IMPROVEMENT ACT
APPLICANT ID: PR-RGRW-01871**

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

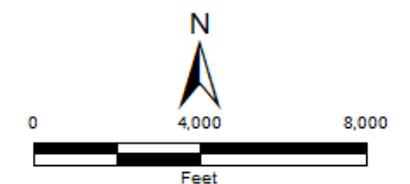
Parcel Coordinates: 18.35263, -67.04471



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

Author: TG

Date: 6/5/2023





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

PUERTO RICO

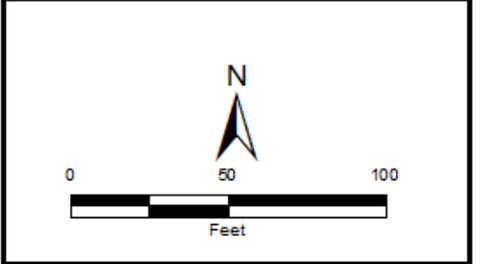


**Figure 4: FLOODPLAIN MANAGEMENT
 APPLICANT ID: PR-RGRW-01871**

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

Parcel Coordinates: 18.35263, -67.04471



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

Author: TG Date: 6/1/2023

File Path: \\msc02qa01\001\Projects\GIS\01871\Map\Map\01871_Floodplain_Management_Report.mxd



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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

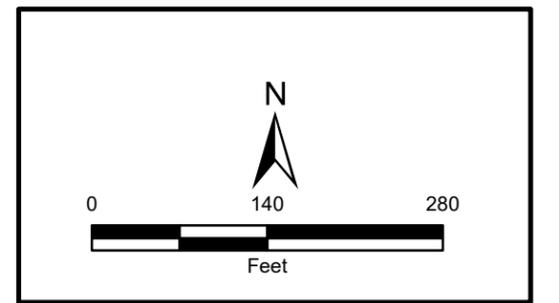


FIGURE 5: NATIONAL FLOOD HAZARD LAYER FIRMETTE

APPLICANT ID: PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

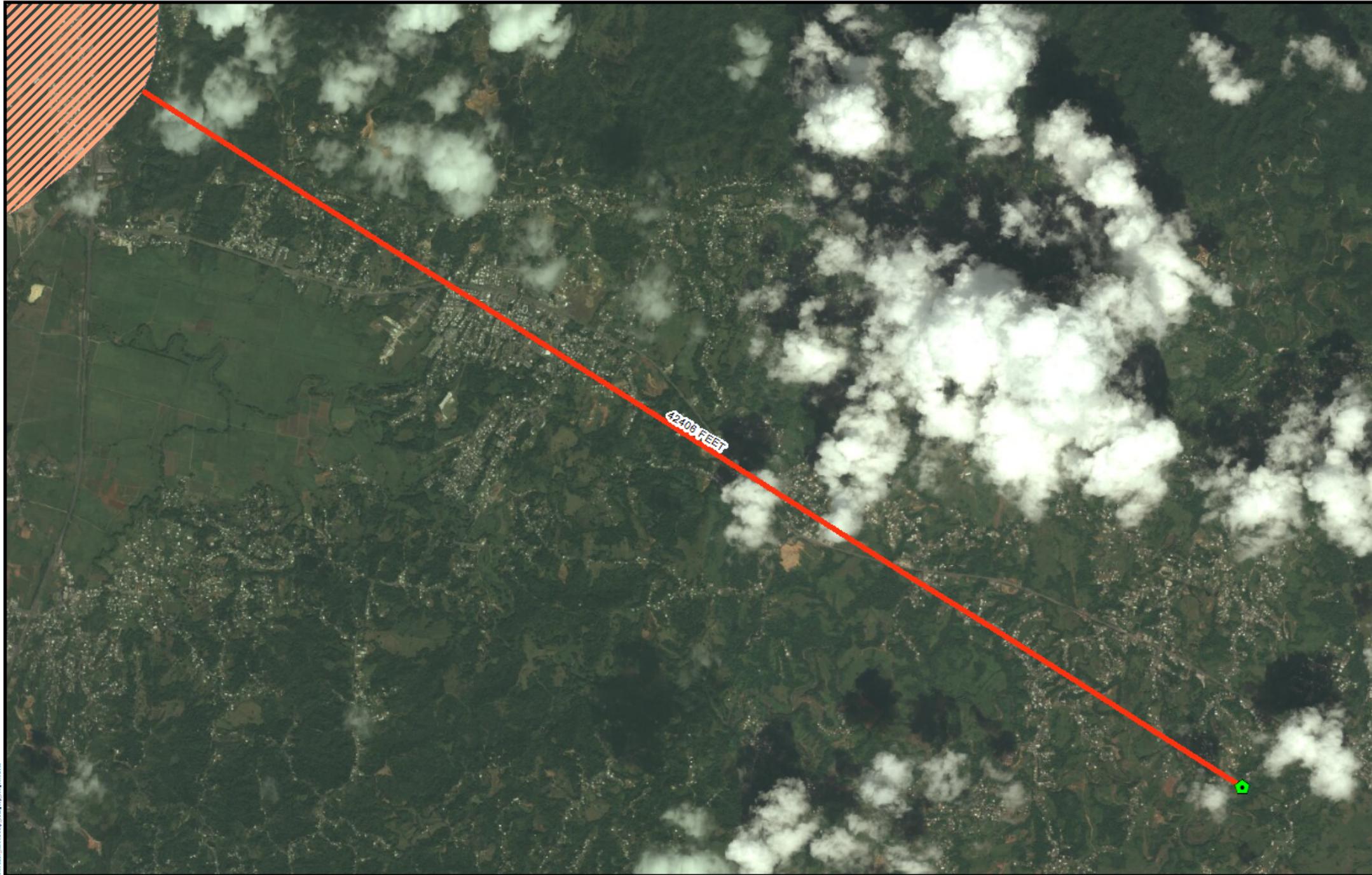
Name of Development: Jose Cruz Acevedo

Parcel Coordinates: 18.35263, -67.04471



Source: FEMA
<https://www.msc.fema.gov>
 Author: TG Date: 5/31/2023

File Path: \\nas120\gis\GIS\CDR\PR\Acc\GIS\SanSebastian\GIS\PR\LOC_Regrow_Secondary_Imagery.mxd



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

Distance to Nearest Coastal Zone: 42406 FEET

PUERTO RICO



TETRA TECH, INC. 10000 W. CENTRAL EXPRESSWAY, SUITE 100, FORT WORTH, TEXAS 76132-3808
 TEL: 817.416.8000 FAX: 817.416.8001 WWW.TETRA-TECH.COM

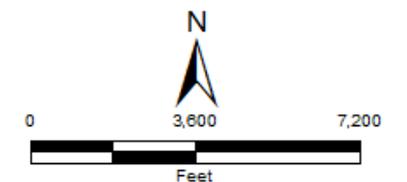


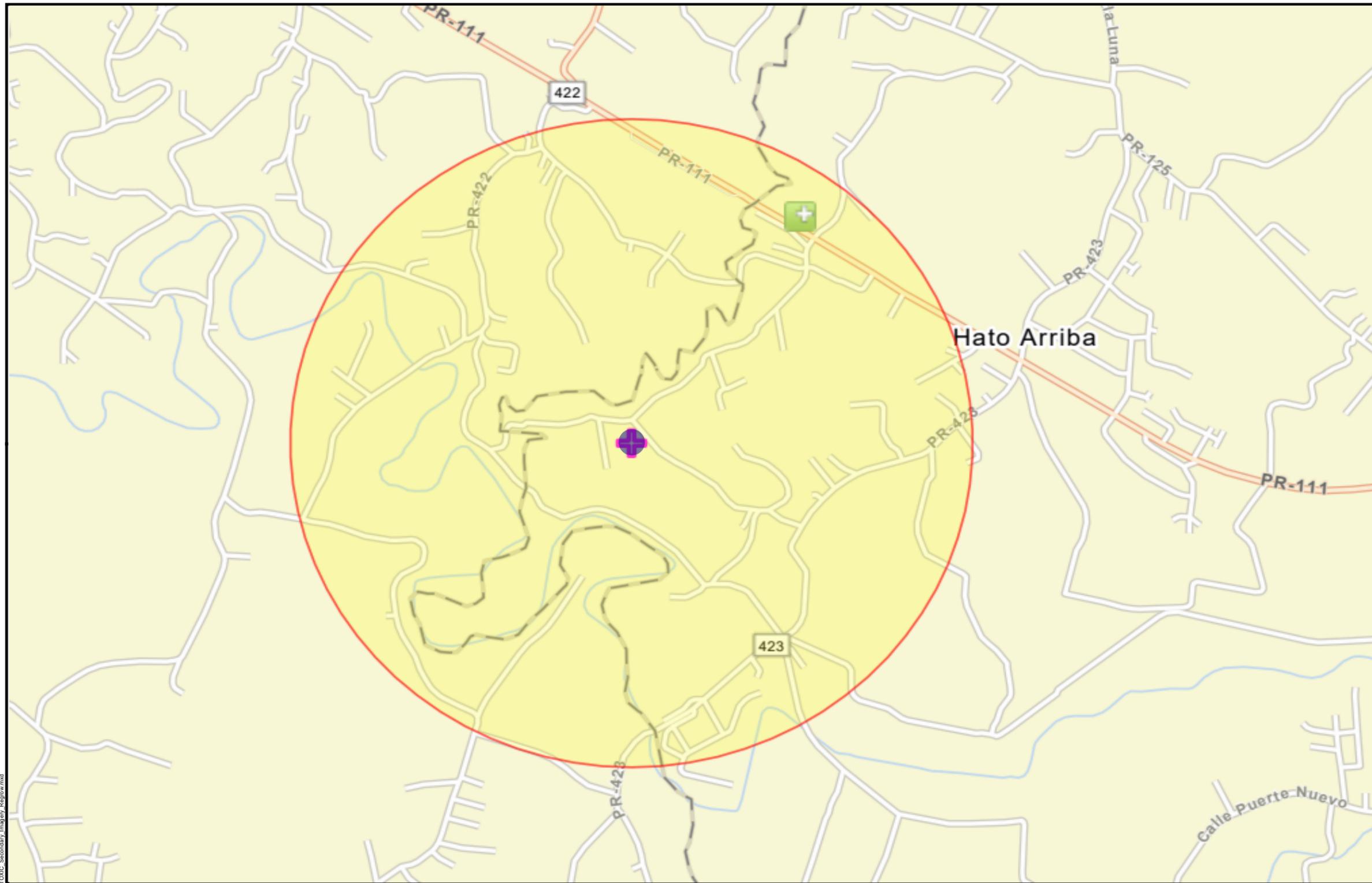
Source: NOAA's Ocean Service
<https://data.noaa.gov>

