

# **Environmental Assessment**

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

### **24 CFR Part 58**

#### **Project Information**

**Project ID:** PR-RGRW-01190

**Project Name:** AGROEDUC, INC.

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

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

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

**Preparer:** Gabriela Rodríguez

**Certifying Officer Name and Title:** Permit and Compliance Officers: Sally Acevedo Cosme, Pedro De León Rodríguez, María T. Torres Bregón, Ángel G. López-Guzmán, Ivelisse Lorenzo Torres, Santa Damarys Ramírez Lebrón, Janette I. Cambrelén, Limary Vélez-Marrero, Juan Carlos Perez Bofill, Mónica Machuca Ríos, Javier Mercado Barrera, Abdul Feliciano Plaza, Aldo A. Rivera Vázquez and Priscilla Toro Rivera.

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

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

#### **Project Location:**

The property is a 1.29 -acre site located at Carr 152 km 1.8 Int, Bo. Quebradillas in the Municipality of Barranquitas, Puerto Rico (Parcel ID# 247-063-269-25-000). The coordinates of the project site are 18.195466, -66.294194.

The proposed project will be situated on a vacant lot proposed to be used for agricultural purposes.

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

The intent use of funds includes the purchase and installation of a new warehouse structure. The scope of work (SOW) for this project is the installation of a prefabricated metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to install the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be located at coordinates 18.195466, -66.294194. Thickness of concrete pad depends on different factors, for the proposed pad the thickness should be in a range of 8 to 12 inches. These

structures do not include posts anchored to the ground. Typically, the proposed metal structure is anchored with structural anchors to the concrete.

The parcel is currently not connected to water or power utilities. No power or water connections are proposed. The applicant future plans include to submit and obtain the require permits to connect the facilities to the local power and water utility services. While the applicant plans to pay for this activity themselves and no HUD funds would be utilized for this portion of work, the potential impacts from this action are included in the analyses below and it is contained within the delimited Area of Potential Effect (APE). All connections will be aboveground using PVC and electrical conduit. Water and Power connection point are at an estimated distance from the warehouse of 65 ft and 75 ft, respectively.

The project site will require clearing, grading, and some vegetation removal. However, proposal does not contemplate cutting, pruning or transplanting of trees. The APE for the proposed project is approximately 0.51 acres.

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

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

The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. The purpose of this project is to increase the productivity of the farm. This agricultural project associated with the purchase and installation of a new warehouse structure is keeping with the overall objectives of the Economic Development Program.

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

The land proposed for the installation of a new warehouse structure is a vacant lot proposed to be used for agricultural purposes. Therefore, there is change in land use associated with the project. Some ground disturbance will be required.

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

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

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

**Funding Information**

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

**Estimated Total HUD Funded Amount:** \$50,000.00

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$86,823.00

**Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities**

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

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6</b>		
<b>Airport Hazards</b>  24 CFR Part 51 Subpart D	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project consists of the purchase and installation of a warehouse. The nearest civil airport, “Aeropuerto Internacional Mercedita”, is approximately 113,097 feet from the proposed site. The nearest military airport, “Aeropuerto Internacional Luis Muñoz Marín”, is approximately 130,476 feet from the proposed site. The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian

		airport. The project is in compliance with Airport Hazards requirements. Refer to Figure 2 in <b>Appendix B.</b>
<p><b>Coastal Barrier Resources</b></p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Puerto Rico has various Coastal Barrier Resources Systems (CBRS). The project is in the central region of Puerto Rico. The distance to the nearest CBRS unit is 80,102 feet. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. Refer to Figure 3 in <b>Appendix B.</b></p>
<p><b>Flood Insurance</b></p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is located in Zone X, area of minimal flood hazard, as per Floodplain Insurance Rate Map (FIRM) 72000C1160H, effective date April 19, 2005. This project is in compliance with Floodplain Insurance requirements. (See Figures 4 and 5 in <b>Appendix B.</b>)</p>

<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5</b>		
<p><b>Clean Air</b></p> <p>Clean Air Act, as amended, particularly section 176(c) &amp; (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not located in a county or air quality management district that is non-attainment status for any criteria pollutants. The Municipio of Barranquitas is not listed in the EPA Green Book "Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants". The project consists of the purchase and installation of a warehouse. Project would have no impact on air quality. The project is in compliance with Clean Air Act. Refer to EPA listing in <b>Appendix C.</b></p>
<p><b>Coastal Zone Management</b></p> <p>Coastal Zone Management Act, sections 307(c) &amp; (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 76,140 feet from the nearest Coastal Zone Management area and does not affect a Coastal Zone as defined in the PR Coastal Zone Management Plan. The project is in compliance with the Coastal Zone Management Act. See Figure 7 in <b>Appendix B.</b></p>
<p><b>Contamination and Toxic Substances</b></p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>A site visit conducted on December 13, 2023, no debris or rubbish or visible signs vegetative stress, contamination, or toxic substances were</p>



identified at the project site. The project consists of the purchase and installation of a warehouse.

The proposed action does not include demolition of structures nor mid- to long-term occupation of structures that would require testing for lead-based paint (LBP) and asbestos containing materials (ACM). Therefore, testing for LBP and/or ACM is not required.

The proposed action does not include residential occupation or mid- to long-term occupation (more than 4 hours a day) of structures. Therefore, the consideration of radon in the contamination analysis is exempted under the CPD Notice #CPD-23-103 and no further consideration or action with respect to radon is needed.

Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project.

The Betterroads Asphalt LLC facility, 2,638 ft southwest of project site, is a CAA listed site. As a CAA site is considered an operating site with no violations over the last 3 years. According to ECHO report the site is also considered an inactive RCRA site.

To the southwest of project location, three CWA sites are identified as water dischargers (NPDES) facilities; Coloco Ready Mix, Inc, at an estimated distance of 2,166 ft; Puerto Rico Asphalt LLC., at an estimated distance of 2,694 ft; and Betterrecycling Corporation, at an estimated distance of 2,890 ft.

As a CWA site, Coloco have been under the Significant/Category I Noncompliance status over the last 3 years. PR Asphalt is a General Permit Covered Facility with several violations over the last 3 years period, currently under the "No Violation Identified" status. Latest violation identified is from the 3<sup>rd</sup> quarter period of year 2023. Since 1<sup>st</sup> quarter of year 2022 to the 2<sup>nd</sup>

		<p>quarter of 2023 this facility was under the “Significant/Category I Noncompliance” status due to “Failure to Report DMR - Not Received”.</p> <p>Predicting the impact of the noncompliance of these regulated facilities on the project area is difficult since the noncompliance status is due to the failure to submit the DMR report. However, given the distance and the hydraulic gradient of the area, these CWA sites should have no effect on project area.</p> <p>The Betterrecycling Corporation is a General Permit Covered Facility under the Terminated status since the 4<sup>th</sup> quarter of 2021.</p> <p>With these conditions, the proposed activities, and the distance between the sites and the proposed project location, there would not be any impacts to the project site. See ECHO reports in <b>Appendix C</b>.</p> <p>Refer to Figures 8 and 9 in <b>Appendix B</b> and the Site inspection report and photos in <b>Appendix A</b>. The project is in compliance with Contamination and Toxic Substances.</p>
<p><b>Endangered Species</b></p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes    No</p> <p><input checked="" type="checkbox"/>    <input type="checkbox"/></p>	<p>The project consists of the purchase and installation of a warehouse. The proposed location of project is a vacant lot proposed to be use for agricultural purposes.</p> <p>According to EPA NEPAassist Enviromapper, the nearest critical or proposed critical habitat is 54,121 feet to the southeast of the project location. The Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website lists the Puerto Rican Boa and the Puerto Rican Plain Pigeon as being able to be found in the area, but there are no critical habitats for them at this location.</p> <p>A site-specific review of endangered species was conducted in accordance with the Fish and Wildlife Act (47 Stat. 401, as amended: 16 U.S.C. 661 et seq.) (See <b>Appendix D</b>).</p>

		<p>The project is “May affect, but not likely to adversely affect” (NLAA) the Puerto Rican Boa and the Puerto Rican Plain Pigeon, provided conservation measures are implemented as part of the project. The USFWS concurred with the NLAA determination on November 23, 2024.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFWS Puerto Rican Boa Conservation Measures guidelines.</p> <p>If a Puerto Rican plain pigeon is found within any of the working or construction areas, activities should stop at that area and information recorded. Designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for additional directions (PRDNER phone #: ((787) 724-5700, (787) 230-5550, (787) 771-1124). All construction work activities will be confined to daylight hours. If the pigeon is determined present, whenever possible regimen modification activities will not be conducted during breeding season (late January to early July). If is not possible to avoid breeding season, buffers around active nests will be a minimum of 250 feet, unless a qualified biologist determines that smaller buffers would be sufficient to avoid impacts to nesting birds.</p> <p>Refer to Figures 10 and 11 in <b>Appendix B</b> and the Endangered Species Package in <b>Appendix D</b>. This project is in compliance with the Endangered Species Act.</p>
<p><b>Explosive and Flammable Hazards</b></p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project does not include development, construction, or rehabilitation that will increase residential density.</p> <p>The project is in compliance with Explosive and Flammable Hazard requirements.</p>

<p><b>Farmlands Protection</b></p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>Refer to site visit report in <b>Appendix A.</b></p> <p>The project consists of the purchase and installation of a warehouse. The project site is designated as prime farmland. The project does not include any activities that could potentially convert agricultural land to nonagricultural use. Although the project includes new construction, the project is exempt from review under the Farmland Protection Policy Act (FFPA) as the project is limited to construction of on-farm structures needed for farm operations. No further review is required.</p> <p>This project is in compliance with the Farmland Protection Policy Act. Refer to Figure 12 in <b>Appendix B.</b></p>
<p><b>Floodplain Management</b></p> <p>Executive Order 11988, as amended by Executive Order 13690, 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 consists of the purchase and installation of a warehouse.</p> <p>The proposed project is not located in a Federal Flood Risk Management Standard (FFRMS) floodplain. FFRMS was determined using the 0.2-Percent-Annual-Chance (PAC) (500- Year) Flood Approach.</p> <p>The Project site is located in Zone X, area of minimal flood hazard, as per Floodplain Insurance Rate Map (FIRM) 72000C1160H, effective date April 19, 2005.</p> <p>The Project site is not located in an Advisory Base Flood Elevation (ABFE) special flood hazard area as per ABFE Map, number 72000C1160H, effective date April 13, 2018. Since the project site does not lie within the 0.2 PAC floodplain on the ABFE, it is not within the FFRMS.</p> <p>PFIRMs in Puerto Rico were only developed for certain sections of the municipalities of Carolina, Canovanas, Loiza, San Juan and Trujillo Alto. The proposed project is located in the municipality of Barranquitas; therefore, PFIRM information was not available for the area and therefore not considered in the review.</p>

		<p>This project is in compliance with Executive Order 11988 and Order 13690.</p> <p>See Figure 6 in <b>Appendix B</b>.</p>
<p><b>Historic Preservation</b></p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The Barranquitas Urban Center, a traditional urban center, is located 0.90 miles southwest of the property. The project site is not in the Barranquitas Urban Center. (See Figure 13 in <b>Appendix B</b>).</p> <p>The site was evaluated on January 16, 2024, by an SOI Qualified Architect/Architectural Historian. Additionally, the site was evaluated on January 18, 2024, by an SOI Qualified Archaeologist. SHPO concurred with a finding of <b>No Historic Properties Affected</b> within the project's Area of Potential on Effects on February 29, 2024.</p> <p>Refer to Figure 13 in <b>Appendix B</b> and the Section 106 Consultation Package in <b>Appendix E</b>. This project is in compliance with Historic Preservation requirements.</p>
<p><b>Noise Abatement and Control</b></p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project consists of the purchase and installation of a warehouse. HUD's noise regulations protect residential properties from excessive noise exposure. HUD noise regulations do not apply as the project does not include new construction for residential use or rehabilitation of an existing residential property. The proposed project is in compliance with Noise Abatement and Control.</p>
<p><b>Sole Source Aquifers</b></p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The nearest Sole Source Aquifer is 5,416,814 feet to the northwest of the project site. The project is in compliance with Sole Source Aquifer requirements.</p> <p>Refer to Figure 17 in <b>Appendix B</b>.</p>
<p><b>Wetlands Protection</b></p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project consists of the purchase and installation of a warehouse.</p> <p>The east coast is 15,259 feet southeast of the property. The closest fresh-water bodies include an unnamed creek 411 feet northwest of the</p>

		<p>property and an unnamed creek 945 feet east of the property.</p> <p>The NWI maps show no wetlands on the or adjacent to the project site. This project does not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section. The project is in compliance with Executive Order 11990. Refer to Figure 14 in <b>Appendix B</b>.</p>
<p><b>Wild and Scenic Rivers</b></p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 177,108 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 15 in <b>Appendix B</b>.</p>

<b>ENVIRONMENTAL JUSTICE</b>		
<p><b>Environmental Justice</b></p> <p>Executive Order 12898</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>No adverse environmental impacts were identified in any other compliance review portion of this project that may disproportionately be high for low-income and/or minority communities. Therefore, this topic complies with Executive Order 12898.</p> <p>See EJScreen Report in <b>Appendix C</b></p>

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

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

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

(3) Minor Adverse Impact – May require mitigation

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>LAND DEVELOPMENT</b>		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project consists of the purchase and installation of a warehouse. The proposed project is located on a private farm. The project site is zoned as "Agrícola General (A-G)". The proposed action is compliant with the proposed agricultural land use of the Project area and will not contribute to urban sprawl.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The project consists of the purchase and installation of a warehouse. The proposed project is located in flat terrain, proposed to be use for agricultural purposes.</p> <p>Soils in the proposed project area are classified as Daguey Clay (DaD), 12 to 20 percent slopes, surrounded by farmland with young vegetation cover, 740 meters above mean sea level.</p> <p>Projects larger than 1 acre must comply with the CWA and develop a SWPPP with the NPDES. The proposed project area is approximately 0.51 acres.</p> <p>The project site will require clearing, grading, and minimal vegetation removal. However, proposal does not contemplate cutting, pruning or transplanting of trees.</p> <p>The project site area is rated "low to moderate" for landslide susceptibility (see Figure 16 in <b>Appendix B</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	The project consists of the purchase and installation of a warehouse. During implementation of the project, construction activities may result in temporary elevation of ambient noise levels in immediate areas around active construction areas. The only nearby receptors are the residents of the farm. There is no access to the project area by the public.
Environmental Assessment Factor	Impact Code	

		Impact Evaluation
<b>SOCIOECONOMIC</b>		
Employment and Income Patterns	2	<p>The project consists of the purchase and installation of a warehouse. 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 project consists of the purchase and installation of a warehouse. The proposed project would not result in demographic character changes or displacement. Given the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project.</p>
Environmental Justice	1	<p>In the area (one mile radius) in which project will occur.</p> <p>100% are people of color compared to PR average of 96%</p> <p>80% are low income compared to PR average of 70%</p> <p>24% are unemployed compared to PR average of 15%</p> <p>The project consists of the purchase and installation of a warehouse. This project will result in restoration and increase in income and potential employment opportunities in the local area. The installation and maintenance of equipment, research and implementation of new techniques, education and training of personnel, and the commercialization and sale of agricultural products are some of the opportunities offered by the agricultural market for new employment opportunities. The multiplier effect estimates 1-3 direct and indirect jobs for every primary job created. The increase in production with the installation of the warehouse will generate at least 2 employment opportunities. The impacts would be beneficial.</p> <p>See EJSscreen Report in <b>Appendix C</b></p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
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## COMMUNITY FACILITIES AND SERVICES

Educational and Cultural Facilities	2	The project consists of the purchase and installation of a warehouse. The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
Commercial Facilities	2	The project consists of the purchase and installation of a warehouse. The agricultural activity of the project property will improve. Other commercial facilities would not be impacted by the proposed project.
Health Care and Social Services	2	The project consists of the purchase and installation of a warehouse. Health care and social services facilities would not be impacted by the proposed project. The project would not increase demand for health care and social services facilities.
Solid Waste Disposal / Recycling	2	<p>The project consists of the purchase and installation of a warehouse.</p> <p>Waste vegetation from clearing activities will either be composted on site or at regional composting centers. Soil from grading would be recycled on the farm as fill. Left over construction materials that could be reused on the farm (e.g., piping, structural materials, others) would be stored for later use. The remaining construction solid waste materials would be collected for transport to the local landfill. The amount of impact of solid waste resulting from the construction of the proposed project would be minor. During operations, the products and by-products would be agricultural, which waste would be biodegradable. Other waste components related to the operation of the proposed project includes recyclable materials such as plastics and cardboard. Recyclables will be set aside and dispose according to the local recycling management plan. The remaining municipal solid waste would be collected for the transport to the local landfill.</p>
Wastewater / Sanitary Sewers	2	The project consists of the purchase and installation of a warehouse. The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current farm conditions would remain unchanged.
Water Supply	2	The project consists of the purchase and installation of a warehouse. The SOW does not involve water connections or use water for operational purposes. However, the applicant has stated his intention to in the future connect the warehouse to the local utility services. The connection will be achieved with the installation of 65 linear ft above ground PVC pipe. The proposed

		project, as currently proposed, does not represent an increase in current water demand. In the future, if connected to the local water utility service, this warehouse will represent a minor increase in the water demand of the area. The applicant is responsible for any permits or actions with PRASA to ensure legalization of utility connections (if needed) prior to construction activities.
Public Safety – Police, Fire and Emergency Medical	2	The project consists of the purchase and installation of a warehouse. The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	The project consists of the purchase and installation of a warehouse. 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 project consists of the purchase and installation of a warehouse. The proposed project would not involve the creation of new roads nor any increase in long-term traffic on existing roads. There would be some minor use of the existing road during construction. All residents and businesses would retain access to their properties during and after the project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>NATURAL FEATURES</b>		
Unique Natural Features, Water Resources	2	The project consists of the purchase and installation of a warehouse. The proposed project will be situated on land with an unknown past use, proposed to be used for agricultural purposes. The proposed project will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The project consists of the purchase and installation of a warehouse. The proposed project will occur on a vacant lot proposed to be used for agricultural purposes. All vegetative exceedance material resultant from the clearing activities will be disposed as per the Municipal vegetative material management and diversion plan. No vegetative material will be stored or left at site. Proposal does not contemplate cutting, pruning or transplanting of trees. The proposed project will have minimal impact on vegetation and no impact on wildlife.

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>CLIMATE AND ENERGY</b>		
Climate Change Impacts	2	The project consists of the purchase and installation of a warehouse. 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. This is a small agricultural project with no measurable impact on climate change factors.
Energy Efficiency/Energy Consumption	2	<p>The project consists of the purchase and installation of a warehouse. The proposed project is an agricultural project that does not involve energy use. The project would not be connected to the local electricity provider. There would be no change in energy demand in the area.</p> <p>However, the applicant has stated his intention to in the future connect the warehouse to the local utility services. The connection will be achieved via a 75 linear ft aboveground electrical conduit. The proposed project, as currently proposed, does not represent an increase in current energy demand. In the future, if connected to the local power utility service, this greenhouse will represent a minor increase in the energy demand of the area. The applicant is responsible for any permits or actions with LUMA and/or PREPA to ensure legalization of utility connections (if needed) prior to construction activities.</p>

**Additional Studies Performed:** None required.

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

Site inspection was conducted on December 13, 2023 by Carlos Medina.

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

Puerto Rico State Historic Preservation Office

FAA, National Plan for Integrated Airport Systems:

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

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

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

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

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

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

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

US Fish and Wildlife Service, Environmental Conservation Online System: <https://ecos.fws.gov/ecp/report/species-listings-by-state?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed>

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

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

Puerto Rico Coastal Zone Management Program Plan, September 2009.

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

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria, [www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8](http://www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8)

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

None

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

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

#### **Cumulative Impact Analysis [24 CFR 58.32]:**

In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the proposed project. The project consists of the purchase and installation of a warehouse. The project would allow more space for the storage of agricultural products and equipment leading to a more efficient processing and growing of the agricultural products. The SOW does not involve the connection of the warehouse

to electric or water utilities. Therefore, water and power use would not increase with the installation of the warehouse and should have no impact on the local utilities supply or demand. Applicant has stated his intention to in the future connect proposed warehouse to local electrical and water supply services. If connected, the proposed warehouse will have a minor increase the power and water demand of the area.

**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 project consists of the purchase and installation of a warehouse. Alternative locations off and on property may represent an impact to undisturbed and/or uneven ground, sloped terrain or within forested areas, which could require heavier clearing and grading activities. Any alternative that would involve an off-property location might require the purchase of land, representing an additional cost for the applicant. An off-property alternative will not enhance and expand agricultural production or allow for the economic development for this applicant. Given the above-mentioned possible impacts of an alternative location, an off-property alternative was not selected.

