

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-04065

Project Name: PABLO HERNANDEZ NIEVES DBA PLANTAS Y ALGO MAS

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Aguadilla, PR

Preparer: Patricia Carmenatty

Certifying Officer Name and Title: Permit and Environmental Compliance Officers: Sally Acevedo Cosme, Pedro de León Rodríguez, María T. Torres Bregon, Ivelisse Lorenzo, Angel Gabriel Lopez Guzman, Janette I. Cambrelén, Santa Ramirez, Limary Vélez Marrero and Juan Carlos Perez Bofill.

Consultant: Behar Ybarra & Associates LLC

Direct Comments to: Puerto Rico Department of Housing:
(environmentcdbg@vivienda.pr.gov)

Project Location:

Carr 467 Km 5.7 Bo Camaseyes, Aguadilla, PR 00603

Greenhouse location: latitude 18.476594 longitude -67.129807

Generator location: latitude 18.476489 longitude -67.129404

Parcel cadastral: 005-070-660-40-000, 005-070-660-43-000

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

The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse and a generator. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 - 67.129404 was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the

building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed for the greenhouse will be provided by an existing PREPA/LUMA connection on the property. The generator will be used as a backup when there is no electricity available. There is an existing transfer switch in the warehouse where the generator will be stored. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the greenhouse. 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 location of the greenhouse plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

A site Map is included in Figure 1, illustrating the location of the greenhouse and generator on the property. Photos of the location are included in Section 106 documentation, Appendix 1.

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. This agricultural project is associated with the purchase and installation of a 100' x 30' greenhouse and a generator is in keeping with the overall objectives of the Economic Development Program.

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

The existing area for which the proposed greenhouse will be placed has a flat topography. On the surface we observed plants in plastic pots, grasses and bushes. The visibility is average. Therefore, there is little to no change in land use associated with these placements.

Funding Information

Grant Number	HUD Program	Funding Amount
B-18-DP-72-0001	Community Planning and Development (CPD) / Community Development Block Grant - Disaster Recovery (CDBG-DR)	\$11,938,162,230.00
B-17-DP-72-0001		
B-19-DP-78-0002		
B-18-DE-72-0001		

Estimated Total HUD Funded Amount: \$49,601.72

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$49,601.72.

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is the purchase and installation of a 100' x 30' greenhouse and a generator will have no impact on any Airports. The site is located 6,476 feet from the nearest major civil airport (Rafael Hernandez International Airport) and 390,467 feet from the military airport (Luis Muñoz Marín International Airport in San Juan). This topic is in compliance with the HUD's Airport Hazard regulations without further evaluation. See the attached Airport map Runway Protection Zone, Figure 2.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not located in a CBRS Unit. The project is located 11,292 feet southwest of the nearest Coastal Barrier Resource System, PR-76. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. See the attached CBRS map, Figure 3.

<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in a Zone X, Panel 72000C0135J, 11/18/2009 on the FEMA FIRM. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Map, Figure 4 and 4.1.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site and is not located in a nonattainment municipality of Puerto Rico (Arecibo, Bayamón, Cataño, Guaynabo, Salinas, San Juan, Toa Baja). The installation and operation of this project will have no impact and is in compliance with the Clean Air Act without further evaluation. See attached published list of Puerto Rico Nonattainment/Maintenance Status for each country by year for all criteria pollutants in Appendix 2.</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 6,868 feet from the nearest Coastal Zone Management Area and does not affect a Coastal Zone as defined in the state Coastal management Plan. The project is in compliance with the Coastal Zone Management Act. See the attached CZMA map, Figure 5.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural project. On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. There are no sites of environmental concern identified within</p>

		<p>3,000 feet of the location of the proposed project.</p> <p>The project is in compliance with Contamination and Toxic Substances requirements. See attached Toxics Map, Figure 6.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project could involve any activity that has an adverse effect on protected species or critical habitats. After reviewing data from the United States Fish and Wildlife Service (USFWS) Information and Planning Consultation (IPaC) and the Puerto Rico Department of Natural and Environmental Resources (DNER) database, the PR boa (<i>Chilabothrus inornatus</i>) could be found in the project area. The installation of the greenhouse will require ground disturbance; however, the scope of work includes continued agricultural use of the property with no intention to cut down trees or making major changes in the topography of the project area because the greenhouse will be installed in a space that has been cleared and maintained that way for agricultural purposes.</p> <p>Based on the nature of the project, scope of work, information available, and analysis of the IPaC lists together with field direct observations of the area where the project will be developed is currently used for agricultural purposes, the proponent has determined that the proposed project actions will have "No Effect" (NE) on the Puerto Rican boa. The project is 36,099 feet from the nearest final endangered species critical habitat. Therefore, the project has no critical habitats in the area.</p> <p>If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa</p>

		<p>does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa. As established by the USFWS Puerto Rican Boa Conservation Measures Guideline.</p> <p>https://ipac.ecosphere.fws.gov/guideline/design/population/156/office/41430.pdf</p> <p>This project is in compliance with the Endangered Species Act. See attached Endangered Species map, Figure 7. See attached IPaC Report and USFWS Letter in Appendix 4.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the purchase and installation of a 100' x 30' greenhouse and a generator and does not include development, construction or rehabilitation that will increase residential density. This project is in compliance with Explosive and Flammable hazards without further evaluation.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project does not include any activities that could potentially convert agricultural land to non-agricultural use. The areas under the project site are prime farmland. The scope of work includes the installation of a greenhouse and generator. This is a construction limited to on-farm structures needed for farm operations. The project is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map, Figure 8.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in a Zone X, Panel 72000C0135J, 11/18/2009 (Figure 4). The site is not located in a Preliminary Firm or an Advisory Base Flood Elevation special flood hazard area. The project is in compliance with Executive Order 11988. See attached Flood Map (Figure 9).</p>

<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was visited on September 26, 2023, by SOI-qualified archaeologist. Based on this definition and the nature and scope of the undertaking, the APE has been defined as the area potentially affected by ground-disturbing activities related to installation of the greenhouse. Documentation with photographs and maps was subsequently submitted to SHPO (attached Appendix 1). In a response from PR SHPO dated November 13, 2023, SHPO concurred with a finding of No Historic Properties Affected within the project's Area of Potential Effects (see attached Appendix 1). The property is not considered historic or contributing to an historic district (See attached Historic map, Figure 10). Therefore, this activity is in compliance with Historic Preservation.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site. The project does not include new construction for residential use or rehabilitation of an existing residential property. The site is rural in nature and there will be no impact to or from the surrounding area from a noise perspective. This topic is in compliance with Noise abatement and Control without further evaluation.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The project is in compliance with Sole Source aquifers without further evaluation.</p>
<p>Wetlands Protection</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the map, there is a canal seen approximately 15 feet from what the greenhouse would be. According to</p>

Executive Order 11990, particularly sections 2 and 5		the applicant, the canal has been dried for over 10 years. Also, during the field visit it was visible that the canal has dried completely and there is no risk that the canal is affected from the project undertaking. Considering the work to be done with the installation of the greenhouse, there is no possibility that the canal will be affected, since the project does not involve any drainage, dredging, channeling, filling, dams, reservoirs or related activities. However, standard BMPs should be applied to mitigate impact on wetlands, like installing erosion controls or diverting runoff (in any) around the areas of ground disturbance. The project is in compliance with Executive Order 11990. See the attached Wetlands map, Figure 11. See Appendix 3 for Field Report and photos
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	This project is not within proximity of the NWSRS river. The project is located 469,396 feet from the nearest Wild and Scenic River. The project is in compliance with the Wild and Scenic Rivers Act. See Map, Figure 12.
ENVIRONMENTAL JUSTICE		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	Based on the scope of work for this project, there will be no additional impact on low-income or minority residents. This proposed activity will not have a negative impact on Environmental Justice. Therefore, the proposed activity complies with this section.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been

evaluated and documented as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

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

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement.

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed action is continued agricultural use of property which is compatible with a zoning code of A-G (General Agricultural) and existing land use of SRC (Common Rustic Land). There is no urban design associated with this rural, agricultural site.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The soil is currently being used for agriculture purposes. There is no change in land use since the land will continue to be used to agriculture purposes. The soil in the area has been classified as Coto clay, 2 to 5 percent slopes, eroded (CuB2). The Coto series consists of deep, well-drained soils that are slightly acidic and moderately permeable. The landslide data indicates low landslide susceptibility. It is an area already impacted by agriculture; therefore, no erosion is expected to occur from this project. The project will not

		affect the drainage in the area. See Landslide Susceptibility Map, Figure 13.
Hazards and Nuisances including Site Safety and Noise	2	There are no specific environmental hazards that have been identified for this site. The site is not in a high Noise Level area, nor will the project generate any additional noise. Additionally, the project does not include housing or such to where inhabitants would be affected.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project will result in short-term benefit to employment when contractors are hired for the installation of the greenhouse and generator. After construction, there may be a net positive benefit for the farm, a small business receiving this funding for economic development recovery purposes, which will aid in the continued operations of the intended use of the farm which products will be used by Puerto Rico population. The project is not anticipated to have a significant impact on Employment and Income Patterns, however, the project may help restore employment opportunities and income patterns.
Demographic Character Changes, Displacement	2	The proposed project will not alter the demographic characteristics of Aguadilla, PR. The applicant is already located at this location and the project will provide opportunities for the continuous agricultural growth of the business.
Environmental Justice	2	In the project area within a one-mile radius: <ul style="list-style-type: none"> • The people of color are 99% compared to PR average of 96% • 62 % of the people are low income compared to PR average of 70% • 10% of the people are unemployed compared to PR average of 15% <p>The proposed activities of the installation of the greenhouse and generator will have a positive impact on creating jobs for local people. Therefore, the</p>

		proposed activity complies with this section. See EJSscreen Report in Appendix 3.
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Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site and will have no impact on educational and cultural facilities.
Commercial Facilities	2	The proposed project may aid in restoring the demand for local commercial services; however, not to the point of putting undue pressure on commercial facilities.
Health Care and Social Services	2	The project consists of purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site and will have no impact on Health Care and Social Services.
Solid Waste Disposal / Recycling	2	The proposed project will have no impact on Solid Waste Disposal / Recycling services. The products and by-products are agricultural, and any waste would be biodegradable. The remaining construction solid waste materials would be collected for transport to the local landfill.
Wastewater / Sanitary Sewers	2	The installation of the greenhouse and generator will not produce any wastewater. Based on the scope of work is not expected to result in any significant changes in wastewater or sanitary sewer generation. The proposed project will have no impact on Wastewater / Sanitary Sewers.
Water Supply	2	The proposed project will not require an additional water supply. No new municipal connections will be provided for potable water. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The proposed project will have no impact on the water supply.

Public Safety - Police, Fire and Emergency Medical	2	The project consists of purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site and will have no impact on Public Safety.
Parks, Open Space and Recreation	2	The proposed project will have no impact to Parks, Open Space and Recreation. The property being used is agricultural and it will continue as agricultural use.
Transportation and Accessibility	2	The project consists of the purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site and will have no impact on transportation and accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project will be situated on previous agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur on land previously used for agricultural purposes and will continue in that capacity. There may be wildlife attracted to the greenhouse but no negative impact on wildlife.