Author: TG Date: 6/5/2023

Figure 7: COASTAL ZONE MANAGEMENT
APPLICANT ID:PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685
 Name of Development: Jose Cruz Acevedo
 Parcel Coordinates: 18.35263, -67.04471





Legend

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

PUERTO RICO



Figure 9: NEPA Assist Map

APPLICANT ID: PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

Parcel Coordinates: 18.35263, -67.04471

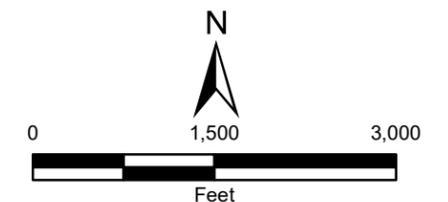


Source: E.P.A.

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

Author: JB/AK

Date: 5/18/2023





Legend
Project Parcel

PUERTO RICO



Figure 10: ENDANGERED SPECIES ACT APPLICANT ID: PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

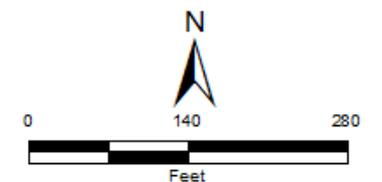
Parcel Coordinates: 18.35263, -67.04471



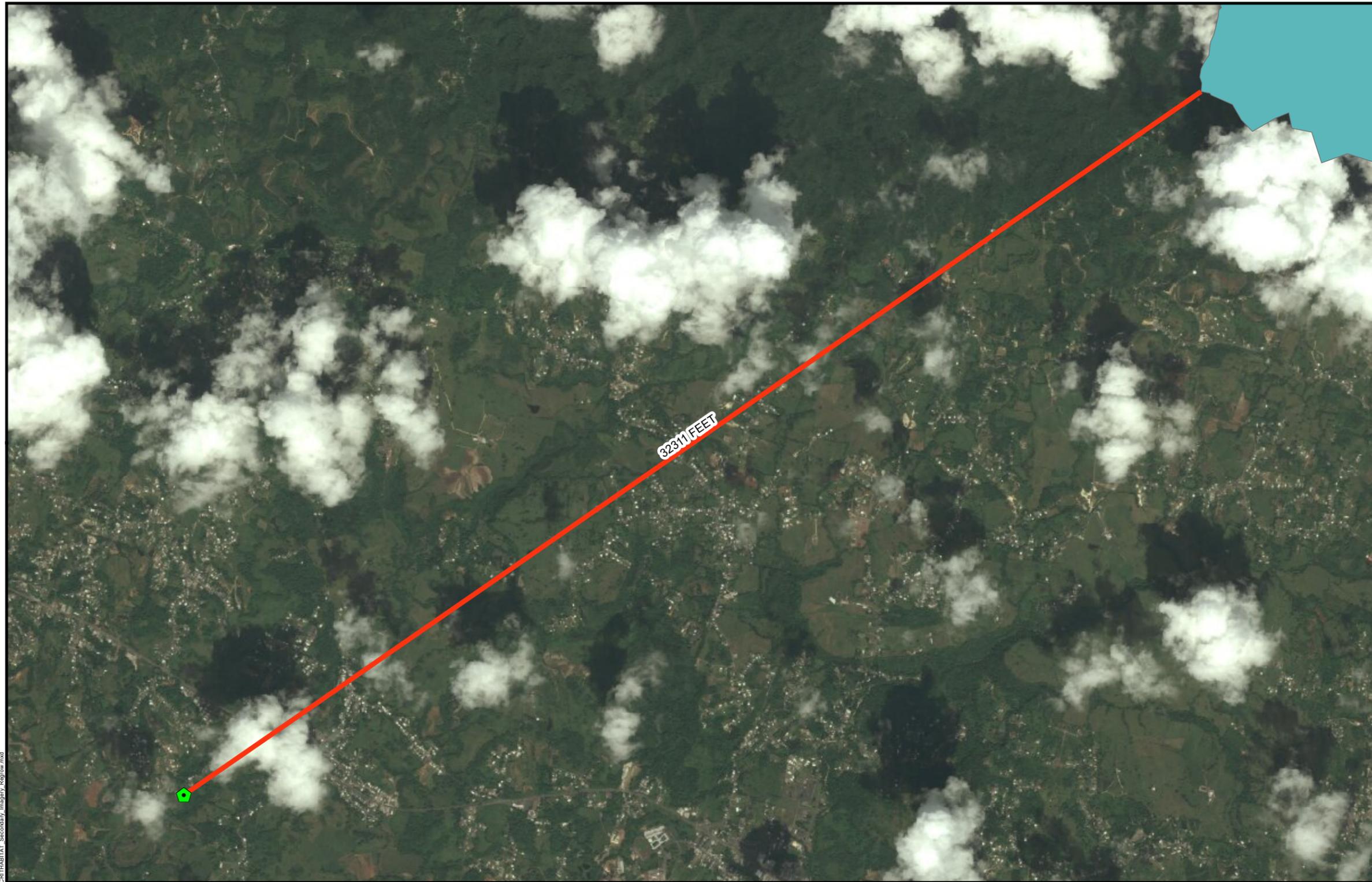
Source: U.S. FISH & WILDLIFE SERVICE
<https://ecos.fws.gov>

Author: TG

Date: 6/1/2023



THE PAK, MICROGRA, HODIPACRES, AND OTHERS ARE TRADEMARKS OF TETRA TECH, INC. © 2023 TETRA TECH, INC. ALL RIGHTS RESERVED.