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

The project consists of the purchase and installation of a warehouse. Under the No Action Alternative, the applicant would not receive federal funding for the proposed action, which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

**Summary of Findings and Conclusions:**

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

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

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

The environmental review topics addressed in this environmental review include all formal compliance steps with federal agencies and mitigations (listed in table below) needed for compliance with 24 CFR 58.

Any permits or approvals that have been issued during the preparation of this environmental review have been included in the evaluation of impacts and mitigations. Any special permit conditions or requirements associated with these permits are listed in the Mitigation Measures and Conditions table below.

Law, Authority, or Factor	Mitigation Measure
Endangered Species	<p>The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat:</p> <ol style="list-style-type: none"><li data-bbox="690 1045 1421 1327">1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.</li><li data-bbox="690 1333 1421 1537">2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.</li><li data-bbox="690 1543 1421 1747">3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.</li><li data-bbox="690 1753 1421 1894">4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel</li></ol>

shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: (787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.

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

6. If a PR boa is captured by PRDNER personnel, record the name of that person and information on where the PR boa will be taken. This information should be reported to the Service.

7. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal, and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #4). If not possible, the animal should be left alone until it leaves the vehicle on its own.

8. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.

9. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #5). If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.

	<p>10. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance. PRDNER phone #s: (787) 724-5700, (787) 230-5550, (787) 771-1124</p> <p>Conservation measures can be found at <a href="http://CaribbeanESPuertoRicanBoa.fws.gov">Caribbean ES Puerto Rican Boa (fws.gov)</a>.</p> <p>If a Puerto Rican plain pigeon is found within any of the working or construction areas, activities should stop at that area and information recorded. Designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for additional directions (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). All construction work activities will be confined to daylight hours. If the pigeon is determined present, whenever possible regimen modification activities will not be conducted during breeding season (late January to early July). If is not possible to avoid breeding season, buffers around active nests will be a minimum of 250 feet, unless a qualified biologist determines that smaller buffers would be sufficient to avoid impacts to nesting birds.</p>
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**Permits or Agency Approvals Required**

Permit or Approval	Permit Conditions
Ground disturbance	Projects whose earthworks are more than 40 m <sup>3</sup> must submit an Incidental Permit. The permit must be submitted via the Single Business Portal to the OGPe to be evaluated and physicalized by the Water Quality Division of the PRDNER. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities.
Clearing activities	Activities involving the excavation or movement of any component of the terrestrial cortex material that exceeds five hundred (500) cubic meters and up to a maximum of five thousand (5,000) cubic meters require the submittal and approval of a Simple Terrestrial Cortex Removal Permit. Applications are submitted via the Single Business Portal of the OGPe to be evaluated and physicalized by terrestrial Cortex Extraction Permit Division of the PRDNER.
Utility Connections- Water supply- PRASA	The project does not involve new connections to the local utility services or internal connections to supply water to the proposed warehouse. Applicant has stated his intention to, in the future, connect the parcel to local utility services. The applicant is responsible for any permits or actions with PRASA to ensure legalization of utility connections (if needed) prior to construction activities.



Utility Connections- LUMA/PREPA	The project does not involve new utility connections or internal connections to supply energy to the proposed warehouse. Applicant has stated his intention to, in the future, connect the parcel to local utility services. The applicant is responsible for any permits or actions with LUMA and/or PREPA to ensure legalization of utility connections (if needed) prior to construction activities.
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**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: 11/26/2024

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

Certifying Officer Signature: \_\_\_\_\_



Date: 12/16/2024

Name/Title: Limary Vélez Marrero / 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-01190		
Applicant Name	AGROEDUC INC		
Property Address	Carr 152 km 1.8 Int, bo Quebradillas		
Parcel ID	247-063-269-25		
Coordinates	18.195466, -66.294194		
Inspector Name	Carlos O. Medina		
Inspection Date	12/13/2023		
Building Type	vacant		
Number of Units	0		
Number of Stories	0		
Year Built; Data Source	----; Historian		
ENVIRONMENTAL OBSERVATIONS (attach photos and notes, as necessary, for any YES answers)			
OBSERVATION ITEMS	YES	NO	COMMENTS
A. Is the <b>structure in use</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B. Is <b>structure a greenhouse</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is <b>Electricity connected</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D. Is <b>water connected</b> ? (Utilities or Well)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1. Are there signs of <b>poor housekeeping</b> on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are there any <b>55-gallon drums</b> visible on site? If yes, are they leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are there any (or signs of any) <b>underground storage tanks</b> on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are there signs of <b>ASTs</b> on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Is there any <b>stained soil or pavement</b> on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Is a water <b>drainage system</b> in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is a warehouse in use for storage of <b>Fertilizer or Pesticides</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Are there any <b>groundwater monitoring wells</b> on the site or adjacent parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is there evidence of a <b>faulty septic system</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Is there <b>distressed vegetation</b> on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Is there any visible indication of <b>MOLD</b> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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

Additional Notes:

Case: PR-RGRW-01190  
Project Name: Agroeduc, Inc.  
Coordinates: 18.195466, -66.294194

Is the field graded? For what purpose the field was graded? Month, Year: none

Scope of Work: The proposed project includes the purchase and construction of a new warehouse structure.

Land current in use for: vacant

Past Land use was: unknown

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

Scope of work: Coordinates: 18.195466, -66.294194

Construction of a warehouse in metal and galvalum in a concrete pad of approximately 60 feet x 40 feet. This warehouse will be using for storage and packaging of fruits and vegetables.

Any new water connection or power connection?

Water and power infrastructure does not exist in the parcel. In the future the applicant will request the permits for power and water connections.

If the scope of work included tools, machinery or farms products, Where the applicant will be storing them?

N/A

## Site Sketch



**Front of Structure**

Photo Direction: Southeast



**Facing Away From Front**

Photo Direction: Northwest





**Side #1 of Structure**

Photo Direction: Southeast



**Facing Away From Side #1**

Photo Direction: Northwest



**Back of Structure**

Photo Direction: Northeast



**Facing Away From Back**

Photo Direction: Southwest





**Side #2 of Structure**

Photo Direction: Southeast



**Facing Away From Side #2**

Photo Direction: Northwest



**Streetscape #1**

Photo Direction: Southwest



**Streetscape #2**

Photo Direction: Northeast



Address

Photo Direction: South





Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast





Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest





Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

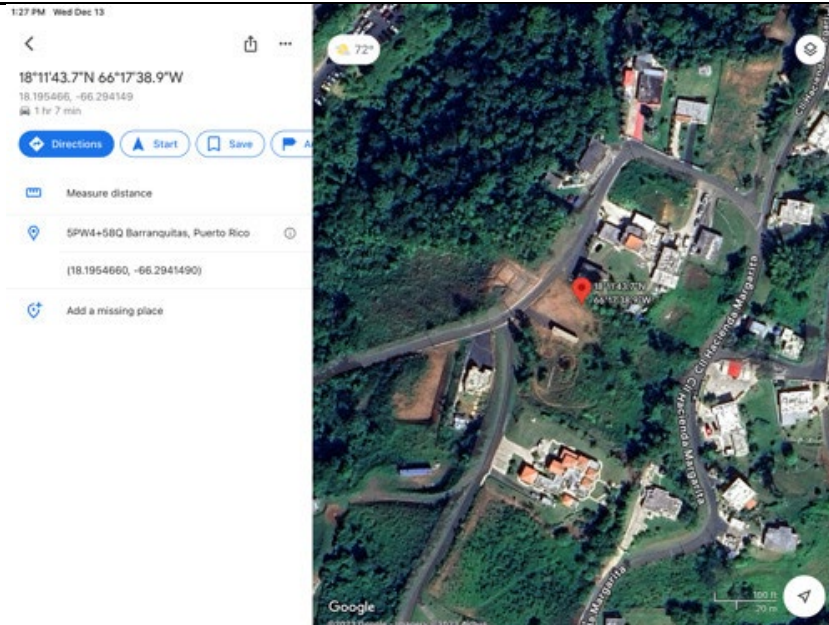
Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North





**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: South



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: Southeast



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: East



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: East



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: North



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: Northwest








# APPENDIX B

## Maps





- Legend**
-  Project Parcel
  -  Parcels
  -  Area of Potential Effect
  -  Power connections
  -  Water connections

**PUERTO RICO**



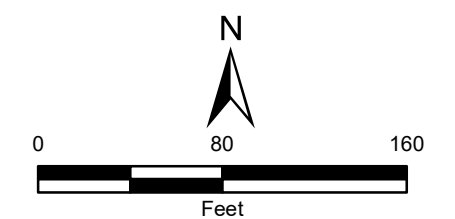
**Figure 1: PROJECT LOCATION**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



Source: CRIM  
<https://catastro.crimpr.net/cdprpc/>

Author: TG Date: 3/14/2024







**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: 113,097**

**Distance to Nearest Civilian Airport  
in Feet: 113,097**

**Distance to Nearest Military Airport  
in Feet: 130,476**

**PUERTO RICO**



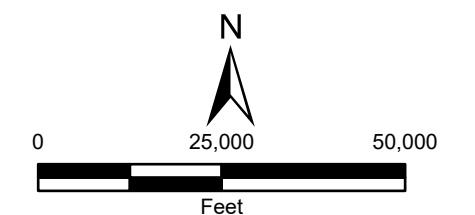
**Figure 2: AIRPORT ZONES  
APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, bo Quebradillas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466 , -66.294194

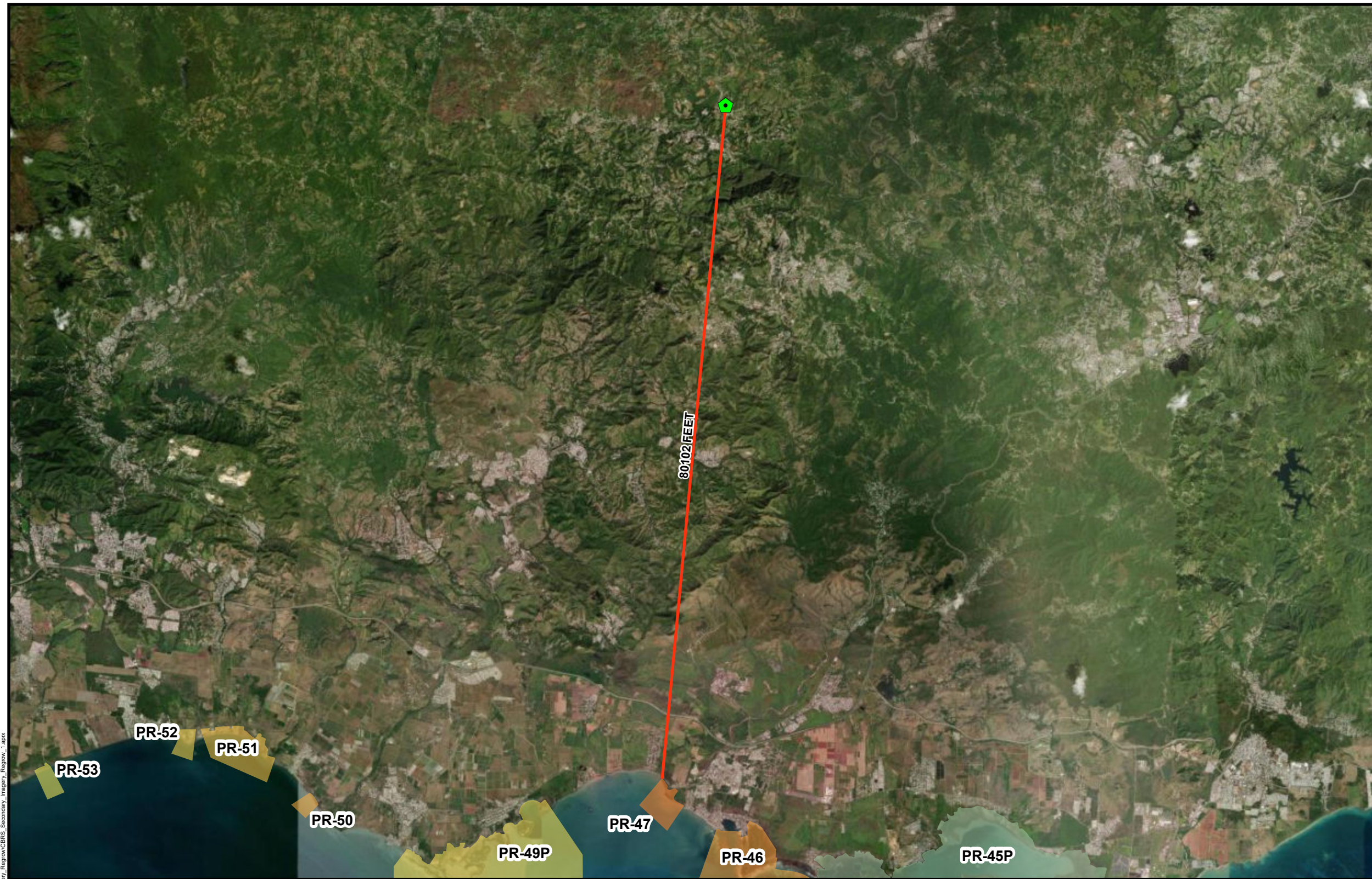


Source: USDOT  
<https://www.faa.gov>

Author: TG Date: 2/14/2024







- Legend**
- Project Parcel
  - Coastal Barrier Resources System Boundary**
  - Unit**
  - PR-45P
  - PR-46
  - PR-47
  - PR-49P
  - PR-50
  - PR-51
  - PR-52
  - PR-53
  - PR-54

Distance to Nearest Coastal Barrier Resources System:  
80102 Feet

**PUERTO RICO**



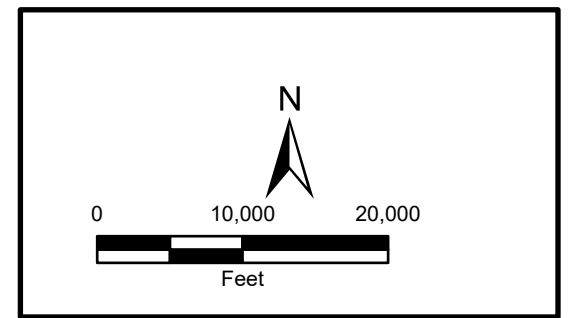
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Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>

**Figure 3: COASTAL BARRIERS IMPROVEMENT ACT**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
Name of Development: AGROEDUC INC  
Parcel Coordinates: 18.195466, -66.294194







FIRM: 72000C1160H, EFF\_DATE: 4/19/2005

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

**PUERTO RICO**



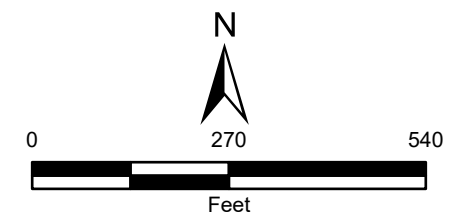
**Figure 4: FLOOD INSURANCE RATE MAP  
 APPLICANT ID: PR-RGRW-01190**

ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194



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

Author: TG Date: 1/4/2024

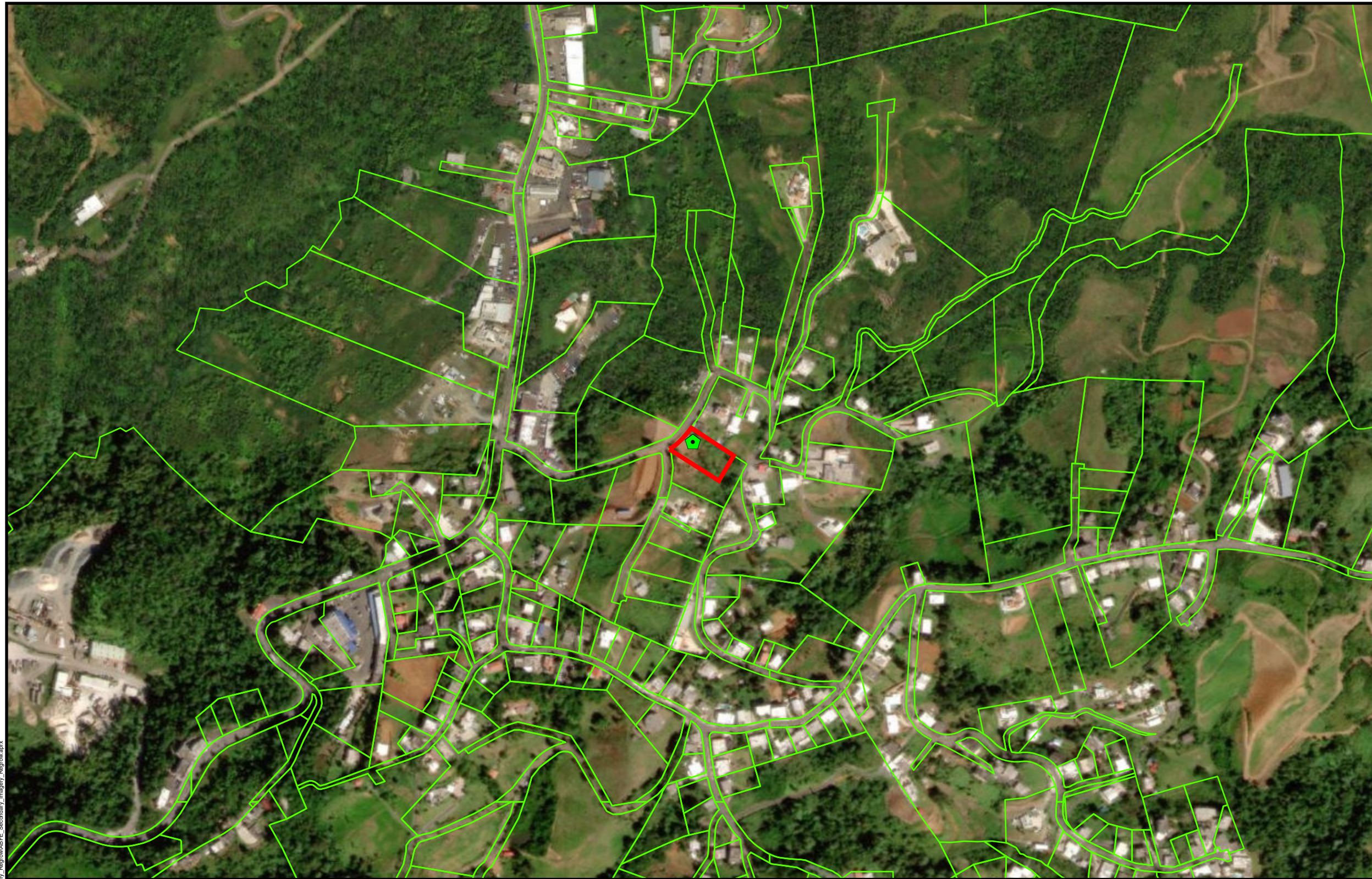





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- Legend**
-  Project Parcel
  -  Parcels
  -  Area of Potential Effect

**PUERTO RICO**



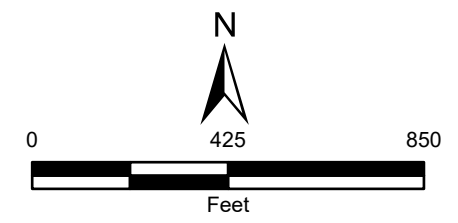
**Figure 6: ADVISORY BASE FLOOD ELEVATION  
 APPLICANT ID: PR-RGRW-01190**

ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194



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

Author: TG Date: 10/27/2023





File Path: Z:\data\USRT\Tier2\Regrow\pr\ABFE\_Secundary\_Imagery\_Regrow\ABFE\_Secundary\_Imagery\_Regrow.aprx