Environmental Assessment Factor	Impact Code	Impact Evaluation
Climate and Energy		
Climate Change	2	The Re-Grow Program proposed project aims to increase resiliency in the agricultural industry to prepare for future climate related disasters. The project will not contribute to climate change and will provide a minor net benefit by allowing for increased food production. On the other hand, a drought could affect agricultural activities related to the project.
Energy Efficiency /Consumption	2	The project consists of the purchase and installation of a 100' x 30' greenhouse and a generator on an

		existing agricultural farm and will not require any new expansion to existing power facilities. The power needed will be provided by an existing PREPA/LUMA connection on the property. The generator will be used as a backup when there is no electricity available.
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Additional Studies Performed: Not applicable.

Field Inspection (Date and completed by): September 26, 2023, Jaqueline Lopez, SOI- Qualified Archaeologist

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

FAA, National Plan for Integrated Airport Systems:

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

National Park Service, National Registry of Natural Landmarks.

www.nature.nps.gov/nnl/docs/NNLRegistry.pdf

US Fish and Wildlife Service, Wild and Scenic Rivers – correspondence to Agency on October 16, 2018

National Wild and Scenic Rivers System: www.rivers.gov/puerto-rico.php

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

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

Sierra Research for Office of Mobile Sources. US Environmental Protection Agency. Report No. SR93-03-02, Evaluation of Methodologies to Estimate Nonroad Mobile Source Usage, March 19, 1993: <http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt>

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

www3.epa.gov/airquality/greenbook/anayo_pr.html

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

US Fish and Wildlife Service, Environmental Conservation Online System:

<https://ecos.fws.gov/ecp0/reports/species-listed-by-state-report?state=PR&status=listed>

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

Puerto Rico Planning Board, Communication regarding Floodplain Management, November 29, 2018.

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

US Army Corps of Engineers, Jacksonville District, Antilles Section, Communication regarding Wetlands Management, November 13, 2018.

Puerto Rico Coastal Zone Management Program Plan, September 2009.

Puerto Rico Planning Board, Communication regarding Coastal Zone Management, November 16, 2018 (No response).

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

US Fish and Wildlife Service, Caribbean Ecological Services Field Office. E-mail communication regarding October 23, 2018 letter on Threatened and Endangered Species and Critical Habitats.

NOAA Fisheries / National Marine Fisheries Service, NEPA Coordinator Southeast Regional Office. Communication on October 16, 2018 regarding designated critical habitat. (No response).

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria, <https://doi:10.5066/F7JD4VRF>

List of Permits Obtained: None required.

Public Outreach [24 CFR 58.43]: Puerto Rico Department of Agriculture has worked closely with the agricultural community. This 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 purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site.

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

The Regrow Program purpose is to enhance and expand agricultural production related to economic revitalization and sustainable development activities while promoting and increasing food security island wide. The "Alternative" action would mean that the

applicant would consider other locations for the greenhouse and generator. However, other locations may result in tree clearing prior to construction and/or need to fill in some steep area. Any option that requires going off-site would not contribute to the improvement and growth of agricultural production or enable economic development for this applicant.

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

The 'No-Action' alternative would mean that the applicant would not receive federal funding to provide the purchase and installation of a 100' x 30' greenhouse and a generator for an agricultural site 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 environmental nor is there the requirement for further consultation with any agency. There are no environmental review topics addressed that result in the need for formal compliance steps or the requirement for mitigation.

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

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

Law, Authority, or Factor	Mitigation Measure
Wetlands Protection (Executive Order 11990, particularly sections 2 and 5)	Standard BMPs should be applied to mitigate impact on wetlands

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: 11/29/2023

Name/Title/Organization: Patricia Carmenatty / Environmental Specialist/ Behar Ybarra & Associates LLC

Certifying Officer Signature:  Date: 2/1/2024

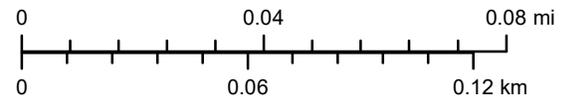
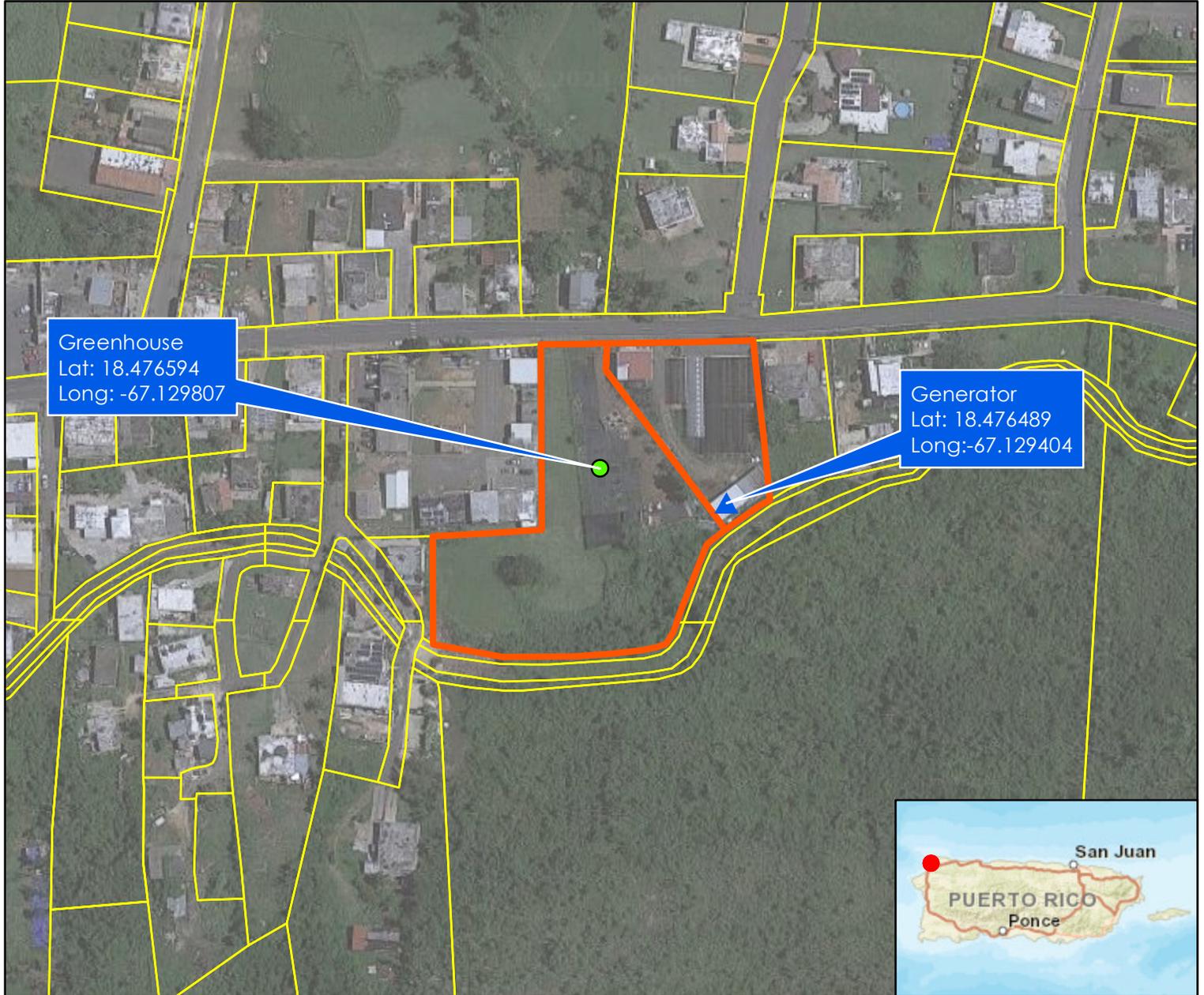
Name/Title: Janette I. Cambrelén, Permit and Environmental Compliance Specialist

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

Figures

Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- PR-RGRW-04065 Parcels
- CRIM_PARCELAS_2018

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cdprpc/>

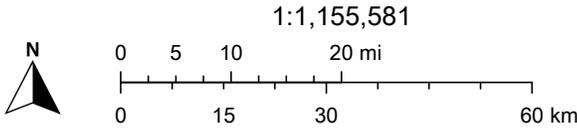
Figure 2 PR-RGRW-04065 Airports

Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 8:49:57 AM

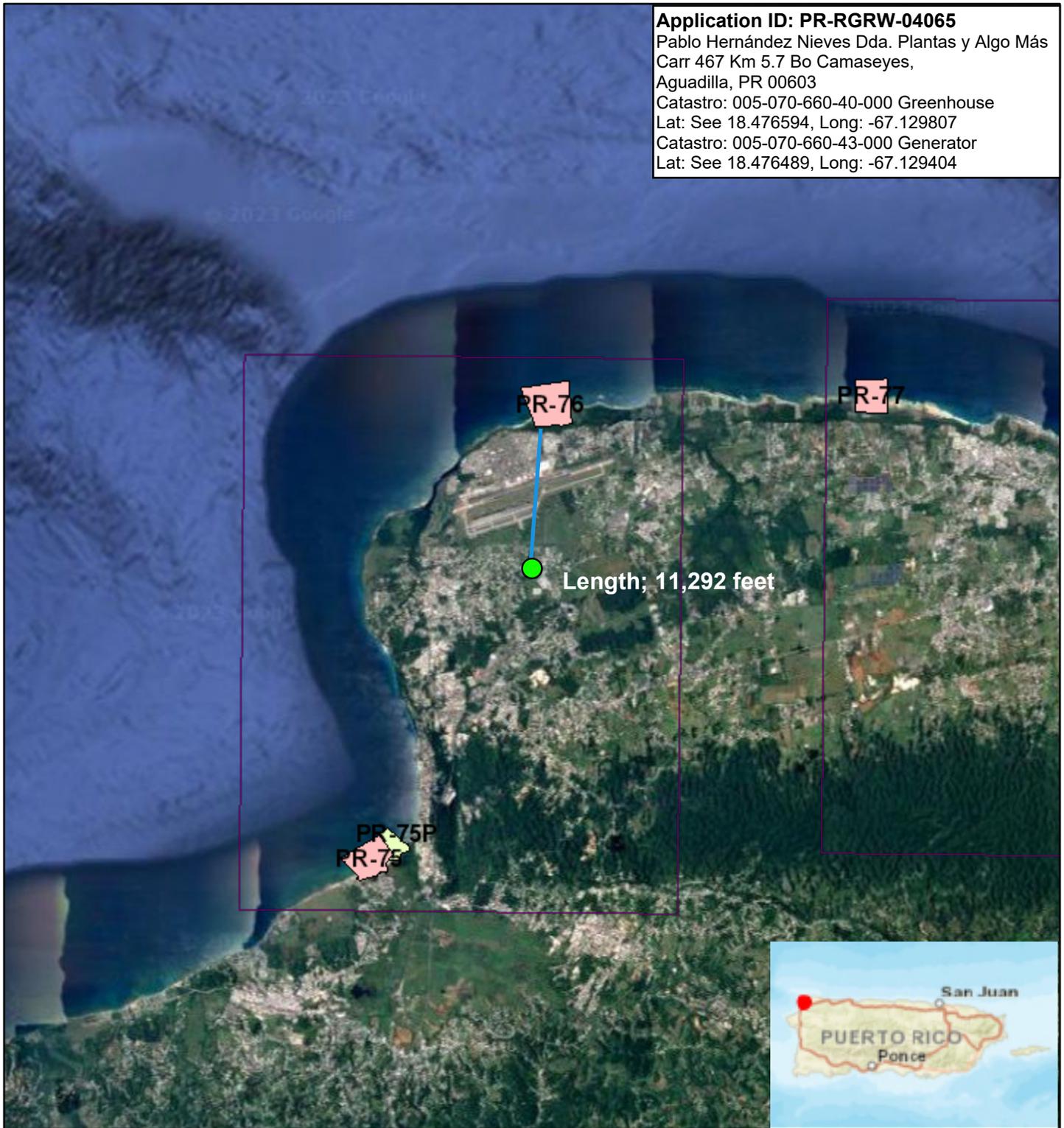
- Accident Potential Zone
- Clear Zone
- APZ 1
- APZ 2
- USA Military Airports
- USA Civil Airports
- PR-RGRW-04065