Legend

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

Distance to Nearest Critical Habitat in Feet: 32311 FEET

PUERTO RICO

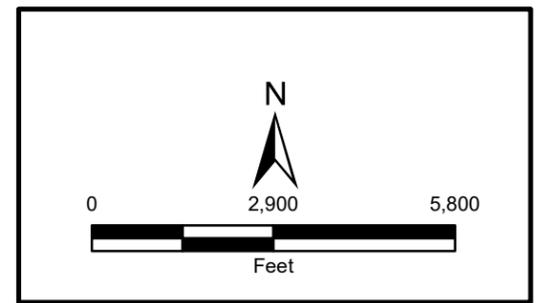


Figure 11: CRITICAL HABITATS
APPLICANT ID: PR-RGRW-01871

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

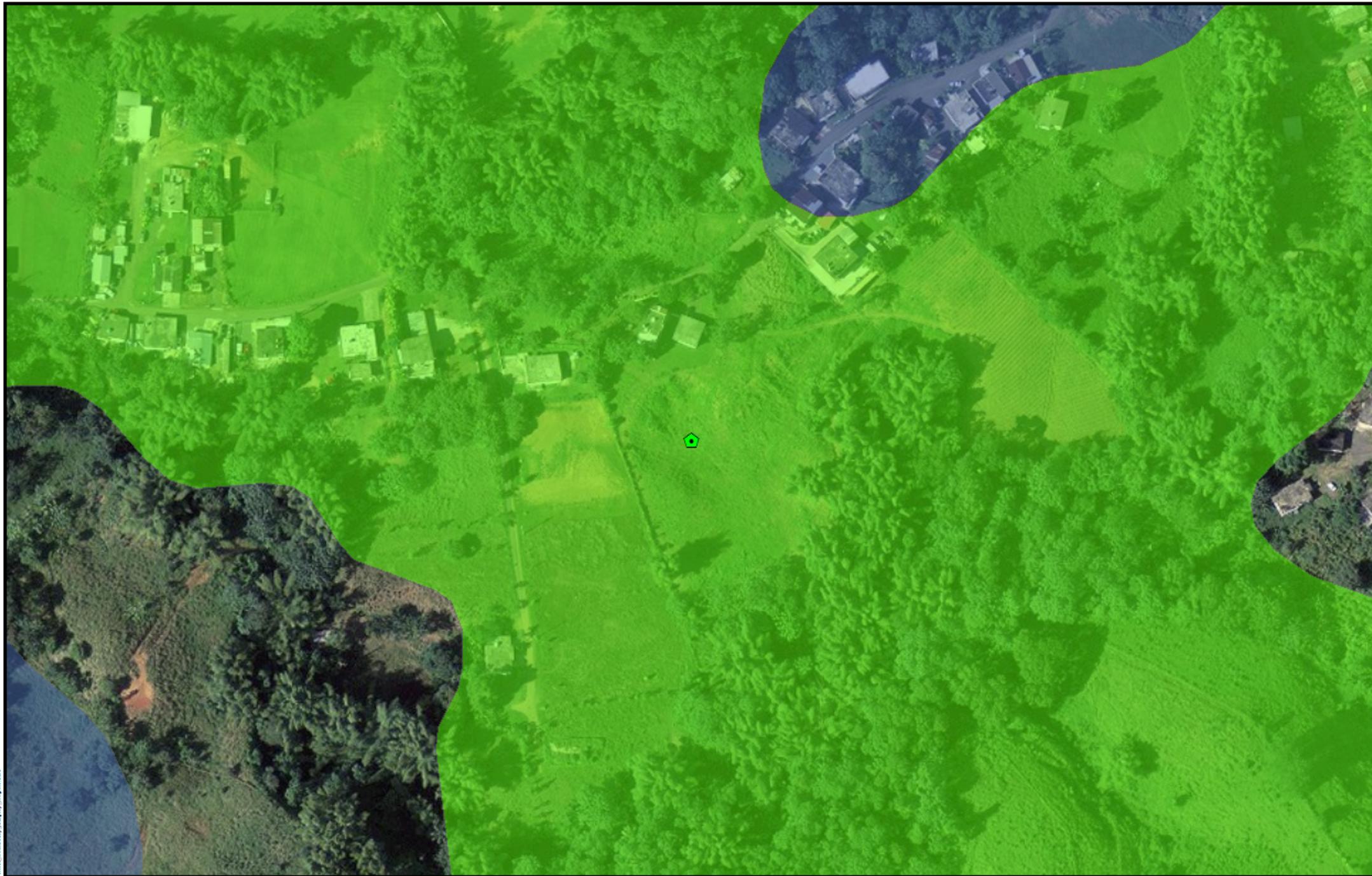
Parcel Coordinates: 18.35263, -67.04471



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

Author: TG Date: 6/1/2023

File Path: \\nas202\gis\GIS\CDR\PR\Acc\Shane\TDR\Map\USPRT\Fig\CRITICALHABITAT_Secondary_Imagery_Export.mxd



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

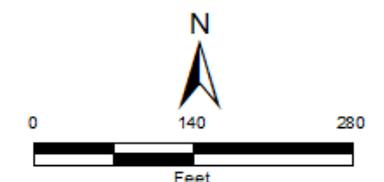


**Figure 12: FARMLAND PROTECTION
APPLICANT ID: PR-RGRW-01871**

ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685
 Name of Development: Jose Cruz Acevedo
 Parcel Coordinates: 18.35263, -67.04471



Source: USDA
<https://websoilsurvey.sc.egov.usda.gov>
 Author: TG Date: 6/1/2023





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

PUERTO RICO



**Figure 16: SLOPE AND EROSION
APPLICANT ID: PR-RGRW-01871**

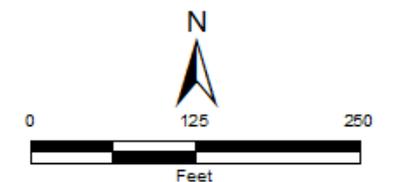
ADDRESS: Carr 111 km 13.2 Interior Bo Hato Arriba, San Sebastian, PR 00685

Name of Development: Jose Cruz Acevedo

Parcel Coordinates: 18.35263, -67.04471



Source: PRDOH
<http://s://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=10506ec07f15491daee17647f19248ee>
 Author: TG Date: 6/1/2023



APPENDIX C

Additional Information



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Puerto Rico Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

Puerto Rico Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

Data is current as of April 30, 2023

Listed by State, County, NAAQS (W=Whole County,P=Partial County designated nonattainment as of report date)
 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 \(PDF\)](#)

PUERTO RICO		92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
County	NAAQS																																		
Arecibo Municipio	Lead (2008)																					P	P	P	P	P	P	P	P	P	P	P	P		
Bayamon Co	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
Catano Co	Sulfur Dioxide (2010)																												W	W	W	W	W	W	
Guaynabo Co	PM-10 (1987)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P															
Guaynabo Co	Sulfur Dioxide (2010)																													P	P	P	P	P	P
Salinas Municipio	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
San Juan Municipio	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
Toa Baja Co	Sulfur Dioxide (2010)																												P	P	P	P	P	P	

Important Notes

Discover.

Connect.

Ask.

Follow.

2023-04-30

Detailed Facility Report



Detailed Facility Report

Facility Summary

DEPT OF ED - MAXIMINO SALAS

PR-111 KM 30 BO JUNCAL, SAN SEBASTIAN, PR 00685

FRS (Facility Registry Service) ID: 110009436039

EPA Region: 02

Latitude: 18.358413

Longitude: -67.040432

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, (PR0000012641)

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)
[Known Data Problems](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<u>110009436039</u>					N	18.358413	-67.040432
RCRAInfo	RCRA	PR0000012641	Other	Inactive ()			N	18.358413	-67.040432

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<u>110009436039</u>	DEPT OF ED - MAXIMINO SALAS	PR-111 KM 30 BO JUNCAL, SAN SEBASTIAN, PR 00685	San Sebasti+ín Municipio
RCRAInfo	RCRA	PR0000012641	DEPT OF ED - MAXIMINO SALAS	CARR 111 KM 30 - BARRIO JUNCAL, SAN SEBASTIAN, PR 00755	San Sebasti+ín Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
--------	------------	----------	-----------------

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
--------	------------	------------	-------------------

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
------------------	------------	---------------	---------------------------

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years ▾

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
---------	-----------	--------	---------------	----------------------------	-------------	------	-------------------------

No data records returned

Entries in italics are not 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	PR0000012641	No	06/10/2023	0	06/09/2023

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: PR0000012641)	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	04/01-06/30/23
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions Last 5 Years ▾

Statute	System	Source ID	Type of Action	Lead Agency	Date
---------	--------	-----------	----------------	-------------	------

No data records returned

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

Formal Enforcement Actions

Last 5 Years ▼

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released 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

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

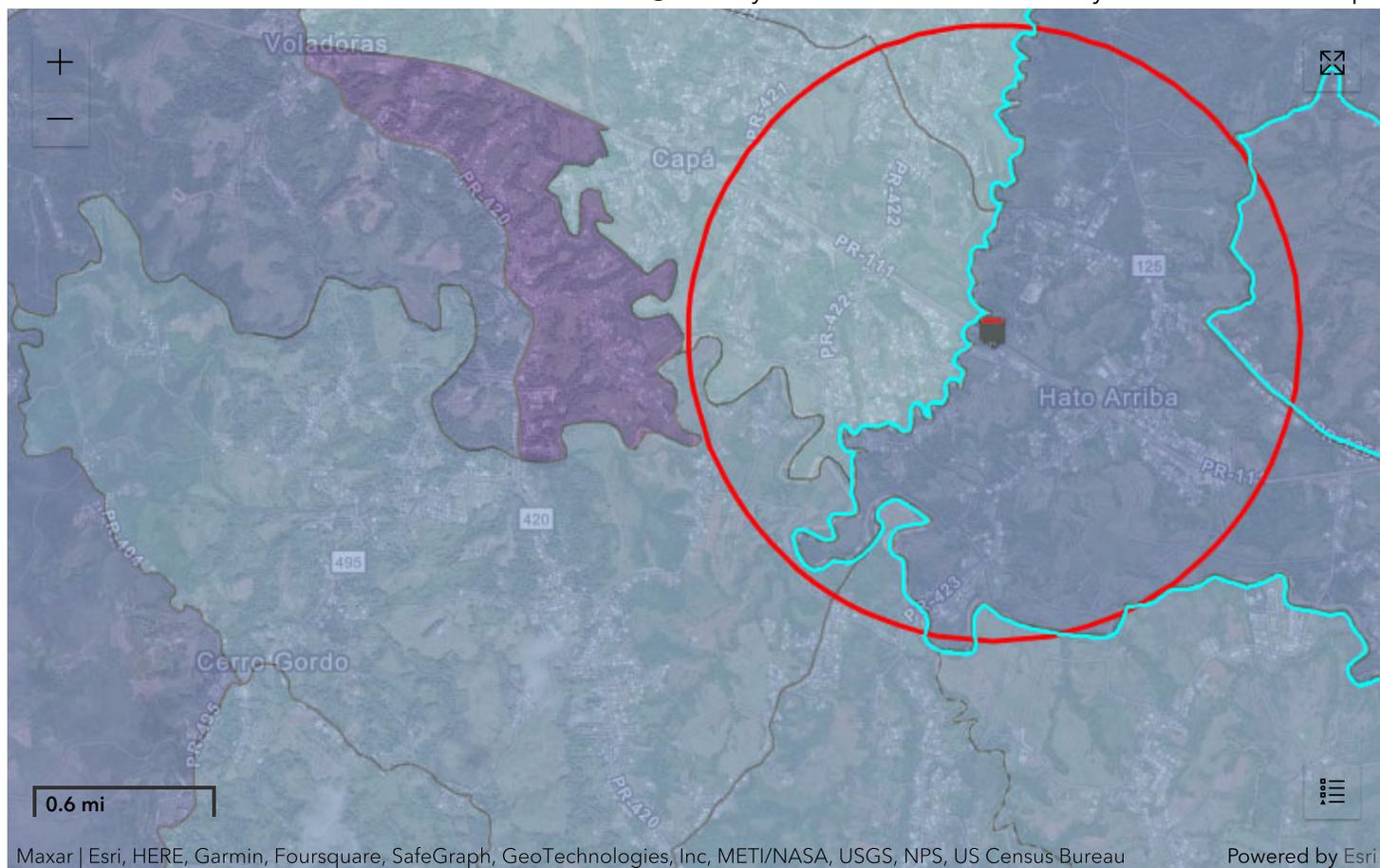
Related Reports

[EJScreen Report](#)