**Legend**

-  Project Parcel
-  Coastal Zone Management Boundary

Distance to Nearest Coastal Zone:  
76140 Feet

**PUERTO RICO**



**Figure 7: COASTAL ZONE MANAGEMENT  
APPLICANT ID: PR-RGRW-01190**

ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794

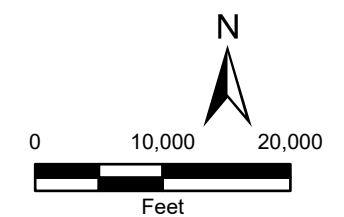
Name of Development: AGROEDUC INC

Parcel Coordinates: 18.195466, -66.294194

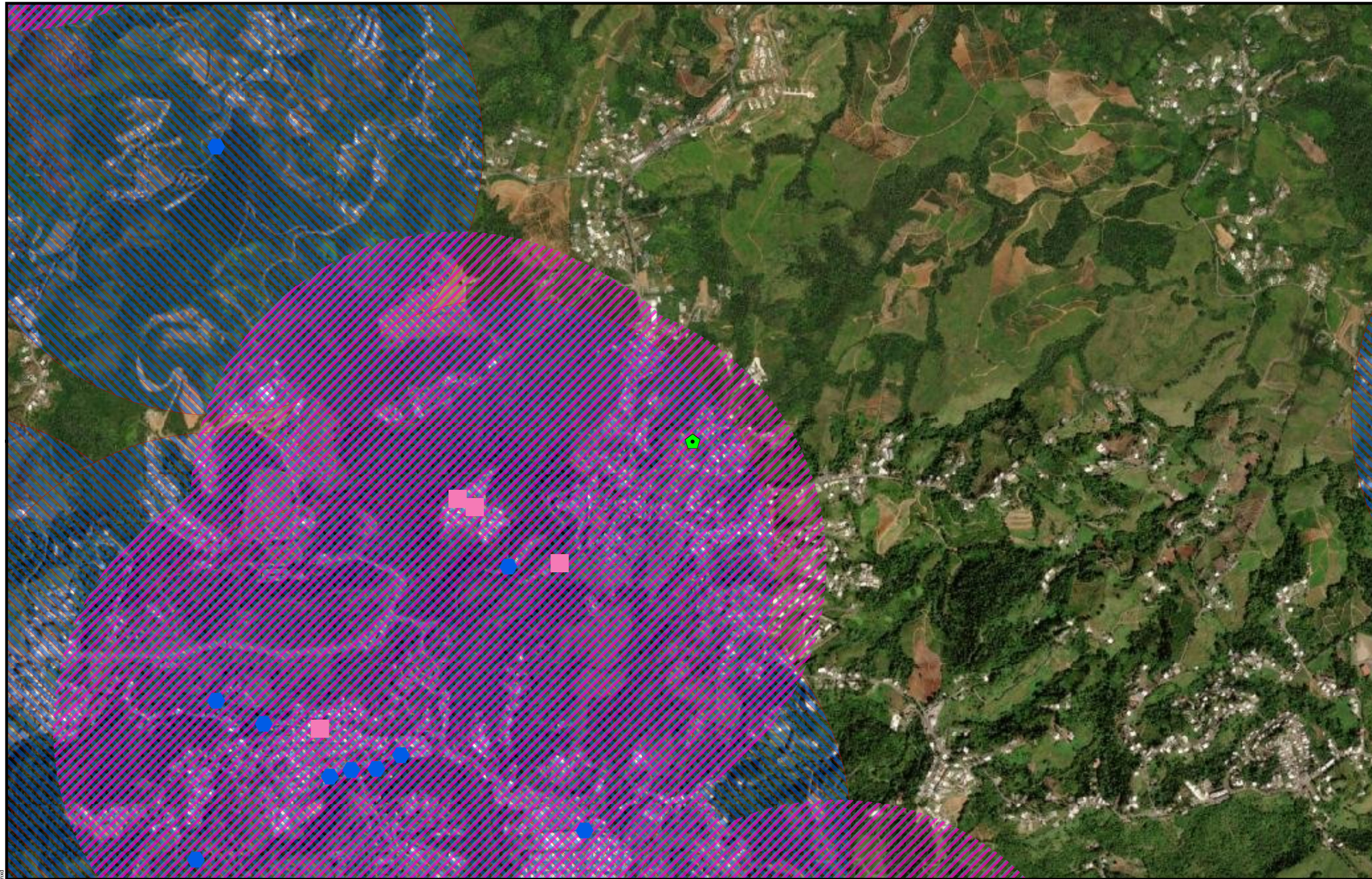


Source: NOAA's Ocean Service  
<https://data.noaa.gov>

Author: TG Date: 10/17/2023







**Legend**

- Project Parcel
- RCRA
- Toxic Release Inventory Site
- NPDES
- Superfund Site
- Brownfield Sites
- 3000 Ft Buffer NPDES
- 3000 Ft Buffer TRI
- 3000 Ft Buffer Superfund
- 3000 Ft Buffer RCRA
- 3000 Ft Buffer Brownfield

**PUERTO RICO**



**Figure 8: TOXIC CHEMICALS AND GASES, HAZARDOUS MATERIALS, CONTAMINATION, AND RADIOACTIVE SUBSTANCES**  
**APPLICANT ID: PR-RGRW-01190**

ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194

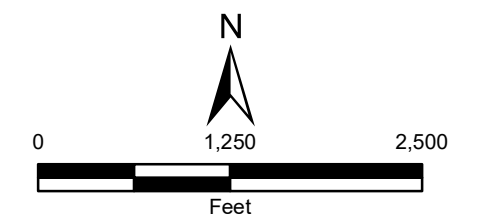


Source: E.P.A.

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

Author: JB/AK

Date: 3/22/2024

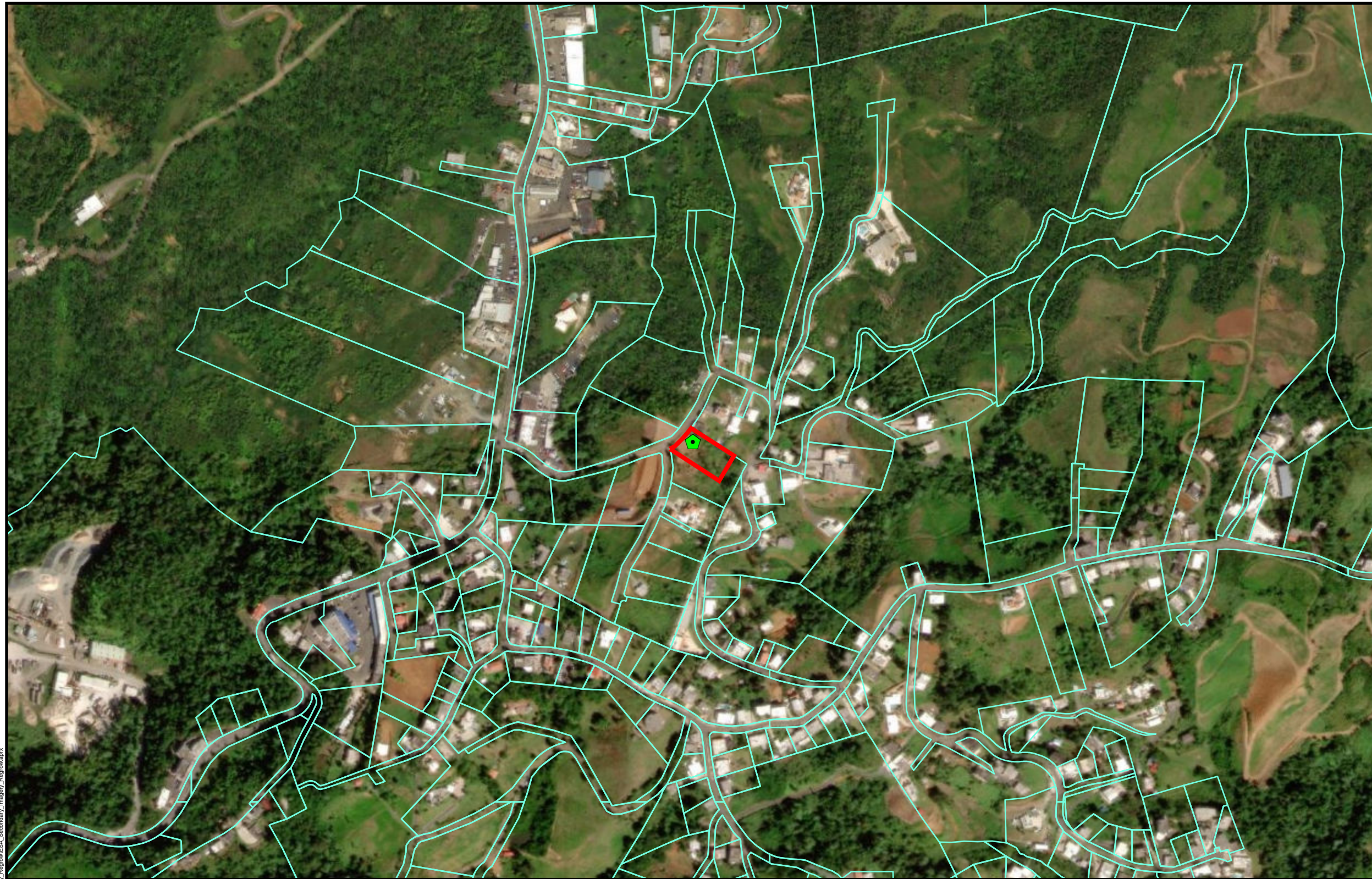


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**Legend**

-  Project Parcel
-  Parcels
-  Area of Potential Effect
-  Area of Critical Habitat

**PUERTO RICO**



**Figure 10: ENDANGERED SPECIES ACT  
APPLICANT ID: PR-RGRW-01190**

**ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794**

**Name of Development: AGROEDUC INC**

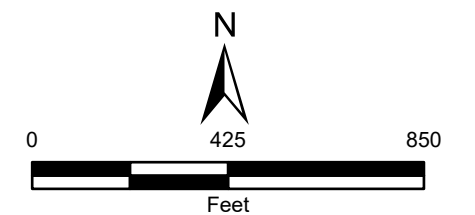
**Parcel Coordinates: 18.195466, -66.294194**



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

Author: TG

Date: 11/27/2023







- Legend**
- ▣ Project Parcel
  - Common Name**
  - ▣ Golden coqui

Distance to Nearest Critical Habitat:  
54121 Feet

**PUERTO RICO**



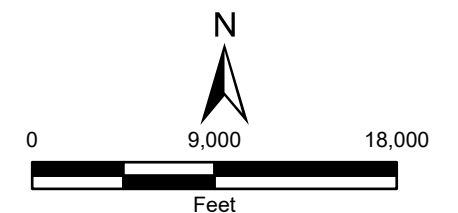
**Figure 11: CRITICAL HABITATS**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



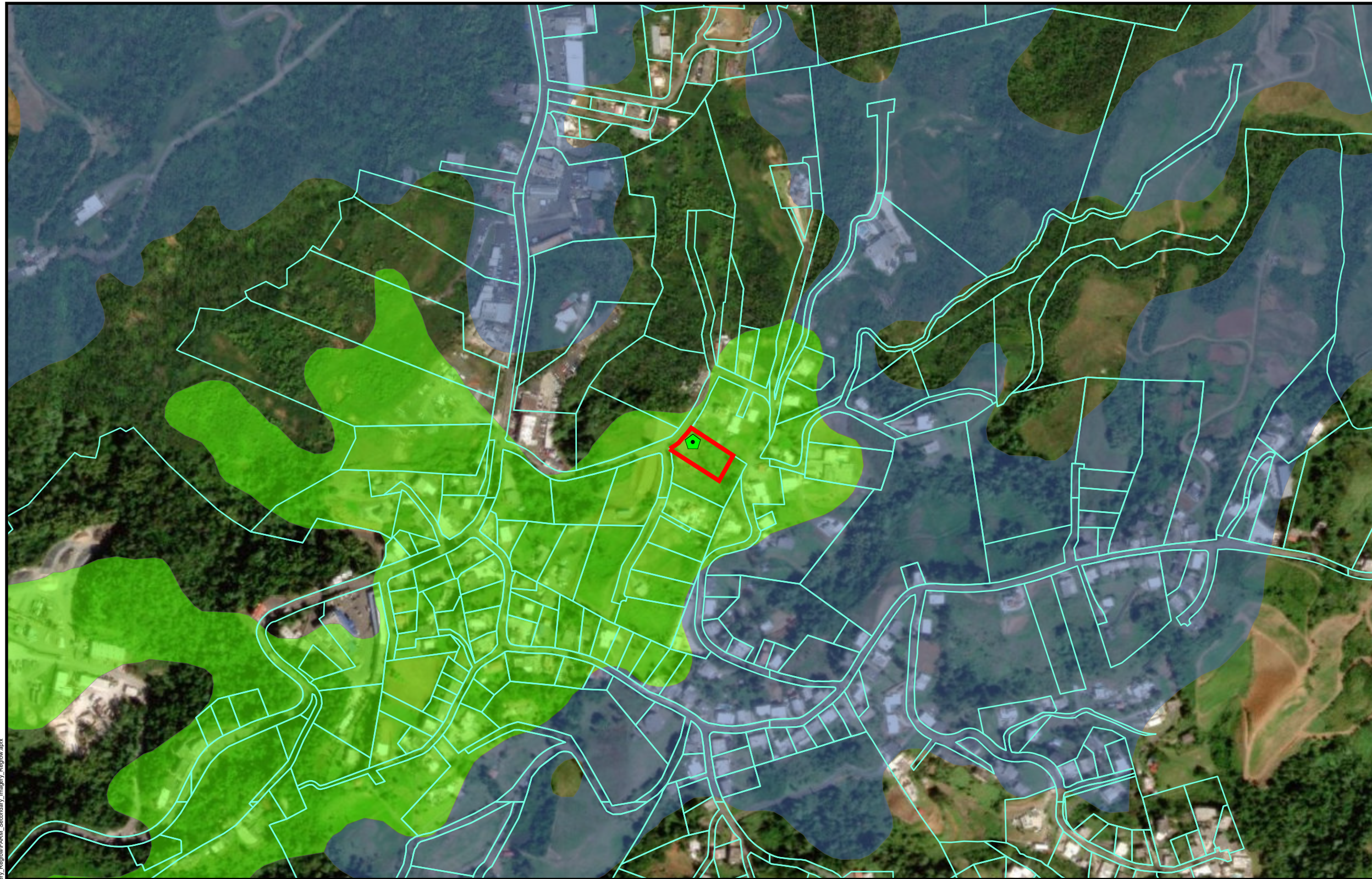
Source: U.S. FISH & WILDLIFE SERVICE  
<https://ecos.fws.gov>

Author: TG Date: 11/3/2023



File Path: Z:\data\USFWS\Tier2\Regrow\pr\CRITHABITAT\_Secondary\_Imagery\_Regrow\CRITHABITAT\_Secondary\_Imagery\_Regrow.aprx





**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

Area of Potential Effect

**PUERTO RICO**



**Figure 12: FARMLAND PROTECTION  
APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794

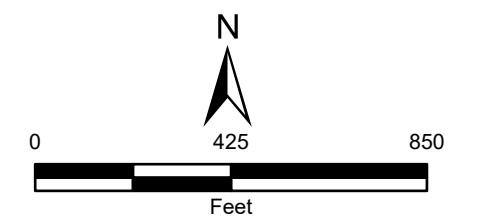
Name of Development: AGROEDUC INC

Parcel Coordinates: 18.195466, -66.294194



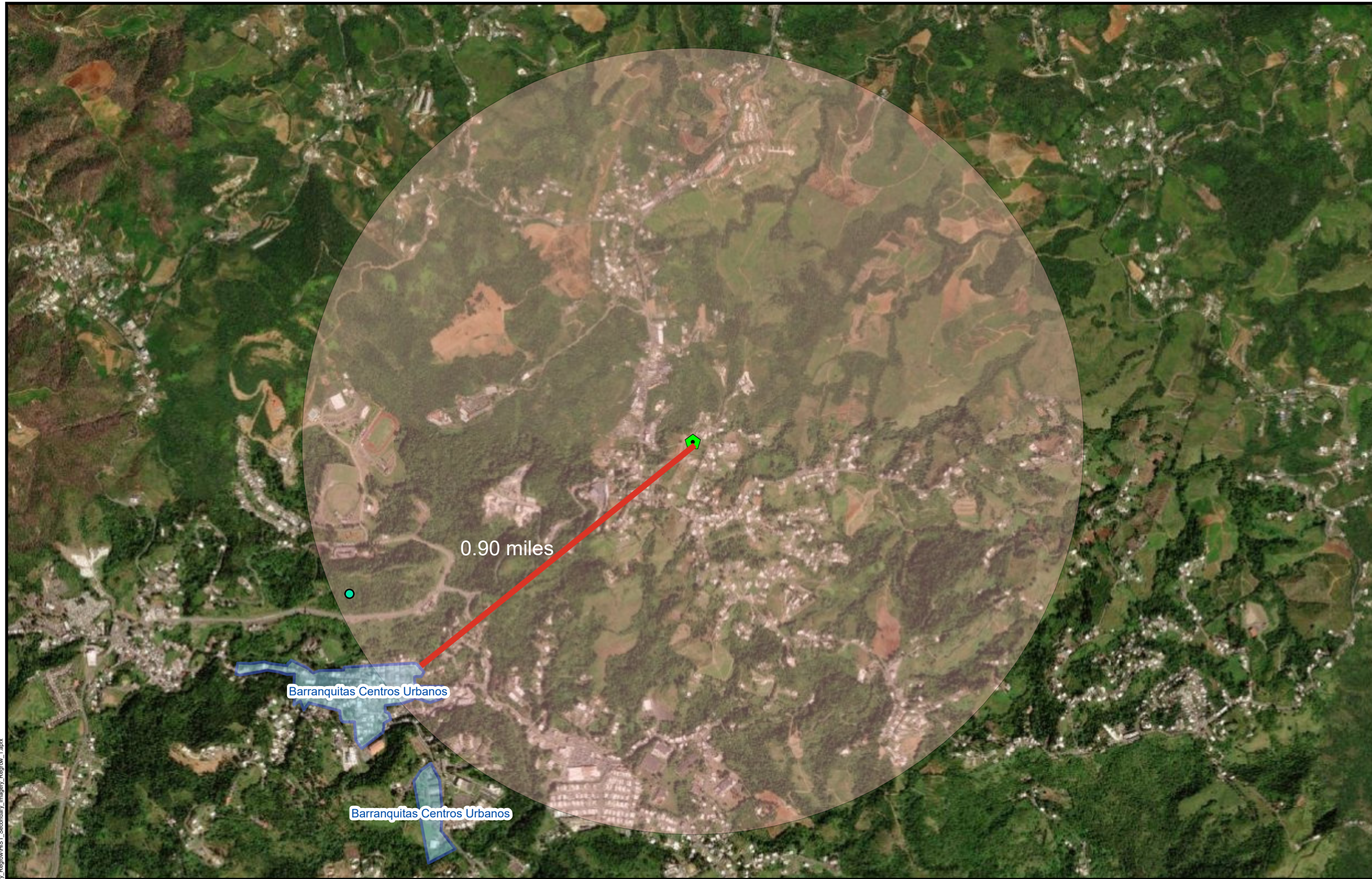
Source: USDA  
<https://websoilsurvey.sc.egov.usda.gov>

Author: TG Date: 11/3/2023



File Path: Z:\data\USRT\Tier2\Regrow\apn\FARM\_Secondary\_Imagery\_Regrow\FARM\_Secondary\_Imagery\_Regrow.aprx





- Legend**
- ◆ Project Parcel
  - ▲ Historic ICP Sites
  - Cultural Resource Building Point
  - Cultural Resource District Point
  - Cultural Resource Site Point
  - Cultural Resource Structure Point
  - Historic Comunidades
  - Traditional Urban Centers
  - Cultural Resource Building Polygon
  - Cultural Resource District Polygon
  - Cultural Resource Site Polygon
  - Cultural Resource Structure Polygon
  - 1 Mile Property Buffer
  - Distance to Traditional Urban Center 0.90 miles

**PUERTO RICO**



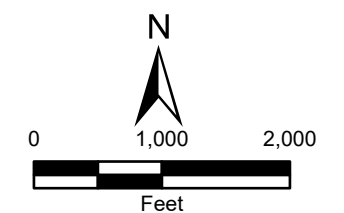
**Figure 13: HISTORIC PRESERVATION  
APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