Runway Protection Zones
 Major Civil and Military Airports

Source
 Federal Aviation Administration (FAA)
<https://adds-faa.opendata.arcgis.com/>

Application ID: PR-RGRW-04065
Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603
Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404



10/3/2023, 8:52:30 AM

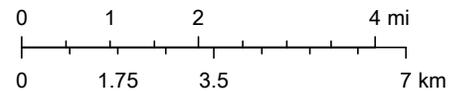
1:144,448

□ CBRS Map Panels ● PR-RGRW-04065

CBRS Units

□ Otherwise Protected Area

□ System Unit



Source

U.S. Fish and Wildlife Service (FWS):
<https://www.fws.gov/program/coastal-barrier-resources-act>

National Flood Hazard Layer FIRMette Figure 4



67°8'6"W 18°28'54"N



Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/3/2023 at 8:43 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

BYA BEHAR-YBARRA & ASSOCIATES LLC
 CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

Cond. Iberia 1 Suite J-3, Calle Perseo 554, Altamira, San Juan, P.R. 00920 Tel: (787) 763-0290

0 250 500 1,000 1,500 2,000 Feet

1:6,000

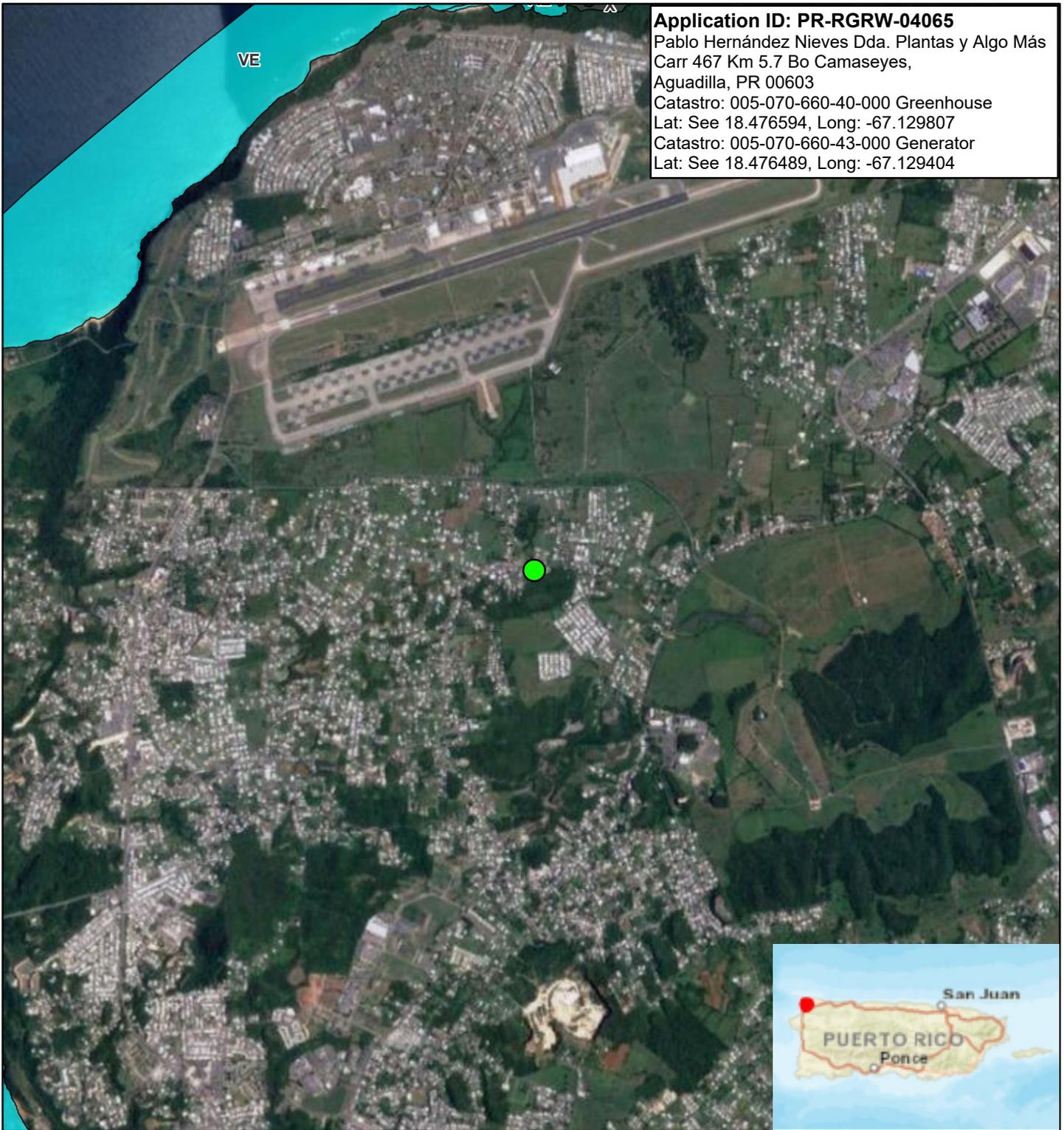
67°7'29"W 18°28'20"N

Basemap Imagery Source: USGS National Map 2023

Figure 4.1

PR-RGRW-04065 Flood Hazard

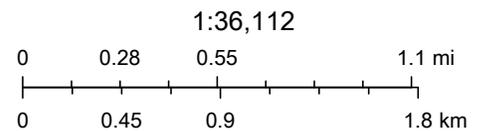
Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 9:04:45 AM

FEMA_FIRM - FEMA_FLOOD_HAZARD_AREAS

- Special Flood Hazard Areas
- Other Flood Areas
- Other Areas
- PR-RGRW-04065



Source

Federal Emergency Management Agency (FEMA)
 FEMA's National Flood Hazard Layer
<https://www.fema.gov/flood-maps/national-flood-hazard-layer>

Figure 5

PR-RGRW-04065 CZM

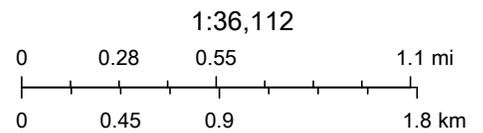
Application ID: PR-RGRW-04065
Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603
Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404



10/3/2023, 9:21:28 AM

 PR CoastalZoneManagementActBoundary

 PR-RGRW-04065



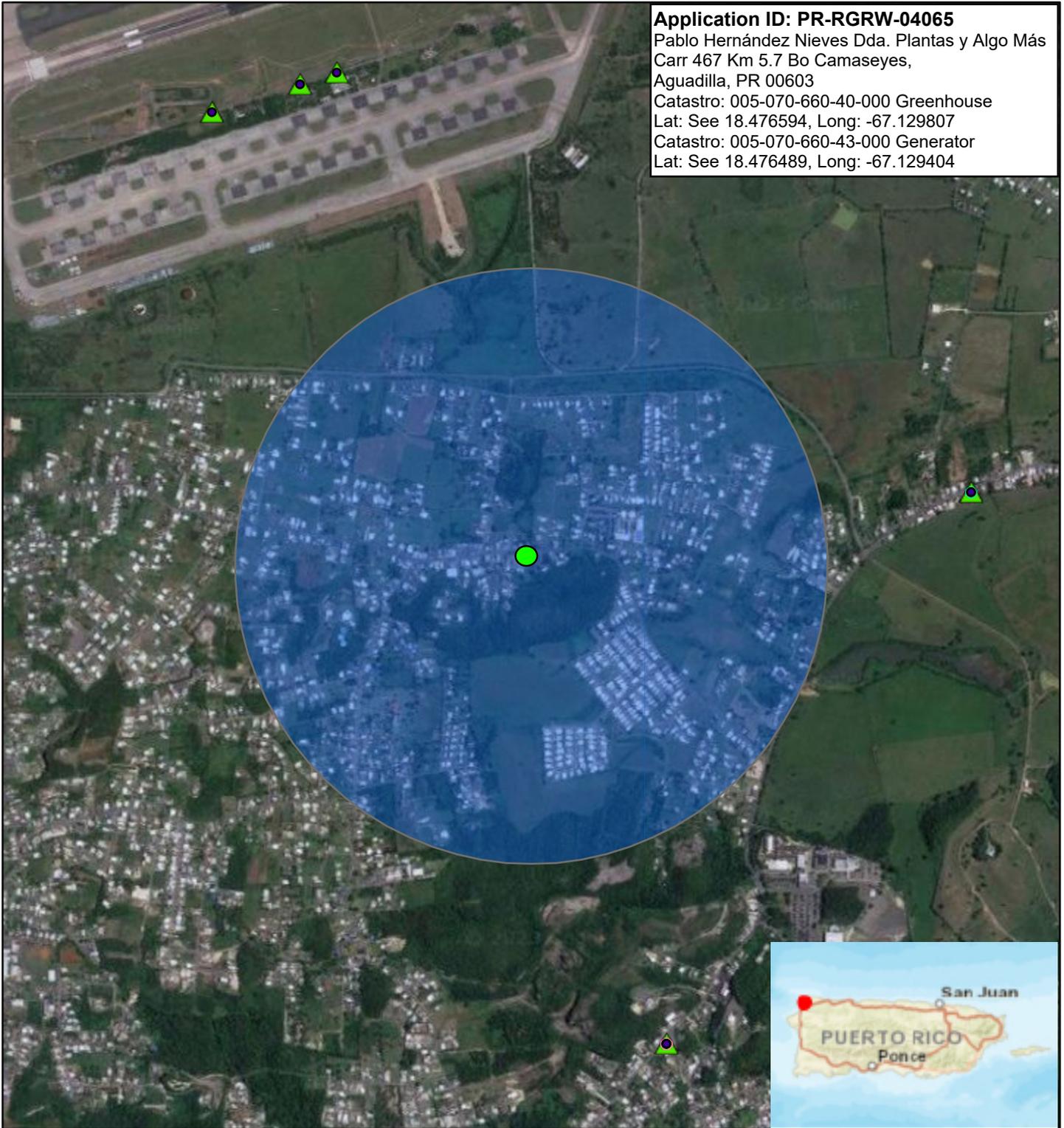
Source

National Oceanic and Atmospheric Administration (NOAA)
NOAA Office for Coastal Management (NOAA/OCM)
<https://www.fisheries.noaa.gov/inport/item/53132>