Download Data

Census Block Group ID: 721319587002	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	6	6
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	5
Air Toxics Cancer Risk	86	87
Air Toxics Respiratory Hazard Index	57	58
Traffic Proximity	94	94
Lead Paint	86	96
Risk Management Plan (RMP) Facility Proximity	98	99
Hazardous Waste Proximity	61	76
Superfund Proximity	89	92
Underground Storage Tanks (UST)	0	88
Wastewater Discharge	97	97

Facility 1-mile Radius Facility Census Block Group



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)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	3,404	Children 5 years and younger	226 (7%)

General Statistics (U.S. Census)	
Population Density	1,104/sq.mi.
Housing Units in Area	1,384
General Statistics (ACS (American Community Survey))	
Total Persons	2,354
Percent People of Color	99%
Households in Area	900
Households on Public Assistance	46
Persons With Low Income	1,763
Percent With Low Income	75%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.358413
Center Longitude	-67.040432
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	317 (35.3%)
\$15,000 - \$25,000	260 (28.95%)
\$25,000 - \$50,000	165 (18.37%)
\$50,000 - \$75,000	101 (11.25%)
Greater than \$75,000	55 (6.12%)

Age Breakdown (U.S. Census) - Persons (%)	
Minors 17 years and younger	918 (27%)
Adults 18 years and older	2,486 (73%)
Seniors 65 years and older	440 (13%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,090 (91%)
African-American	110 (3%)
Hispanic-Origin	3,385 (99%)
Asian/Pacific Islander	0 (0%)
American Indian	6 (0%)
Other/Multiracial	198 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	220 (12.24%)
9th through 12th Grade	209 (11.62%)
High School Diploma	510 (28.36%)
Some College/2-year	122 (6.79%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	539 (29.98%)

LAST UPDATED ON SEPTEMBER 21, 2022

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Detailed Facility Report



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-332

CARR 111 INT 119 BO CALABAZAS, SAN SEBASTIAN, PR 00685 

FRS (Facility Registry Service) ID: 110004892509

EPA Region: 02

Latitude: 18.358413

Longitude: -67.040432

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): Active VSQG,
(PRR000003376)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004892509					N	18.358413	-67.040432
ICIS		600007523					N	18.3325	-66.986667
RCRAInfo	RCRA	PRR000003376	VSQG	Active (H)			N	18.358413	-67.040432

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892509	ESSO STANDARD OIL CO - PR CO-332	CARR 111 INT 119 BO CALABAZAS, SAN SEBASTIAN, PR 00685	San Sebastián Municipio
ICIS		600007523	ESSO CO-332	CARR. 111 INT. 119, SAN SEBASTIAN, PR 00685	San Sebastián Municipio
RCRAInfo	RCRA	PRR000003376	ESSO STANDARD OIL CO - PR CO-332	CARR 111 INT 119 BO CALABAZAS, SAN SEBASTIAN, PR 00685	San Sebastián Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not 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	PRR000003376	No	10/28/2023	0	10/27/2023

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: PRR000003376)		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	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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

State 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 SEPA Value Comp. Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID Description

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Facility 1-mile Radius Facility Census Block Group

Download Data

Census Block Group ID: 721319587002 US (Percentile)

Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	5
Particulate Matter 2.5	-	-
Ozone	-	-



Supplemental Indexes	US (Percentile)	
	Facility Census Block Group	1-mile Max
Diesel Particulate Matter	0	10
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	38	38
Toxic Releases to Air	99	99
Traffic Proximity	88	88
Lead Paint	91	98
Risk Management Plan (RMP) Facility Proximity	71	78
Hazardous Waste Proximity	62	76
Superfund Proximity	90	92
Underground Storage Tanks (UST)	0	89
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	3,404	Children 5 years and younger	226 (7%)
Population Density	1,104/sq.mi.	Minors 17 years and younger	918 (27%)
Housing Units in Area	1,384	Adults 18 years and older	2,486 (73%)
		Seniors 65 years and older	440 (13%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,334	White	3,090 (91%)
Percent People of Color	98%	African-American	110 (3%)
Households in Area	880	Hispanic-Origin	3,385 (99%)
Households on Public Assistance	30	Asian/Pacific Islander	0 (0%)
Persons With Low Income	1,622	American Indian	6 (0%)
Percent With Low Income	69%	Other/Multiracial	198 (6%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	184 (10.4%)
Center Latitude	18.358413	9th through 12th Grade	238 (13.45%)
Center Longitude	-67.040432	High School Diploma	489 (27.63%)
Land Area	100%	Some College/2-year	86 (4.86%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	564 (31.86%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	376 (42.82%)		
\$15,000 - \$25,000	176 (20.05%)		
\$25,000 - \$50,000	162 (18.45%)		
\$50,000 - \$75,000	108 (12.3%)		
Greater than \$75,000	56 (6.38%)		



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Detailed Facility Report



Detailed Facility Report

Facility Summary

ESSO-486

CARR 111 INT 446 BO ROBLE, SAN SEBASTIAN, PR 00685 

FRS (Facility Registry Service) ID: 110004893152

EPA Region: 02

Latitude: 18.358413

Longitude: -67.040432

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG,
(PRR000006627)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004893152					N	18.358413	-67.040432
ICIS		600007532					N	18.346389	-66.998056
RCRAInfo	RCRA	PRR000006627	VSQG	Active (H)			N	18.358413	-67.040432

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893152	ESSO-486	CARR 111 INT 446 BO ROBLE, SAN SEBASTIAN, PR 00685	San Sebastián Municipio
ICIS		600007532	ESSO-486	CARR. 111 INT. 446 BO. ROBLE, SAN SEBASTIAN, PR 00685	San Sebastián Municipio
RCRAInfo	RCRA	PRR000006627	ESSO STANDARD OIL CO - PR DO-486	CARR 111 INT 446 BO ROBLE, SAN SEBASTIAN, PR 00685	San Sebastián Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

Entries in italics are not 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	PRR000006627	No	10/28/2023	0	10/27/2023

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: PRR000006627)		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	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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

State 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 SEI Value Comp. Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID

↓

Description

↓

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State
Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Facility 1-mile Radius Facility Census Block Group

Download Data

Census Block Group ID: 721319587002

US (Percentile)

Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	5
Particulate Matter 2.5	-	-
Ozone	-	-

+
-

☒

Supplemental Indexes	US (Percentile)	
	Facility Census Block Group	1-mile Max
Diesel Particulate Matter	0	10
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	38	38
Toxic Releases to Air	99	99
Traffic Proximity	88	88
Lead Paint	91	98
Risk Management Plan (RMP) Facility Proximity	71	78
Hazardous Waste Proximity	62	76
Superfund Proximity	90	92
Underground Storage Tanks (UST)	0	89
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	3,404
Population Density	1,104/sq.mi.
Housing Units in Area	1,384

General Statistics (ACS (American Community Survey))	
Total Persons	2,334
Percent People of Color	98%
Households in Area	880
Households on Public Assistance	30
Persons With Low Income	1,622
Percent With Low Income	69%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.358413
Center Longitude	-67.040432
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	376 (42.82%)
\$15,000 - \$25,000	176 (20.05%)
\$25,000 - \$50,000	162 (18.45%)
\$50,000 - \$75,000	108 (12.3%)
Greater than \$75,000	56 (6.38%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	226 (7%)
Minors 17 years and younger	918 (27%)
Adults 18 years and older	2,486 (73%)
Seniors 65 years and older	440 (13%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,090 (91%)
African-American	110 (3%)
Hispanic-Origin	3,385 (99%)
Asian/Pacific Islander	0 (0%)
American Indian	6 (0%)
Other/Multiracial	198 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	184 (10.4%)
9th through 12th Grade	238 (13.45%)
High School Diploma	489 (27.63%)
Some College/2-year	86 (4.86%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	564 (31.86%)



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Detailed Facility Report



Detailed Facility Report

Facility Summary

IMPROVEMENT TO PR-111 FROM KM 10.0 TO KKM 20.0
MOCA-SAN SEBASTIAN

PR-111 FORM KM 10.0 TO KM 20.0, MOCA, PR 00676 ⓘ

FRS (Facility Registry Service) ID: 110071310489

EPA Region: 02

Latitude: 18.3587

Longitude: -67.0415

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (PRR1000EW)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statu	Identifier	Universe	Statu	Areas	Permit Expiration Date	Indian Country	Latitud	Longitud
FRS		110071310489					N	18.3587	-67.0415
ICIS-NPDES	CWA	PRR1000EW	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.3587	-67.0415

Facility Address

System	Statu	Identifier	Facility Name	Facility Address	Facility County
FRS		110071310489	IMPROVEMENT TO PR-111 FROM KM 10.0 TO KKM 20.0 MOCA-SAN SEBASTIAN	PR-111 FORM KM 10.0 TO KM 20.0, MOCA, PR 00676	Moca Municipio
ICIS-NPDES	CWA	PRR1000EW	IMPROVEMENT TO PR-111 FROM KM 10.0 TO KKM 20.0 MOCA-SAN SEBASTIAN	PR-111 FORM KM 10.0 TO KM 20.0, MOCA, PR 00676	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
			No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
			No data records returned