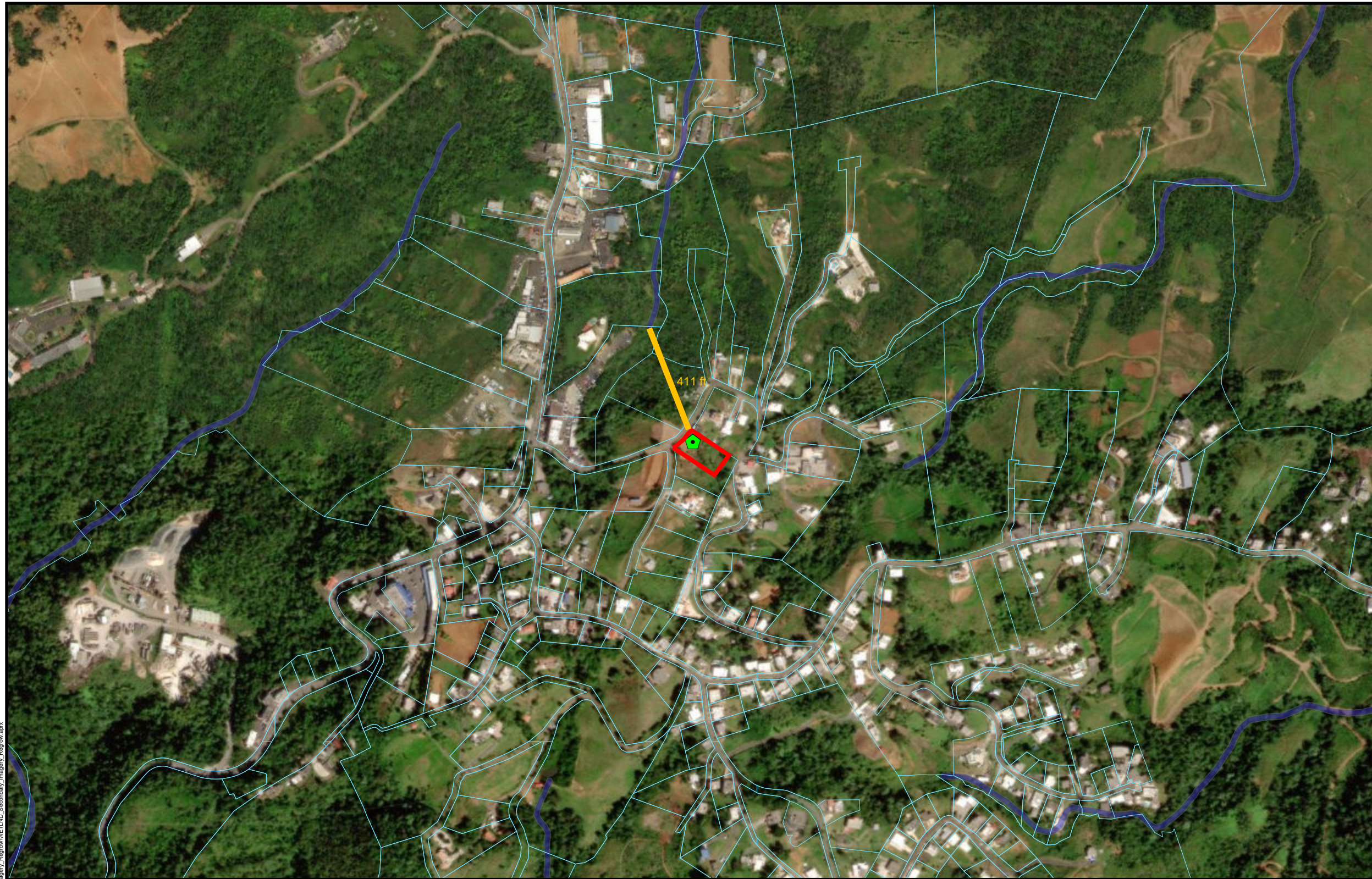
Source: National Park Service  
<https://www.nps.gov/>

Author: TG Date: 11/3/2023



File Path: Z:\data\USPRT\Regrow\Map\IST\_Secondary\_Imagery\_Regrow\IST\_Secondary\_Imagery\_Regrow\_1.aprx





- Legend**
- Project Parcel
  - Parcels
- WETLAND TYPE**
- Estuarine and Marine Deepwater
  - Estuarine and Marine Wetland
  - Freshwater Emergent Wetland
  - Freshwater Forested/Shrub Wetland
  - Freshwater Pond
  - Lake
  - Riverine
- Area of Potential Effect
  - Distance to wetland 411 ft

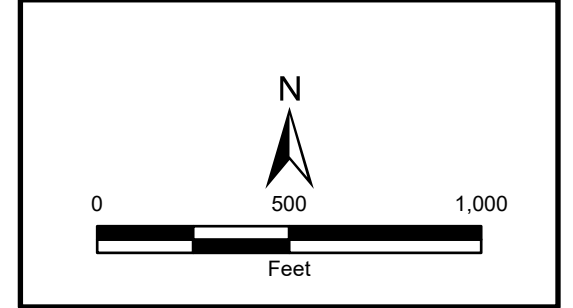
**PUERTO RICO**



**Figure 14: WETLANDS**  
**APPLICANT ID: PR-RGRW-01190**  
**ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794**  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194



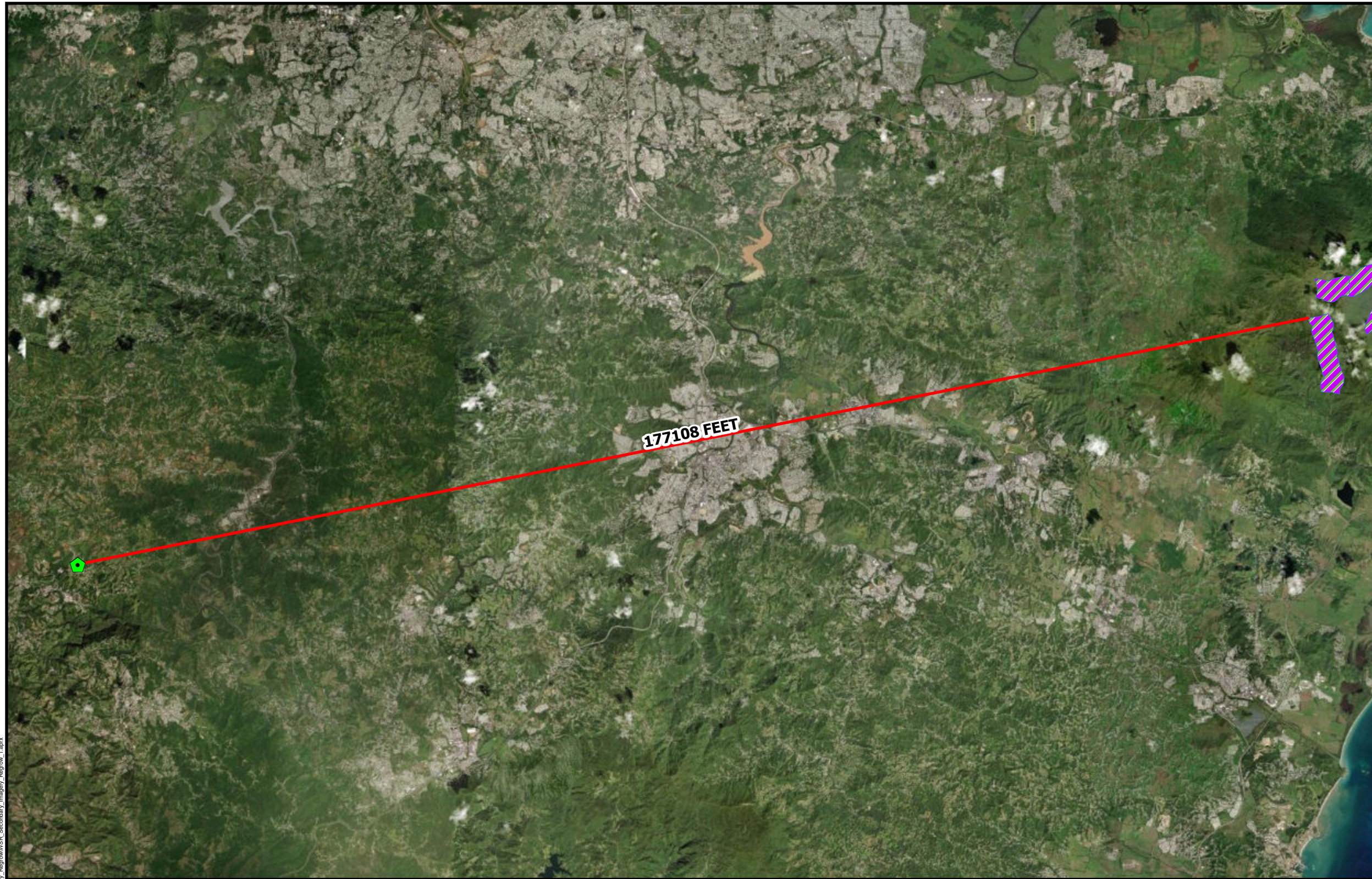
Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>





File Path: Z:\data\USFWS\Tier2\Regrow\apex\WETLAND\_Secondary\_Imagery\_Regrow\WETLAND\_Secondary\_Imagery\_Regrow.aprx

Author: TG Date: 11/3/2023

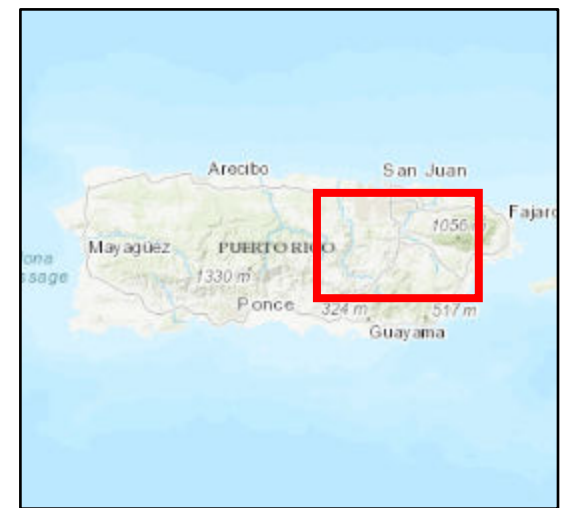




- Legend**
-  Project Parcel
  -  Wild and Scenic Rivers

Distance to Nearest Wild and Scenic River: 177108 Feet

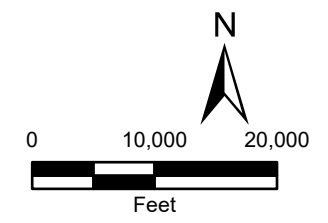
**PUERTO RICO**



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

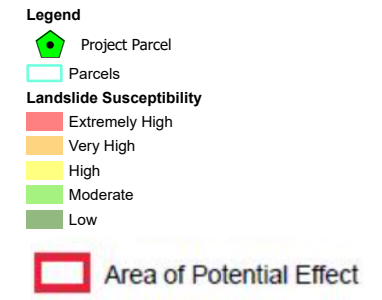
Author: TG      Date: 10/23/2023

**Figure 15: WILD AND SCENIC RIVERS ACT**  
**APPLICANT ID: PR-RGRW-01190**  
**ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794**  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194



File Path: Z:\data\USFR\Tier2\Regrow\SR\_Secondary\_Imagery\_Regrow\SR\_Secondary\_Imagery\_Regrow\_1.aprx





**PUERTO RICO**

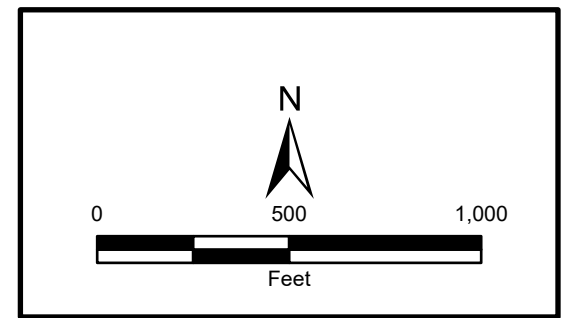


**Figure 16: SLOPE AND EROSION**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



Source: PRDOH  
<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=10506ecc7f15491daee17647f19248ee>  
 Author: TG Date: 11/3/2023







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

Distance to Nearest Aquifer:  
5,416,814 FT

**PUERTO RICO**

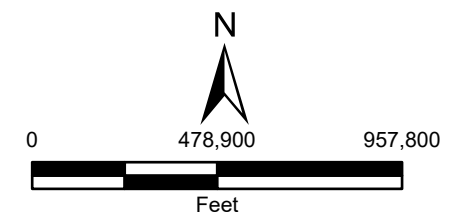


Source: USGS  
<https://catalog.data.gov/dataset/epa-sole-source-aquifers>

Author: TG Date: 2/21/2024

**Figure 17: SOLE SOURCE AQUIFERS**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194



File Path: Z:\data\USRT\TheRGRW\pr\AQUIFER\_Secondary\_Imagery\_Regrow\_Laprx

# **APPENDIX C**

## **Additional Information**





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

Data is current as of July 31, 2024

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

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

Change the State:

PUERTO RICO

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
<b>PUERTO RICO</b>								
Arecibo Municipio	Lead (2008)	Arecibo, PR	1112131415161718192021222324	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18192021222324	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	52,441	72/137

Important Notes

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2024-07-31



# Detailed Facility Report

## Facility Summary

**BETTERROADS ASPHALT PLT 11**

**PR-152 KM 1.0 BO QUEBRADA, BARRANQUITAS,  
PR 00794**

**FRS (Facility Registry Service) ID:** 110007812929

**EPA Region:** 02

**Latitude:** 18.191606

**Longitude:** -66.300173

**Locational Data Source:** RCRAINFO

**Industries:** Petroleum and Coal Products Manufacturing

**Indian Country:** N

## Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	07/20/2023
<b>Compliance Status</b>	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

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):** Operating Minor (PR0000007201900018)

**Clean Water Act (CWA):** No Information

**Resource Conservation and Recovery Act (RCRA):** Inactive Other, (PRD987381241)

**Safe Drinking Water Act (SDWA):** No Information

## Other Regulatory Reports

**Air Emissions Inventory (EIS):** No Information

**Greenhouse Gas Emissions (eGGRT):** No Information

**Toxic Releases (TRI):** No Information

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

Go To Enforcement/Compliance Details

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

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007812929					N	18.191606	-66.300173
ICIS-Air	CAA	PR0000007201900018	Minor Emissions	Operating	CAAGACTM, CAANSPS, CAASIP		N	18.191611	-66.300167
RCRAInfo	RCRA	PRD987381241	Other	Inactive ( )			N	18.191606	-66.300173

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007812929	BETTERROADS ASPHALT PLT 11	PR-152 KM 1.0 BO QUEBRADA, BARRANQUITAS, PR 00794	Barranquitas Municipio
ICIS-Air	CAA	PR0000007201900018	BETTERROADS ASPHALT PLT 11	PR 152 KM 1.0 BO. QDA. GRANDE, BARRANQUITAS, PR 00794	Barranquitas Municipio
RCRAInfo	RCRA	PRD987381241	BETTERROADS ASPHALT CORP	PR 152 KM 1.0, BARRANQUITAS, PR 00618	Barranquitas Municipio

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007201900018	2951	Asphalt Paving Mixtures And Blocks

### Facility NAICS (North American Industry Classification System)

## Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007201900018	324121	Asphalt Paving Mixture and Block Manufacturing

## 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)
CAA	PR0000007201900018	ICIS-Air	Inspection/Evaluation	FCE On-Site	EPA	07/20/2023	
CAA	<i>PR0000007201900018</i>	<i>ICIS-Air</i>	<i>Inspection/Evaluation</i>	<i>PCE On-Site</i>	<i>EPA</i>	<i>10/07/2019</i>	

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

## Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PR0000007201900018	No	03/16/2024	0	03/15/2024
RCRA	PRD987381241	No	03/16/2024	0	03/15/2024

## Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA	(Source ID: PR0000007201900018)	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
HPV History													
Violation Type	Agency	Programs	Pollutants										

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: PRD987381241)	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
Violation	Agency												

## Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	PR0000007201900018	Notice of Violation	State	07/02/2019

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

## Formal Enforcement Actions

Last 5 Years

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

No data records returned

## Environmental Conditions

### Watersheds

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

No data records returned

### Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

### Air Quality Nonattainment Areas

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

No data records returned

## Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

## 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: 720199522011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
<b>Count of Indexes At or Above 80th Percentile</b>	<b>5</b>	<b>5</b>
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	36	39
Air Toxics Respiratory Hazard Index	36	37
Toxic Releases to Air	99	99
Traffic Proximity	89	99
Lead Paint	94	97
Risk Management Plan (RMP) Facility Proximity	68	69
Hazardous Waste Proximity	57	67
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	97
Wastewater Discharge	90	99

Facility 1-mile Radius  Facility Census Block Group





# Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	4,208
Population Density	1,387/sq.mi.
Housing Units in Area	1,641

General Statistics (ACS (American Community Survey))	
Total Persons	4,226
Percent People of Color	100%
Households in Area	1,308
Households on Public Assistance	81
Persons With Low Income	3,366
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.191606
Center Longitude	-66.300173
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	597 (45.71%)
\$15,000 - \$25,000	292 (22.36%)
\$25,000 - \$50,000	337 (25.8%)
\$50,000 - \$75,000	40 (3.06%)
Greater than \$75,000	40 (3.06%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	251 (6%)
Minors 17 years and younger	1,047 (25%)
Adults 18 years and older	3,161 (75%)
Seniors 65 years and older	630 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,631 (86%)
African-American	263 (6%)
Hispanic-Origin	4,185 (99%)
Asian/Pacific Islander	1 (0%)
American Indian	17 (0%)
Other/Multiracial	295 (7%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	460 (16.62%)
9th through 12th Grade	328 (11.85%)
High School Diploma	712 (25.73%)
Some College/2-year	411 (14.85%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	534 (19.3%)

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### Plant Information

**BETTETOADS ASPHALT PLT. 11**  
 PR 152 KM 1.0 BO. QDA. GRANDE  
 BARRANQUITAS, PR 00794  
 EPA Plant ID: 110010360572

<b>Operating Status:</b>	O	<b>HPV Flag:</b>					
<b>Operating Status Description:</b>	OPERATING	<b>State Registration Number:</b>	PFE-0892-1100				
<b>State County Compliance Source:</b>	7201900018	<b>Government Facility Code Description:</b>	PRIVATELY OWNED/OPERATED				
<b>Region Code:</b>	02	<b>Class Code:</b>	<table border="1"> <tr> <td>B</td> <td></td> </tr> <tr> <td colspan="2"> </td> </tr> </table>	B			
B							
<b>Primary SIC Code:</b>	2951	<b>Class Code Description:</b>	<table border="1"> <tr> <td>POTENTIAL UNCONTROLLED EM</td> <td></td> </tr> <tr> <td colspan="2"> </td> </tr> </table>	POTENTIAL UNCONTROLLED EM			
POTENTIAL UNCONTROLLED EM							

<b>Primary SIC Description:</b>	PAVING MIXTURES AND BLOCK	<b>Compliance Status:</b>	3 <a href="#">i</a>
<b>NAICS Code:</b>	324121	<b>Compliance Status Description:</b>	IN COMPLIANCE - INSPECTIO <a href="#">i</a>
<b>NAICS Code Description:</b>	Asphalt Paving Mixture and Block Manufacturing	<b>Date Plant Information Last Updated:</b>	03/14/2014

**Air Program Information**

Air Program Code	Air Program Description	Air Program Status	Air Program Status Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	3 <a href="#">i</a>	IN COMPLIANCE - INSPECTIO
9	NSPS	O	OPERATING	I	HOT MIX ASPHALT FACILITIES	B	POTENTIAL UNCONTROLLED EM	3 <a href="#">i</a>	IN COMPLIANCE - INSPECTIO

**Pollutant Data**

<b>Air Program Code</b>	<b>Pollutant Code / CAS Number</b>	<b>Pollutant / CAS Description</b>	<b>Attain Indicator</b>	<b>Attain Indicator Description</b>	<b>Pollutant Compliance Status</b>	<b>ES Pollutant Compliance Description</b>	<b>Pollutant Class Code</b>	<b>Pollutant Class Description</b>
0	CO	CARBON MONOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	PM10	PARTICULATE MATTER < 10 UM	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	PT	TOTAL PARTICULATE MATTER	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	SO2	SULFUR DIOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	VE	VISIBLE EMISSIONS	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
0	VOC	VOLATILE ORGANIC COMPOUNDS	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	CO	CARBON MONOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM

<b>Air Program Code</b>	<b>Pollutant Code / CAS Number</b>	<b>Pollutant / CAS Description</b>	<b>Attain Indicator</b>	<b>Attain Indicator Description</b>	<b>Pollutant Compliance Status</b>	<b>ES Pollutant Compliance Description</b>	<b>Pollutant Class Code</b>	<b>Pollutant Class Description</b>
9	PM10	PARTICULATE MATTER < 10 UM	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	PT	TOTAL PARTICULATE MATTER	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	SO2	SULFUR DIOXIDE	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM
9	VOC	VOLATILE ORGANIC COMPOUNDS	A	ATTAINMENT AREA FOR A GIV	3	IN COMPLIANCE - INSPECTIO	B	POTENTIAL UNCONTROLLED EM

**Compliance Monitoring Strategy**

<b>CMS Start Date</b>	<b>FY2008 CMS Indicator</b>	<b>FY2008 CMS Indicator Description</b>	<b>FY2009 CMS Indicator</b>	<b>FY2009 CMS Indicator Description</b>

**Plant Actions**

<b>Action Number</b>	<b>Key Action Numbers</b>	<b>Air Program Codes</b>	<b>National Action Type</b>	<b>National Action Description</b>	<b>Action Type</b>	<b>Action Description</b>	<b>Date Achieved</b>	<b>Penalty Amount</b>	<b>Results Code</b>	<b>Results Code Description</b>	<b>Pollutant Code</b>	<b>Regional Data Element</b>
00008		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	19-FEB-04		03	ACTION PENDING.		
00008		9	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	19-FEB-04		03	ACTION PENDING.		
00007		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	05-SEP-02		MC	IN COMPLIANCE		
00007		9	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	05-SEP-02		MC	IN COMPLIANCE		
00006		0	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	19-OCT-01		MC	IN COMPLIANCE		
00006		9	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	19-OCT-01		MC	IN COMPLIANCE		
00005		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	22-MAY-01		MV	IN VIOLATION		
00005		9	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	22-MAY-01		MV	IN VIOLATION		



Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element
00004		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	04-AUG-00		MV	IN VIOLATION		
00003		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	16-JUL-99		MC	IN COMPLIANCE		
00003		9	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	16-JUL-99		MC	IN COMPLIANCE		
00002		0	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	07-AUG-97		MV	IN VIOLATION		
00002		9	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	07-AUG-97		MV	IN VIOLATION		
00001		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	04-NOV-94		MU	UNKNOWN CMST		
00001		9	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	04-NOV-94		MU	UNKNOWN CMST		



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<<https://www.epa.gov/home/wwwepagov-snapshots>>

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### **No FEAR Act Data**

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## Follow.