Figure 6

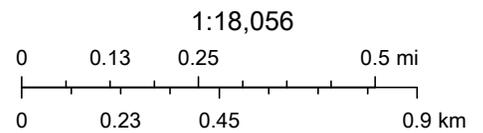
PR-RGRW-04065 Toxic

Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 10:41:34 AM

- BufferedFeatures
- FACILITY INTERESTS
- ICIS
- PR-RGRW-04065
- RCRA
- RCRA ACTIVE
- RCRA INACTIVE



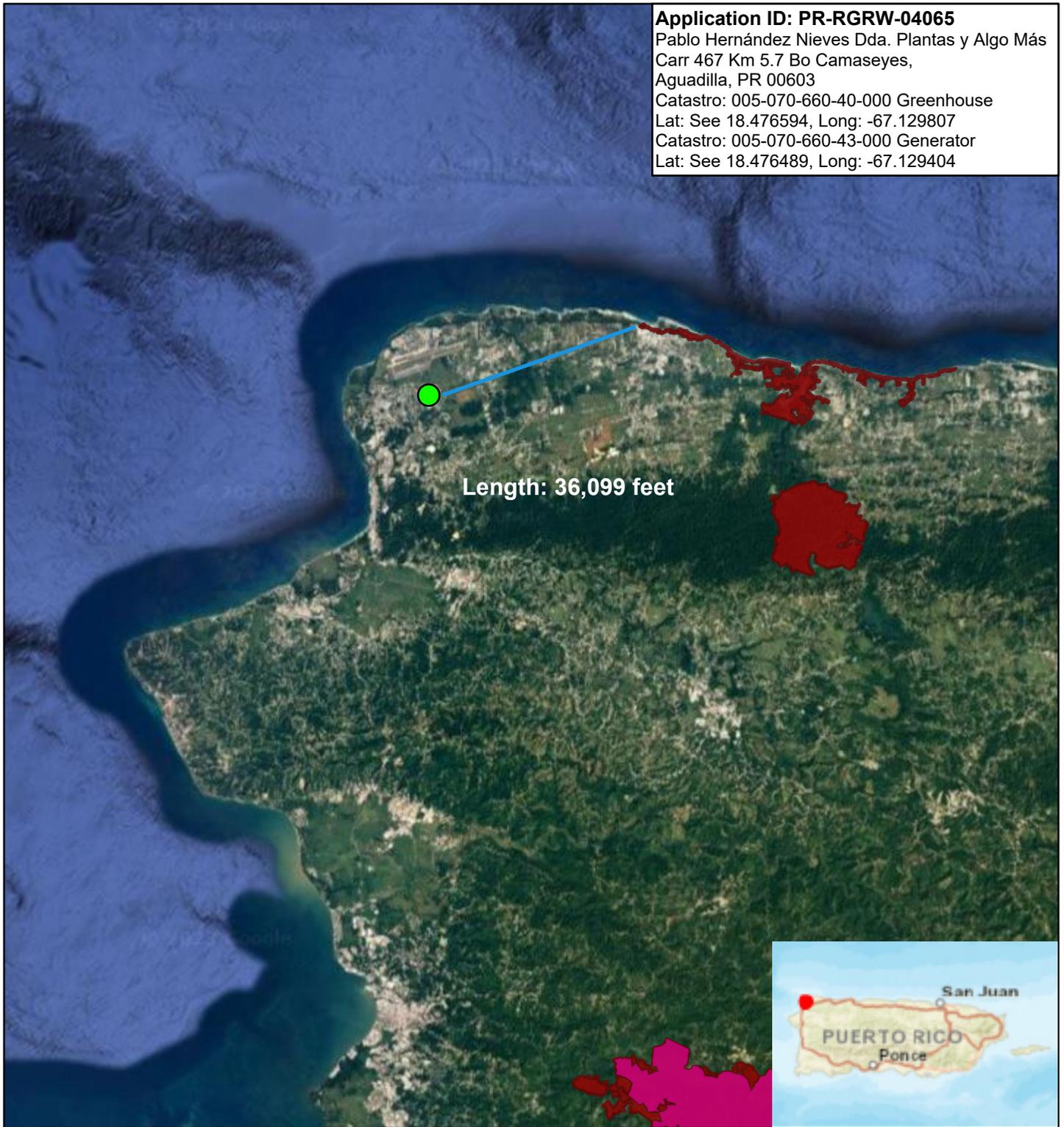
Source

U.S. Environmental Protection Agency (EPA)
 Facility Registry Service (FRS)
<https://www.epa.gov/frs>

Figure 7

PR-RGRW-04065 Endangered Species

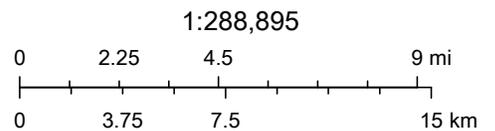
Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 9:49:05 AM

Critical Habitat for Threatened & Endangered Species

- Proposed
- USFWS Critical Habitat - Final
- PR-RGRW-04065



Source

National Oceanic and Atmospheric Administration (NOAA)
 Office of Response and Restoration
<https://response.restoration.noaa.gov/>

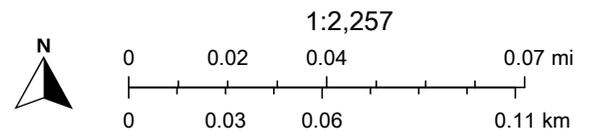
Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 10:20:46 AM

Farmland Protection

- All areas are prime farmland
- Not prime farmland
- PR-RGRW-04065



Source

Natural Resources Conservation Service (NRCS)
 Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nal.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

Figure 9

PR-RGRW-04065 ABFE

Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 8:59:06 AM

Flood Hazard Zone

AE

VE

X 0.2% Annual Chance Flood

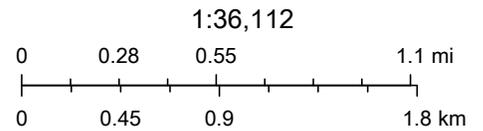
Zone/BFE Boundary

Flood Hazard Extent

1% Annual Chance Flood

0.2% Annual Chance Flood

PR-RGRW-04065



1:36,112

Source

Federal Emergency Management Agency (FEMA)
 FEMA's National Flood Hazard Layer
<https://www.fema.gov/flood-maps/national-flood-hazard-layer>

Figure 10

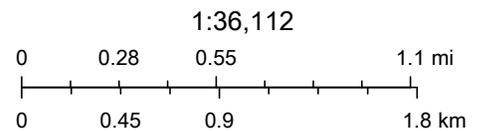
PR-RGRW-04065 Historic Preservation

Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



10/3/2023, 9:50:40 AM

-  Cultural_Resources - Historic Places JP
-  Cultural_Resources - Scenic Places
-  Cultural_Resources - Railway Vestiges
-  Cultural_Resources - Archeological Resources
-  PR-RGRW-04065



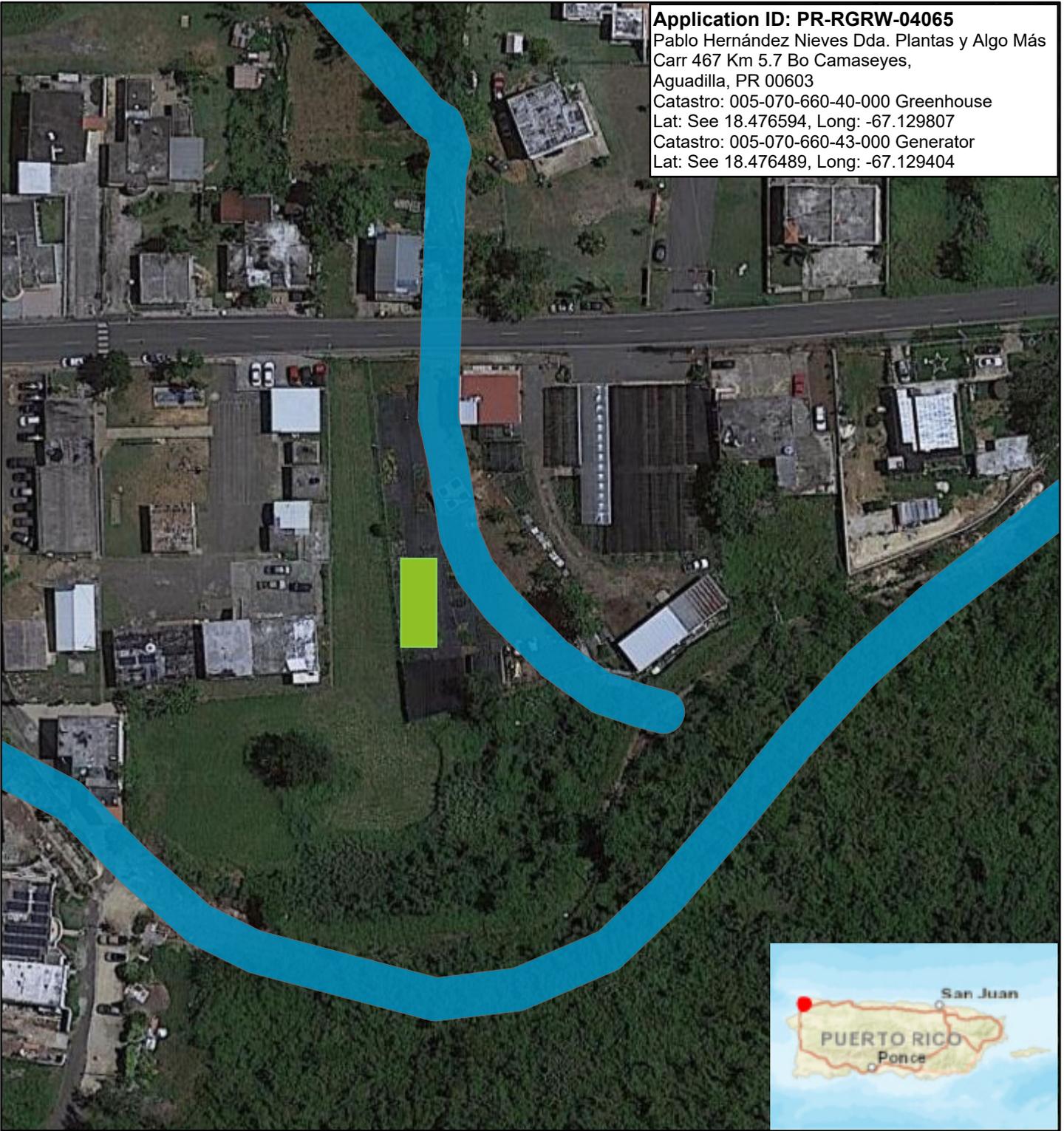
Source

National Park Service (NPS) - National Register of Historic Places (NRHP)
<https://www.nps.gov/subjects/nationalregister/index.htm>
 State Historic Preservation Office (SHPO)
<https://oech.pr.gov/Pages/default.aspx>

PR-RGRW-04065 Wetlands

Cond. Iberia 1 Suite J-3, Calle Perseo 554, Altamira, San Juan, P.R. 00920 Tel.(787)793-0290

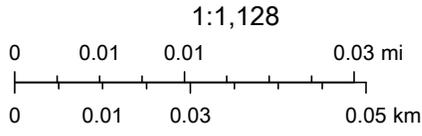
Application ID: PR-RGRW-04065
Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603
Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404



10/3/2023, 10:35:41 AM

WETLANDS - National Wetlands Inventory

-  Canal
-  Greenhouse
-  PR-RGRW-04065



Source
U.S. Fish and Wildlife Service (FWS):
National Wetlands Inventory
<https://www.fws.gov/program/national-wetlands-inventory>

PR-RGRW-04065 Wild and Scenic River

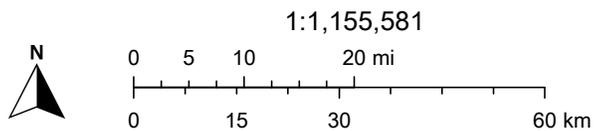


Application ID: PR-RGRW-04065
Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603
Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404

Length; 469,396 feet

10/3/2023, 9:02:16 AM

-  National Wild and Scenic River Line
-  PR-RGRW-04065



Source

U.S. Fish and Wildlife Service (FWS)
National Wild and Scenic Rivers System
<https://www.rivers.gov/mapping-gis.php>

Figure 13

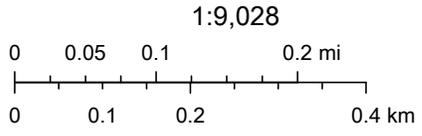
PR-RGRW-04065 Landslide

Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404



3/10/2023, 10:59:15

- Landslide Susceptibility**
- High
 - Very High
 - Moderate
 - Extremely High
 - PR-RGRW-04065



Source: Landslide data from USGS:
 Esri Imagery Basemap service.

Appendix 1



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

November 13, 2023

Lauren Bair Poche

HORNE

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

**SHPO 10-27-23-15 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-04065 – PABLO HERNÁNDEZ NIEVES DDA. PLANTAS Y ALGO MÁS
– CARR. 467, KM 5.7, BO. CAMASEYES, AGUADILLA, PUERTO RICO**

Dear Ms. Bair,

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

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

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MB



October 27, 2023

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-04065 – Pablo Hernández Nieves Dda. Plantas y Algo más – Carr 467 Km 5.7 Bo. Camaseyes, Aguadilla, 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 Pablo Hernández Nieves Dda. Plantas y Algo más located at Carr 467 Km 5.7 Bo. Camaseyes, in the municipality of Aguadilla. The undertaking for this project includes the purchase and installation of 100' x 30' greenhouse and the purchase of a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil and be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure constructed ca. 2010; the equipment is movable and will not be affixed to the building. No ground disturbance will be required for the generator installation. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/LUMA connection on the property.

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

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

Kindest regards,

A handwritten signature in blue ink that reads 'Lauren B. Poche'.

Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más		
Case ID: PR-RGRW-4065	City: Aguadilla	

Project Location: Carr 467 Km 5.7 Bo. Camaseyes	
Project Coordinates: 18.476594 -67.129807, 18.476489 -67.129404	
TPID (Número de Catastro): 005-070-660-40-000, 005-070-660-43-000	
Type of Undertaking: <input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): ca. 2010	Property Size (acres): 11.8

SOI-Qualified Archaeologist: Jaqueline López Meléndez
Date Reviewed: September 26, 2023

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

Project Description (Undertaking)

The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse, a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 -67.129404 and was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/LUMA connection on the property. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

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 location of the greenhouse plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más	
Case ID: PR-RGRW-4065	City: Aguadilla

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are one (1) reported archaeological site within a half-mile (0.50 miles) radius of the project location: Canal de Riego de Aguadilla (SHPO: AL0200011) located 0.06 miles south (see table). The proposed project is located in Aguadilla, at an elevation of 262 feet above sea level. Per the USGS/NRCS Web Soil Survey, the project area is within mapped soil series: Coto clay. The project area APE is in CuB2. The nearest bodies of water are: two unnamed creeks, one 0.01 miles east and the other 0.06 miles north. The coast is approximately 2.23 miles north and 2.56 miles west from the project area.

There are two (2) archaeological studies within a 0.50-miles radius of the proposed project area, both with negative results (see table).

The project area does not have cultural resources that are listed either on the National Register of Historic Places (NRHP) or in a Traditional Urban Center or Historic District. On September 20, 2023, we visually inspected the project area. The area where the greenhouse will be placed has a flat topography. On the surface we observed plants in plastic pots, grasses and bushes. Visibility is average. No cultural remains can be observed on the surface of the parcel.

The soil in the area has been classified as Coto clay, 2 to 5 percent slopes, eroded (CuB2). The Coto series consists of deep, well-drained soils that are slightly acid and moderately permeable.

Determination

The project area is not within or adjacent to the boundaries of a National Register of Historic Places (NRHP)-eligible or listed historic district or Traditional Urban Center. There are no reported archaeological materials or significant cultural properties within a half-mile radius of the proposed project location. There are no known archaeological sites or NRHP listed/eligible historic properties are within or adjacent to the property or the parcel in which the Area of Potential Effect of case PR-RGRW-04065 is located. The installation of a greenhouse has minimally impacted the surrounding terrain. Therefore, no historic properties will be affected by the proposed project activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más		
Case ID: PR-RGRW-4065		City: Aguadilla

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: <ul style="list-style-type: none"> <input type="checkbox"/> Concurs with the information provided. <input type="checkbox"/> Does not concur with the information provided. 	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más		
Case ID: PR-RGRW-4065	City: Aguadilla	

Table of archaeological sites, historic properties and historic districts located within the project area or within a 0.50-miles radius

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP (listed, eligible, non-eligible, no data)
Canal de riego de Aguadilla	AL0200011	-	0.06 mi south	20 th Century irrigation channel	No data

Table of cultural resources surveys conducted within the project area or within a 0.50-miles radius.

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Harry Alemán	IA-IB/ Aguadilla North Proposed Intercepting Sewer	1987	ICP/CAT-AG-87-01-03, SHPO:06-29-87-12	Negative	0.02 mi N
María Cashion	IA-IB/ Mejoras al Sistema Sanitario de La Comunidad Malezas	1993	ICP/CAT-AG-93-03-03, SHPO: 09-24-93-06	Negative	0.03 mi N

Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla

Project (PR-RGRW-04065) Location – Area of Potential Effect Map (Aerial)

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corral, Suite 100, San Juan, P.R. 00909 Tel: (787) 492-2230

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyres,
Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse

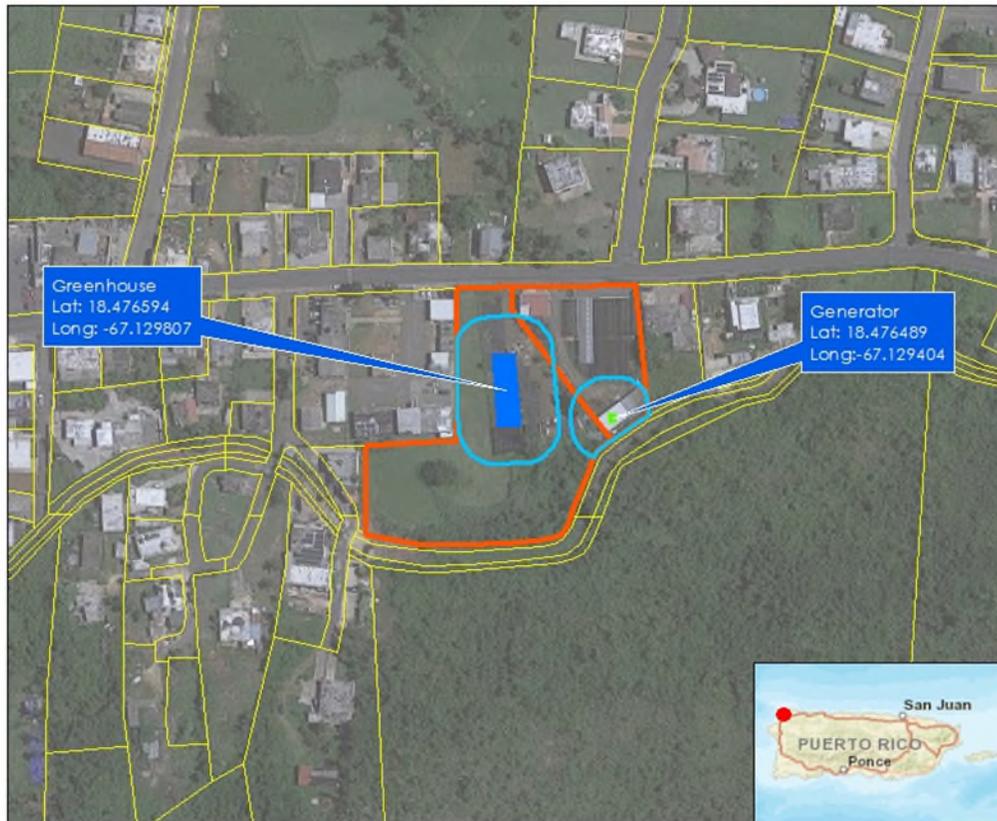
Lat: See 18.476594, Long: -67.129807

Catastro: 005-070-660-43-000 Generator

Lat: See 18.476489, Long: -67.129404

Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

- Area_of_Potencial_Effect
- 04065 Struc. Generator
- 04065 Struc. Greenhouse
- PR-RGRW-04065 Parcels

0 0.04 0.08 mi

0 0.06 0.12 km

Service Layer Credits Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos/Autoridades (CRIFA)
<http://catastro.crimpr.net/cdprpc/>

Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla

Project (PR-RGRW-04065) Location - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Carretera 100 Sur, J. D. Calvo Torres 504, Aguadilla, San Juan, P.R. 00909 Tel: (787) 462-3220

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse

Lat: See 18.476594, Long: -67.129807

Catastro: 005-070-660-43-000 Generator

Lat: See 18.476489, Long: -67.129404

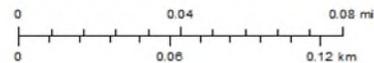
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Greenhouse
Lat: 18.476594
Long: -67.129807

Generator
Lat: 18.476489
Long: -67.129404



Legend:

-  04065 Generator
-  04065 Greenhouse
-  PR-RGRW-04065 Parcels
-  CRIM_PARCELAS_2018

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cdprpc/>



Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla

Project (PR-RGRW-04065) Location - USGS Topographic Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corol, Suite 1 Duque J.S. Calle Ponce 55-A, Aguadilla, San Juan, P.R. 00929 Tel (787) 763-3230

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404

Location: USGS Topographic Map

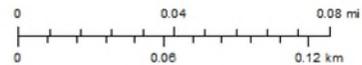
Puerto Rico Department of Housing ReGrow



Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- PR-RGRW-04065 Parcels
- Contour Interval 20 Feet

Quadrangle: Aguadilla



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

United States Geological Survey (USGS)
National Geologic Map Database
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html

Project (PR-RGRW-04065) Location – Soils Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERING, ARCHITECTS AND PLANNERS
Carril, Avenida 10 de Julio, J-8, Calle Ponce 184, Aguadilla, San Juan, P.R. 00603 Tel: (787) 943-3330

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más

Carr 467 Km 5.7 Bo Camoseyes,

Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse

Lat: See 18.476594, Long: -67.129807

Catastro: 005-070-660-43-000 Generator

Lat: See 18.476489, Long: -67.129404

Soils Map

Puerto Rico Department of Housing ReGrow

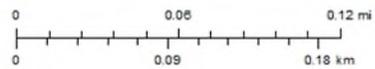


Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- PR-RGRW-04065 Parcels
- Soil Map Unit Symbol

Soil Map Unit Symbol

- BcB - Bejuacos sandy clay loam, 2 to 5 percent slopes
- SaE - San German gravelly clay loam, 20 to 40 percent slopes
- CuB2 - Coto clay, 2 to 5 percent slopes



Service Layer Credits: Sources: Esri, HERE, Garmin, UEGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), IGN, CC-BY, OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos/Autoridades (CRIM)
<https://catastro.crimr.net/cdprpc/>

Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla

Project (PR-RGRW-04065) Location with Previous Investigations - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Carr. 100, Suite 100, San Juan, P.R. 00909 Tel: (787) 763-3232

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más

Carr 467 Km 5.7 Bo Camaseyes,

Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse

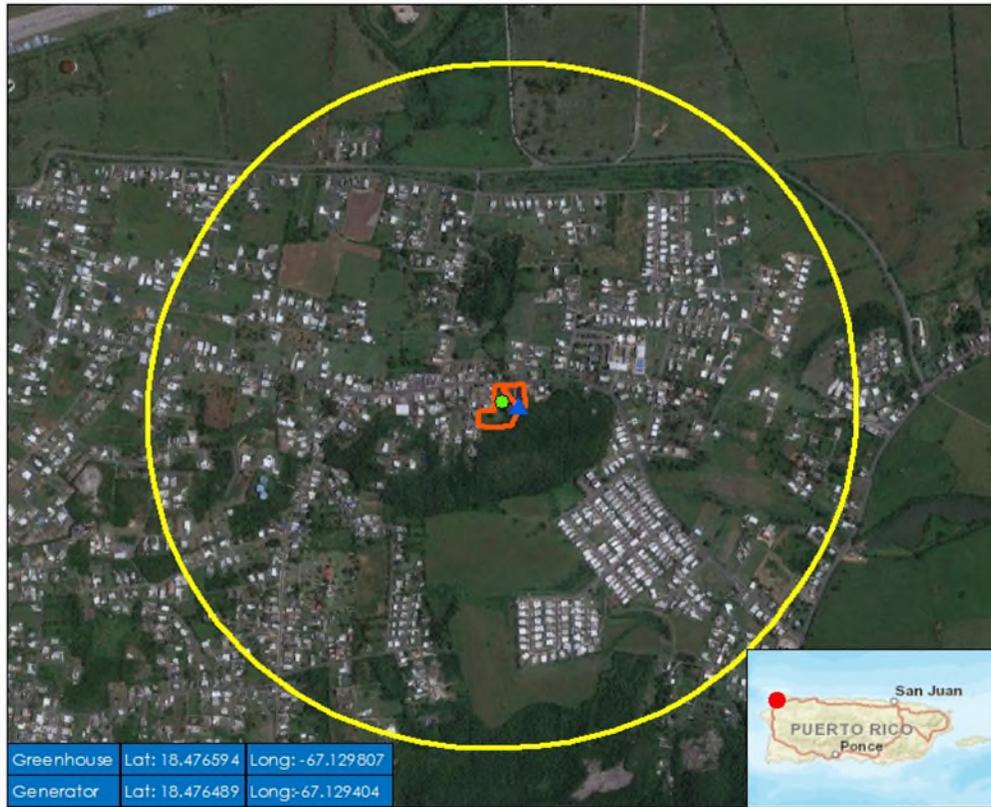
Lat: See 18.476594, Long: -67.129807

Catastro: 005-070-660-43-000 Generator

Lat: See 18.476489, Long: -67.129404

Previous Investigations: Aerial Map

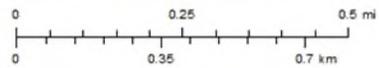
Puerto Rico Department of Housing ReGrow



Greenhouse	Lat: 18.476594	Long: -67.129807
Generator	Lat: 18.476489	Long: -67.129404

Legend:

-  04065 Generator
-  04065 Greenhouse
-  PR-RGRW-04065_Parceles
-  0.50 Mile (0.8 Km) Buffer



Service Layer Credits Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGIS, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth.



Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<http://catastro.crimpr.net/cdprpc/>

Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla

Project (PR-RGRW-04065) Location with Previous Investigations - Topographic Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Carretera 9 Suite 205, Calle Ponce 55A, Aguadilla, San Juan, P.R. 00902 Tel: (787) 763-3220

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo Más
Carr 467 Km 5.7 Bo Camaseyes,
Aguadilla, PR 00603

Previous Investigations: USGS Topographic Map

Catastro: 005-070-660-40-000 Greenhouse
Lat: See 18.476594, Long: -67.129807
Catastro: 005-070-660-43-000 Generator
Lat: See 18.476489, Long: -67.129404

Puerto Rico Department of Housing ReGrow

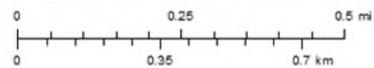


Greenhouse	Lat: 18.476594	Long: -67.129807
Generator	Lat: 18.476489	Long: -67.129404

Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- 0.50 Mile (0.8 Km) Buffer
- Contour Interval 20 Feet

Quadrangle: Aguadilla



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

United States Geological Survey (USGS)
National Geologic Map Database
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html

Photograph Key

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Ciudad, Esquina 1 Suite J-3, Calle Ponce 564, Aguadilla, San Juan, PR. 00920 Tel: 787/763-0280

Application ID: PR-RGRW-04065

Pablo Hernández Nieves Dda. Plantas y Algo más

Carr 467 Km 5.7 Bo Camaseyes,

Aguadilla, PR 00603

Catastro: 005-070-660-40-000 Greenhouse

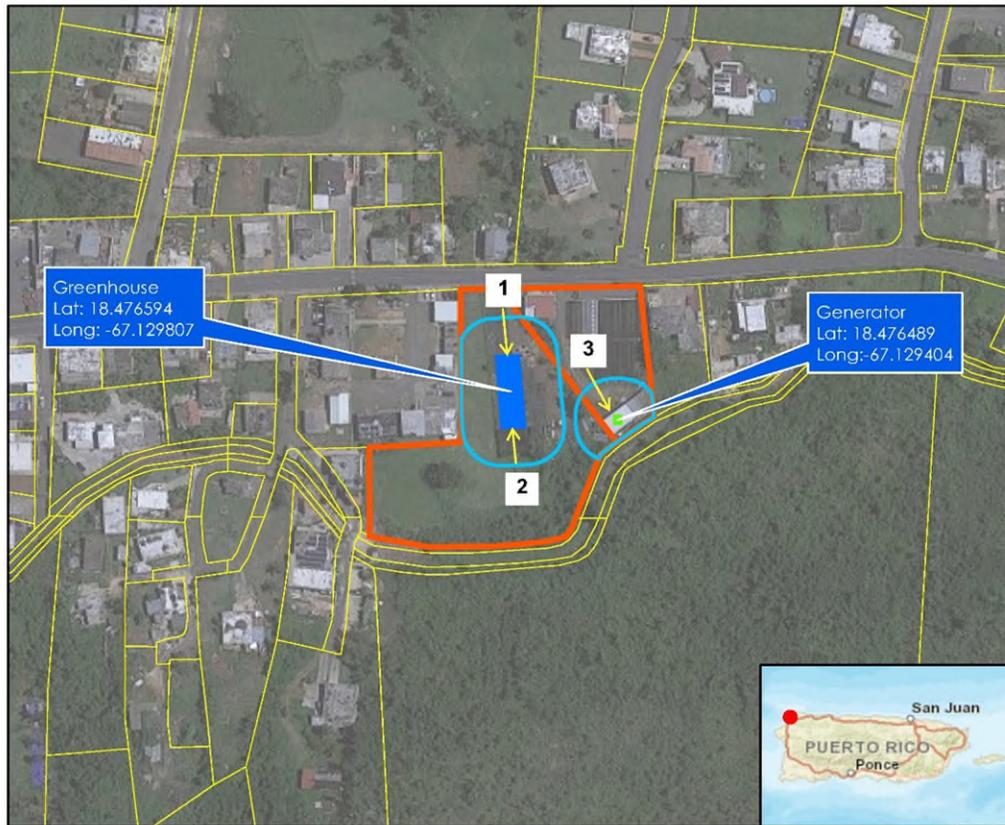
Lat: See 18.476594, Long: -67.129807

Catastro: 005-070-660-43-000 Generator

Lat: See 18.476489, Long: -67.129404

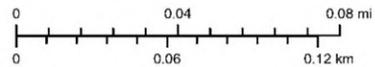
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

- Area_of_Potencial_Effect
- 04065 Struc. Generator
- 04065 Struc. Greenhouse
- PR-RGRW-04065 Parcels



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Informa, INCREMENT.P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.ei/cdprpc/>



Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla



Photo #: 1

Description (include direction): General area where the greenhouse will be installed, looking south.

Date: September 20, 2023



Photo #: 2

Description (include direction): General area where the greenhouse will be installed, looking north.

Date: September 20, 2023

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

REGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Applicant: Pablo Hernández Nieves Dda. Plantas y Algo más

Case ID: PR-RGRW-4065

City: Aguadilla



Photo #: 3

Date: September 20, 2023

Description (include direction): Warehouse building that will be used for storage the generator and equipment, looking southeast.



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT

Appendix 2



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

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

Data is current as of March 31, 2023

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

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

PUERTO RICO

Important Notes

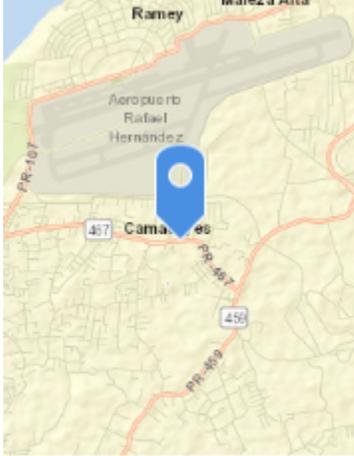
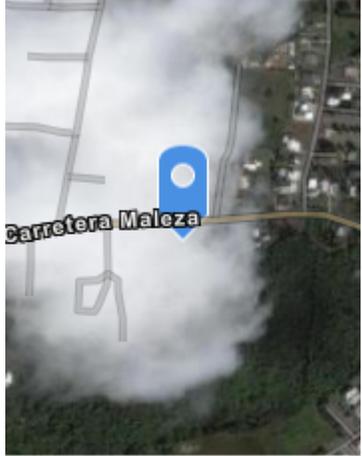
Download National Dataset: [dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11121314151617181920212223	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		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	181920212223	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	181920212223	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	52,441	72/137

Important Notes

Appendix 3

APPLICANT/LOCATION INFORMATION	
Applicant ID:	PR-RGRW-04065
Name:	PABLO HERNANDEZ NIEVES DBA PLANTAS Y ALGO MAS
Parcel ID:	005-070-660-43-000; 005-070-660-40-000
Latitude:	18.4767570294334
Longitude:	-67.12974721553907
Elevation:	79.5848529293704
Development	
Street Address:	Carr 467 Km 5.7 Bo Camaseyes
Municipio:	Aguadilla
Zip Code:	00603
Site Inspector:	Patricia Carmenatty
Date of Visit:	September 11, 2023
Time of Visit:	11:10

FIELD OBSERVATIONS

Question	Answer	Notes
1. Is the structure in use?	Yes	Many greenhouses
2. Is the structure a greenhouse?	Yes	30x100
3. Is Electricity connected? (Utilities or Well)	Yes	LUMA
4. Is water connected? (Utilities or Well)	Yes	AAA
5. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, strom debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	No	
Are there any 55-gallon drums visible on site? If yes, are they leaking?	No	
6. Are there any (or signs of any) underground storage tanks on the property?	No	
7. Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
Is there any stained soil or pavement on the parcel?	No	
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		

Photo Direction: Southwest

Comments: Left side Greenhouse location



Photo Direction: South

Comments: greenhouse location front



Side #1 of Structure

Photo Direction: N/A

Comments: facing away greenhouse



Facing Away From Side #1

Photo Direction: South

Comments: Right side greenhouse location



Back of Structure

Photo Direction: South

Comments:



Facing Away from Back

Photo Direction: N/A

Comments: Back location greenhouse



Side #2 of Structure

Photo Direction: South

Comments: facing away back of the new greenhouse location



Facing Away from Side #2

Photo Direction: East

Comments: Evidence no wetland (dried canal)



Streetscape #1

Photo Direction: N/A

Comments: no water on canal



Streetscape #2

Photo Direction: N/A

Comments:



EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
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 ($\mu\text{g}/\text{m}^3$)	0.0238	0.0667	31	0.261	1
Air Toxics Cancer Risk* (lifetime risk per million)	10	20	0	25	1
Air Toxics Respiratory HI*	0.2	0.19	0	0.31	1
Toxic Releases to Air	5,500	4,300	95	4,600	87
Traffic Proximity (daily traffic count/distance to road)	28	180	30	210	29
Lead Paint (% Pre-1960 Housing)	0.11	0.16	56	0.3	37
Superfund Proximity (site count/km distance)	0.024	0.15	0	0.13	22
RMP Facility Proximity (facility count/km distance)	0.36	0.47	67	0.43	70
Hazardous Waste Proximity (facility count/km distance)	0.32	0.76	47	1.9	43
Underground Storage Tanks (count/km ²)	1.2	1.7	69	3.9	50
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00052	2.3	25	22	43
SOCIOECONOMIC INDICATORS					
Demographic Index	80%	83%	26	35%	95
Supplemental Demographic Index	37%	43%	26	14%	98
People of Color	99%	96%	26	39%	96
Low Income	62%	70%	26	31%	89
Unemployment Rate	10%	15%	44	6%	83
Limited English Speaking Households	54%	67%	20	5%	98
Less Than High School Education	20%	21%	50	12%	81
Under Age 5	2%	4%	34	6%	19
Over Age 64	23%	22%	54	17%	75
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>.

Appendix 4

November 28, 2023

Mr. Edwin Muñíz
Field Supervisor
Fish and Wildlife Service
Caribbean Ecological Services Field Office
PO Box 491
Boqueron, PR 00622
Email: caribbean_es@fws.gov

RE: Informal Consultation for Case PR-RGRW-04065 at Carr 467 Km 5.7 Bo Camaseyes, Aguadilla, PR 00603

Dear Mr. Muniz:

The Puerto Rico Department of Housing is requiring 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-04065, located at coordinates of the greenhouse location: latitude 18.476594, longitude -67.129807 and generator location: latitude 18.476489 longitude – 67.129404 on Carr 467 Km 5.7 Bo Camaseyes, Aguadilla, PR 00603 see Figure 1: Location Map and Figure 2: Topographic Map. 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 inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities.

The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse, a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 -67.129404 was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/LUMA connection on the property. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the greenhouse and generator, see Figure 3: Area of Potential Effect.

Existing Conditions and Trends:

For the proposed project parcels 005-070-660-40-000 and 005-070-660-43-000, the areas are designated as Prime Farmland, See Figure 4: PR-RGRW-04065 Farmland Protection Map. The project area is located in a residential area of Aguadilla. The area where the greenhouse will be placed has a flat topography. On the surface we observed plants in plastic pots, grasses and bushes, refer to Photo 1 and Photo 2. The area where the generator will be stored is inside a warehouse, refer Photo 3. The soil in the area has been classified as Coto clay, 2 to 5 percent slopes, eroded (CuB2). The Coto series consists of deep, well-drained soils that are slightly acid and moderately permeable. The land has been used for agricultural uses for over 11 years and the proposed project will not change the land use associated with these placements. In addition, the closer Final Critical Habitat is located at 36,099 feet from the project location, see Figure 5 PR-RGRW-04065 Critical Habitats Map.

Using the Information for Planning and Consultation (IPaC) system (See Exhibit 2), we have determined that the proposed project lies within the range of the following federally listed species and critical habitats:

Name of species	Threatened/Endangered/Candidate
Reptiles	
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	Endangered
Critical Habitat	
There are no critical habitats within the project area.	

The nature of the project, scope of work, information available, a careful analysis of the IpaC, the Puerto Rico Boa conservation measures, the Caribbean Dkey dated November 20, 2023, in the US Fish and Wildlife Service’s online IPaC application, and the observations during the field visit, were used to evaluate the potential impacts to federally listed species from this project. Based on that information and the answer inputted into the Dkey, it was determined that the proposed action will have “No Effect” determination on the Puerto Rican Boa, see Exhibit 2.

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	No Effect (NE)	USFWS Puerto Rico Boa Conservation Measures 2020
Critical Habitats		
There are no critical habitats within the project area.		

In order to complete the informal consultation process, we are requesting your concurrence for the NE determination included in this letter. Attached to this letter, we are including the documents used to reach our effect determinations for the listed species. Should you require any additional information, please contact Allison Cullett at allison.cullett@horne.com.

References:

Puerto Rican boa (*Chilabothrus inornatus*)

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

USFWS Puerto Rican boa Conservation Measures

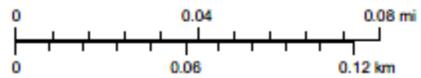
Exhibit A: Figures

Location: Aerial Map
 Puerto Rico Department of Housing ReGrow



Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- PR-RGRW-04065 Parcels
- CRIM_PARCELAS_2018



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, MEL, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRM)
<https://catastro.cimpr.net/cdppc/>

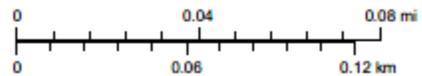
Figure 1: PR-RGRW-04065 Location Map

Location: USGS Topographic Map
 Puerto Rico Department of Housing ReGrow



Legend:

- ▲ 04065 Generator
- 04065 Greenhouse
- PR-RGRW-04065 Parcels
- Contour Interval 20 Feet



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Quadrangle: Aguadilla

Source

United States Geological Survey (USGS)
 National Geologic Map Database
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html

Figure 2: PR-RGRW-04065 Topographic Map

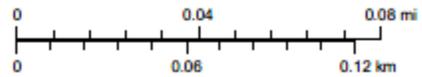
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

-  Area_of_Potential_Effect
-  04065 Struc. Generator
-  04065 Struc. Greenhouse
-  PR-RGRW-04065 Parcels



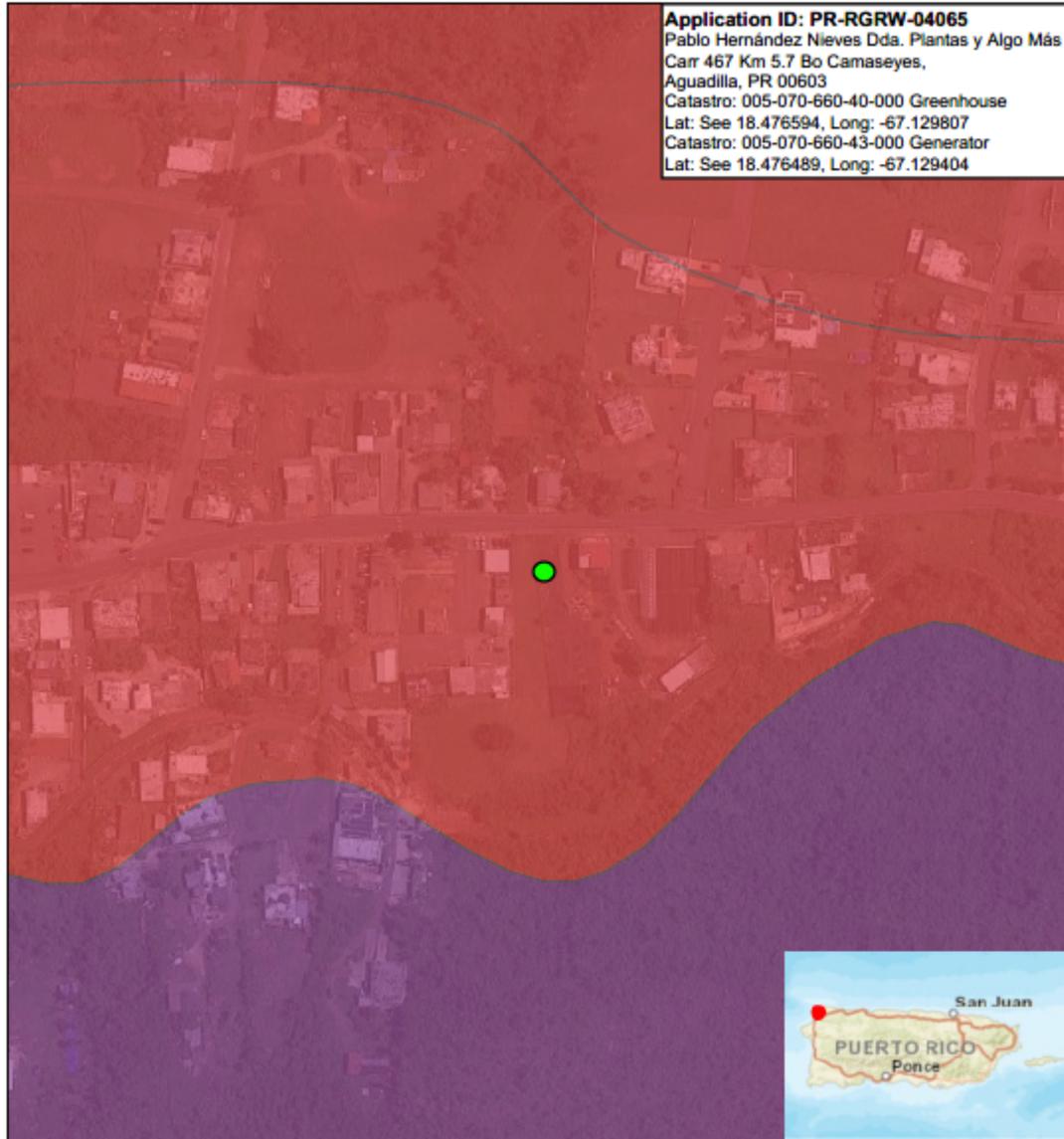
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, (c) OpenStreetMap contributors, and the GIS User Community and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRM)
<https://catastro.cimpr.net/cdpprc/>

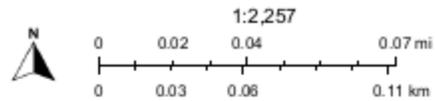
Figure 3: PR-RGRW-04065 Area of Potential Effect Map



10/3/2023, 10:20:46 AM

Farmland Protection

- All areas are prime farmland
- Not prime farmland
- PR-RGRW-04065

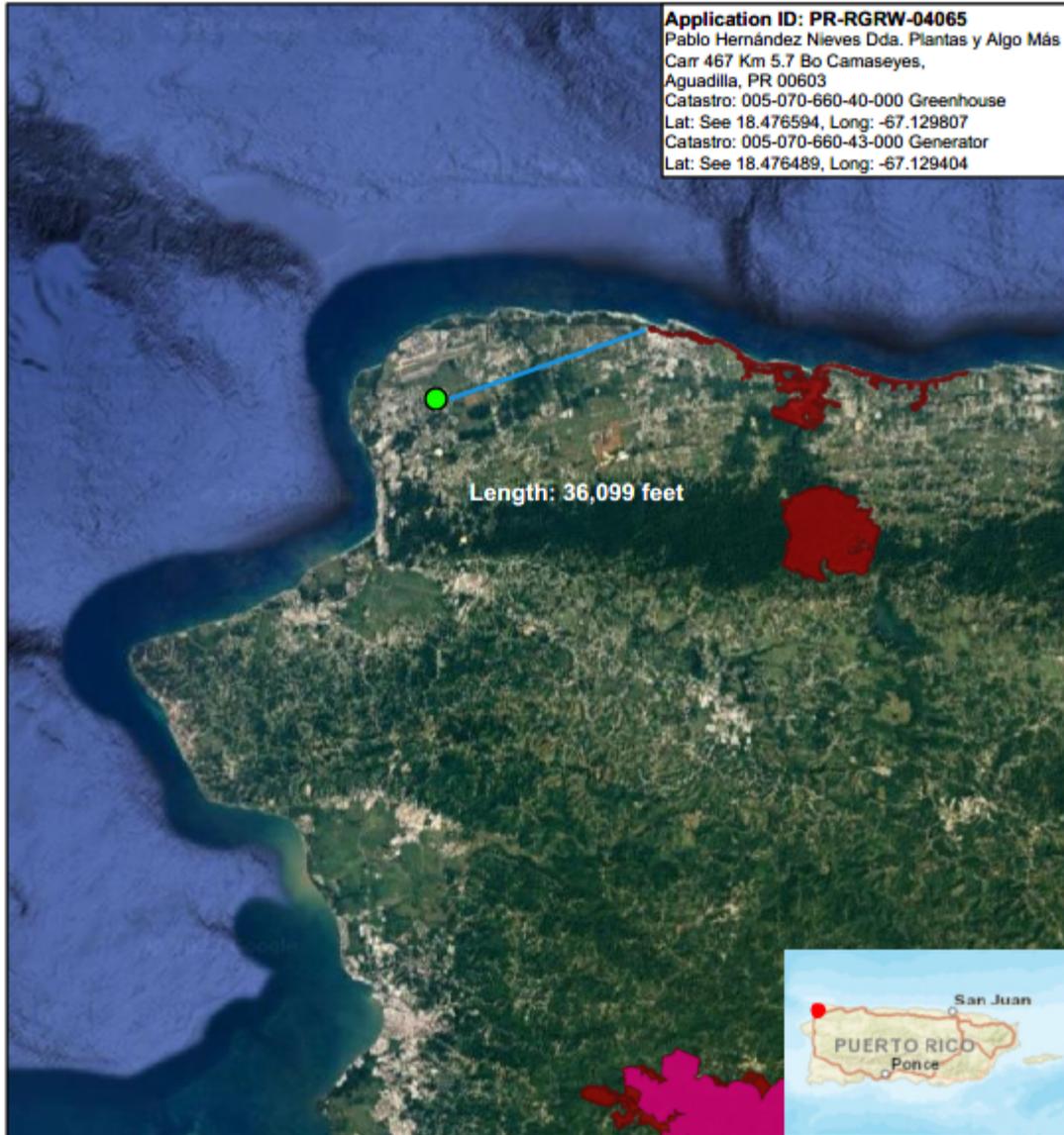


Source

Natural Resources Conservation Service (NRCS)
 Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nal.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

Figure 4: PR-RGRW-04065 Farmland Protection Map

PR-RGRW-04065 Endangered Species



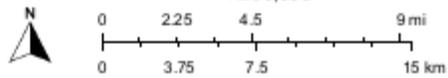
Application ID: PR-RGRW-04065
 Pablo Hernández Nieves Dda. Plantas y Algo Más
 Carr 467 Km 5.7 Bo Camaseyes,
 Aguadilla, PR 00603
 Catastro: 005-070-660-40-000 Greenhouse
 Lat: See 18.476594, Long: -67.129807
 Catastro: 005-070-660-43-000 Generator
 Lat: See 18.476489, Long: -67.129404

Length: 36,099 feet

10/3/2023, 9:49:05 AM

Critical Habitat for Threatened & Endangered Species

- Proposed
- USFWS Critical Habitat - Final
- PR-RGRW-04065



Source
 National Oceanic and Atmospheric Administration (NOAA)
 Office of Response and Restoration
<https://response.restoration.noaa.gov/>

Figure 5: PR-RGRW-04065 Critical Habitats Map

Exhibit B: Information for Planning and Consultation (IPaC)



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (787) 834-1600 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:
Project Code: 2024-0018231
Project Name: PR-RGRW-4065

November 20, 2023

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. 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

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

(787) 834-1600

PROJECT SUMMARY

Project Code: 2024-0018231

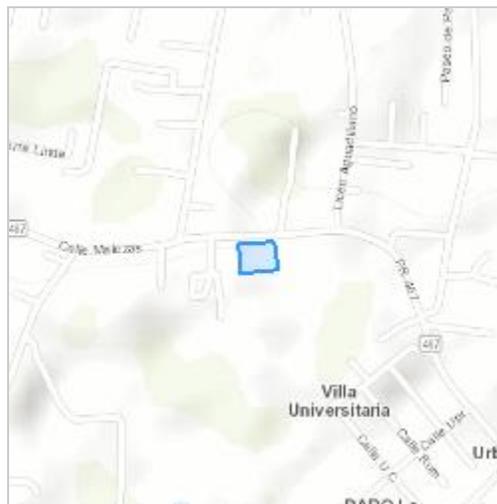
Project Name: PR-RGRW-4065

Project Type: New Constr - Above Ground

Project Description: The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse, a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 -67.129404 was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/ LUMA connection on the property. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.476637750000002,-67.12978470039371,14z>



Counties: Aguadilla County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 1 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 Fisheries¹, 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.

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4YZNUQIGZBCF5EIPYZQECLFW4Y/documents/generated/7140.pdf	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 Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

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 Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

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

RIVERINE

- R5UBH
-

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patricia Carmenatty
Address: Perseo St. 554 Cond. Iberia Suite J-3
City: San Juan
State: PR
Zip: 00920
Email: patricia.carmenatty@byaea.com
Phone: 7877830290



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (787) 834-1600 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:
Project code: 2024-0018231
Project Name: PR-RGRW-4065

November 20, 2023

Subject: Consistency letter for the project named 'PR-RGRW-4065' 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 November 20, 2023, Patricia Carmenatty used the Caribbean DKey; dated October 12, 2023, 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-4065'. The project is located in Aguadilla County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.476637750000002,-67.12978470039371,14z>



The following description was provided for the project 'PR-RGRW-4065':

The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse, a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 -67.129404 was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/LUMA connection on the property. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

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.

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-4065

2. Description

The following description was provided for the project 'PR-RGRW-4065':

The proposed activities for PR-RGRW-04065 consist of the purchase and installation of 100' x 30' greenhouse, a generator, refrigerator, maintenance tools and a Transit 250. The new greenhouse will be placed on bare soil at parcel 005-070-660-40-000. The greenhouse will be anchored with foundations at the corners and center spaced 10 feet apart and buried 2 feet. The generator and other appliances will be stored on a structure at parcel 005-070-660-43-000. The building is located at 18.476489 -67.129404 was constructed ca. 2010. The building is present in 2012 aerial imagery but is absent from 2009 imagery. The equipment is movable and will not be affixed to the building. The water needed for the greenhouse will be provided by an existing PRASA intake on the property. The power needed will be provided by an existing PREPA/LUMA connection on the property. No ground disturbance will be required for the generator installation. The project area is located at PR-467 km. 5.7 within the Municipality of Aguadilla. Based on a review of historical aerial imagery, the general area of the proposed greenhouse has been used for agricultural purposes for the past 11 years.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.476637750000002,-67.12978470039371,14z>



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. .

Yes

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

Automatically answered

Yes

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patricia Carmenatty
Address: Perseo St. 554 Cond. Iberia Suite J-3
City: San Juan
State: PR
Zip: 00920
Email: patricia.carmenatty@byaea.com
Phone: 7877830290

Exhibit C: Field Visit Photos



Photo #: 1

Description (include direction): General area where the greenhouse will be installed, looking south.

Date: September 20, 2023



Photo #: 2

Description (include direction): General area where the greenhouse will be installed, looking north.

Date: September 20, 2023



Photo #: 3

Date: September 20, 2023

Description (include direction): Warehouse building that will be used for storage the generator and equipment, looking southeast.