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not 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
CWA	PRR1000EW	No	06/30/2023	0	10/27/2023

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	QTR 13+
	CWA (Source ID: PRR1000EW)	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	04/01-06/30/23	07/01-10/27/23
	Facility-Level Status	No Violation Identified	Undetermined											
	Quarterly Noncompliance Report History													

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years

State	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	SEA Value	Comp Action Cost
No data records returned															

Environmental Conditions

Watersheds ▲

12-Digit WBD (Watershed Boundary Dataset) HUC (Reach Address Database)	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100030105	Quebrada El Salto	DEL ORO CREEK, EL SALTO CREEK, LAS DAMAS CREEK	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRWQ95G	QUEBRADA EL SALTO	Impaired - 303(d) Listed - With Restoration Plan	ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS	Insufficient Information	Not Supporting	-	Not Supporting	-

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721319587002	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	-	-
Ozone	-	-

Facility 1-mile Radius Facility Census Block Group



Supplemental Indexes	US (Percentile)	
	Facility Census Block Group	1-mile Max
Diesel Particulate Matter	0	10
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	38	38
Toxic Releases to Air	99	99
Traffic Proximity	88	88
Lead Paint	91	98
Risk Management Plan (RMP) Facility Proximity	71	78
Hazardous Waste Proximity	62	76
Superfund Proximity	90	92
Underground Storage Tanks (UST)	0	98
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	3,611	Children 5 years and younger	246 (7%)
Population Density	1,139/sq.mi.	Minors 17 years and younger	981 (27%)
Housing Units in Area	1,462	Adults 18 years and older	2,630 (73%)
		Seniors 65 years and older	456 (13%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,416	White	3,283 (91%)
Percent People of Color	99%	African-American	119 (3%)
Households in Area	906	Hispanic-Origin	3,592 (99%)
Households on Public Assistance	29	Asian/Pacific Islander	0 (0%)
Persons With Low Income	1,670	American Indian	6 (0%)
Percent With Low Income	69%	Other/Multiracial	204 (6%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	187 (10.27%)
Center Latitude	18.3587	9th through 12th Grade	236 (12.96%)
Center Longitude	-67.0415	High School Diploma	517 (28.39%)
Land Area	100%	Some College/2-year	94 (5.16%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	573 (31.47%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	384 (42.38%)		
\$15,000 - \$25,000	179 (19.76%)		
\$25,000 - \$50,000	173 (19.09%)		
\$50,000 - \$75,000	109 (12.03%)		
Greater than \$75,000	61 (6.73%)		



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Detailed Facility Report



Detailed Facility Report

Facility Summary

IMPROVEMENT TO STAE ROAD 111, KM. 10 TO KM. 20,
MOCA - SAN SEBASTIAN

STATE ROAD 111 KM. 10 TO KM. 20, MOCA - SAN
SEBASTIAN, PR 00676 

FRS (Facility Registry Service) ID: 110070818658

EPA Region: 02

Latitude: 18.3587

Longitude: -67.0415

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (PRR10009W)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statu	Identifier	Universe	Statu	Areas	Permit Expiration Date	Indian Country	Latitud	Longitud
FRS		110070818658					N	18.3587	-67.0415
ICIS-NPDES	CWA	PRR10009W	Non-Major: General Permit Covered Facility	Effective	Construction Stormwater	02/16/2027	N	18.3587	-67.0415

Facility Address

System	Statu	Identifier	Facility Name	Facility Address	Facility Count
FRS		110070818658	IMPROVEMENT TO STAE ROAD 111, KM. 10 TO KM. 20, MOCA - SAN SEBASTIAN	STATE ROAD 111 KM. 10 TO KM. 20, MOCA - SAN SEBASTIAN, PR 00676	Moca Municipio
ICIS-NPDES	CWA	PRR10009W	IMPROVEMENT TO STAE ROAD 111, KM. 10 TO KM. 20, MOCA - SAN SEBASTIAN	STATE ROAD 111 KM. 10 TO KM. 20, MOCA - SAN SEBASTIAN, PR 00676	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
			No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
			No data records returned

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not 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
CWA	PRR10009W	No	06/30/2023	0	10/27/2023

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	QTR 13+
	CWA (Source ID: PRR10009W)	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	04/01-06/30/23	07/01-10/27/23
	Facility-Level Status	No Violation Identified	Undetermined											
	Quarterly Noncompliance Report History													

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions Last 5 Years

State	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	SEA Value	Comp. Action Cost
No data records returned															

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (Reach Address Database)	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100030105	Quebrada El Salto	QUEBRADA DE LAS DAMAS, QUEBRADA DE ORO, QUEBRADA EL SALTO	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRWQ95G	QUEBRADA EL SALTO	Impaired - 303(d) Listed - With Restoration Plan	ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS	Insufficient Information	Not Supporting	-	Not Supporting	-

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721319587002 US (Percentile)

Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	-	-

Facility 1-mile Radius Facility Census Block Group



Supplemental Indexes	US (Percentile)	
	Facility Census Block Group	1-mile Max
Ozone	—	—
Diesel Particulate Matter	0	10
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	38	38
Toxic Releases to Air	99	99
Traffic Proximity	88	88
Lead Paint	91	98
Risk Management Plan (RMP) Facility Proximity	71	78
Hazardous Waste Proximity	62	76
Superfund Proximity	90	92
Underground Storage Tanks (UST)	0	98
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/df-data-dictionary#demographic>>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	3,611	Children 5 years and younger	246 (7%)
Population Density	1,139/sq.mi.	Minors 17 years and younger	981 (27%)
Housing Units in Area	1,462	Adults 18 years and older	2,630 (73%)
		Seniors 65 years and older	456 (13%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,416	White	3,283 (91%)
Percent People of Color	99%	African-American	119 (3%)
Households in Area	906	Hispanic-Origin	3,592 (99%)
Households on Public Assistance	29	Asian/Pacific Islander	0 (0%)
Persons With Low Income	1,670	American Indian	6 (0%)
Percent With Low Income	69%	Other/Multiracial	204 (6%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	187 (10.27%)
Center Latitude	18.3587	9th through 12th Grade	236 (12.96%)
Center Longitude	-67.0415	High School Diploma	517 (28.39%)
Land Area	100%	Some College/2-year	94 (5.16%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	573 (31.47%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	384 (42.38%)		
\$15,000 - \$25,000	179 (19.76%)		
\$25,000 - \$50,000	173 (19.09%)		
\$50,000 - \$75,000	109 (12.03%)		
Greater than \$75,000	61 (6.73%)		



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APPENDIX D

IPaC Report

Date: August 14, 2023

Applicant ID: PR-RGRW-01871

Street Address: Carr. 111 Km 13.2 interior, Barrio Hato Arriba

Municipality: San Sebastian

Subject – Endangered Species No Effect Determination for PR-RGRW-01871

Tetra Tech has conducted a site-specific review of endangered species in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*) for the proposed project located at Carr. 111 Km 13.2 interior, Barrio Hato Arriba, in the Municipality of San Sebastian, Puerto Rico (Parcel ID# 099-063-376-08).

The proposed project is for the purchase and installation of a greenhouse, including placing underground PVC pipes to connect to existing utilities. The proposed project area is approximately 0.5 acres located on previously cleared land. Currently, the land has two greenhouses used to grow coriander, as well as a residence on the property. Current ariel imagery shows that the plot is a cleared field and site inspection photos indicate an open field with some tall grasses, and large trees located outside of the proposed project area.

The footprint of the greenhouse will measure 100 feet by 35 feet, covering 2000 square feet, located on previously cleared land at 18.352490, -67.044790. Surrounding landscape includes open grass fields to the west and southwest, residential buildings to the north, and forests to the south and east, all outside the proposed project area. No trees are located within the proposed project area. A cluster of bamboo is located near the existing greenhouses, but not within the proposed project area, and will not be cleared.

The National Wetlands Inventory indicated that no wetlands are located within the proposed project area (Figure 14). Site photos indicate an area of standing water within the proposed project area, the landscape indicates that rainwater runoff could collect within this low-lying area, but no hydrologic indicators are present. Additionally, Web Soil Survey indicates that no hydric soils are present within the proposed project area.

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

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

No Critical Habitats were noted within the project area (Figure 10). Based on site review and site photos, no suitable habitat was found within the proposed project area for the Puerto Rican Boa. Upon review of iNaturalist.org, no sightings of the Puerto Rican Boa have been recorded within 5 miles of the proposed project area. Based on the nature of the project, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, we have made the following effects determinations:

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

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

If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.

Attachments:

IPaC Resource List

Shelby McDowell



B.S. Biologist, Tetra Tech

IPaC resource list

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

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

Location

San Sebastián County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (787) 834-1600

📠 (787) 851-7440

✉ CARIBBEAN_ES@FWS.GOV

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

Critical habitats

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

There are no critical habitats at this location.

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

Bald & Golden Eagles

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

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

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

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

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

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

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

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

What if I have eagles on my list?

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

Migratory birds

Certain birds are protected under the Migratory Bird Treaty 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>

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

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

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

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

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

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

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

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

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

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

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

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

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

What are the levels of concern for migratory birds?

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

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

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

Details about birds that are potentially affected by offshore projects

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

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

What if I have eagles on my list?