# Detailed Facility Report

## Facility Summary

COLOCO READY MIX, INC.

PR-152 KM 1.0, BARRANQUITAS, PR 00794

FRS (Facility Registry Service) ID: 110066888087

EPA Region: 02

Latitude: 18.191704

Longitude: -66.298503

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	Significant/Category I Noncompliance
Qtrs in Noncompliance (of 12)	12
Qtrs with Significant Violation	12
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 (PRR053194)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

## Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110066888087					N	18.191704	-66.298503
ICIS-NPDES	CWA	PRR053194	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.191704	-66.298503

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		11006688087	COLOCO READY MIX, INC.	PR-152 KM 1.0, BARRANQUITAS, PR 00794	
ICIS-NPDES	CWA	PRR053194	COLOCO READY MIX, INC.	PR-152, KM. 1.0, BARRANQUITAS, PR 00794	Barranquitas Municipio

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRR053194	3273	Ready-Mixed Concrete

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

## Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR053194	Yes	12/31/2023	12	03/15/2024

## Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9
CWA	(Source ID: PRR053194)	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23
	Facility-Level Status	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance
	Quarterly Noncompliance Report History	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received
	Late or Missing Discharge Monitoring Report (DMR) Measurements									
	Counts of Missing DMR Measurements	2		1	1	1	2	1	1	1

### 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 (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?
210100050704	Rio Usabon	NATURAL DRAIN TOWARD RIO USABON	No	No	Coliform, fecal general	Yes

## Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRER1011	RIO USABON	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	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: 720199522011	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	0	--
Ozone	0	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	36	39
Air Toxics Respiratory Hazard Index	36	37
Toxic Releases to Air	99	99
Traffic Proximity	89	99
Lead Paint	94	97

Facility 1-mile Radius  Facility Census Block Group





Census Block Group ID: 720199522011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Risk Management Plan (RMP) Facility Proximity	68	69
Hazardous Waste Proximity	57	67
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	97
Wastewater Discharge	90	93

300 mi



Earthstar Geographics | U.S. Environmental Protection Agency | Powered by Esri <<http://www.esri.com/>>

## 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	4,035
Population Density	1,318/sq.mi.
Housing Units in Area	1,577

General Statistics (ACS (American Community Survey))	
Total Persons	3,959
Percent People of Color	100%
Households in Area	1,235
Households on Public Assistance	72
Persons With Low Income	3,153
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.191704
Center Longitude	-66.298503
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	563 (45.59%)
\$15,000 - \$25,000	280 (22.67%)
\$25,000 - \$50,000	314 (25.43%)
\$50,000 - \$75,000	40 (3.24%)
Greater than \$75,000	38 (3.08%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	234 (6%)
Minors 17 years and younger	998 (25%)
Adults 18 years and older	3,038 (75%)
Seniors 65 years and older	614 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,494 (87%)
African-American	246 (6%)
Hispanic-Origin	4,018 (100%)
Asian/Pacific Islander	2 (0%)
American Indian	17 (0%)
Other/Multiracial	278 (7%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	436 (16.9%)
9th through 12th Grade	310 (12.02%)
High School Diploma	667 (25.85%)
Some College/2-year	368 (14.26%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	497 (19.26%)



# Detailed Facility Report

## Facility Summary

**PUERTO RICO ASPHALT, LLC - BARRANQUITAS**

**PR 152 KM 1.0 INTERIOR BO. QUEBRADA GRANDE,  
BARRANQUITAS, PR 00794**

**FRS (Facility Registry Service) ID:** 110071073694

**EPA Region:** 02

**Latitude:** 18.193426

**Longitude:** -66.301257

**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	--
<b>Compliance Status</b>	<b>No Violation Identified</b>
Qtrs in Noncompliance (of 12)	7
Qtrs with Significant Violation	6
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 (PRR05J01W)

**Resource Conservation and Recovery Act (RCRA):** No Information

**Safe Drinking Water Act (SDWA):** No Information

## Other Regulatory Reports

**Air Emissions Inventory (EIS):** No Information

**Greenhouse Gas Emissions (eGGRT):** No Information

**Toxic Releases (TRI):** No Information

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

Go To Enforcement/Compliance Details

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

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071073694					N	18.193426	-66.301257
ICIS-NPDES	CWA	PRR05J01W	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.193426	-66.301257

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071073694	PUERTO RICO ASPHALT, LLC - BARRANQUITAS	PR 152 KM 1.0 INTERIOR BO. QUEBRADA GRANDE, BARRANQUITAS, PR 00794	Barranquitas Municipio
ICIS-NPDES	CWA	PRR05J01W	PUERTO RICO ASPHALT, LLC - BARRANQUITAS	PR 152 KM 1.0 INTERIOR BO. QUEBRADA GRANDE, BARRANQUITAS, PR 00794	

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRR05J01W	2951	Asphalt Paving Mixtures And Blocks

## 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)
CWA	PRR05J01W	ICIS (NPDES)	Information Request	Formal	EPA	06/05/2023	

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

### Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR05J01W	No	12/31/2023	7	03/15/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
CWA	(Source ID: PRR05J01W)	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
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Violation Identified
	Quarterly Noncompliance Report History					Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Reportable Noncompliance
	Late or Missing Discharge Monitoring Report (DMR) Measurements											
	Counts of Late DMR Measurements					17		1	1			
	Counts of Missing DMR Measurements				1		1	16				

### 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?
210100050704	Rio Usabon	PADILLA CREEK	No	No	--	Yes

## Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRER1011	RIO USABON	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	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

Facility 1-mile Radius  Facility Census Block Group

Census Block Group ID: 720199522011	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	0	--
Ozone	0	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	36	39
Air Toxics Respiratory Hazard Index	36	37
Toxic Releases to Air	<b>1</b> 99	<b>1</b> 99



Census Block Group ID: 720199522011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Traffic Proximity	89	99
Lead Paint	94	97
Risk Management Plan (RMP) Facility Proximity	68	69
Hazardous Waste Proximity	57	67
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	97
Wastewater Discharge	90	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	4,257
Population Density	1,390/sq.mi.
Housing Units in Area	1,652

General Statistics (ACS (American Community Survey))	
Total Persons	4,104
Percent People of Color	100%
Households in Area	1,270
Households on Public Assistance	81
Persons With Low Income	3,236
Percent With Low Income	80%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.193426
Center Longitude	-66.301257
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	573 (44.98%)
\$15,000 - \$25,000	287 (22.53%)
\$25,000 - \$50,000	329 (25.82%)
\$50,000 - \$75,000	42 (3.3%)
Greater than \$75,000	43 (3.38%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	261 (6%)
Minors 17 years and younger	1,069 (25%)
Adults 18 years and older	3,188 (75%)
Seniors 65 years and older	621 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,664 (86%)
African-American	268 (6%)
Hispanic-Origin	4,233 (99%)
Asian/Pacific Islander	2 (0%)
American Indian	18 (0%)
Other/Multiracial	305 (7%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	447 (16.56%)
9th through 12th Grade	325 (12.04%)
High School Diploma	688 (25.49%)
Some College/2-year	397 (14.71%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	536 (19.86%)





# Detailed Facility Report

## Facility Summary

BETTERCYCLING CORPORATION - BARRANQUITAS

PR-152 KM. 1.0, BARRANQUITAS, PR 00794

FRS (Facility Registry Service) ID: 110069605779

EPA Region: 02

Latitude: 18.193676

Longitude: -66.301819

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	Terminated Permit
Qtrs in Noncompliance (of 12)	3
Qtrs with Significant Violation	3
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 Terminated; Compliance Tracking Off (PRR053303)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

## Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110069605779					N	18.193676	-66.301819
ICIS-NPDES	CWA	PRR053303	Non-Major: General Permit Covered Facility	Terminated; Compliance Tracking Off	Industrial Stormwater	06/03/2020	N	18.193503	-66.301206

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110069605779	BETTERECYCLING CORPORATION - BARRANQUITAS	PR-152 KM. 1.0, BARRANQUITAS, PR 00794	
ICIS-NPDES	CWA	PRR053303	BETTERECYCLING CORPORATION - BARRANQUITAS	PR-152 KM. 1.0, BARRANQUITAS, PR 00794	Barranquitas Municipio

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRR053303	2951	Asphalt Paving Mixtures And Blocks

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

### Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR053303	No	12/31/2023	3	03/15/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13
CWA	(Source ID: PRR053303)	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	01/01-03/15/24
	Facility-Level Status	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received										
	Late or Missing Discharge Monitoring Report (DMR) Measurements													
	Counts of Missing DMR Measurements	1												

### 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?
210100050704	Rio Usabon	QUEBRADA PADILLA (CREEK)	No	No	--	Yes

## Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRER1011	RIO USABON	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	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

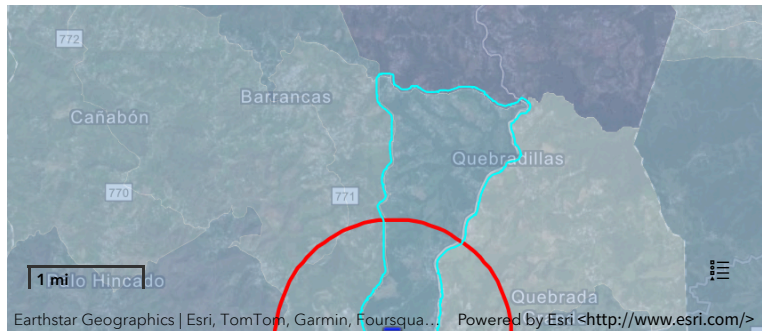
Download Data

Facility 1-mile Radius  Facility Census Block Group

Census Block Group ID: 720199522011	US (Percentile)	
	Supplemental Indexes	Facility Census Block Group 1-mile Max
<b>Count of Indexes At or Above 80th Percentile</b>	<b>5</b>	<b>5</b>
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	36	39
Air Toxics Respiratory Hazard Index	36	37
Toxic Releases to Air	<b>1</b> 99	<b>1</b> 99
Traffic Proximity	<b>1</b> 89	<b>1</b> 99
Lead Paint	<b>1</b> 94	<b>1</b> 97



Census Block Group ID: 720199522011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Risk Management Plan (RMP) Facility Proximity	68	69
Hazardous Waste Proximity	57	67
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	97
Wastewater Discharge	90	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	4,344
Population Density	1,432/sq.mi.
Housing Units in Area	1,688

General Statistics (ACS (American Community Survey))	
Total Persons	4,147
Percent People of Color	100%
Households in Area	1,283
Households on Public Assistance	82
Persons With Low Income	3,267
Percent With Low Income	80%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.193676
Center Longitude	-66.301819
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	575 (44.92%)
\$15,000 - \$25,000	288 (22.5%)
\$25,000 - \$50,000	329 (25.7%)
\$50,000 - \$75,000	42 (3.28%)
Greater than \$75,000	46 (3.59%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	269 (6%)
Minors 17 years and younger	1,098 (25%)
Adults 18 years and older	3,246 (75%)
Seniors 65 years and older	632 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	3,738 (86%)
African-American	273 (6%)
Hispanic-Origin	4,318 (99%)
Asian/Pacific Islander	2 (0%)
American Indian	19 (0%)
Other/Multiracial	313 (7%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	447 (16.38%)
9th through 12th Grade	327 (11.98%)
High School Diploma	695 (25.47%)
Some College/2-year	405 (14.84%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	544 (19.93%)

# EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

## Barranquitas Municipio, PR

1 mile Ring around the Area  
Population: 3,228  
Area in square miles: 3.32

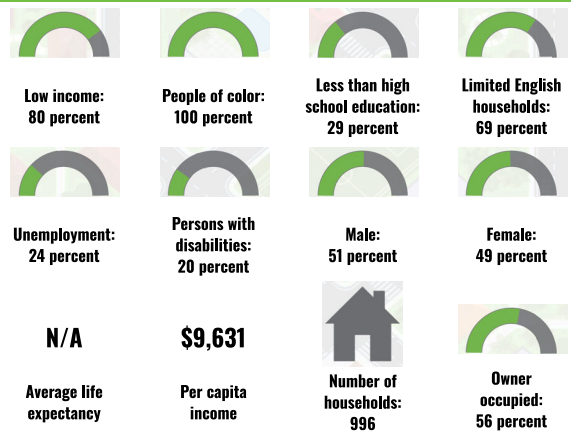
A3 Landscape



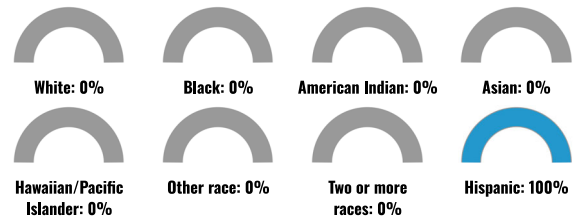
### LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	5%
Spanish	95%
Total Non-English	95%

### COMMUNITY INFORMATION



### BREAKDOWN BY RACE



### BREAKDOWN BY AGE



### LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.



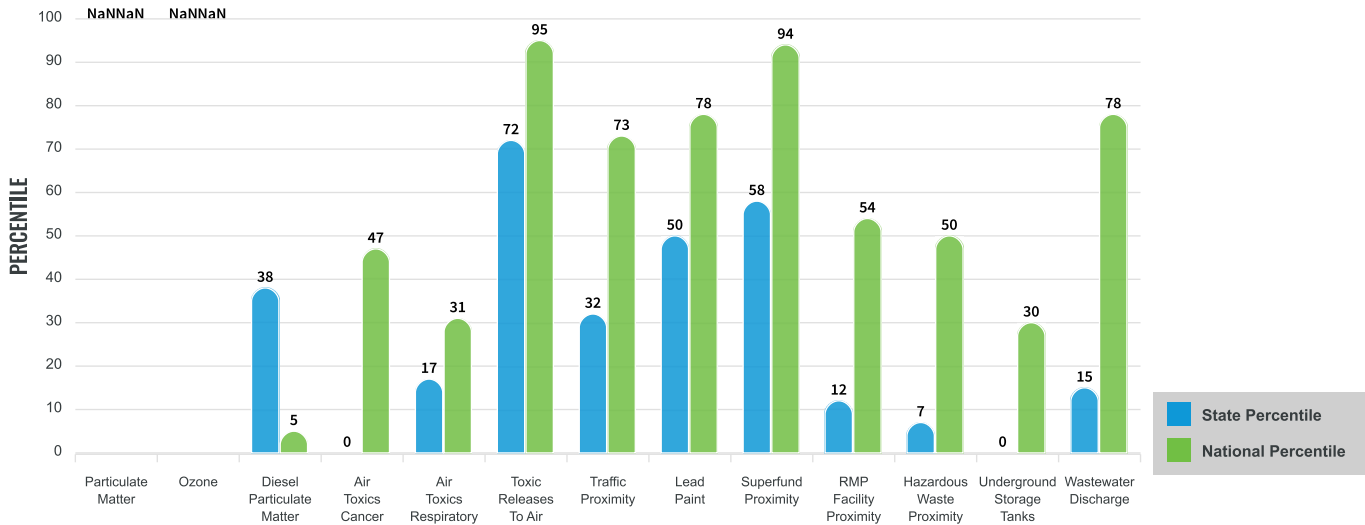
# Environmental Justice & Supplemental Indexes

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

## EJ INDEXES

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

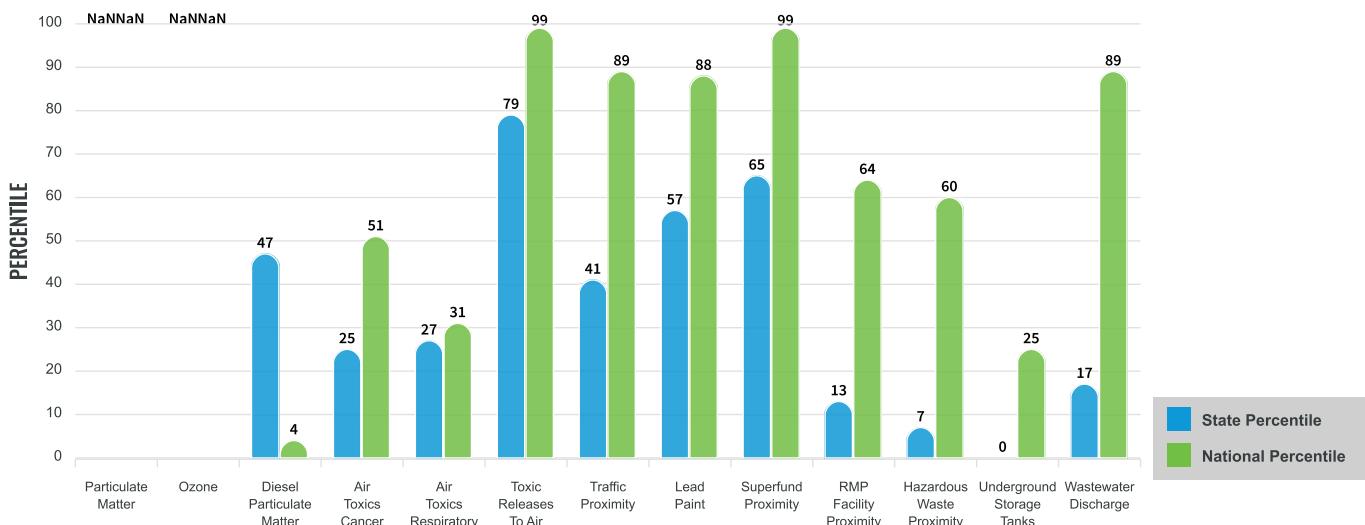
### EJ INDEXES FOR THE SELECTED LOCATION



## SUPPLEMENTAL INDEXES

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

### SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



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

Report for 1 mile Ring around the Area

# EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
<b>POLLUTION AND SOURCES</b>					
Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	N/A	N/A	N/A	8.08	N/A
Ozone (ppb)	N/A	N/A	N/A	61.6	N/A
Diesel Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	0.0278	0.0667	38	0.261	1
Air Toxics Cancer Risk* (lifetime risk per million)	16	20	0	25	1
Air Toxics Respiratory HI*	0.16	0.19	0	0.31	1
Toxic Releases to Air	1,500	4,300	69	4,600	66
Traffic Proximity (daily traffic count/distance to road)	43	180	38	210	37
Lead Paint (% Pre-1960 Housing)	0.099	0.16	51	0.3	35
Superfund Proximity (site count/km distance)	0.092	0.15	57	0.13	64
RMP Facility Proximity (facility count/km distance)	0.064	0.47	11	0.43	16
Hazardous Waste Proximity (facility count/km distance)	0.07	0.76	6	1.9	14
Underground Storage Tanks (count/km <sup>2</sup> )	0.15	1.7	0	3.9	30
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0003	2.3	19	22	38
<b>SOCIOECONOMIC INDICATORS</b>					
Demographic Index	90%	83%	60	35%	98
Supplemental Demographic Index	51%	43%	70	14%	99
People of Color	100%	96%	29	39%	97
Low Income	80%	70%	59	31%	97
Unemployment Rate	24%	15%	77	6%	97
Limited English Speaking Households	69%	67%	47	5%	99
Less Than High School Education	29%	21%	70	12%	90
Under Age 5	7%	4%	85	6%	68
Over Age 64	18%	22%	35	17%	60
Low Life Expectancy	N/A	N/A%	N/A	20%	N/A

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

## Sites reporting to EPA within defined area:

Superfund .....	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities .....	0
Water Dischargers .....	5
Air Pollution .....	1
Brownfields .....	0
Toxic Release Inventory .....	0

## Other community features within defined area:

Schools .....	2
Hospitals .....	0
Places of Worship .....	1

## Other environmental data:

Air Non-attainment .....	No
Impaired Waters .....	Yes

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

Report for 1 mile Ring around the Area

# EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	N/A	N/A	20%	N/A
Heart Disease	N/A	N/A	N/A	6.1	N/A
Asthma	N/A	N/A	N/A	10	N/A
Cancer	N/A	N/A	N/A	6.1	N/A
Persons with Disabilities	20%	21.6%	39	13.4%	86

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

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	33%	32%	57	14%	91
Lack of Health Insurance	2%	7%	8	9%	15
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	No	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for 1 mile Ring around the Area

**APPENDIX D**  
Endangered Species



## United States Department of the Interior

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



In Reply Refer to:  
FWS/R4/CESFO/72019-Gen

Submitted Via Electronic Mail: [jcperez@vivienda.pr.gov](mailto:jcperez@vivienda.pr.gov)

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

Re: CDBG-DR PR-RGRW-01190 Agroeduc Inc.,  
Barranquitas, Puerto Rico

Dear Mr. Pérez-Bofill

Thank you for your letter dated September 27, 2024, requesting informal consultation on the above referenced project. As per your request, our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The Puerto Rico Department of Housing (PRDOH) is proposing the purchase and construction of a new warehouse structure to be installed on a concrete pad (60 feet (Ft) x 40 Ft) on State Road PR-152, Km. 1.8 Int., Quebradillas Ward (18°11'43.7"N 66°17'39.1"W) in the municipality of Barranquitas. According to PRDOH, the proposed project area is an empty lot consisting of dirt on the front half and short grasses on the back half. Trees will not be removed during this project.

Using the U.S. Fish and Wildlife Service's (Service) Information for Planning and Consultation (IPaC) system, the PRDOH has determined that the proposed project site is located within the range of Puerto Rican boa (*Chilabothrus inornatus*) and Puerto Rican plain pigeon (*Patagioenas inornata wetmorei*).

PRDOH used the Caribbean Determination Key (DKey) in the IPaC application to evaluate the potential impacts of the proposed project on federally listed species (Project code: 2024-0050334). Based on the answers provided, a consistency letter was obtained for the Puerto Rican boa, which determined that the proposed actions for this project will have no effect (NE) on this species. As for the Puerto Rican plain pigeon, a consultation is required.



Based on the nature of the project, scope of work, information available, and analysis of the existing habitat (the area has been maintained for agricultural purposes for the past 30 years), PRDOH has determined that the proposed project may affect, but is not likely to adversely affect (NLAA) the Puerto Rican boa instead of the NE obtained by using the DKey. As for the Puerto Rican plain pigeon, PRDOH has determined that the proposed actions will NLAA this species. Conservation measures will be implemented in case an encounter with these species occur.

We have reviewed the information provided and in our files, and concur with PRDOH's determination that the proposed project may affect, but is not likely to adversely affect the above mentioned species with the implementation of the conservation measures.

In view of this, we believe that requirements of section 7 of the Endangered Species Act (Act) have been satisfied. However, obligations under section 7 of the Act must be reconsidered if: (1) new information reveals impact of this identified action that may affect listed species or critical habitat in a manner that was not previously considered; (2) this action is subsequently modified in a manner not previously considered in this assessment; or, (3) a new species is listed, or critical habitat determined that may be affected by the identified action.

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

Sincerely,

LOURDES  
MENA

Digitally signed by  
LOURDES MENA  
Date: 2024.11.23  
15:41:25 -04'00'

Lourdes Mena  
Field Supervisor

dr

cc:

HUD



September 27, 2024

Lourdes Mena  
Field Supervisor  
Caribbean Ecological Services Field Office  
U.S. Fish and Wildlife Service  
Office Park I, Suite 303  
State Road #2 Km 156.5  
Mayagüez, Puerto Rico 00680

Email: [Caribbean\\_es@fws.gov](mailto:Caribbean_es@fws.gov); [Lourdes\\_Mena@fws.gov](mailto:Lourdes_Mena@fws.gov)

**RE: Puerto Rico Department of Housing / Re-Grow Program  
PR-RGRW-01190 – AGROEDUC INC.  
Endangered Species Concurrence for NLAA Determination**

Dear Ms. Mena:

The Puerto Rico Department of Housing (PRDOH) is requesting an informal consultation under Section 7 (a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the proposed project PR-RGRW-01190, located at PR-152 Road Km 1.8 Int, Quebradillas Ward, Barranquitas, PR 00794 (Parcel ID# 247-063-269-25).

The project is part of the Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) that aims to increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities.

The proposed activities for PR-RGRW-01192 consist in the purchase and construction of a new warehouse structure. The scope of work (SOW) for this project is the construction of a metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to construct the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be located at coordinates 18.195466, -66.294194.

Surrounding landscape includes an isolated patch of forest to the west, with rural developments to the north, east, and south. The proposed project area is an empty lot consisting of dirt on the front half and short grasses on the back half. Trees will not be removed during this project. The National Wetlands Inventory indicated that no

wetlands are located within the parcel.

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:

Name of the species	Threatened/Endangered/Candidate
Puerto Rican Plain Pigeon ( <i>Patagioenas inornata wetmorei</i> )	Endangered
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Endangered
Critical Habitat	
There are no critical habitats at this location.	

Based on site review and site photos, no suitable habitat was found within the proposed project area for the listed species.

The Puerto Rican Boa habitat requirements per the U.S. Fish and Wildlife Service are as follows: "The Puerto Rican Boa is considered a habitat generalist and tolerates a wide variety of habitat types (terrestrial and arboreal). These include: rocky areas and haystack hills, trees and branches, rotting stumps, caves (entrances and inside), plantations, various types of forested areas such as karst and mangrove forests, forested urban and rural areas, and along streams and road edges. Cave ecosystems and their surrounding forests are considered particularly important because of the availability of such ecological resources such as prey, shelter, thermal gradients, and mates for reproduction."

The Puerto Rican Plain Pigeon habitat requirements per the U.S. Fish and Wildlife Service are as follows: "Approximately 70 percent of the foods come from tree branches, and 30 percent from the ground. Principal foods at Cidra are royal palm (*Roystonea borinquena*); mountain immortal (*Erythrina poeppigiana*); West Indies trema (*Trema lamarckiana*); and white prickly (*Zanthoxylum martinicense*). Water is usually taken from the axils of bromeliads or from water-retaining blossoms of the African tulip-tree. Nesting occurs primarily in bamboo groves and the hardwood canyons of Cidra."

Based on the nature of the project, previous site disturbance, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, we have made the following effects determinations:

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican Plain Pigeon ( <i>Patagioenas inornata wetmorei</i> )	Not Likely to Adversely Affect (NLAA)	USFWS Puerto Rican Plain Pigeon Conservation Measures
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Not Likely to Adversely Affect (NLAA)	USFWS Puerto Rican Boa Conservation Measures 2024

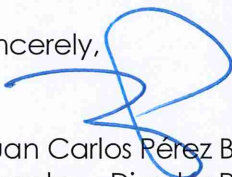
Given the current land use and frequent disturbance and lack of sightings of the listed species within the vicinity, PRDOH has determined that the project is not likely to adversely affect the listed species provided the attached Conservation Measures are implemented as part of the proposed project. The automated informal consultation process was completed on September 6<sup>th</sup> through USFWS Information for Planning and Consultation website (<https://ipac.ecosphere.fws.gov/>).

In order to complete the informal consultation process, we are requesting your concurrence for the NLAA determinations included in this letter. Attached to this letter, we are including the documents used to reach our effect determinations for the listed species.

For any questions or clarifications, please do not hesitate to contact us at the information below.

Thank you in advance for your consideration of this issue.

Sincerely,



Juan Carlos Pérez Bofill, PE, MEng.  
Director – Disaster Recovery, CDBG-DR/MIT Program  
[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) | 787.274.2527 ext. 4320

**Attachments:**

Appendix A:

- Figure 1 – Project Location Map
- Figure 2 – Area of Potential Effect Map
- Figure 3 – Wetland Map
- Figure 4 – Endangered Species Map
- Figure 5 – Critical Habitats Map
- Figure 6 – Farmland Protection Map

Appendix B: Species List Caribbean Ecological Services and Consistency Letter

Appendix C: Site Photos






Appendix D: USFWS Puerto Rican Plain Pigeon Conservation Measures

Appendix E: USFWS Puerto Rican Boa Conservation Measures 2024

## Appendix A: Figures





- Legend**
-  Project Parcel
  -  Parcels
  -  Area of Potential Effect
  -  Power connections
  -  Water connections

**PUERTO RICO**



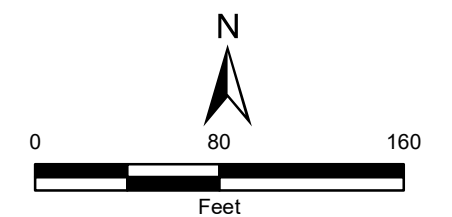
**PROJECT LOCATION**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



Source: CRIM  
<https://catastro.crimpr.net/cdprpc/>

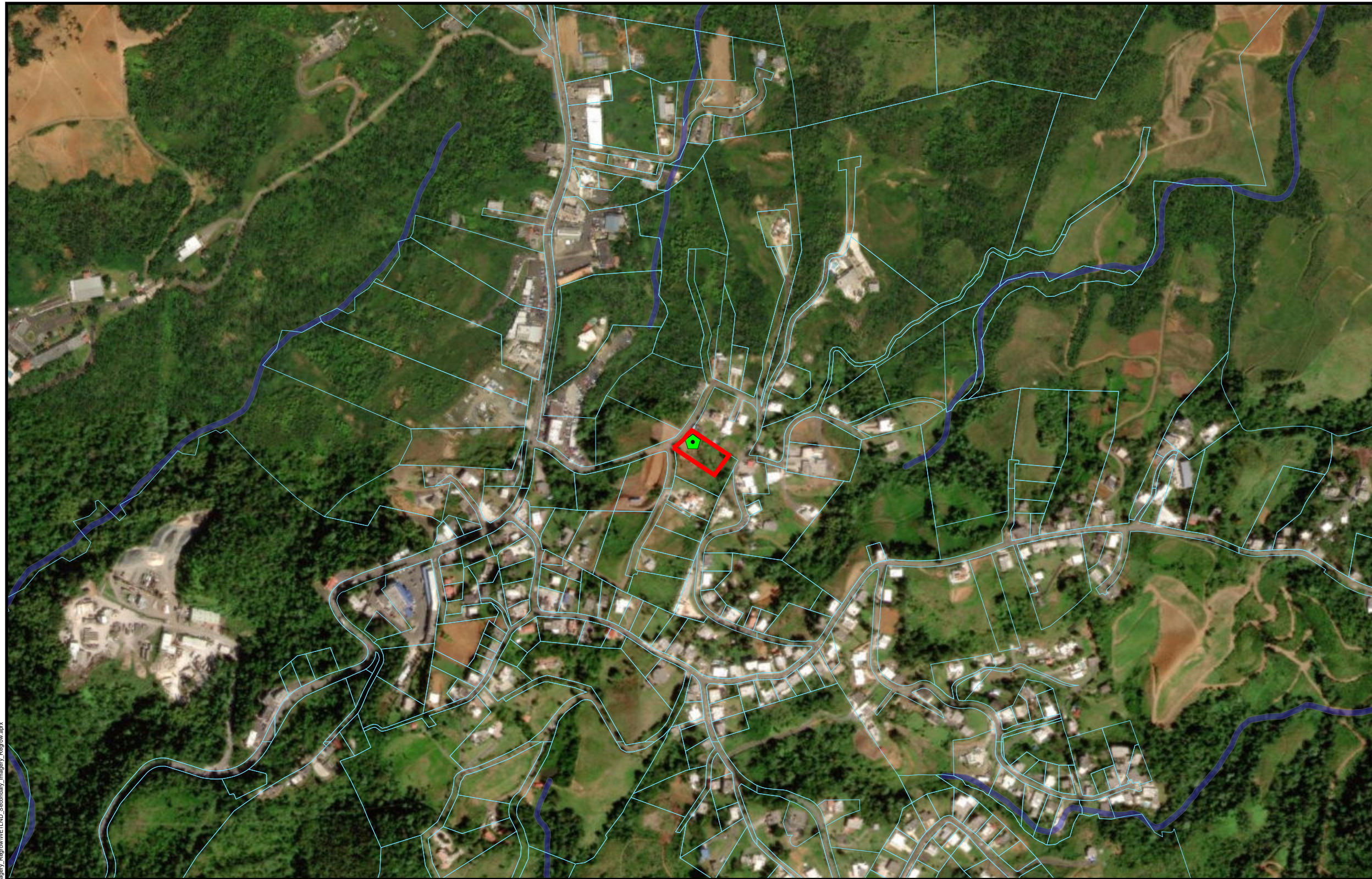
Author: TG      Date: 3/14/2024











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

**PUERTO RICO**



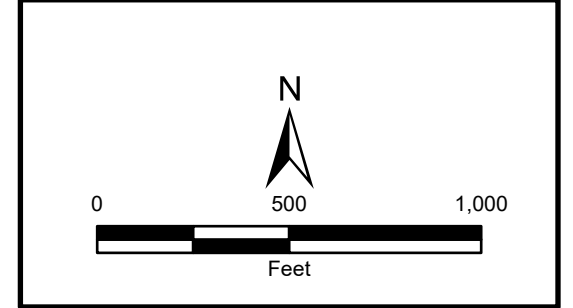
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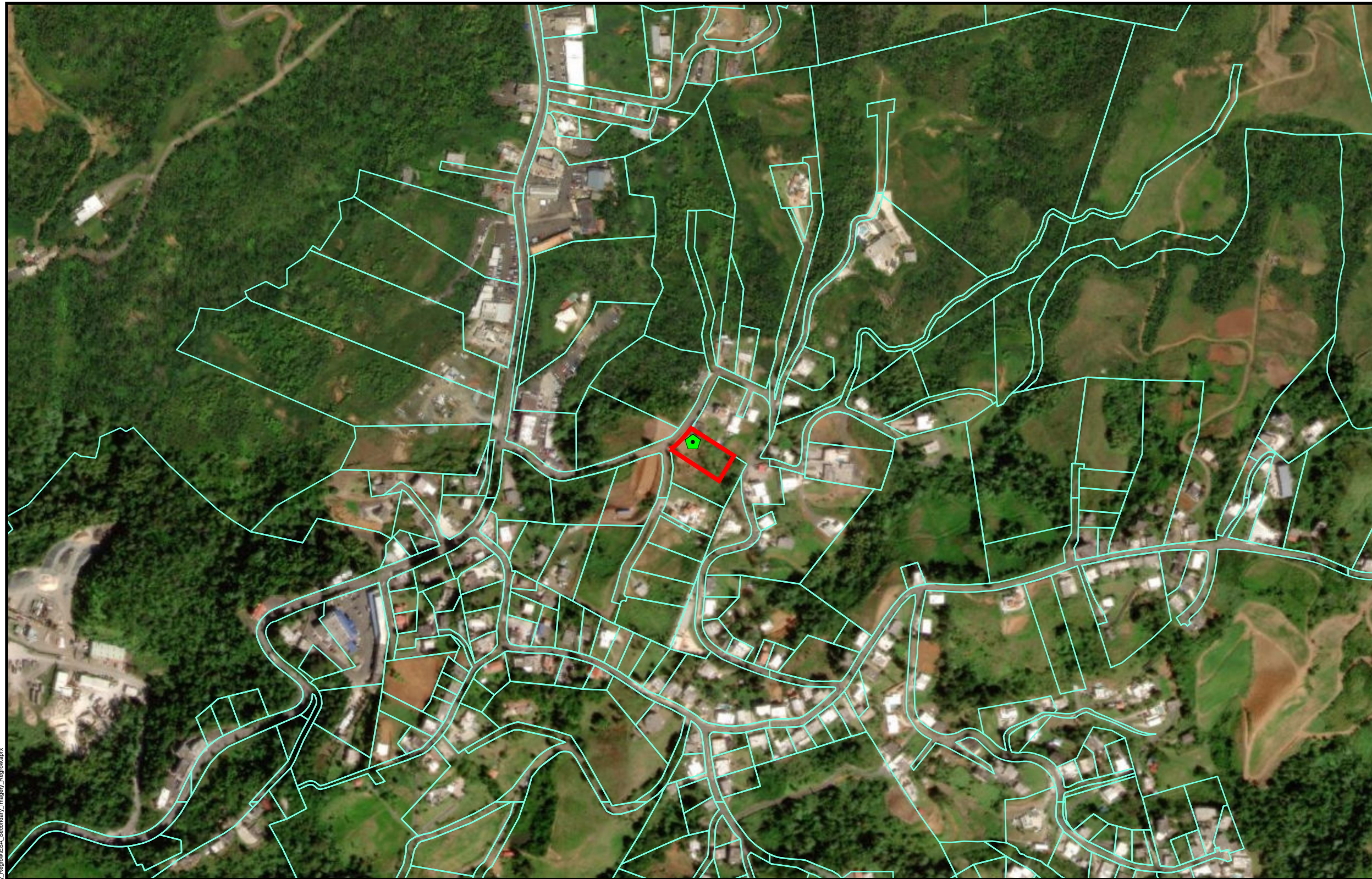
Source: U. S. Fish & Wildlife Service  
<https://www.fws.gov>

Author: TG Date: 11/3/2023

**WETLANDS**  
**APPLICANT ID: PR-RGRW-01190**  
**ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794**  
 Name of Development: AGROEDUC INC  
 Parcel Coordinates: 18.195466, -66.294194







**Legend**

-  Project Parcel
-  Parcels
-  Area of Potential Effect
-  Area of Critical Habitat

**PUERTO RICO**



**ENDANGERED SPECIES ACT  
 APPLICANT ID: PR-RGRW-01190**

**ADDRESS: Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794**

**Name of Development: AGROEDUC INC**

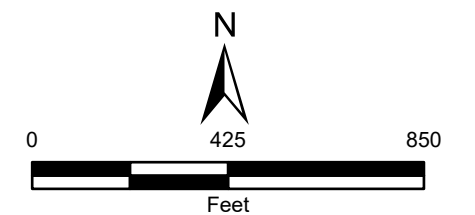
**Parcel Coordinates: 18.195466, -66.294194**



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

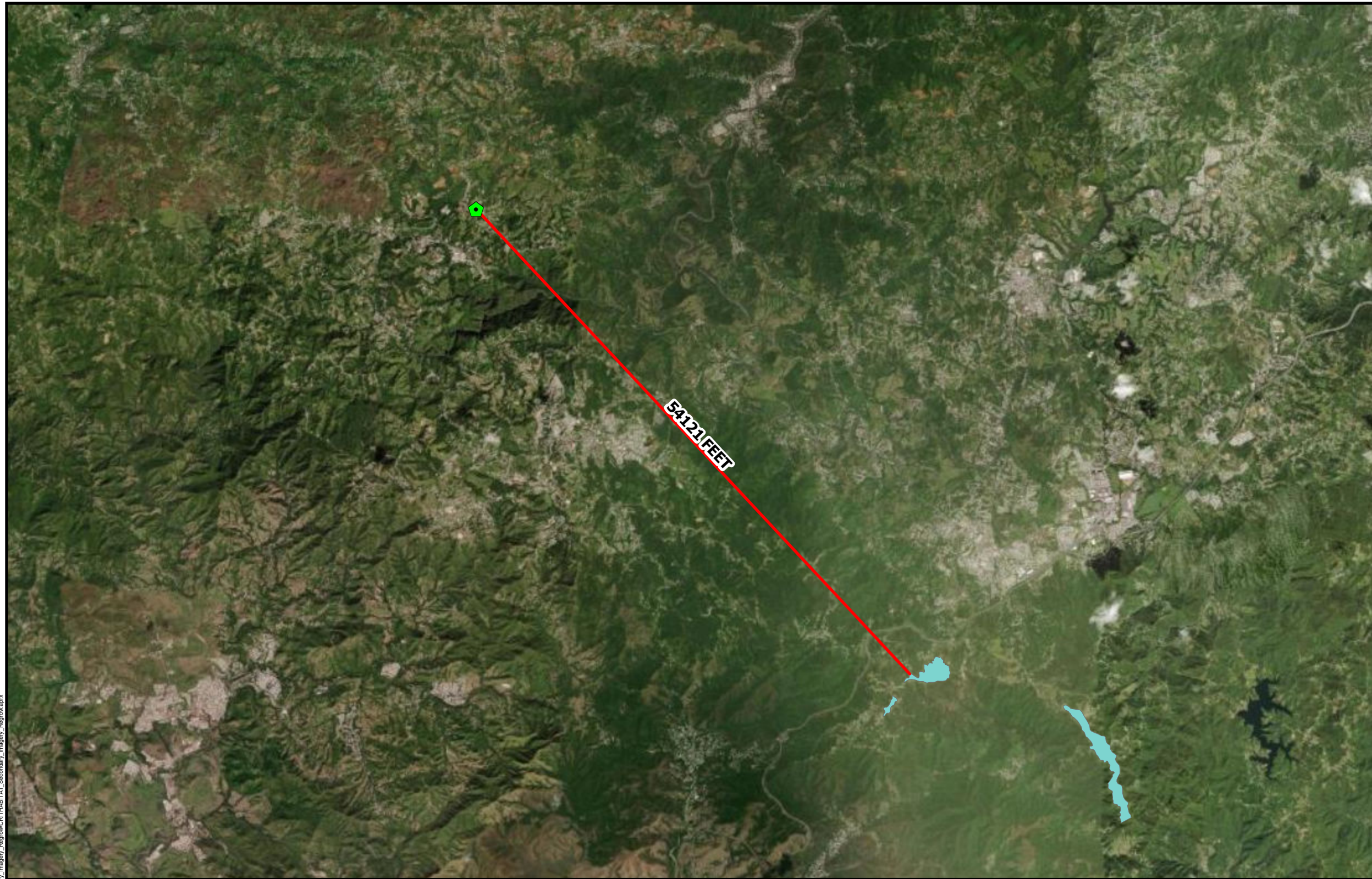
Author: TG

Date: 11/27/2023



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- Legend**
- ▣ Project Parcel
  - Common Name**
  - ▣ Golden coqui