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

Proper Interpretation and Use of Your Migratory Bird Report

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

Facilities

National Wildlife Refuge lands

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

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

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

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

This location did not intersect any wetlands mapped by NWI.

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

Data limitations

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

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

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

Data exclusions

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

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies.

Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

APPENDIX E

Section 106 Consultation



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

August 18, 2023

Lauren Bair Poche

HORNE

10000 Perkins Rowe, Suite 610, Bldg G

Baton Rouge, LA 70810

SHPO 08-11-23-06 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-01871- JOSÉ CRUZ ACEVEDO – CARR. 111, KM 13.2 INT., BO. HATO
ARRIBA, SAN SEBASTIÁN, PUERTO RICO

Dear Ms. Bair,

Our Office has received and reviewed the above referenced project in accordance with 54 U.S.C. 306108 (commonly known as Section 106 of the *National Historic Preservation Act*) and 36 CFR Part 800: *Protection of Historic Properties*.

Our records support your finding of **no historic properties affected** for this undertaking.

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MB



August 14, 2023

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-01871 – Jose Cruz Acevedo – Carr. 111 Km. 13.2 Int., Bo. Hato Arriba, San Sebastián, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

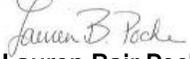
In accordance with Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR Part 800, HORNE is providing information for your review and requesting your concurrence regarding the above-referenced projects on behalf of the Puerto Rico Department of Housing (PRDOH). On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (Housing) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents.

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, we are submitting documentation for activities proposed by Jose Cruz Acevedo at the property located at Carr. 111 Km. 13.2 Int. in Bo. Hato Arriba in the municipality of San Sebastián. The proposed activities consist of the purchase and installation of a new greenhouse. Previously, the land was an empty lot. The field is currently not graded. The new greenhouse that the landowner plans to install will also be used for growing coriander as well. The proposed scope of work includes connection to existing utilities at the garage/storage building which is located to the east of the residence on the property. The new greenhouse installation will be achieved with leveled earth soil. The applicant is going to connect the greenhouse to pre-existing power and water meter at a garage/storage building located north of the proposed greenhouse location.

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

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

Kindest regards,



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		
Applicant: Jose Cruz Acevedo		
Case ID: PR-RGRW-01871	City: San Sebastián	

Project Location: Carr 111 km 13.2 Interior Bo Hato Arriba	
Project Coordinates: 18.352630, -67.044710	
TPID (Número de Catastro): 099-063-376-08-998	
Type of Undertaking:	
<input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): c1970	Property Size (acres): 8.08 acres

SOI-Qualified Architect/Architectural Historian: Maria F. Lopez Schmid
Date Reviewed: 08/02/2023
SOI-Qualified Archaeologist: Roberto G. Muñoz-Pando, PhD
Date Reviewed: 08/02/2023

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 owner is looking to buy and install a new greenhouse. There are currently two greenhouses on the property for growing coriander. Previously, the land was an empty lot. The field is currently not graded. The new greenhouse that the landowner plans to install will also be used for growing coriander as well. The proposed scope of work includes connection to existing utilities at the garage/storage building which is located to the east of the residence on the property.

Scope of Work 1 is located in 18.352490, -67.044790. The new greenhouse installation will be achieved with leveled earth soil. Measurements are 100 feet by 35 feet which equals 2000 square feet. The applicant is going to connect the greenhouse to pre-existing power and water meter at a garage/storage building located north of the proposed greenhouse location. Electric power is going to go underground with PVC pipes at 3 feet of depth and water is going to go a 1 foot of depth. Each line will run approximately 200 linear feet from the greenhouse at 18.352490,-67.044790, to the existing utility connections on the north and west sides of the building.

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Applicant: Jose Cruz Acevedo	
Case ID: PR-RGRW-01871	City: San Sebastián

and scope of the Undertaking, the Program has determined that the direct APE for this project is the area where the new greenhouse will be installed. The coordinates for the scope of work 1 are 18.352490, -67.044790 and the visual APE is the viewshed of the proposed project plus a 15-meter buffer from the project area. This APE has been extended north to allow for connection to the exiting utilities at the garage/storage room.

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 previously identified archaeological sites or cultural resource studies within a 0.5-mile radius of the APE. The soil in the APE is MUD2 Moca clay with a 12 to 20 percent slope which makes the probability for intact archaeological deposits to be found in the APE moderate to low.

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is **not** within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District. Additionally, there are **no** NRHP-listed historic properties within the quarter mile buffer zone from the APE.

The proposed project is located in a rural, mountainous terrain with residential buildings along Sector Campo Alegre Road. Crop lands are located to the south of the property. The property lies south of Sector Campo Alegre Road in the town of San Sebastián, very near the limit with the town of Moca to the North. A circa 1970 building is located north of the APE geocoordinates. The building, shown below, appears on a 1975 aerial image, but not on a 1958 aerial image. The building is located to the north of geocoordinates. Per the scope of work, the residential structure will not be affected by the proposed project activities.

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián



Figures 1 & 2. Detail of 1975 aerial image and of 2023 Google Maps aerial image showing the building on the property.

This building (shown below) is a two-story reinforced concrete house with a flat concrete roof with a gable front roof with ceramic tiled roof. The house has a projecting front porch on the left side of the façade with ceramic tiled roof, supported by a decorative concrete column in the corner. This building **does not** meet the requirements to be eligible for listing on the National Register of Historic Places.

Additionally, a one-story garage and storage building (shown below) is located to the west of the house. The garage has a gabled concrete roof to the front and a standing seam metal roof structure supported by concrete columns to the rear. The estimated date of construction for the garage/storage building is ca. 2000 as the building is present on a 2004 aerial imagery, but is absent from 1993 imagery. These buildings are modern, **do not** meet the requirements to be eligible for listing on the National Register of Historic Places.



Figure 3. Image of the house on the property, view to the west.

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián



Figures 4 & 5. Images of the garage and storage building on the property, view to the south and to the North.

Determination

The following historic properties have been identified within the APE:

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

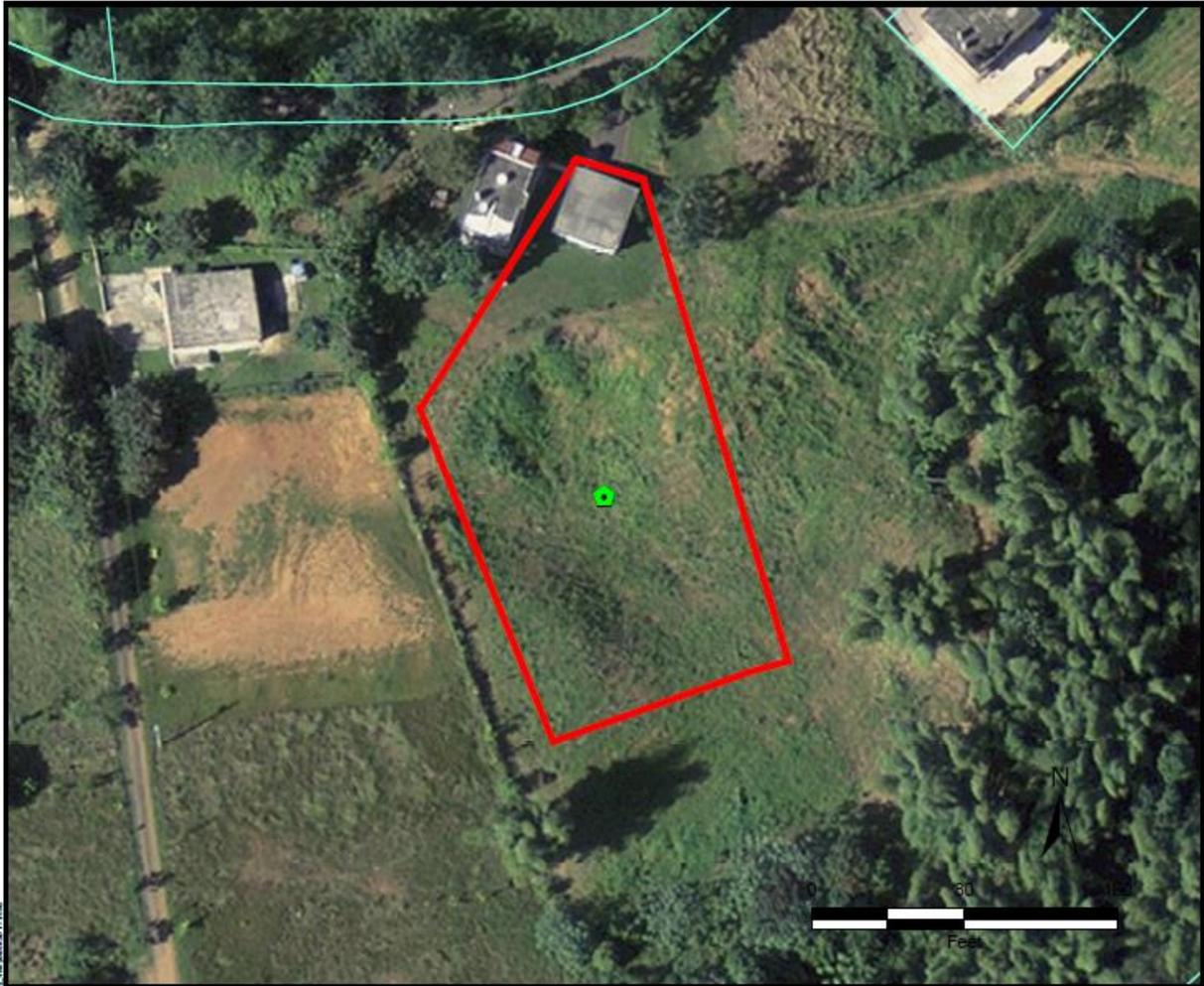
Based on the results of our historic property identification efforts, the Program has determined that the project area is not within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District. Additionally, there are no NRHP-listed historic properties or previously identified archaeological sites within or adjacent to the parcel containing the proposed project Area of Potential Effect, nor were any historic properties or archaeological sites identified within the 0.25-mile research area. The buildings located on the parcel do not meet the requirements to be eligible for listing on the National Register of Historic Places. The soil in the APE is MUD2 Moca clay with a 12 to 20 percent slope which makes the probability for intact archaeological deposits to be found in the APE moderate to low. No impact to historic properties is anticipated by the proposed project activities.

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

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



TETRA TECH

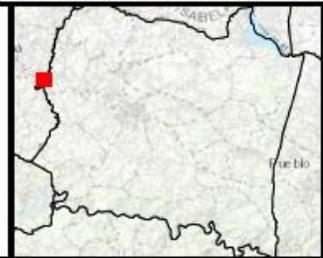
Source: CRIM

Author: TG

Date: 10/7/2022

Legend

-  Tier 2 Site
-  Area of Potential Effect
-  Parcelario

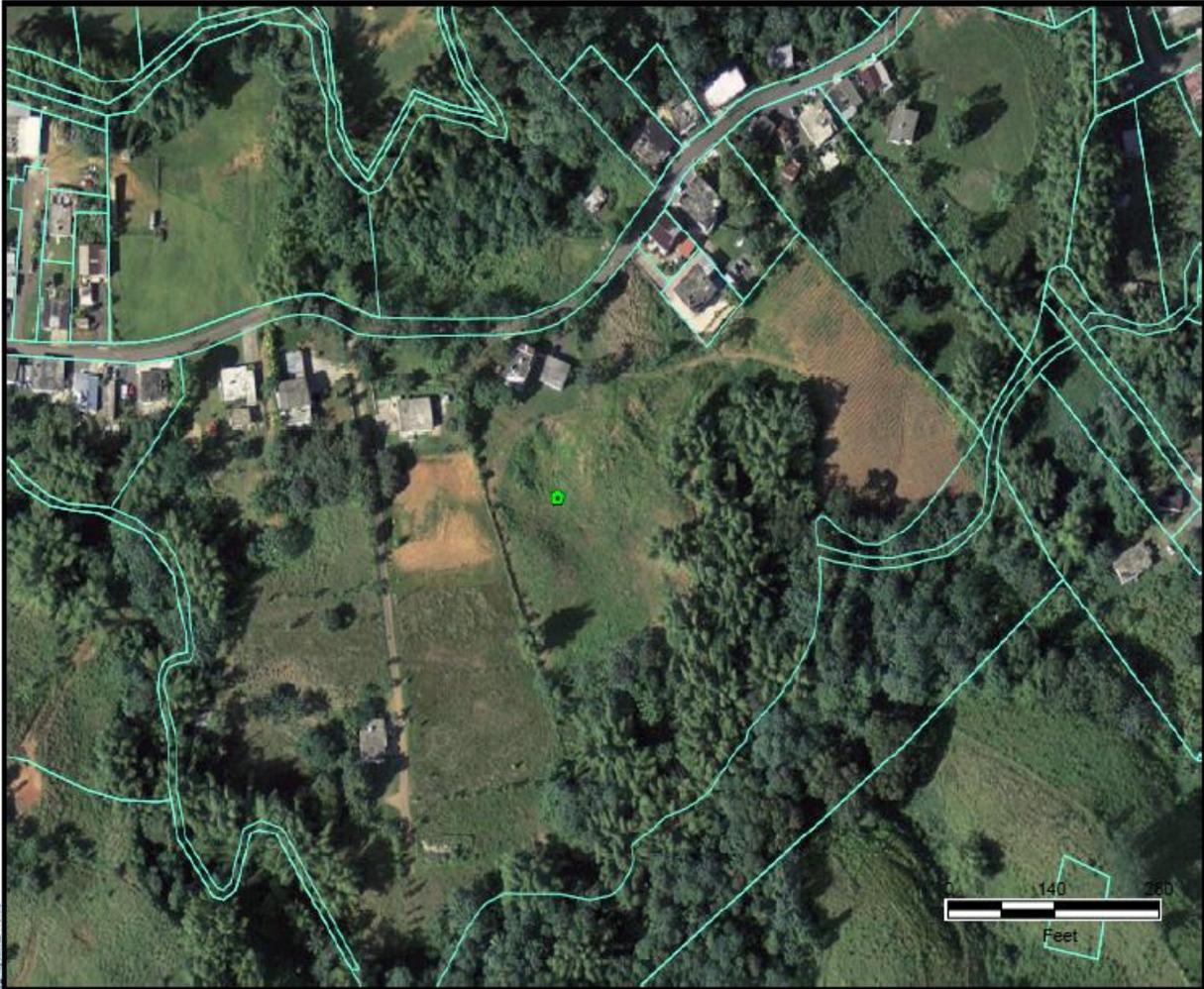


Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

Project (Parcel) Location - Aerial Map



Source: CRIM

Author: TG

Date: 10/7/2022

Legend

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



Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

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

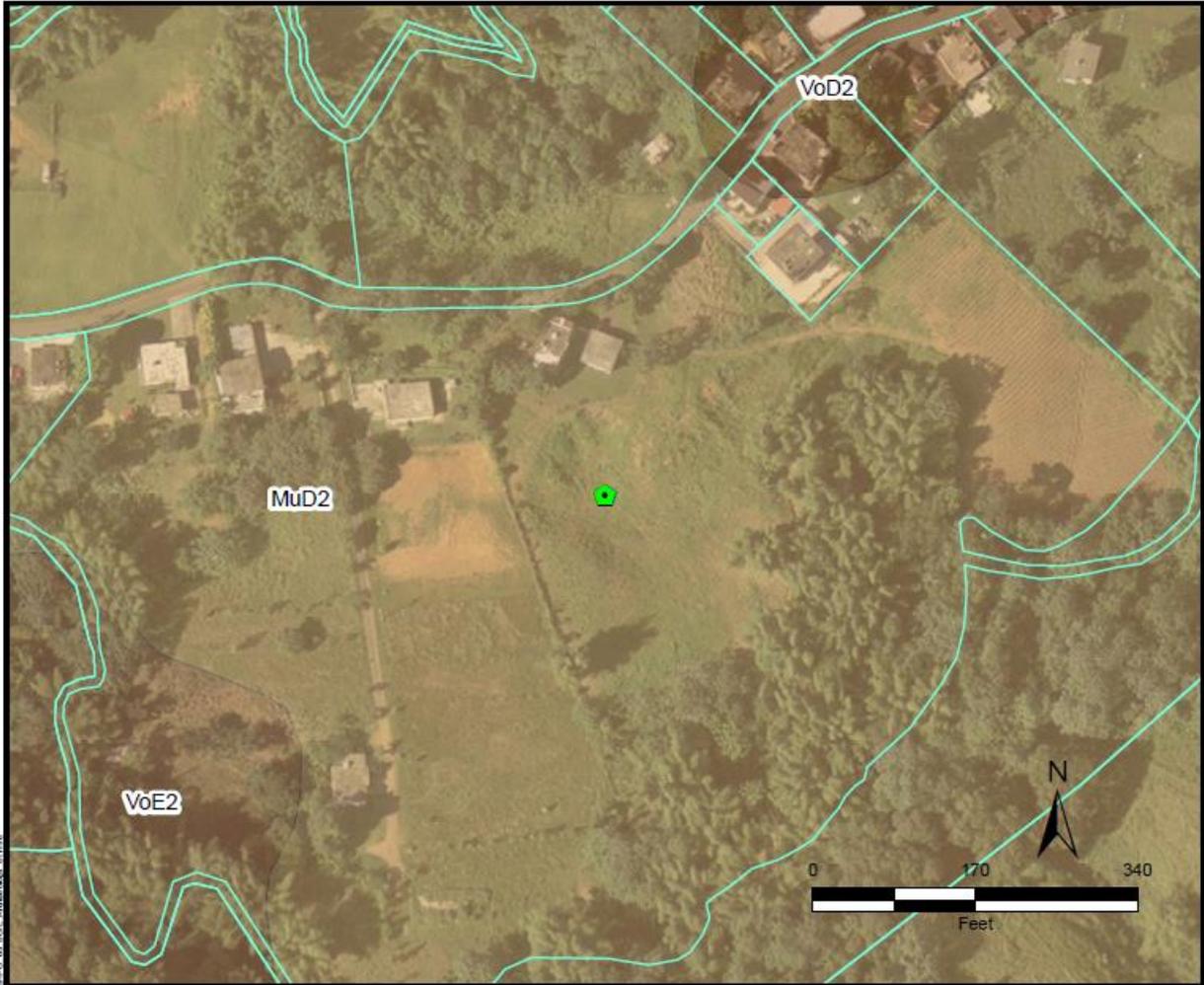


Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

Project (Parcel) Location – Soils Map



Source: USDA

Author: T.G

Date: 9/30/2022

Legend

-  Tier 2 Site
-  Parcelario
- Soil Type**
-  MuD2: Moca clay, 12 to 20 percent slopes, eroded
-  VoD2: Voladora silty clay, 12 to 20 percent slopes, eroded
-  VoE2: Voladora silty clay, 20 to 40 percent slopes, eroded

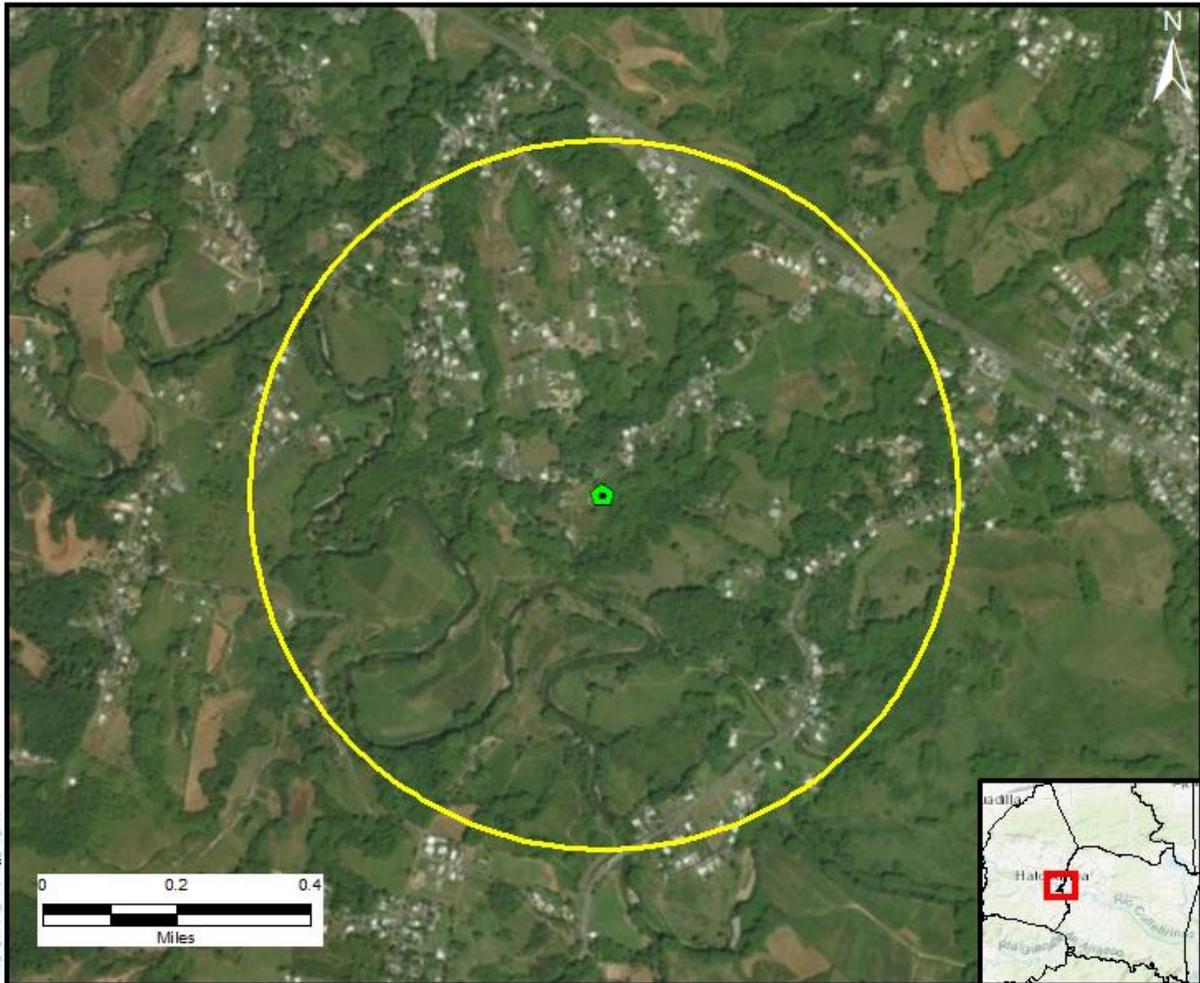


Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

Project (Parcel) Location with Previous Investigations - Aerial Map



Dr. Luis Muñoz Rivera University, Office of the Vice President for Academic Affairs, Office of the Registrar

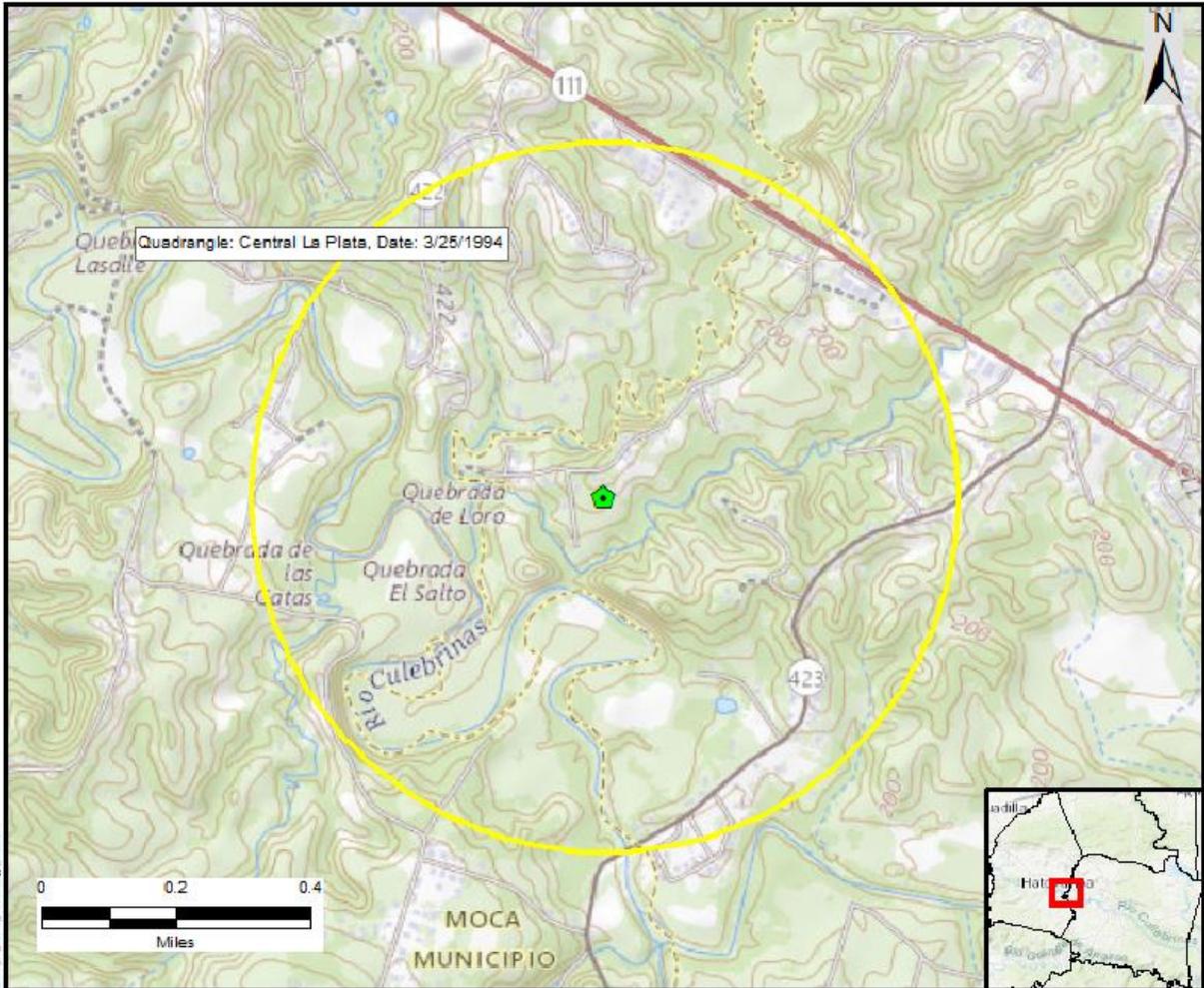
 TETRA TECH Source: National Park Service	Legend	
	 Tier 2 Site	 Cultural Resource District Polygon
	 Half Mile Buffer	
	 Historic Comunidades	
	 Traditional Urban Centers	
Author: TG	Date: 9/29/2022	

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

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



<p>TETRA TECH</p> <p>Source: National Park Service</p> <p>Author: TG Date: 9/29/2022</p>	<p>Legend</p> <ul style="list-style-type: none"> Tier 2 Site Half Mile Buffer Historic Comunidades Traditional Urban Centers Cultural Resource District Polygon
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Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián

Photograph Key



Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián



Photo #: 1

Description (include direction): View to the Southeast

Date: 5/24/2023

Scope Of Work: Installation of a greenhouse



Photo #: 2

Description (include direction): View to the South

Date: 5/24/2023

Scope Of Work: Installation of a greenhouse

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián



Photo #: 3

Description (include direction): View to the Southwest

Date: 5/24/2023

Scope Of Work: Installation of a greenhouse



Photo #: 4

Description (include direction): View to the East

Date: 5/24/2023

Scope Of Work: Installation of a greenhouse

Applicant: Jose Cruz Acevedo

Case ID: PR-RGRW-01871

City: San Sebastián



Photo #: 5

Description (include direction): View to the South

Date: 5/24/2023

Scope Of Work: Existing electricity connection



Photo #: 6

Description (include direction): View to the Southeast

Date: 5/24/2023

Scope Of Work: Existing water connection



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 blue ink handwritten signature, 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