Distance to Nearest Critical Habitat:  
54121 Feet

**PUERTO RICO**



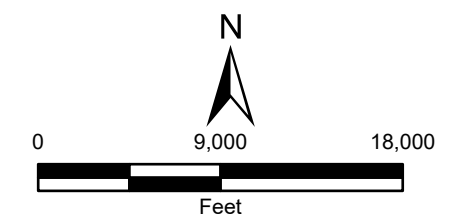
**CRITICAL HABITATS**  
**APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



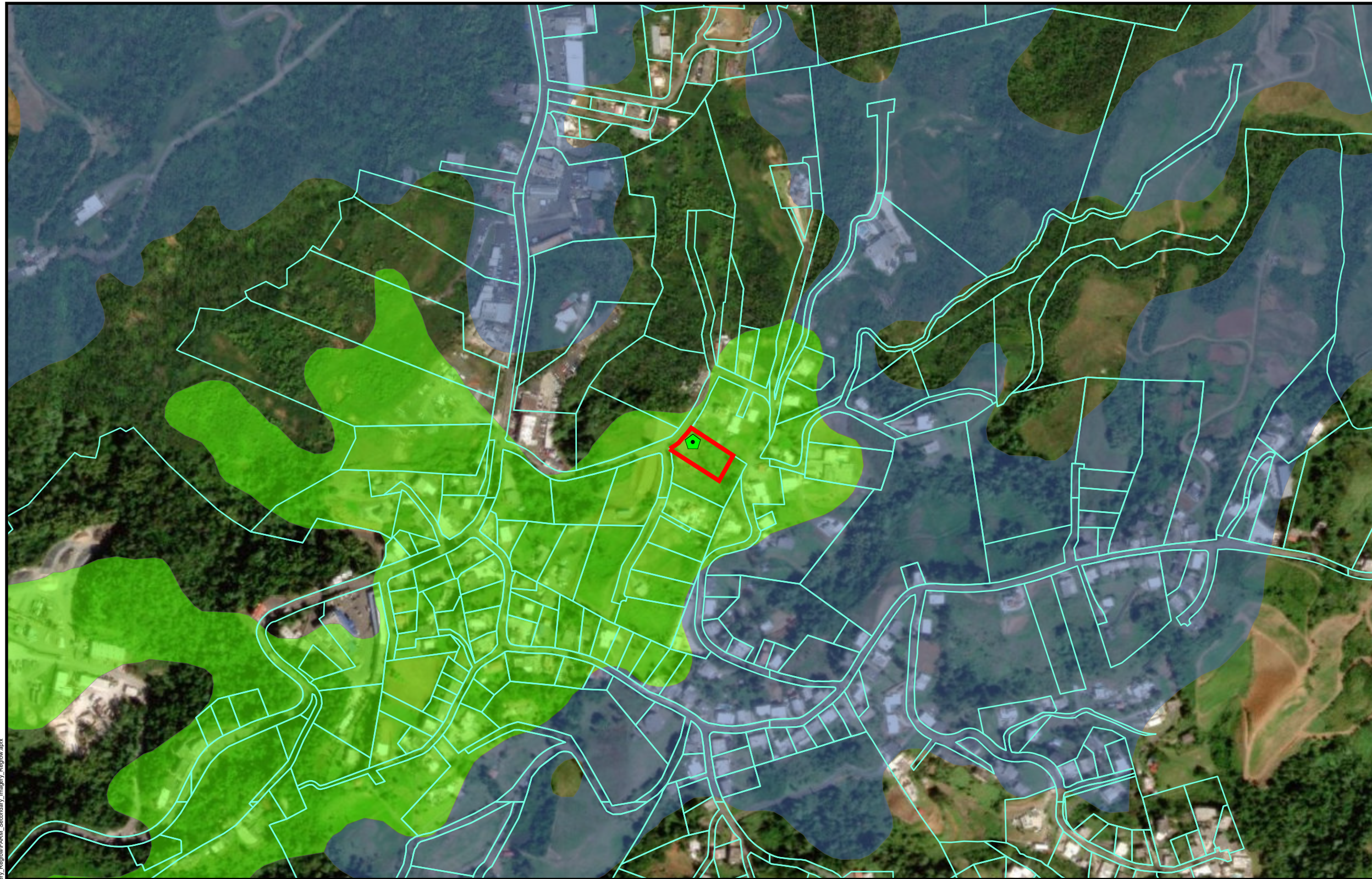
Source: U.S. FISH & WILDLIFE SERVICE  
<https://ecos.fws.gov>

Author: TG Date: 11/3/2023



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**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

Area of Potential Effect

**PUERTO RICO**



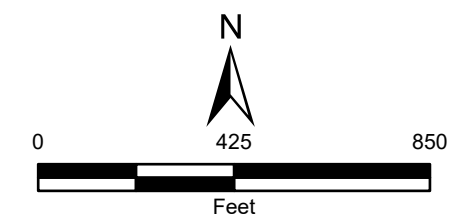
**FARMLAND PROTECTION  
 APPLICANT ID: PR-RGRW-01190**

**ADDRESS:** Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, PR 00794  
**Name of Development:** AGROEDUC INC  
**Parcel Coordinates:** 18.195466, -66.294194



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

Author: TG Date: 11/3/2023



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Appendix B:  
Species List Caribbean Ecological Services and  
Consistency Letter





## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Caribbean Ecological Services Field Office  
Post Office Box 491  
Boqueron, PR 00622-0491  
Phone: (939) 320-3135 Fax: (787) 851-7440  
Email Address: [CARIBBEAN\\_ES@FWS.GOV](mailto:CARIBBEAN_ES@FWS.GOV)

In Reply Refer To:  
Project Code: 2024-0050334  
Project Name: PR-RGRW-01190

09/23/2024 17:37:28 UTC

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

To Whom It May Concern:

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

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

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

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

to [caribbean\\_es@fws.gov](mailto:caribbean_es@fws.gov). To obtain guidance for completing this process and the minimum requirements for project packages, please visit:

<https://www.fws.gov/sites/default/files/documents/consultation-under-section-7-of-the-endangered-species-act-with-the-caribbean-ecological%20Services-field-office-template-letter.pdf>

When a federal agency, after discussions with the Service, determines that the proposed action is not likely to adversely affect any listed species, or adversely modify any designated critical habitat, and the Service concurs, the informal consultation is complete, and the proposed project moves ahead. If the proposed action is suspected to affect a listed species or modify designated critical habitat, the Federal agency may then prepare a Biological Assessment (B.A.) to assist in its determination of the project's effects on species and their habitat. However, a B.A. is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a B.A. where the agency provides the Service with an evaluation on the likely effects of the action to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a B.A. are described at 50 CFR 402.12.

If a federal agency determines, based on its B.A. or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to further consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species, and proposed critical habitat be addressed within the consultation process. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species.

This list is provided pursuant to Section 7 of the Endangered Species Act and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". Please use this list to determine whether your project requires consultation and to make your effects determination. For more guidance, use the Guideline for Consultation under Section 7 of the Endangered Species Act with the Caribbean Ecological Services Field Office by clicking [here](#).

This species list is provided by:



Caribbean Ecological Services Field Office

[caribbean\\_es@fws.gov](mailto:caribbean_es@fws.gov)

Post Office Box 491

Boqueron, PR 00622-0491

(786) 244-0081

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Caribbean Ecological Services Field Office**

Post Office Box 491

Boqueron, PR 00622-0491

(939) 320-3135

## PROJECT SUMMARY

Project Code: 2024-0050334

Project Name: PR-RGRW-01190

Project Type: Restoration / Enhancement - Agricultural

Project Description: The proposed project includes the purchase and construction of a new warehouse structure.

The land past use is unknown and is currently a vacant lot. The scope of work (SOW) for this

project is the construction of a metal and galvalume structure to be used as a warehouse for

the storage and packaging of fruits and vegetables. The applicant proposes to construct the

warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be

located at coordinates 18.195466, -66.294194.

The parcel is currently not connected to water or power utilities. The applicant's future plans

include to submit and obtain the require permits to connect the facilities to the local power

and water utility services. The field has not been graded.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.1953657,-66.29406405708849,14z>



Counties: Barranquitas County, Puerto Rico



## ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

**BIRDS**

NAME	STATUS
Puerto Rican Plain Pigeon <i>Patagioenas inornata wetmorei</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7955">https://ecos.fws.gov/ecp/species/7955</a>	Endangered

**REPTILES**

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6628">https://ecos.fws.gov/ecp/species/6628</a> General project design guidelines: <a href="https://ipac.ecosphere.fws.gov/project/TO3CWG7VHVH73EEJ6AXMKAPLPA/documents/generated/7159.pdf">https://ipac.ecosphere.fws.gov/project/TO3CWG7VHVH73EEJ6AXMKAPLPA/documents/generated/7159.pdf</a>	Endangered

**CRITICAL HABITATS**

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

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

**USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES**

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

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

**BALD & GOLDEN EAGLES**

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

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats<sup>3</sup>, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the ["Supplemental Information on Migratory Birds and Eagles"](#).

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



3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

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

## MIGRATORY BIRDS

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

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats<sup>3</sup> should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

- 
1. The [Migratory Birds Treaty Act](#) of 1918.
  2. The [Bald and Golden Eagle Protection Act](#) of 1940.
  3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

THERE ARE NO FWS MIGRATORY BIRDS OF CONCERN WITHIN THE VICINITY OF YOUR PROJECT AREA.

## WETLANDS

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

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

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

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

## **IPAC USER CONTACT INFORMATION**

Agency: Tetra Tech  
Name: Shelby McDowell  
Address: 2301 Lucien Way #120  
City: Maitland  
State: FL  
Zip: 32751  
Email: shelby.mcdowell@tetratech.com  
Phone: 4096591563

## **LEAD AGENCY CONTACT INFORMATION**

Lead Agency: Department of Housing and Urban Development





## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Caribbean Ecological Services Field Office  
Post Office Box 491  
Boqueron, PR 00622-0491  
Phone: (939) 320-3135 Fax: (787) 851-7440  
Email Address: [CARIBBEAN\\_ES@FWS.GOV](mailto:CARIBBEAN_ES@FWS.GOV)

In Reply Refer To:  
Project code: 2024-0050334  
Project Name: PR-RGRW-01190

09/23/2024 17:59:14 UTC

Subject: Consistency letter for the project named 'PR-RGRW-01190' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On September 23, 2024, Shelby McDowell used the Caribbean DKey; dated April 03, 2024, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-RGRW-01190'. The project is located in Barranquitas County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.1953657,-66.29406405708849,14z>



The following description was provided for the project 'PR-RGRW-01190':

The proposed project includes the purchase and construction of a new warehouse structure.

The land past use is unknown and is currently a vacant lot. The scope of work (SOW) for this project is the construction of a metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to construct the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be located at coordinates 18.195466, -66.294194.

The parcel is currently not connected to water or power utilities. The applicant's future plans include to submit and obtain the require permits to connect the facilities to the local power and water utility services. The field has not been graded.

Based on your answers and the assistance of the Service's Caribbean DKey, you determined the proposed Action will have "No Effect" on the following species:

Species	Listing Status	Determination
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Endangered	No effect

Thank you for informing the Service of your "No Effect" determination(s) for this project. No further consultation/coordination for this project is required for these species. However, be aware that reinitiation of consultation may be necessary if later modifications are made to the project so that it no longer meets the criteria or outcome described above, or if new information reveals effects of the action that could affect listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed.

This letter serves as documentation of your consideration of the federally listed species as required under section 7 of the ESA. However, effects to the other federally listed species or critical habitat as listed below from the "IPaC print-out for the project" (see below) should be considered as part of your ESA review for the project.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a "No Effect" (NE) determination for Federally listed species in the Caribbean. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NE concurrence provided here. This verification period allows the Caribbean Ecological Services Field Office to apply local knowledge to evaluate the Action, as we may identify a small subset of actions having unanticipated impacts. In such instances, the Caribbean Ecological Services Field Office may request additional information to verify the effects determination reached through the DKey.

**Note:** Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the



Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean\_es@fws.gov) to determine whether the consultation needs to be reinitiated.

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion. Effects to the other federally listed species or critical habitat as listed below should be considered as part of your ESA review for the project.

- Puerto Rican Plain Pigeon *Patagioenas inornata wetmorei* Endangered

If the proposed project is located within species range where a DKey has not been developed for those species, please follow the established guidance for initiating section 7 consultation Caribbean Ecological Services Field Office.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of our people. If you have any questions or require additional information, please contact our office at Caribbean\_es@fws.gov.

## Action Description

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

### 1. Name

PR-RGRW-01190

### 2. Description

The following description was provided for the project 'PR-RGRW-01190':

The proposed project includes the purchase and construction of a new warehouse structure.

The land past use is unknown and is currently a vacant lot. The scope of work (SOW) for this project is the construction of a metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to construct the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be located at coordinates 18.195466, -66.294194.

The parcel is currently not connected to water or power utilities. The applicant's future plans include to submit and obtain the require permits to connect the facilities to the local power and water utility services. The field has not been graded.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.1953657,-66.29406405708849,14z>





## QUALIFICATION INTERVIEW

1. Is the proposed project an EPA Multi-Sector General Permit (MSGP) renewal for an existing project? ([MSGP Fact Sheet](#))

*No*

2. Is the proposed project within an urban developed area? (i.e., cities, downtowns, shopping malls etc.)

**Note:** Urban and developed areas has one or more of the following characteristics: Presence of existing buildings, residential areas, and commercial establishments. Well-established infrastructure including roads, utilities, and urban facilities. High population density. Established neighborhoods and urban amenities ("urbanizaciones"). Developed landscape with paved surfaces, parking lots, and industrial areas. Signs of human activity and urbanization, such as shopping centers and recreational facilities. Location within the boundaries of a city or town ("casco urbano"). High concentration of built-up structures and limited open spaces. Aerial imagery might be requested to the applicant. .

*No*

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

*No*

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

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

*No*

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

*No*

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

*No*

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

*No*

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

*No*

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

*Yes*

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

**Automatically answered**

*Yes*

## **IPAC USER CONTACT INFORMATION**

Agency: Tetra Tech  
Name: Shelby McDowell  
Address: 2301 Lucien Way #120  
City: Maitland  
State: FL  
Zip: 32751  
Email: shelby.mcdowell@tetrattech.com  
Phone: 4096591563

## **LEAD AGENCY CONTACT INFORMATION**

Lead Agency: Department of Housing and Urban Development



## Appendix C: Site Photos

**Front of Structure**

Photo Direction: Southeast



**Facing Away From Front**

Photo Direction: Northwest



**Side #1 of Structure**

Photo Direction: Southeast



**Facing Away From Side #1**

Photo Direction: Northwest





**Back of Structure**

Photo Direction: Northeast



**Facing Away From Back**

Photo Direction: Southwest



**Side #2 of Structure**

Photo Direction: Southeast



**Facing Away From Side #2**

Photo Direction: Northwest





**Streetscape #1**

Photo Direction: Southwest



**Streetscape #2**

Photo Direction: Northeast





Address

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast





Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest





Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest





Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: South



Structural Details

Photo Description: Architectural details

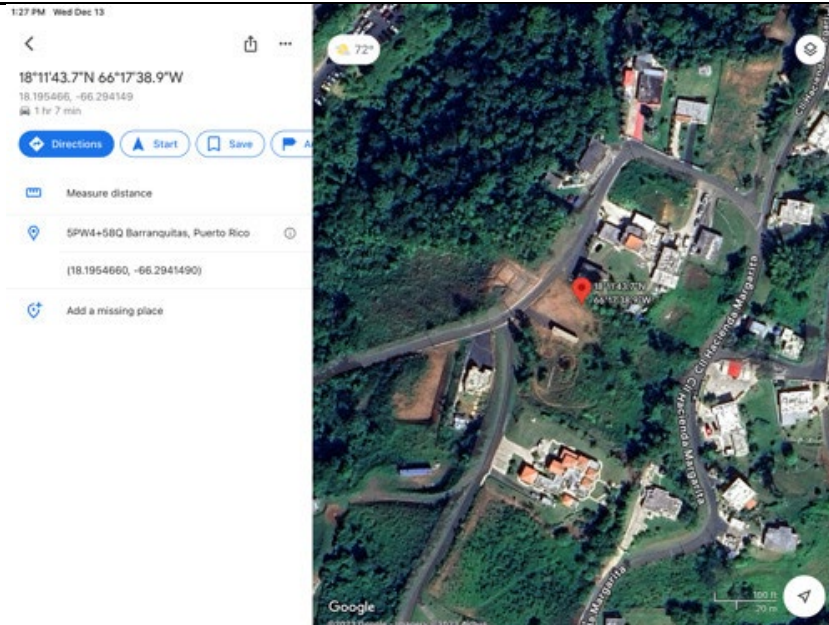
Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North





**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: South



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: Southeast





**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: East



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: East



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: North



**Scope Of Work**

Photo Description: Scope of work: construction of a warehouse

Photo Direction: Northwest



Appendix D:  
USFWS Puerto Rican Plain Pigeon Conservation Measures



## Guidelines for Puerto Rican Plain Pigeon

The Puerto Rican plain pigeon is a large pigeon about the size and shape of a domestic pigeon. At a distance the species appears pale blue-gray. The head, hindneck, breast, and the top central part of the folded wing are washed with a wine color. The wing coverts are margined with white. Legs and feet are dark red. A variety of fruits and seeds, and livestock feed provide nourishment for this species. Approximately 70 percent of the foods come from tree branches, and 30 percent from the ground. Principal foods at Cidra are royal palm (*Roystonea borinquena*); mountain immortelle (*Erythrina poeppigiana*); West Indies trema (*Trema lamarckiana*); and white prickly (*Zanthoxylum martinicense*). Water is usually taken from the axils of bromeliads or from water-retaining blossoms of the African tulip-tree. Nesting occurs primarily in bamboo groves and the hardwood canyons of Cidra.

1. For any project activity that involves construction or tree-disturbing activities, all construction workers will be required to participate in environmental awareness training. The training will educate workers on: (a) special-status species that may occur in the work area, (b) procedures to follow in the event a species is observed, and (c) other environmental BMPs and emergency spill response protocols.
2. All non-emergency work activities will be confined to daylight hours (i.e., sunrise to sunset), unless necessary for assessing or protecting biological resources.
3. Whenever possible, impacts to native nesting birds will be avoided by not conducting Project activities that involve clearing of vegetation, generation of mechanical noise, or tree disturbance during the typical breeding season for this pigeon (late January to early July), if the pigeon is determined to be present.
4. If Project activities must be conducted during the nesting bird season, the Contractor will conduct surveys for nesting birds within a 1,000-ft radius of the construction area. If nests are detected, the Contractor will notify the DNER and establish buffers around nests that are sufficient to ensure that breeding is not likely to be disrupted or adversely impacted by construction. Buffers around active nests will be a minimum of 250 feet, unless a qualified biologist determines that smaller buffers would be sufficient to avoid impacts to nesting birds. Factors to be considered for determining buffer size will include: the presence of natural buffers provided by vegetation or topography; nest height; locations of foraging territory; and baseline levels of noise and human activity. Buffers will be maintained until young have fledged or the nests become inactive.
5. If a pigeon is found within any of the working or construction areas, activities should stop at that area and information recorded. Designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for additional directions (PRDNER phone #: ((787) 724-5700, (787) 230-5550, (787) 771-1124).

6. Designated critical habitat within the vicinity of project activities will be identified. All Proposed Project actions will be designed to avoid direct and indirect adverse modifications to these areas. Minimization measures, such as establishing and maintaining buffers around areas of designated critical habitat will be implemented in the event that avoidance is not feasible.
7. If critical habitat may be adversely modified by the implementation of Proposed Project actions, the area to be modified will be evaluated by a qualified biologist to determine the potential magnitude of the project effects (e.g., description of primary constituent elements present and quantification of those affected) at a level of detail necessary to satisfy applicable environmental compliance and permitting requirements. This information shall be submitted to the PRDNER as shown in Number 5 above.
8. Projects must comply with all state laws and regulations. Please contact PRDNER for further guidance.

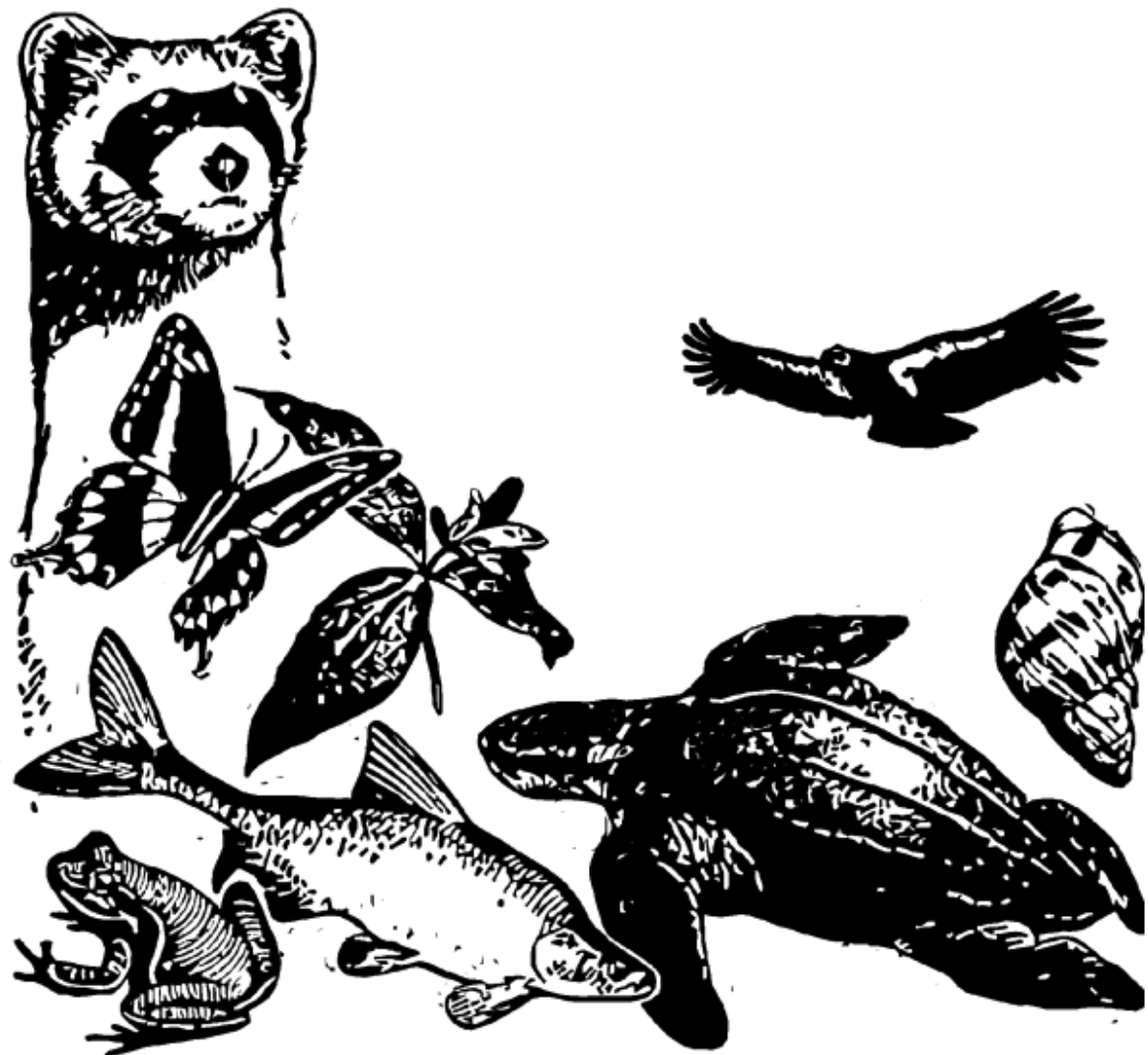
Appendix E:  
USFWS Puerto Rican Boa Conservation Measures 2024



# Caribbean ES Puerto Rican Boa

## *Puerto Rican Boa*

Generated August 01, 2024 02:11 PM UTC, IPaC v6.112.0-rc2





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

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

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

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



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

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

#### Conservation Measures:

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



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

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

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

# **APPENDIX E**

## **Section 106 Consultation**



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

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

February 29, 2024

**Lauren Bair Poche**

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

SHPO: CF-02-21-24-13 PUERTO RICO DISASTER RECOVERY, CDBG-DR RE-GROW PR URBAN-RURAL AGRICULTURAL RE-GROW PROGRAM, PR-RGRW-01190, AGROEDUC, INC, CARR. 152 KM 1.8 INT, BO. QUEBRADILLAS, BARRANQUITAS, PUERTO RICO

Dear Ms. Poche,

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

Our records support your finding of **no historic properties affected** within the project's area of potential effects.

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

Sincerely,

Carlos A. Rubio-Cancela  
State Historic Preservation Officer  
CARC/GMO/LGC





February 22, 2024

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

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


**Section 106 NHPA Effect Determination Submittal: PR-RGRW-01190 – AGROEDUC INC – Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, Puerto Rico – *No Historic Properties Affected***

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by AGROEDUC INC, located at Carr 152 km 1.8 Int, Bo. Quebradillas, in the municipality of Barranquitas. The undertaking for this project includes the purchase and construction of a new warehouse structure. The scope of work (SOW) for this project is the construction of a metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to construct the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet. The parcel is currently not connected to water or power utilities. The applicant's future plans include submitting and obtaining the required permits to connect the facilities to the local power and water utility services.

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

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGrow PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>		
<b>Subrecipient:</b> AGROEDUC, INC.		
<b>Case ID:</b> PR-RGRW-01190		<b>City:</b> Barranquitas

<b>Project Location:</b> Carr 152 km 1.8 Int, Bo. Quebradillas, Barranquitas, Puerto Rico, 00794	
<b>Project Coordinates:</b> 18.195466, -66.294194	
<b>TPID (Número de Catastro):</b> 247-063-269-25-000	
<b>Type of Undertaking:</b> <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
<b>Construction Date (AH est.):</b> c2000	<b>Property Size (acres):</b> 1.29

<b>SOI-Qualified Architect/Architectural Historian:</b> Maria F. Lopez Schmid
<b>Date Reviewed:</b> 1/16/2024
<b>SOI-Qualified Archaeologist:</b> Pollyanna Clark, MA, RPA
<b>Date Reviewed:</b> 1/18/2024

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


### Project Description (Undertaking)

The proposed project includes the purchase and construction of a new warehouse structure. The land past use is unknown and is currently a vacant lot. The scope of work (SOW) for this project is the construction of a metal and galvalume structure to be used as a warehouse for the storage and packaging of fruits and vegetables. The applicant proposes to construct the warehouse on an on-site poured concrete pad of approximately 60 feet x 40 feet to be located at coordinates 18.195466, -66.294194.

The parcel is currently not connected to water or power utilities. The applicant's future plans include to submit and obtain the require permits to connect the facilities to the local power and water utility services. The field has not been graded.

### Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the proposed warehouse structure approximately 60 feet by 40 feet to be located at coordinates 18.195466, -66.294194 with a 15-meter buffer to allow for variation in final building placement; for this project the APE has been extended to the public right-of-way to

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>ReGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>		
<b>Subrecipient: AGROEDUC, INC.</b>		
<b>Case ID: PR-RGRW-01190</b>	<b>City: Barranquitas</b>	

allow for future planned utility connections. The visual APE is the viewshed of the proposed project.

### Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area shows that the project area has no previously identified archaeological sites within a 0.25 miles radius of the APE.

Two Phase I archaeological studies have been performed within a quarter-mile radius of the APE. In 1991, Juan González Colón performed a Phase 1A-1B archaeological survey, 0.12 miles west of the project area which results were negative for archaeological materials, and no additional work was recommended. The ID numbers were EAP 1312 and ICP/CAT-BR-91-01-06 and the title was "New Barranquitas Elderly Center". These Phase 1 archaeological studies are also listed in Table 2.

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


Author	Title	Year	SHPO/IPRC ID	Results	Location
Juan González Colón	Phase 1A, Casa Barranquitas	1991	06-12-90-05	Negative	0.12 mi W
Juan González Colón	Phase 1B, Casa Barranquitas	1991	06-12-90-05	Negative	0.12 mi W

The project area is on Daguey Clay (DaD), 12 to 20 percent slopes. This soil type makes the probability of finding *in situ*, significant, and undisturbed cultural resources low. A study of aerial images shows the ground surface of the project area appears eroded with an exposed surface visible in aerial imagery from 2018 to the present.

### 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.



<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>		
<b>Subrecipient: AGROEDUC, INC.</b>		
<b>Case ID: PR-RGRW-01190</b>	<b>City: Barranquitas</b>	

The proposed project is located in a rural, mountainous terrain with mature vegetation to the southeast of the site. The APE lies east of Route PR-152 in Barranquitas surrounded by large scale residential properties. Route PR-152 has commercial and residential properties on either side, runs north to south in the area, and leads to the town of Barranquitas located southwest of the site. A circa 2000 building, is located north of the APE geocoordinates on the adjacent parcel. The building, shown below, appears on a 2010 aerial image, but not on a 1994 aerial image.



**Figures 1 & 2.** Detail of 2010 aerial image indicating the location of the building adjacent to the property, view to the northwest.

This building (shown above) is a one-story reinforced concrete garage with a flat concrete roof with overhangs. The structure has a slab on grade foundation, concrete columns and concrete block walls, and two garage doors on the front elevation. There is a metal storage container on the lot, south of the APE.


This garage building is modern and **does not** meet the requirements to be eligible for listing on the National Register of Historic Places.

**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 project actions will not affect the historic properties that compose the Area of Potential

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
<b>Subrecipient: AGROEDUC, INC.</b>	
<b>Case ID: PR-RGRW-01190</b>	<b>City: Barranquitas</b>

Effect. A previous cultural resource survey within a 0.25 miles radius of the APE have had negative results with regards to the presence of archaeological resources, and the Daguey clay soils (DaD), 12 to 20 percent slopes and eroded further reduce the likelihood of archaeological resources being present within or near the APE. Therefore, no historic properties will be affected by the proposed project activities.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>REGROW PUERTO RICO PROGRAM</b> <b>Section 106 NHPA Effect Determination</b>	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
<b>Subrecipient:</b> AGROEDUC, INC.	
<b>Case ID:</b> PR-RGRW-01190	<b>City:</b> Barranquitas

**Recommendation**

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

No Historic Properties Affected

No Adverse Effect

Condition (if applicable):

Adverse Effect

Proposed Resolution (if applicable):

**This Section is to be Completed by SHPO Staff Only**

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

<b>Comments:</b>          
--

Carlos Rubio-Cancela State Historic Preservation Officer	Date:
---	-------





Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas

### Project (Parcel) Location - Aerial Map



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


**TETRA TECH**

Source: CRIM

Author: TG

Date: 9/22/2022

**Legend**

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





Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas

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



 <p><b>TETRA TECH</b></p> <p>Source: USGS</p> <p>Author: TG      Date: 9/19/2023</p>	<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Tier 2 Site</li> <li> Historic Comunidades</li> <li> Traditional Urban Centers</li> <li> Cultural Resource District Polygon</li> </ul>	
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Project (Parcel) Location – Soils Map



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**Legend**

	Tier 2 Site
	Parceliano
<b>Soil type</b>	
	DaD, Oaguey clay, 12 to 20 percent slopes
	HtE, Humatis clay, 20 to 40 percent slopes
	HtF, Humatis clay, 40 to 60 percent slopes

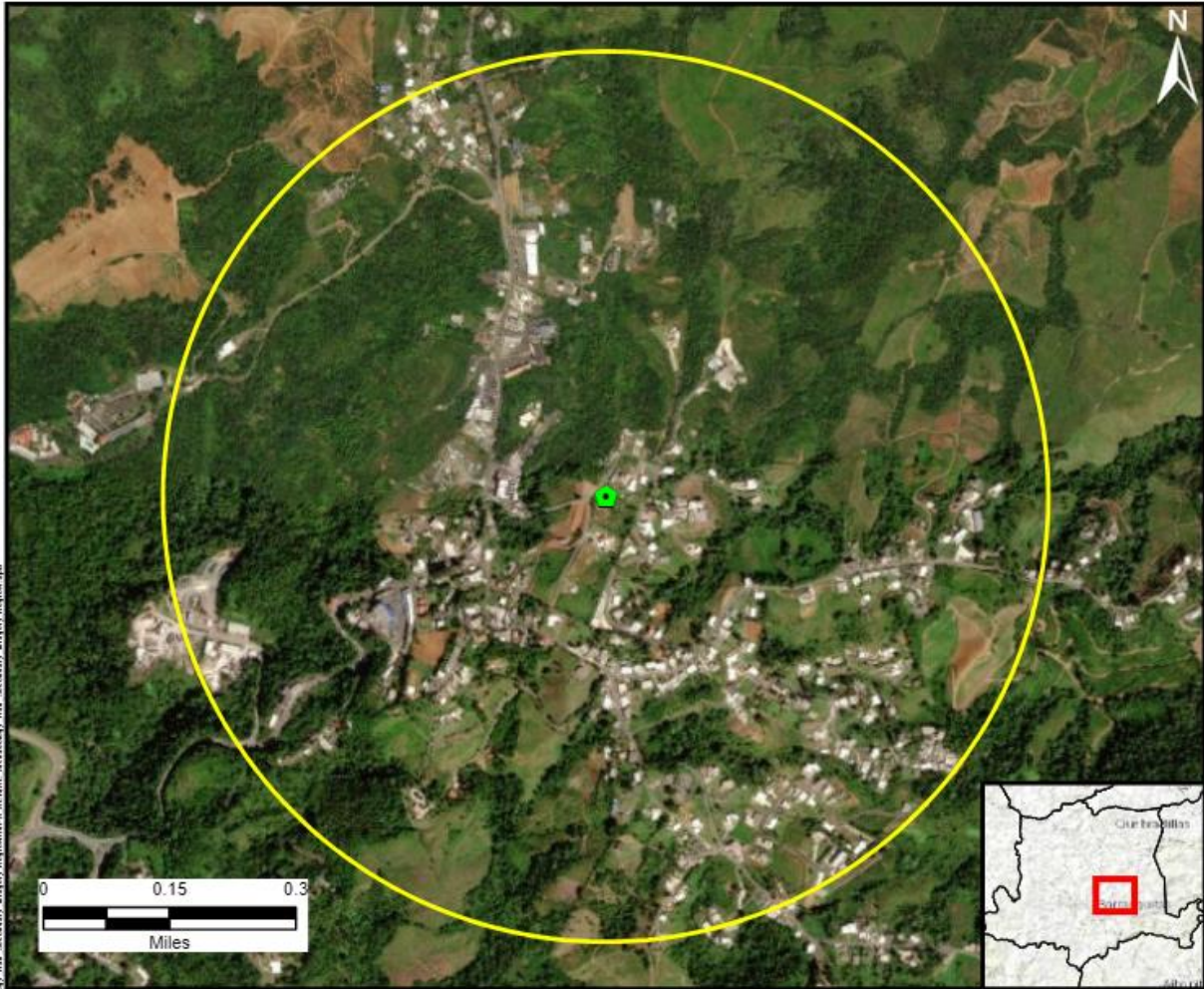


Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas

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



Source: National Park Service

Legend

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

Author: TG

Date: 11/16/2023

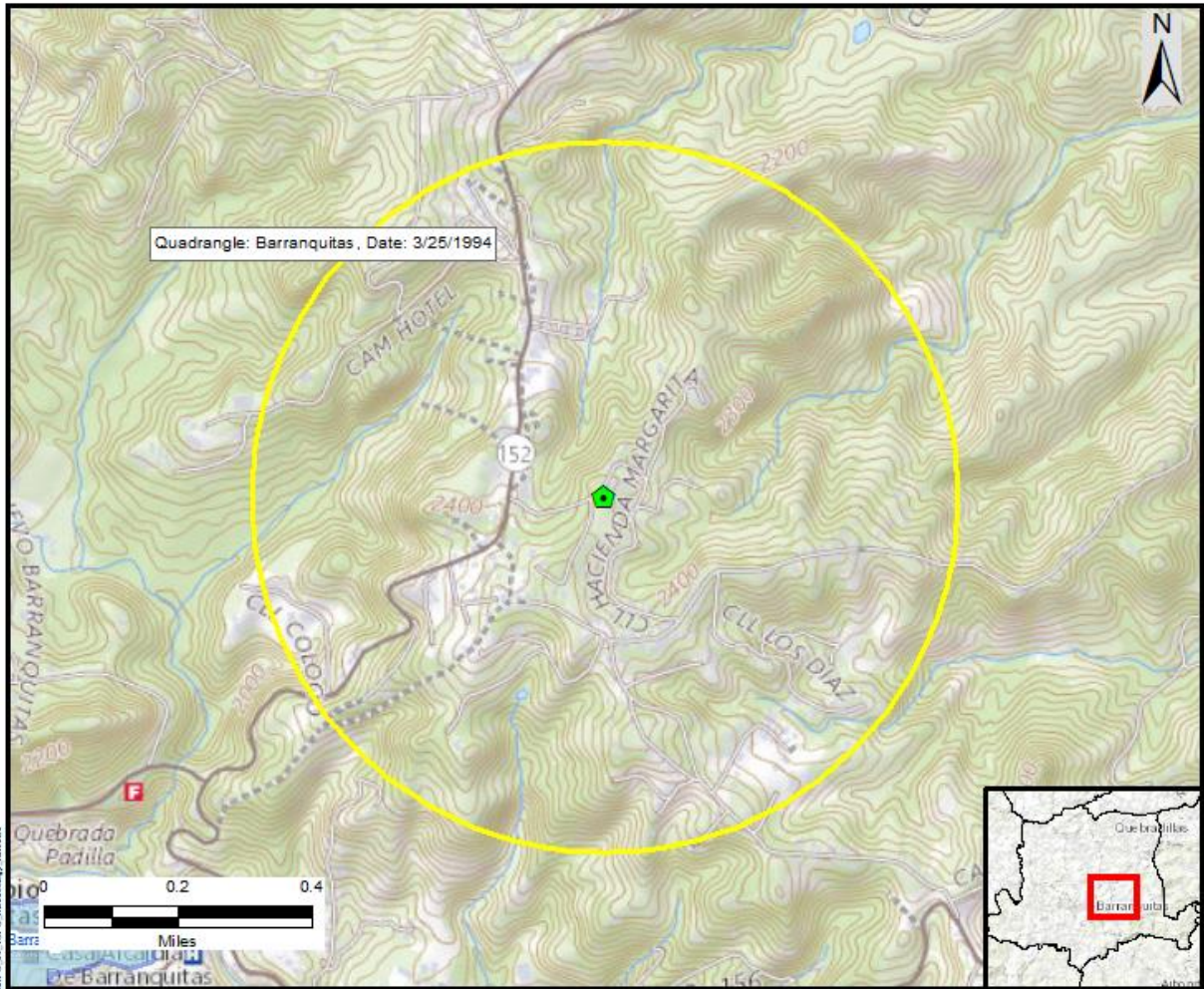


Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas

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



 <b>TETRA TECH</b>	<b>Legend</b>
	<ul style="list-style-type: none"><li> Tier 2 Site</li><li> Half Mile Buffer</li><li> Historic Comunidades</li><li> Traditional Urban Centers</li><li> Cultural Resource District Polygon</li></ul>
Source: National Park Service	
Author: TG	Date: 7/21/2023



Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas

### Photograph Key



Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas



Photo #: 1

Description (include direction): Scope of Work: Construction of a warehouse, view to the south.

Date: Dec. 13, 2023.



Photo #: 2

Description (include direction): Scope of Work: Construction of a warehouse, view to the east.

Date: Dec. 13, 2023.

Subrecipient: AGROEDUC, INC.

Case ID: PR-RGRW-01190

City: Barranquitas



Photo #: 3

Description (include direction): Scope of Work: Construction of a warehouse, view to the north.

Date: Dec. 13, 2023.



Photo #: 4

Description (include direction): Scope of Work: Construction of a warehouse, view to the northwest.

Date: Dec. 13, 2023.





October 20, 2022

**Arch. Carlos A. Rubio Cancela**

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

**Re: Authorization to Submit Documents**

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT