

Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

Project Information

Project ID: PR-RGRW-01670

Project Name: Iris A. Rivera Camacho

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Ciales, PR

Preparer: Patricia Carmenatty

Certifying Officer Name and Title: Permit and Environmental Compliance Officers: Sally Z. Acevedo Cosme, Pedro de León Rodríguez, María T. Torres Bregon, Ivelisse Lorenzo Torres, Angel Gabriel López Guzmán, Janette Cambrelen, Santa D. Ramírez Lebrón, Limary Vélez Marrero and Juan C. Pérez Bofill.

Consultant: Behar Ybarra & Associates LLC

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

Project Location:

Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos, Ciales, PR 00638

Container location: latitude 18.268383, longitude -66.468456

Corral location: latitude 18.268253, longitude -66.468644

Parcel cadastral # 192-000-003-98

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

The Proposed Project consists of the purchase of a 40 feet container (a 3 inch layer of stone will be placed to form a base for the container), a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2'), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighing balance, an UTV and a trailer. The 20 x 40 feet structure shade-structure for the cattle will have 4 support posts and a galvalume roof; which will require ground disturbance to anchor the support posts. The portable electric

fence will be stabilized using metal spikes which will cause minimal ground disturbance during use. The water supply will be from an existing intake in the property. The portable electrified fence will be powered by a solar pack. The proposed area for use of the portable fence is adjacent/near the proposed container and shade structure.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the container, and structure for corrals. The area of potential effects (APE) measures 514 square meters.

A site Map is included in Figure 1, illustrating the location of the container and corrals on the property. Photos of the locations are included in the 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 inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project associated with the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 the proposed container and corrals placement is used for agricultural purposes. It is evident that stone is abundant in the area. The road and part of the area where the project will be developed has an exposed surface. The use of heavy machinery to make the plains where the project will be developed is evident. This change to the original topography of the site was made many years ago. The place where the container will be installed is at a higher level than where the corral will be placed. Therefore, there is no change in land use associated with these container and corrals placements.

Funding Information

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

Estimated Total HUD Funded Amount: \$48,777.70

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$48,777.70.

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists only of purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer and will have no impact on any Airports. This topic is in compliance with the HUD's Airport Hazard regulations without further evaluation. The site is located 99,551 feet from the nearest major civil airport (Mercedita International Airport in Ponce) and 173,205 feet from the nearest military airport (Luis Muñoz Marin International Airport in San Juan). See the attached Airport map Runway Protection Zone, Figure 2.
Coastal Barrier Resources	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not located in a CBRS Unit. The project is located 67,787 feet south of the nearest Coastal Barrier Resource

<p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>		<p>System, PR-83. 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>
<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 <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in a Zone X, Panel 72000C0665J, 11/18/2009 on the FEMA FIRM. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Maps, Figure 4.1 and 4.2.</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 <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists only of purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 64,500 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 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 3,000 feet from the project site.</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 is 28,088 feet from the nearest final endangered species critical habitat. The scope of work includes continued agricultural use of the property with no intention to cut down trees. Additionally, the project has no critical habitats in the area.</p> <p>According to the United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website the following endangered and/or threatened species have the potential to occur in the study area, however, the project location is outside any critical habitat designated for these species:</p> <ul style="list-style-type: none"> • Puerto Rican Boa (<i>Epicrates inornatus</i>). • Puerto Rican broad-winged hawk (<i>Buteo platypterus brunnescens</i>)

		<ul style="list-style-type: none"> • Puerto Rican parrot (Amazona vittata) <p>Based on the nature of the project, scope of work, information available, and a careful analysis of the IPaC, the Puerto Rico Boa conservation measures, and the observations during the field visit, the project may affect, but is not likely to adversely effect the mentioned species.</p> <p>A consultation letter was submitted to USFWS on August 16, 2023 for their concurrence. The USFWS office concurred with PRDOH's determination in a letter dated August 22, 2023 provided that all the species conservation measures are implemented. See copy of Consultation Letter submitted to USFWS, evidence of their concurrence, and IPaC in Attachment 3.</p> <p>Although no critical habitat exists, if a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa. 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.</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 only of purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep</p>

		(10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer and does not include development, construction or rehabilitation that will increase residential density. This project is in compliance with this citation without further evaluation.
<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. All areas under the project site are not prime farmland. 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, 72000C0665J, 11/18/2009 (Figure 4.1). 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 March 24, 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 the container and corrals facility. Documentation with photographs and maps was subsequently submitted to SHPO (attached Appendix 1). In a response from PR SHPO dated June 1, 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 in 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 only of the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 this citation 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 this citation without further evaluation.</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There is an unnamed creek 240 feet from the project site. Therefore, the wetland will not be affected by the project undertaking. The project is in compliance with Executive Order 11990. See the attached Wetlands map, Figure 11.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of a NWSRS river. The project is in compliance with the Wild and Scenic Rivers Act. The project is located 251,417 feet from the nearest Wild and Scenic River. See Map, Figure 12.</p>
<p>ENVIRONMENTAL JUSTICE</p>		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<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</p>

		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 AP (Productive Agricultural) and existing land use SREP-A (Specially Protected Rustic Soil - Agricultural). There is no urban design associated with this rural, agricultural site.
Soil Suitability/ Slope/ Erosion/	2	The soil is currently being used for agriculture purposes. There is no change in land use since the land will

Drainage/ Storm Water Runoff		continue to be used to agriculture purposes. The landslide data indicates high and very high landslide susceptibility. The road and part of the area where the project will be developed has an exposed surface, therefore, no erosion is expected to occur from this project. The project will not affect the drainage in the area. Additionally, the project does not include activities that involve human habitation to where mitigation measures for landslide risk are necessary. There will be little to no additional runoff associated with the project. 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.
Energy Consumption	2	The project should not trigger any additional energy consumption since the project is the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer on an existing agricultural farm and will not require any expansion to existing power facilities. The portable electrified fence will be powered by a solar pack.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project is not anticipated to have a significant impact on Employment and Income Patterns. However, since the project will include an economic component, it may aid in restoring some employment opportunities and income patterns.
Demographic Character Changes, Displacement	2	The proposed project will not alter the demographic characteristics of Ciales, PR. The applicant is already located at this location and the project will provide

		opportunities for the continuous agricultural growth of the business.
--	--	---

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 purchase and installation of the container and corrals is not expected to result in 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 connections will be provided for potable water, is going to be taken from an existing water 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 the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 on 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 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 container and corral but no negative impact on wildlife.

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. Also, the correct protocols will be followed so that the project will be not affected by any climate change in the future.
----------------	---	---

Field Inspection (Date and completed by): March 24, 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/npia/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 includes a FONSI/NOI-RROF in compliance with NEPA regulations for HUD.

Cumulative Impact Analysis [24 CFR 58.32]: In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer for an agricultural site.

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

The "Alternative" action would mean that the applicant would consider other locations for the new container and corrals. However, other locations may result in additional tree clearing prior to construction and/or need to fill in some steep area. The Alternative action would not allow for this economic development for this applicant. A provision of the grant allows for economic development for businesses and will allow the applicant to breed sheep. With this, the viable alternative is the location suggested for the placements where the container will be installed.

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

The 'No-Action' alternative would mean that the applicant would not receive federal funding to provide for purchase 40 feet container, a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighting balance, an UTV and a trailer 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 environment nor is there the requirement for further consultation with any agency. There are no environmental review topics addressed that result in the need for formal compliance steps or the requirement for mitigation.

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

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development

agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure

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: 8/22/2023

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

Certifying Officer Signature:  Date: September 1, 2023

Name/Title: Sally Z. Acevedo Cosme- Permits and Environmental Compliance Specialist

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

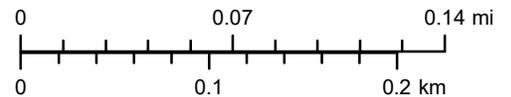
Figures

Figure 1
Location: Aerial Map
 Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel
- CRIM Parcels



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google Earth

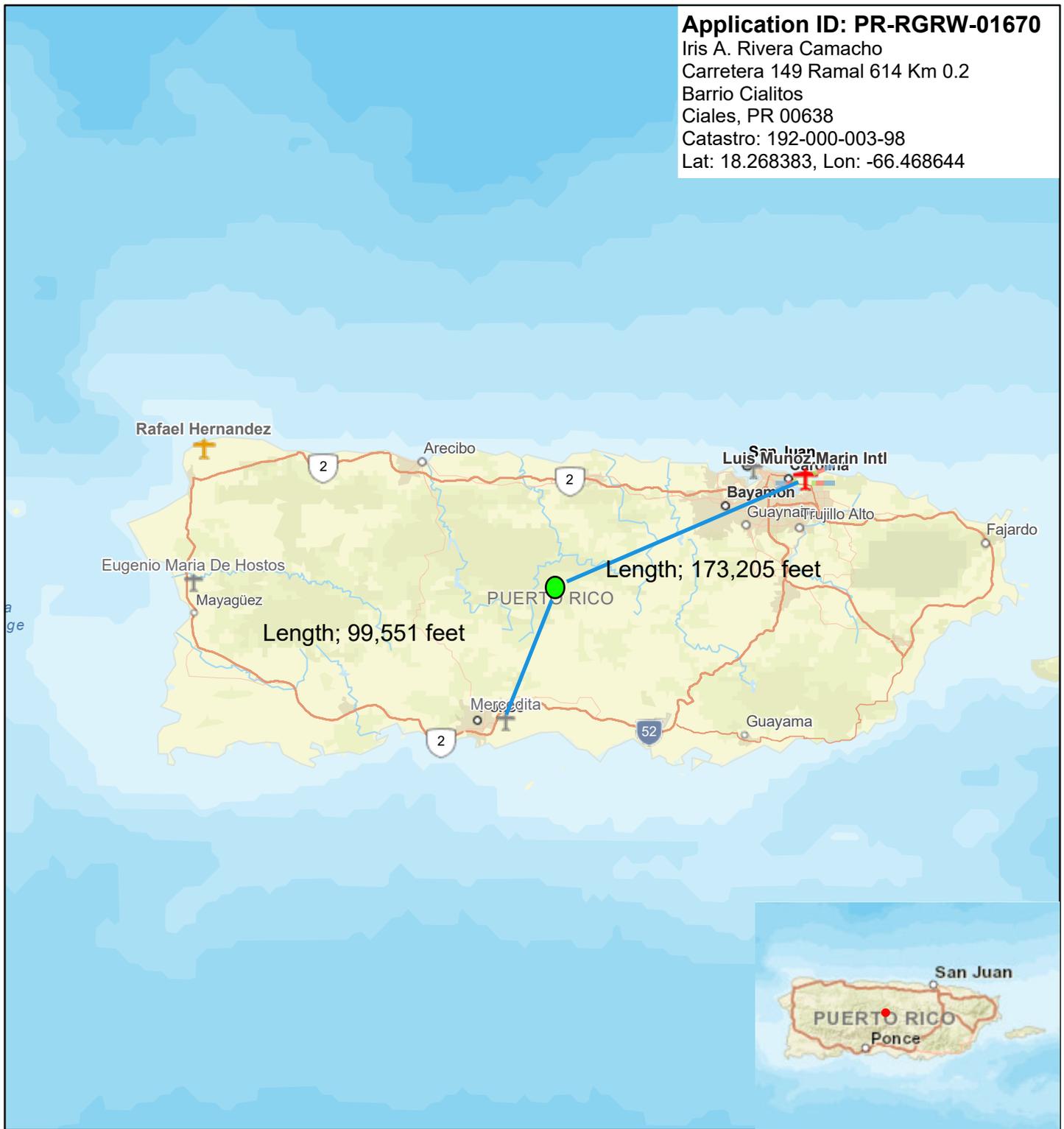


Source

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

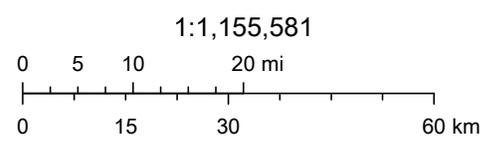
Figure 2 PR-RGRW-01670 Airports

Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644



4/19/2023, 11:47:07 AM

- | | | |
|-------------------------|--|----------------------------------|
| Accident Potential Zone | | USA Airports - 1,000,000 or more |
| | | USA Airports - 100,000 - 999,999 |
| | | USA Airports - Less than 100,000 |
| | | PR-RGRW-01670 |



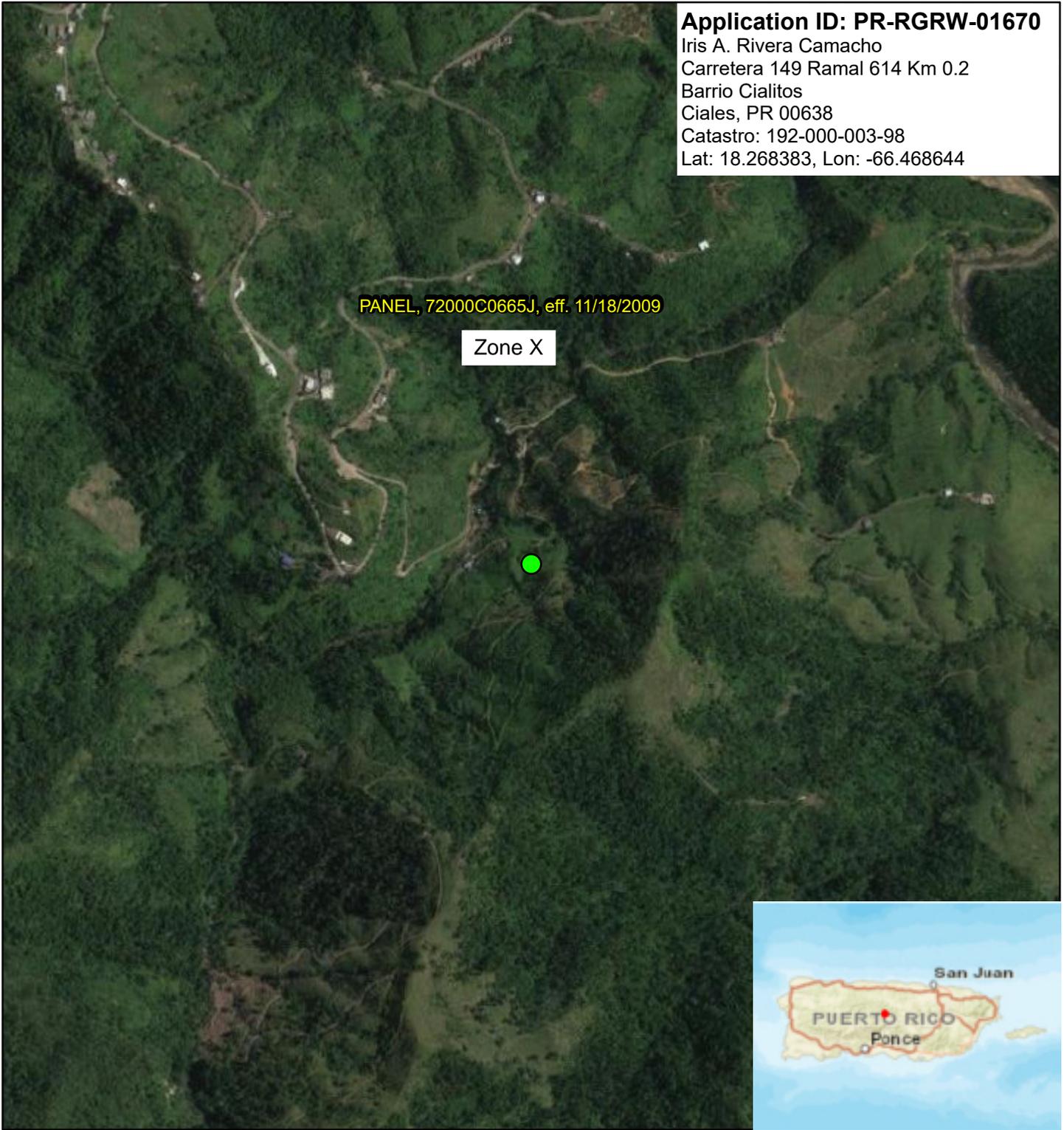
Runway Protection Zones
 Major Civil and Military Airports

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



Figure 4.1

PR-RGRW-01670 Effective FIRM Panel



Application ID: PR-RGRW-01670
Iris A. Rivera Camacho
Carretera 149 Ramal 614 Km 0.2
Barrio Cialitos
Ciales, PR 00638
Catastro: 192-000-003-98
Lat: 18.268383, Lon: -66.468644

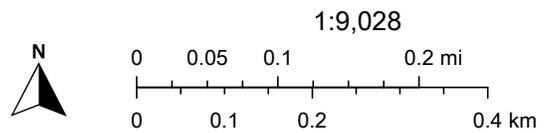
PANEL, 72000C0665J, eff. 11/18/2009

Zone X

6/16/2023, 12:47:02 PM

-  PR-RGRW-01670
-  Effective FIRM Panel

Flood Zone: X



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

Figure 4.2

PR-RGRW-01670 Flood Hazard Map



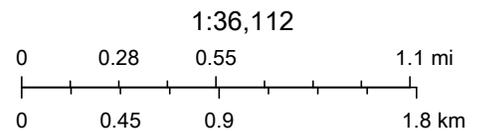
6/8/2023, 9:55:14 AM

FEMA_FIRM - FEMA_FLOOD_HAZARD_AREAS

 Special Flood Hazard Areas

 Other Areas

 PR-RGRW-01670



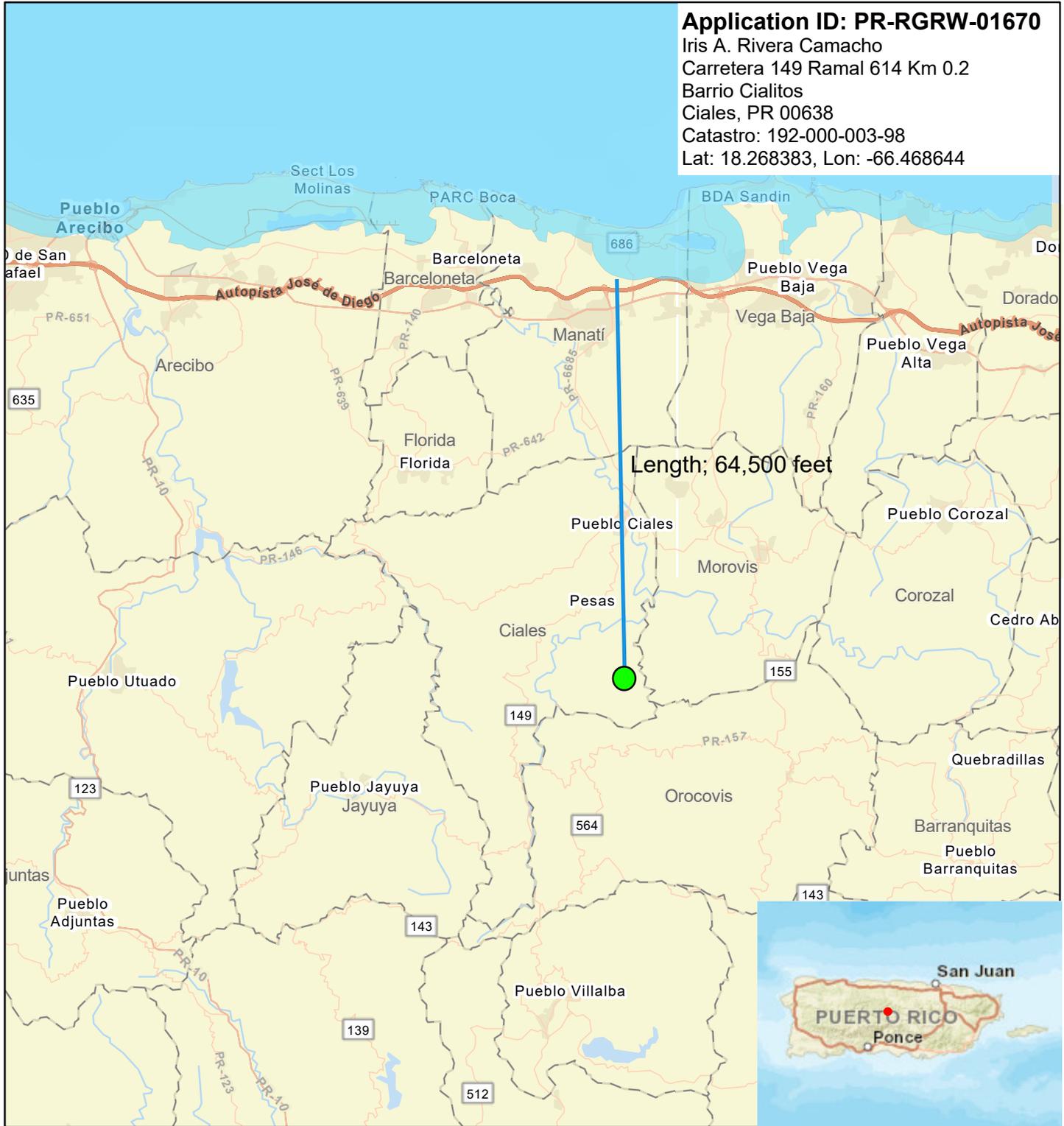
1:36,112

Source

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

PR-RGRW-01670 CZM

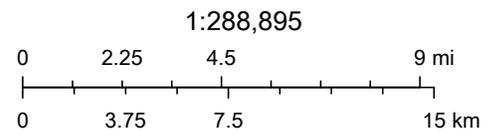
Application ID: PR-RGRW-01670
Iris A. Rivera Camacho
Carretera 149 Ramal 614 Km 0.2
Barrio Cialitos
Ciales, PR 00638
Catastro: 192-000-003-98
Lat: 18.268383, Lon: -66.468644



4/19/2023, 12:30:57 PM

 Coastal Zone

 PR-RGRW-01670



Source

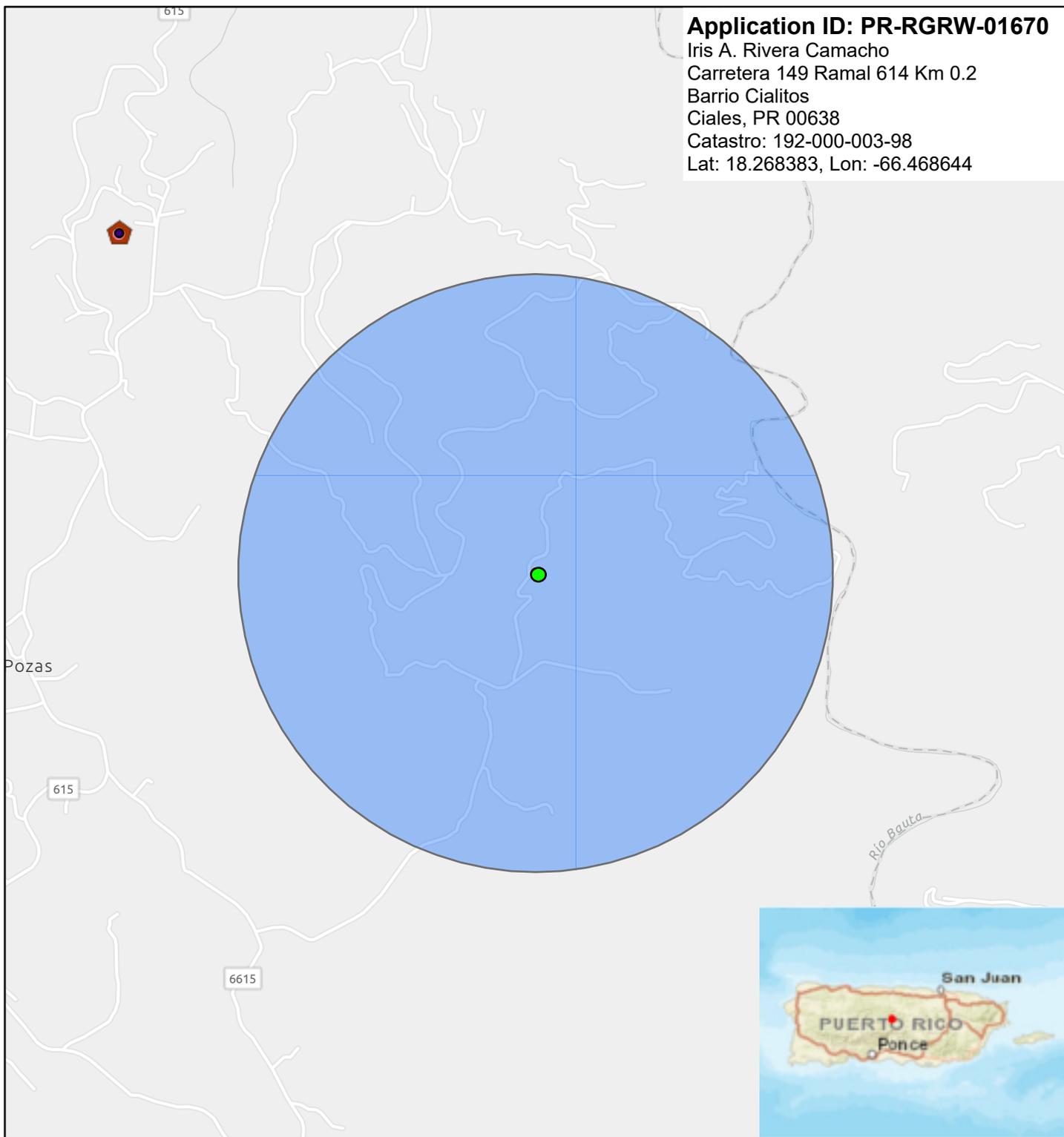
National Oceanic and Atmospheric Administration (NOAA)
NOAA Office for Coastal Management (NOAA/OCM)
<https://www.fisheries.noaa.gov/inport/item/53132>

Figure 6

PR-RGRW-01670 Toxic

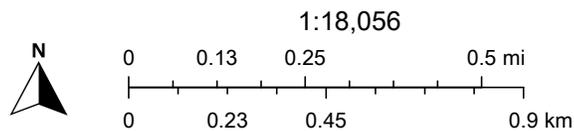
Application ID: PR-RGRW-01670

Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644



6/8/2023, 12:01:53 PM

- 3,000feet
- PR-RGRW-01670
- FACILITY INTERESTS
- ICIS
- NPDES

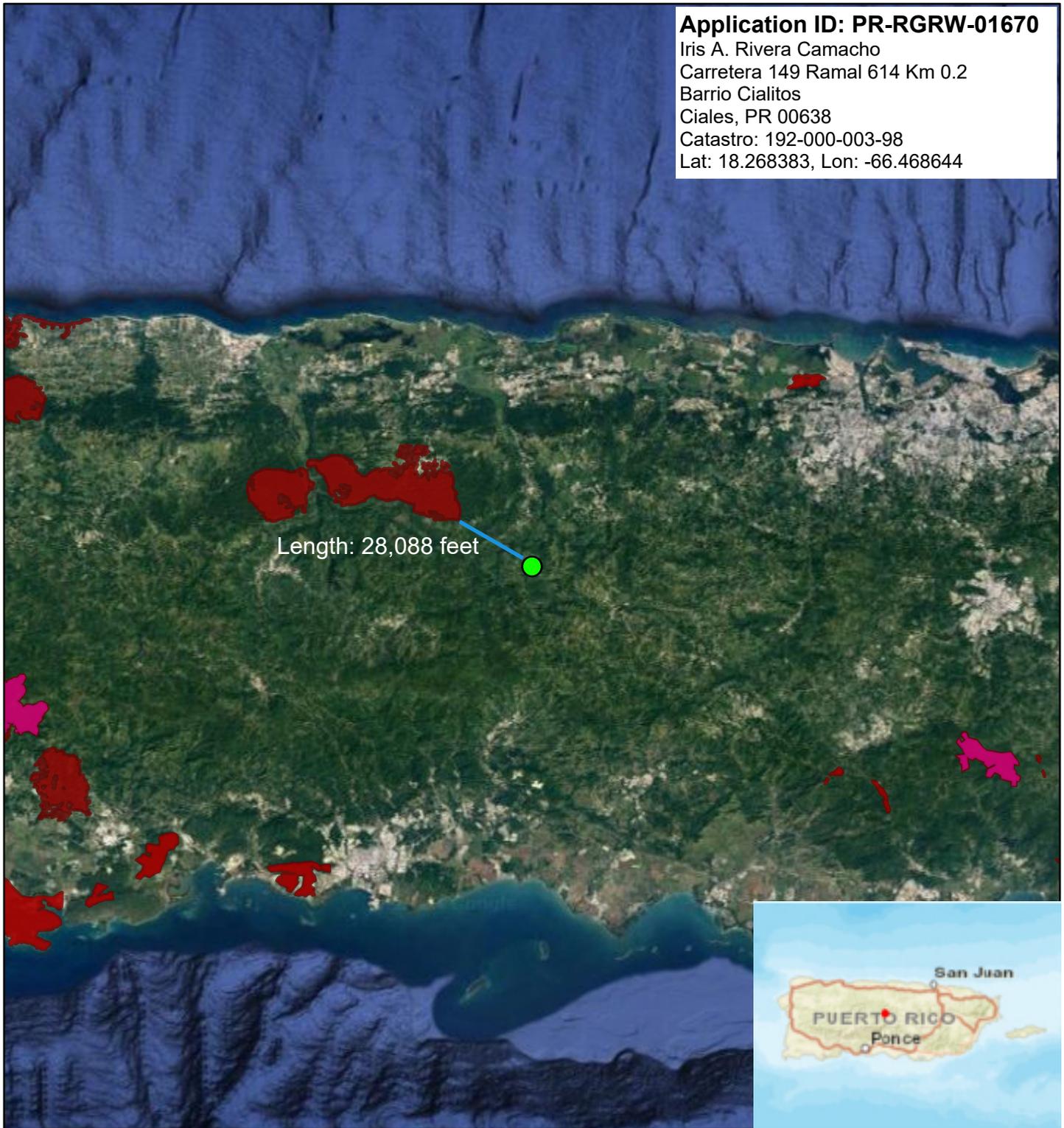


Source
 U.S. Environmental Protection Agency (EPA)
 Facility Registry Service (FRS)
<https://www.epa.gov/frs>

Figure 7

PR-PRGW-01670 Endangered Species

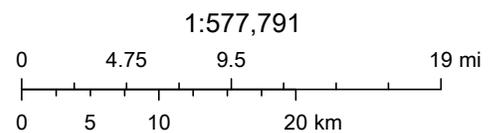
Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644



6/19/2023, 3:38:02 PM

Critical Habitat for Threatened & Endangered Species

- Final
- Proposed
- USFWS Critical Habitat - Final
- PR-RGRW-01670



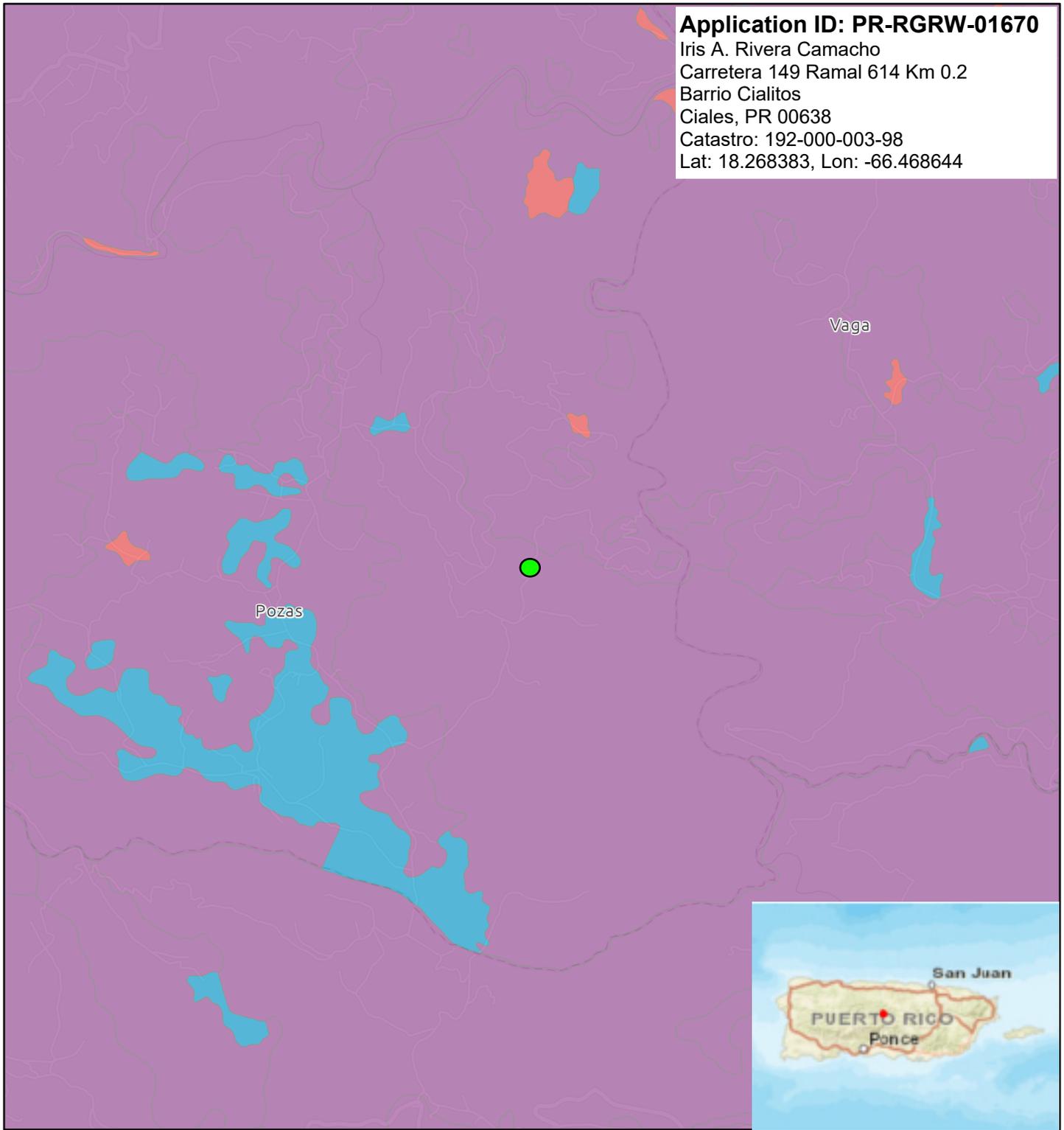
Source

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

Figure 8

PR-RGRW-01670 Farmland

Cond. Iberia 1 Suite J-3, Calle Persico 554, Altamira, San Juan, PR. 00920 Tel. (787)783-0290



Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644

6/8/2023, 12:18:45 PM

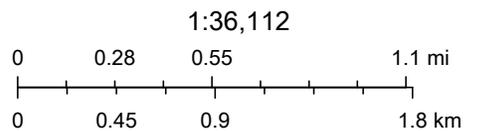
Farmland Protection

 PR-RGRW-01670

 All areas are prime farmland

 Farmland of statewide importance

 Not prime farmland



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-01670 ABFE



6/8/2023, 9:57:01 AM

Flood Hazard Zone

A

X 0.2% Annual Chance Flood

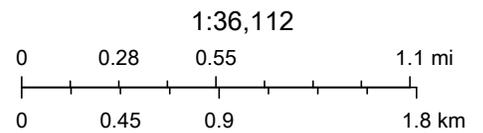
Zone/BFE Boundary

Flood Hazard Extent

1% Annual Chance Flood

0.2% Annual Chance Flood

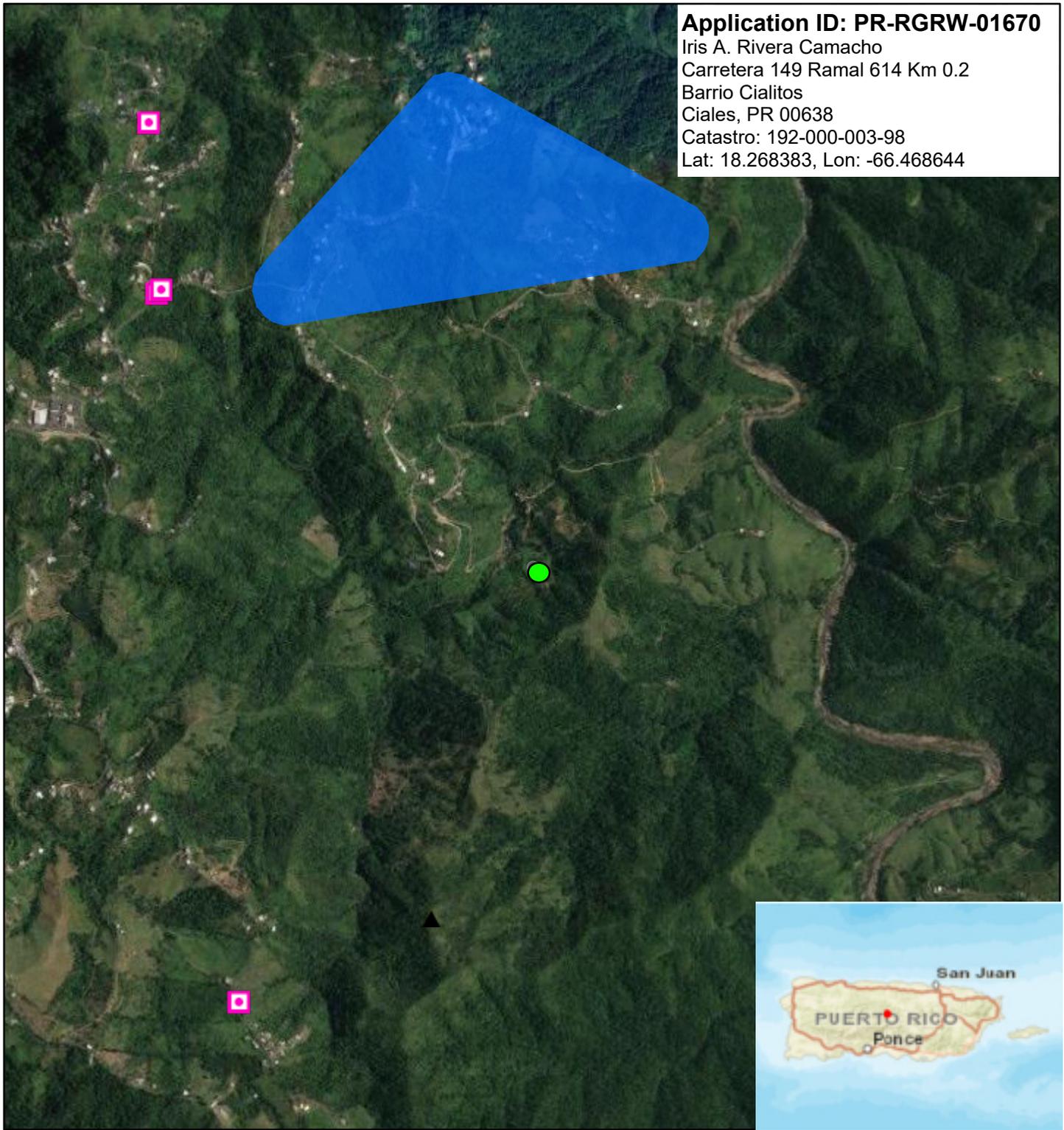
PR-RGRW-01670



Source

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

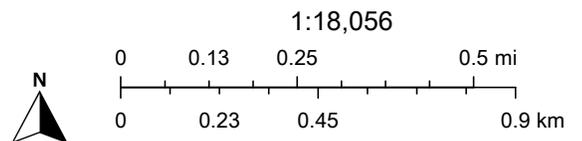
PR-RGRW-01670 Historic Preservation



Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644

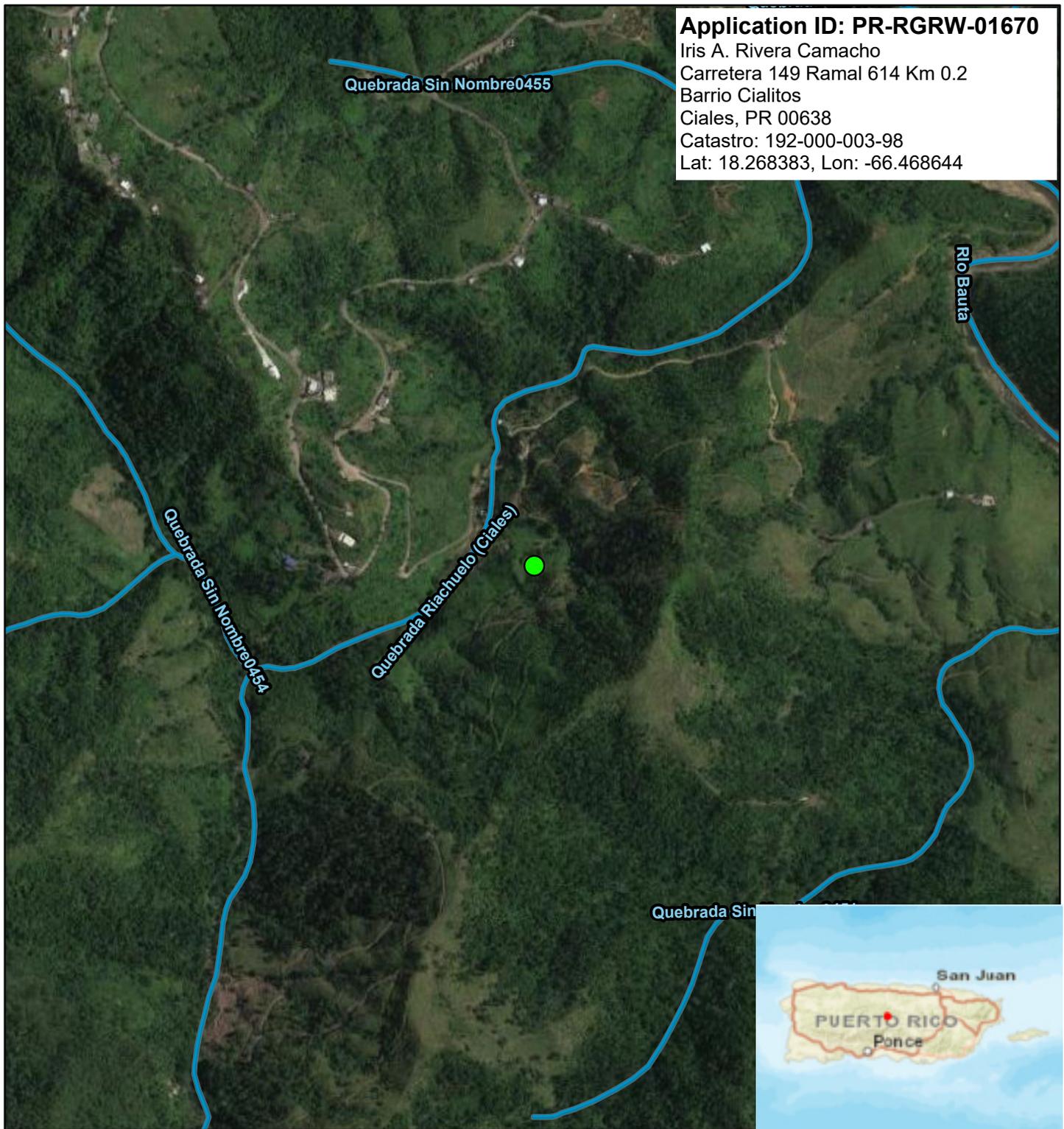
6/14/2023, 8:20:27 AM

- ▲ Cultural_Resources - Scenic Places
- ◻ Cultural_Resources - Cultural Value Places
- Cultural_Resources - Archeological Resources
- PR-RGRW-01670



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>

Figure 11 PR-RGRW-01670 Wetlands

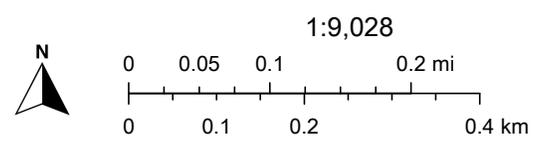


Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644

6/12/2023, 8:41:54 AM

WETLANDS - National Wetlands Inventory

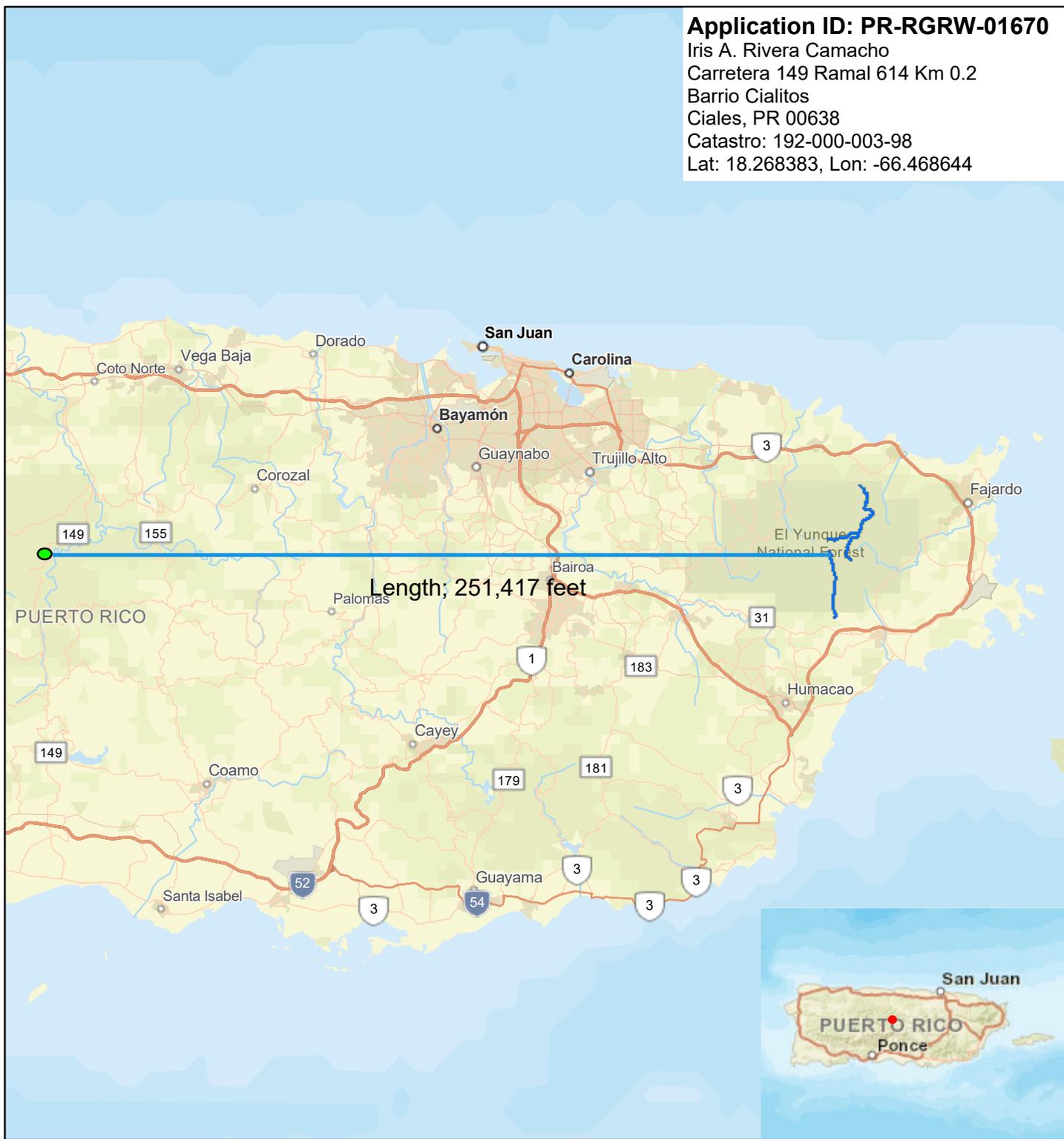
- Riverine
- Hidrografia - Oficina Plan de Agua
- PR-RGRW-01670



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

PR-RGRW-01670 Wild and Scenic Rivers

Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644

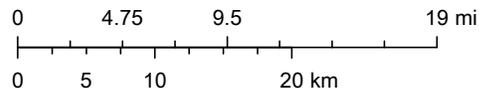


4/19/2023, 4:01:23 PM

1:577,791

— National Wild and Scenic River Line

● PR-RGRW-01670

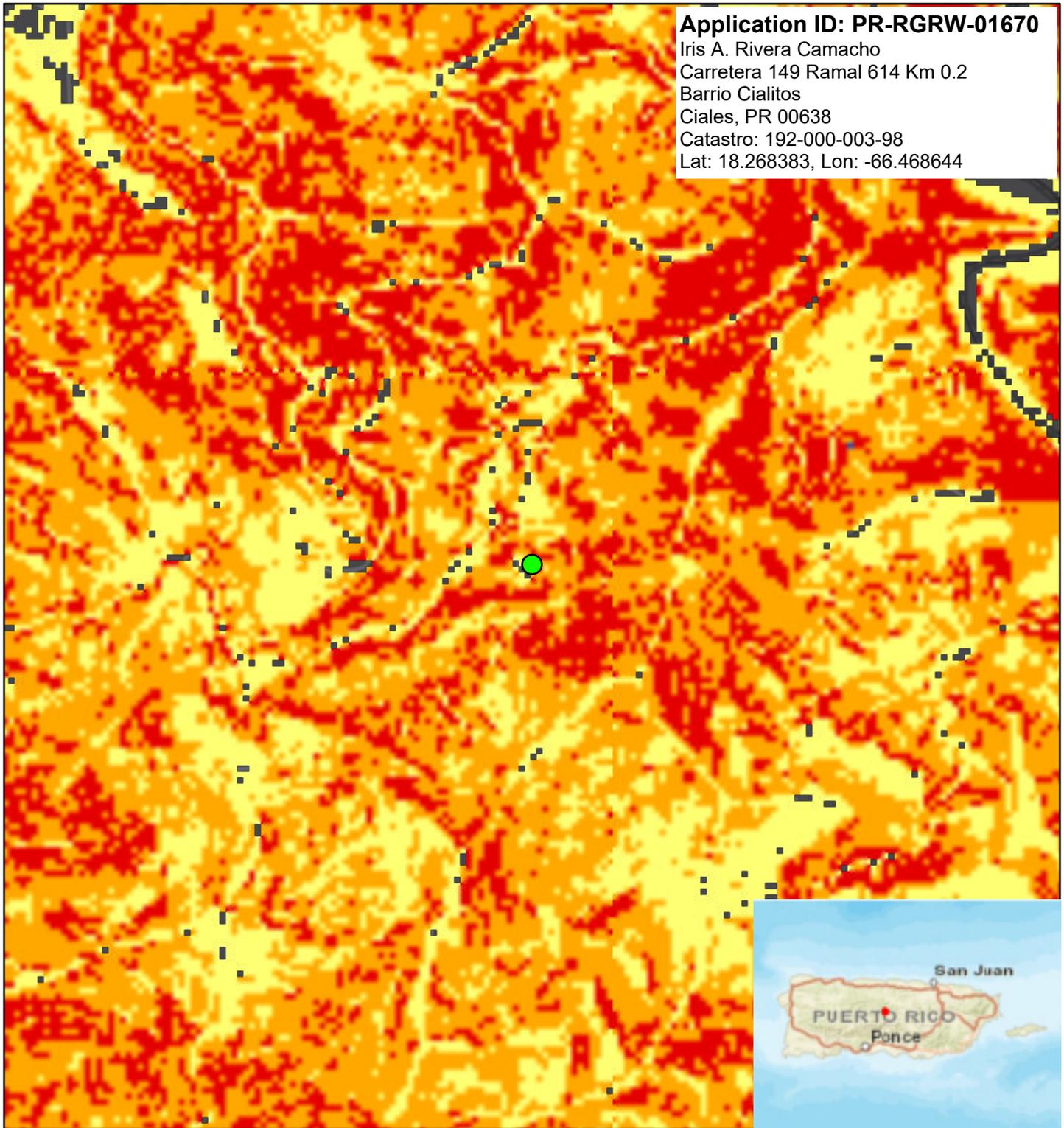


Source

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

PR-RGRW-01670 Landslide

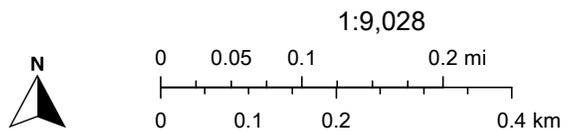
Cond. Iberia 1 Suite J-3, Calle Perseo 554, Altamira, San Juan, P.R. 00920 Tel. (787) 783-0290



Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644

14/6/2023, 8:24:01

- Landslide Susceptibility**
- Low
 - Moderate
 - High
 - Very High
 - Extremely High
- PR-RGRW-01670



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

June 1, 2023

Lauren Bair Poche

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

SHPO: 05-05-23-08 PUERTO RICO DISASTER RECOVERY, CDBG-DR RE-GROW
PR URBAN-RURAL AGRICULTURAL RE-GROW PROGRAM, PR-RGRW-01670,
IRIS A. RIVERA CAMACHO, PR-149 R614 KM 0.2 BO. CIALITOS, CIALES, PUERTO RICO

Dear Ms. Poche,

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

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

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

Sincerely,

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



May 5, 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-01670 – Iris A. Rivera Camacho – Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos, Ciales, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

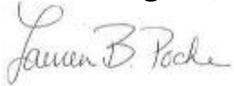
In accordance with Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR Part 800, HORNE is providing information for your review and requesting your concurrence regarding the above-referenced projects on behalf of the Puerto Rico Department of Housing (PRDOH) and the Home Repair, Reconstruction, or Relocation (R3) Program. On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (Housing) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents.

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, we are submitting documentation for activities proposed by Iris A. Rivera Camacho at Carretera 149 Ramal 614 Km in Bo. Cialitos in the municipality of Ciales. The proposed activities for PR-RGRW-0167 consist of the purchase of a 40 feet container (a 3 inch layer of stone will be placed to form a base for the container), a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2, x 6' x 2'), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighing balance, an UTV and a trailer. The 20 x 40 feet structure shade-structure for the cattle will have 4 support posts and a galvalume roof, which will require ground disturbance to anchor the support posts. The portable electric fence will be stabilized using metal spikes which will cause minimal ground disturbance during use.

Based on the submitted documentation, the Program requests a concurrence that a determination of No Historic Properties Affected is appropriate for this proposed project.

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

Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: Iris A. Rivera Camacho PR-RGRW-01670		
Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos		City: Ciales, PR

Project Location: Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos	
Project Coordinates: 18.268383 -66.468456, 18.268253 -66.468644	
TPID (Número de Catastro): 164-088-103-03-000	
Type of Undertaking: <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): n/a	Property Size (acres): 11.50

SOI-Qualified Archaeologist: Site Visit by: Jaqueline López Meléndez
Date Reviewed: March 24, 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 undertaking consists of the purchase of a 40 feet container (a 3 inch layer of stone will be placed to form a base for the container), a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2, x 6' x 2'), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighing balance, an UTV and a trailer. The 20 x 40 feet structure shade-structure for the cattle will have 4 support posts and a galvalume roof; which will require ground disturbance to anchor the support posts. The portable electric fence will be stabilized using metal spikes which will cause minimal ground disturbance during use. It will not be necessary to connect to electric or water utilities. The portable electrified fence will be powered by a solar pack. The proposed area for use of the portable fence is adjacent/near the proposed container and shade structure.

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 APE has been defined as the area potentially impacted by ground disturbing activities related to the installation of the container, and structure for corrals. The area of potential effects (APE) measures 514 square meters.

Identification of Historic Properties – Archaeology

A Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), conducted background research

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM RE-grow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Iris A. Rivera Camacho PR-RGRW-01670	
Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos	City: Ciales, PR

to identify archaeological surveys, previously recorded archaeological sites, and National Register districts within a 0.50 miles radius. Background research indicates no resources are present within the 0.50 miles study area. The closest identified cultural resource to the project area is the Pre-Columbian site known as Filiberti (SHPO:CI0100007) located 0.67 miles northeast of the project area.

Within the 0.50 miles radius there are no reported archaeological surveys.

The project area does not have cultural resources that are included in or eligible for the National Register of Historic Places (NRHP) or in a Traditional Urban Center or Historic District.

On March 11, 2023, we visually inspected the project area. The project area is located in an area with steep topography. There is a dirt road that leads to the project area. It is evident that stone is abundant in the area. There are stones of different sizes. The road and part of the area where the project will be developed has an exposed surface. The use of heavy machinery to make the plains where the project will be developed is evident. This change to the original topography of the site was made many years ago. The place where the container will be installed is at a higher level than where the corral will be placed.

Determination

Within the 0.50 miles radius there are no reported archaeological sites. The Pre-Columbian Filiberti site (SHPO: CI0100007) located 0.67 miles northeast is the closest archaeological site to the RGRW-01670 project. Within 0.50 miles there are no reported archaeological surveys. During the surface walkover we noted the steep topography of the site and previous impacts for the access road to the site and grading of some areas. The cuts in the road and existing plains yielded negative results to cultural resources.

Review of existing archaeological background information and the results of the surface walkover to the project area indicate that there are no historic properties or cultural resources within the 0.50-miles radius study area or within the project APE.

Review of existing background information found that the proposed project area is not within the boundaries or visual APE of an eligible / listed National Register of Historic Places (NRHP) nor to a Traditional Urban Center / Historic District. Visual inspection of the APE of the project and its surroundings found no evidence of cultural materials.

We have concluded that the undertaking will not affect any historic properties and that a determination of No Historic Properties Affected is appropriate for this project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: Iris A. Rivera Camacho PR-RGRW-01670		
Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos		City: Ciales, PR

Recommendation

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

- No Historic Properties Affected
- No Adverse Effect
 Condition (if applicable):
- Adverse Effect
 Proposed Resolution (if applicable)

This Section is to be Completed by SHPO Staff Only

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

Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Project (PR-RGRW-01670) Location – Area of Potential Effect Map (Aerial)

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Cond. Iberia 1 Suite J-3, Calle Perseo 854, Atraves, San Juan, PR, 00900 TEL:787/753-0290

Application ID: PR-RGRW-01670

Iris A. Rivera Camacho
Carretera 149 Ramal 614 Km 0.2

Barrio Cialitos

Ciales, PR 00638

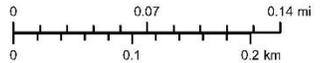
Catastro: 164-088-103-03-000

Lat: See List Below, Lon: See List Below

Area of Potential Effect
Puerto Rico Department of Housing ReGrow



- Legend**
- PR-RGRW-01670 Applicant Structure
 - Area of Potential Effect
 - PR-RGRW-01670 Parcel
 - CRIM Parcels



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Swisstopo, © OpenStreetMap contributors, and the GIS User Community and Google Earth



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



Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Project (PR-RGRW-01670) Location - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corol, Iberia 1 Suite 4-3, Calle Ponce 884, Atotona, San Juan, PR, 00920 Tel: (787) 753-5200

Application ID: PR-RGRW-01670

Iris A. Rivera Camacho
Carretera 149 Ramal 614 Km 0.2

Barrio Cialitos

Ciales, PR 00638

Catastro: 164-088-103-03-000

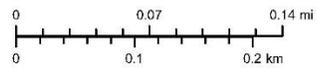
Lat: See List Below, Lon: See List Below

Location: Aerial Map
Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel
- CRIM Parcels



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Swisstopo, © OpenStreetMap contributors, and the GIS User Community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google Earth

Source

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

Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Project (PR-RGRW-01670) Location - USGS Topographic Map

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

Oficina: Iboeta 1, Suite J-3, Calle Ponce SPA, Adjuntas, San Juan, PR. 00900 787-7793-0200

Application ID: PR-RGRW-01670

Iris A. Rivera Camacho

Carretera 149 Ramal 614 Km 0.2

Barrio Cialitos

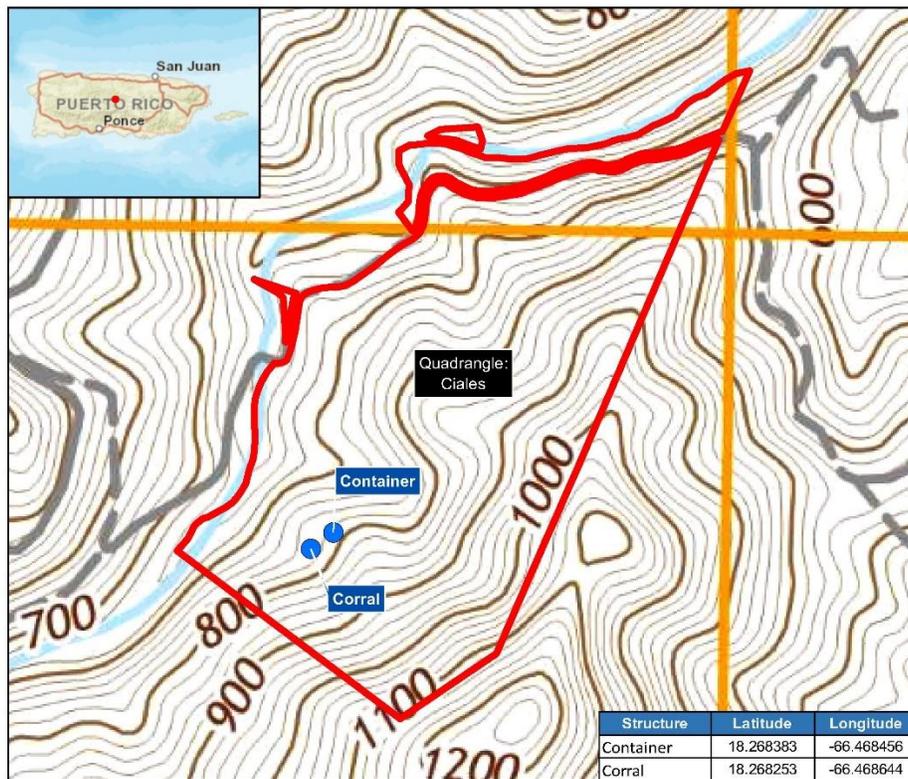
Ciales, PR 00638

Catastro: 164-088-103-03-000

Lat: See List Below, Lon: See List Below

Location: USGS Topographic Map

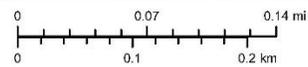
Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel

Contour Interval 20 Feet



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Source

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



Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Project (PR-RGRW-01670) Location – Soils Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Ciudad Isernia 1 Suite J-15, Calle Perseus 554, Antares, San Juan, PR. 00920 Tel: 787-7789-0200

Application ID: PR-RGRW-01670

Iris A. Rivera Camacho
Carretera 149 Ramal 614 Km 0.2
Barrio Cialitos
Ciales, PR 00638
Catastro: 164-088-103-03-000
Lat: See List Below, Lon: See List Below

Soils Map
Puerto Rico Department of Housing ReGrow

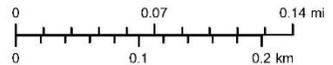


Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel
- Soil Map Unit Symbol

Soil Map Unit Symbol

- HmF - Humatas clay, 40 to 60 percent slopes
- MpF2 - Morado clay loam, 40 to 60 percent slopes
- MuF - Mucara clay, 40 to 60 percent slopes



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google Earth

Source

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



Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

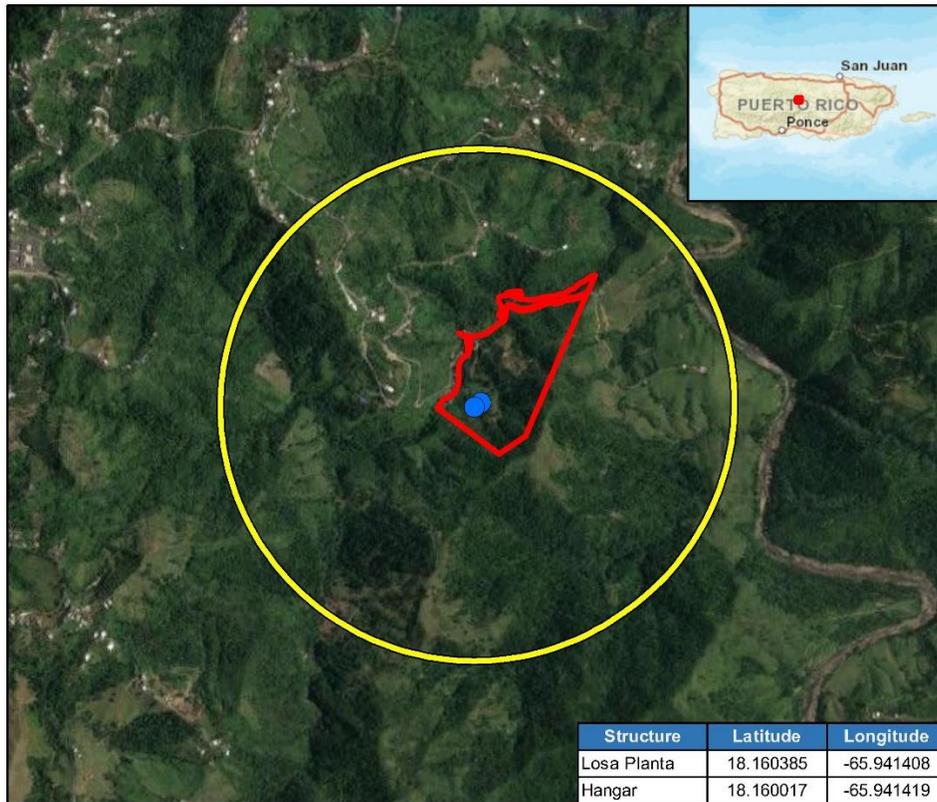
Project (PR-RGRW-01670) Location with Previous Investigations - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
 CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corra. Borda 1 Buite J-3, Calle Ponce SSA, Atarés, San Juan, PR, 00900 Tel: (787) 783-0290

Application ID: PR-RGRW-01670

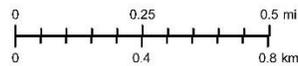
Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 164-088-103-03-000
 Lat: See List Below, Lon: See List Below

Previous Investigations: Aerial Map
 Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- 0.50 Mile (0.80 km) Buffer



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Swisstopo, Mapbox, OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google Earth

Source



Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Project (PR-RGRW-01670) Location with Previously Recorded Cultural Resources USGS Topographic Map



Previous Investigations: USGS Topographic Map

Puerto Rico Department of Housing ReGrow

Application ID: PR-RGRW-01670

Iris A. Rivera Camacho

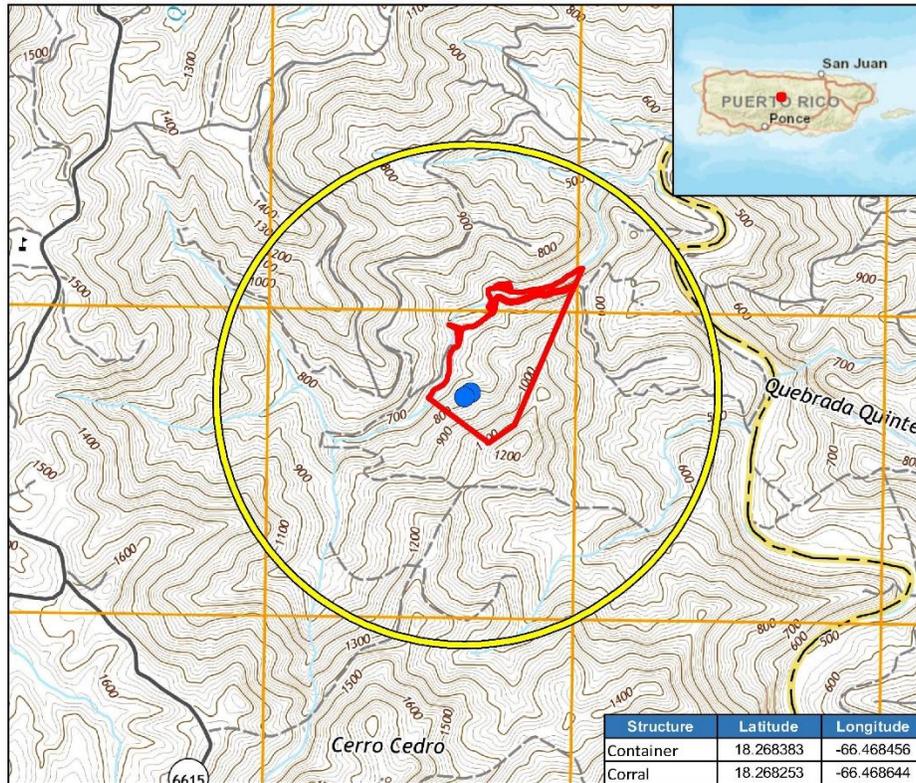
Carretera 149 Ramal 614 Km 0.2

Barrio Cialitos

Ciales, PR 00638

Catastro: 164-088-103-03-000

Lat: See List Below, Lon: See List Below

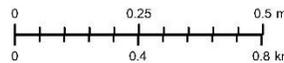


Structure	Latitude	Longitude
Container	18.268383	-66.468456
Corral	18.268253	-66.468644

Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel
- 0.50 Mile (0.80 km) Buffer

Contour Interval 20 Feet



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Mapbox, Swisstopo, Mapbox, and the GIS User Community



Source

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

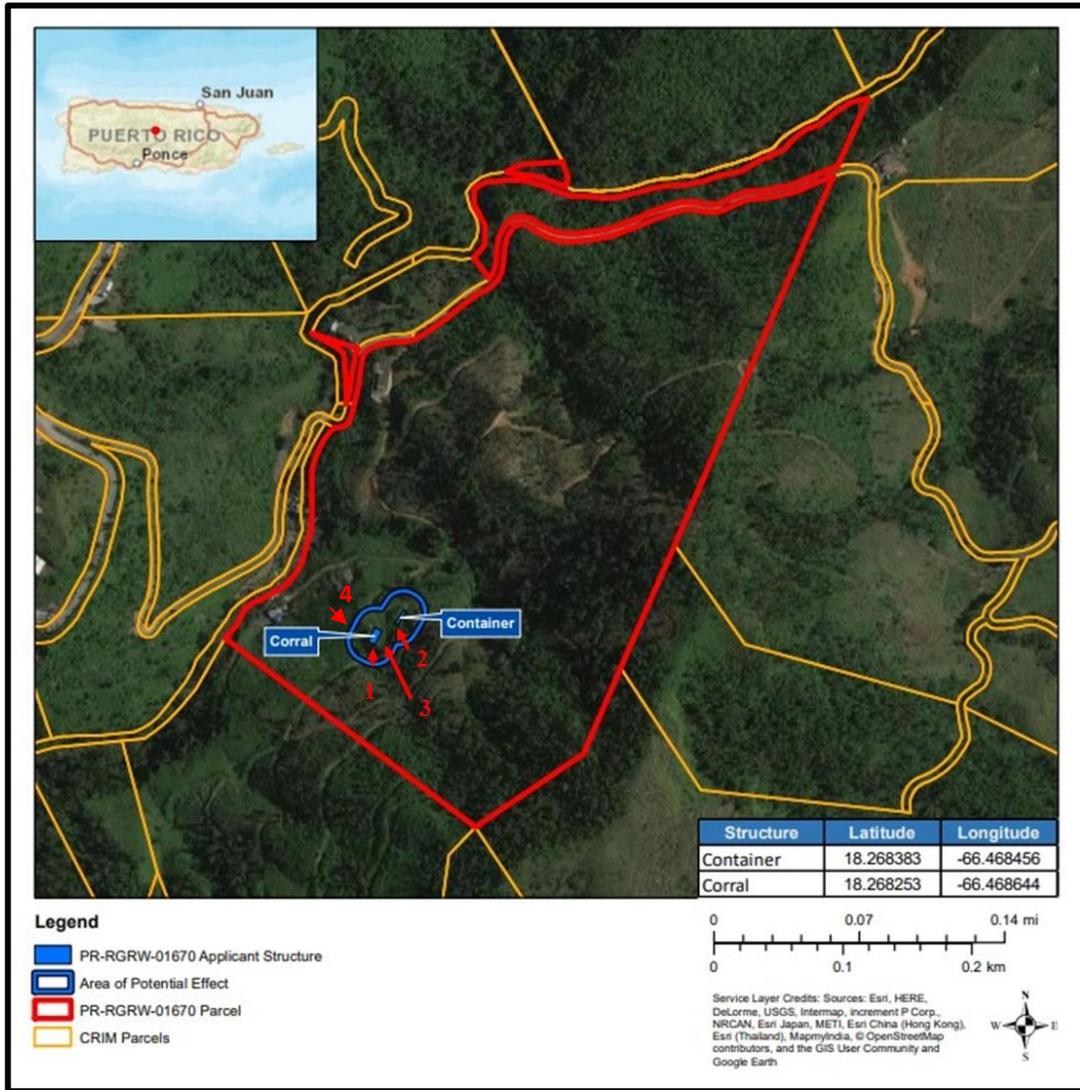
Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR

Photograph Key



Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR



Photo #: 1

Description (include direction): Area where the corral will be placed, looking northeast.

Date: March 11 2023



Photo #: 2

Description (include direction): Area where the container will be placed, looking northwest.

Date: Date: March 11, 2023

Subrecipient: Iris A. Rivera Camacho

PR-RGRW-01670

Project Location (Street Address): Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos

City: Ciales, PR



Photo #: 3

Description (include direction): Area where the corral will be placed, looking northwest. Photo taken from where the container will be placed.

Date: March 11, 2023



Photo #: 4

Description (include direction): Area where animals will be grazing, looking southeast.

Date: March 11 2023



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

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:

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



United States Department of the Interior

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



In Reply Refer to:
FWS/R4/CESFO/72039-Gen

Via Electronic Mail (jcperez@vivienda.pr.gov)

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

Re: CDBG-DR RGRW-01670,
Ciales, Puerto Rico

Dear Mr. Pérez-Bofill

Thank you for your letter dated August 16, 2023, requesting comments on the above referenced project. As per your request, our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The Puerto Rico Department of Housing (PRDOH) is proposing to install a forty feet (40 ft) container (18°16'06.2"N 66°28'06.4"W) and a corral (18°16'05.7"N 66°28'07.1"W) on PR-149 Ramal 614, Km. 0.2, Barrio Cialitos in the municipality of Ciales, Puerto Rico.

Using the Information for Planning and Consultation (IPaC) system the proponent has determined that the proposed project lies within the range of Puerto Rican boa (*Epicrates inornatus* now known as *Chilabothrus inornatus*), Puerto Rican parrot (*Amazona vittata*) and Puerto Rican broad-winged hawk (*Buteo platypterus brunnescens*).

Based on the nature of the project and that the existing area is currently used for agricultural purposes including sheep herding, the proponent has determined that the proposed project may affect, but is not likely to adversely affect the Puerto Rican parrot, Puerto Rican broad-winged hawk and Puerto Rican boa with the implementation of the conservation measures.

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

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

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

Sincerely yours,

Edwin E. Muñiz
Field Supervisor

drr



August 16, 2023

Mr. Edwin Muñiz
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-01670 located at Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos, Ciales, PR 00638

Dear Mr. Muñiz:

The Puerto Rico Department of Housing (PRDOH) 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-01670, located at coordinates container location: latitude 18.268383, longitude -66.468456, and corral location: latitude 18.268253, longitude -66.468644 on Carretera 149 Ramal 614 Km 0.2 Barrio Cialitos, Ciales, PR 00638, see Exhibit 1: Location Map and Exhibit 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 project consists of the purchase of a 40 feet container (a 3 inch layer of stone will be placed to form a base for the container), a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2'), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighing balance, an UTV and a trailer. The 20 x 40 feet structure shade-structure for the cattle will have 4 support posts and a galvalume roof;

which will require ground disturbance to anchor the support posts. The portable electric fence will be stabilized using metal spikes which will cause minimal ground disturbance during use. The water supply will be from an existing intake in the property. The portable electrified fence will be powered by a solar pack. The proposed area for use of the portable fence is adjacent/near the proposed container and shade structure.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the container, and structure for corrals, see Figure 3: Area of Potential Effect. The area of potential effects (APE) measures 514 square meters.

Existing Conditions and Trends:

The proposed project parcel 164-088-103-03-000 is designated as Not Prime Farmland, See Figure 4: PR-RGRW-01670 Farmland Protection Map. The project area is located in an area with steep topography. There is a dirt road that leads to the project area. It is evident that stone is abundant in the area. There are stones of different sizes. The road and part of the area where the project will be developed has an exposed surface. The use of heavy machinery to make the plains where the project will be developed is evident. This change to the original topography of the site was made many years ago.

The existing area for the proposed container and corrals placement is used for agricultural purposes including sheep herding. The place where the container will be installed is at a higher level than where the corral will be placed, refer to Photo 1 and Photo 2. Therefore, there is no change in land use associated with these container and corrals placements. In addition, the closer Final Critical Habitat is located at 28,088 feet from the project location, see Figure 5 PR-RGRW-01670 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
Puerto Rican broad-winged hawk (<i>Buteo platypterus brunnescens</i>)	Endangered
Puerto Rican parrot (<i>Amazona vittata</i>)	Endangered
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	Endangered
Critical Habitat	
There are no critical habitats within the project area.	

Based on the nature of the project, scope of work, information available, and a careful analysis of the IPaC, the Puerto Rico Boa conservation measures, and the observations during the field visit, we have made the following effects determinations:

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican broad-winged hawk (<i>Buteo platypterus brunnescens</i>)	May affect, but not likely to adversely effect	
Puerto Rican parrot (<i>Amazona vittata</i>)	May affect, but not likely to adversely effect	
Puerto Rican boa (<i>Chilabothrus inornatus</i>)	May affect, but not likely to adversely effect	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 NLAA 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 have any questions, please contact Juan C. Pérez-Bofill at (787)274-2527 or via e-mail at jcperez@vivienda.pr.gov.

Sincerely,



Juan Carlos Pérez Bofill, PE, MEng.
 Director for Disaster Recovery
 CDBG-DR/MIT Program

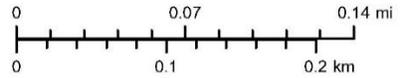
Exhibit A: Figures

Location: Aerial Map
 Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel
- CRIM Parcels



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google Earth



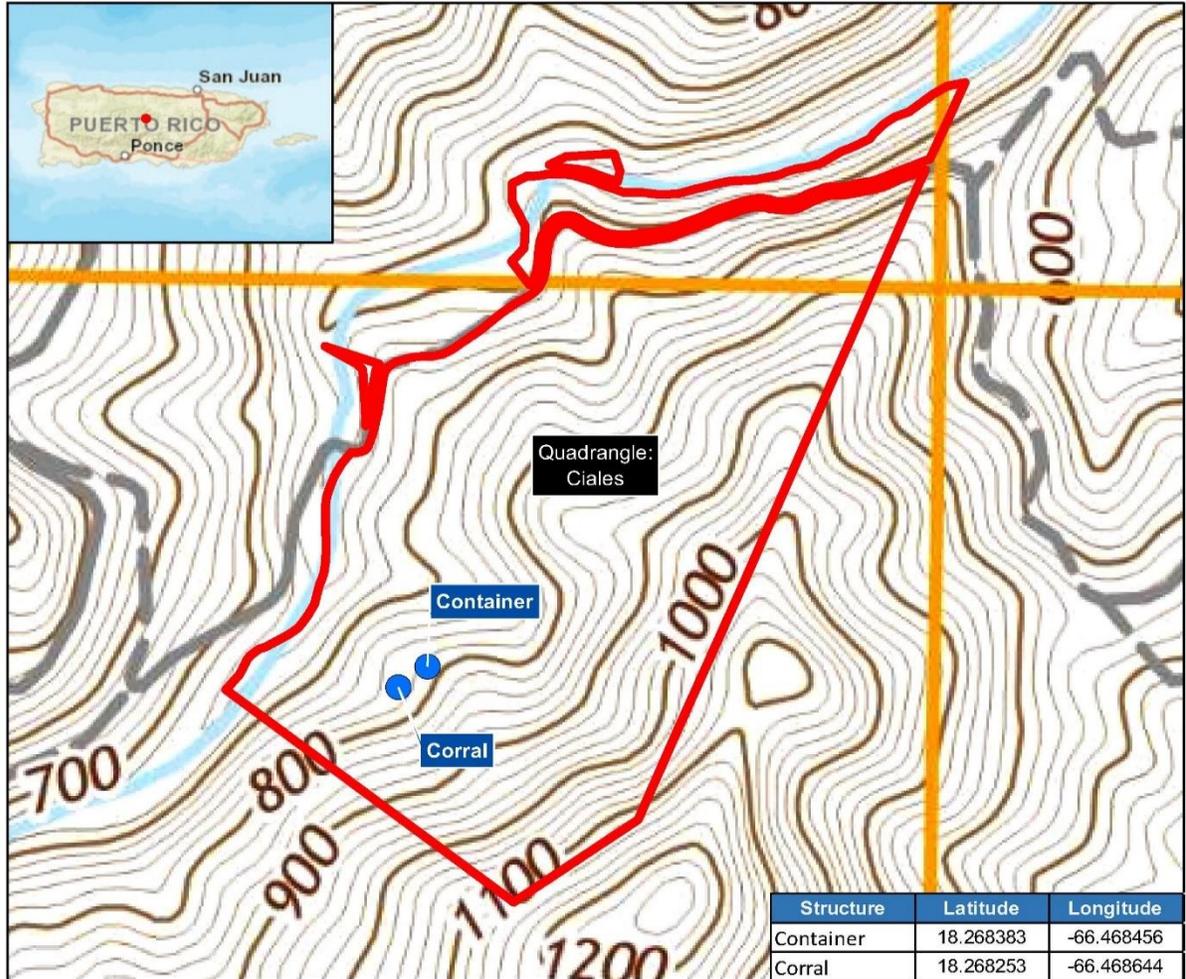
Source

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

Figure 1: PR-RGRW-01670 Location Map

Location: USGS Topographic Map

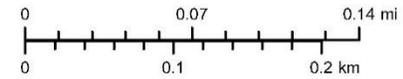
Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670
- PR-RGRW-01670 Parcel

Contour Interval 20 Feet



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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

Figure 2: PR-RGRW-01670 Topographic Map

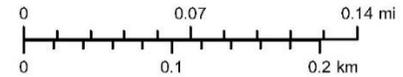
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01670 Applicant Structure
- Area of Potential Effect
- PR-RGRW-01670 Parcel
- CRIM Parcels



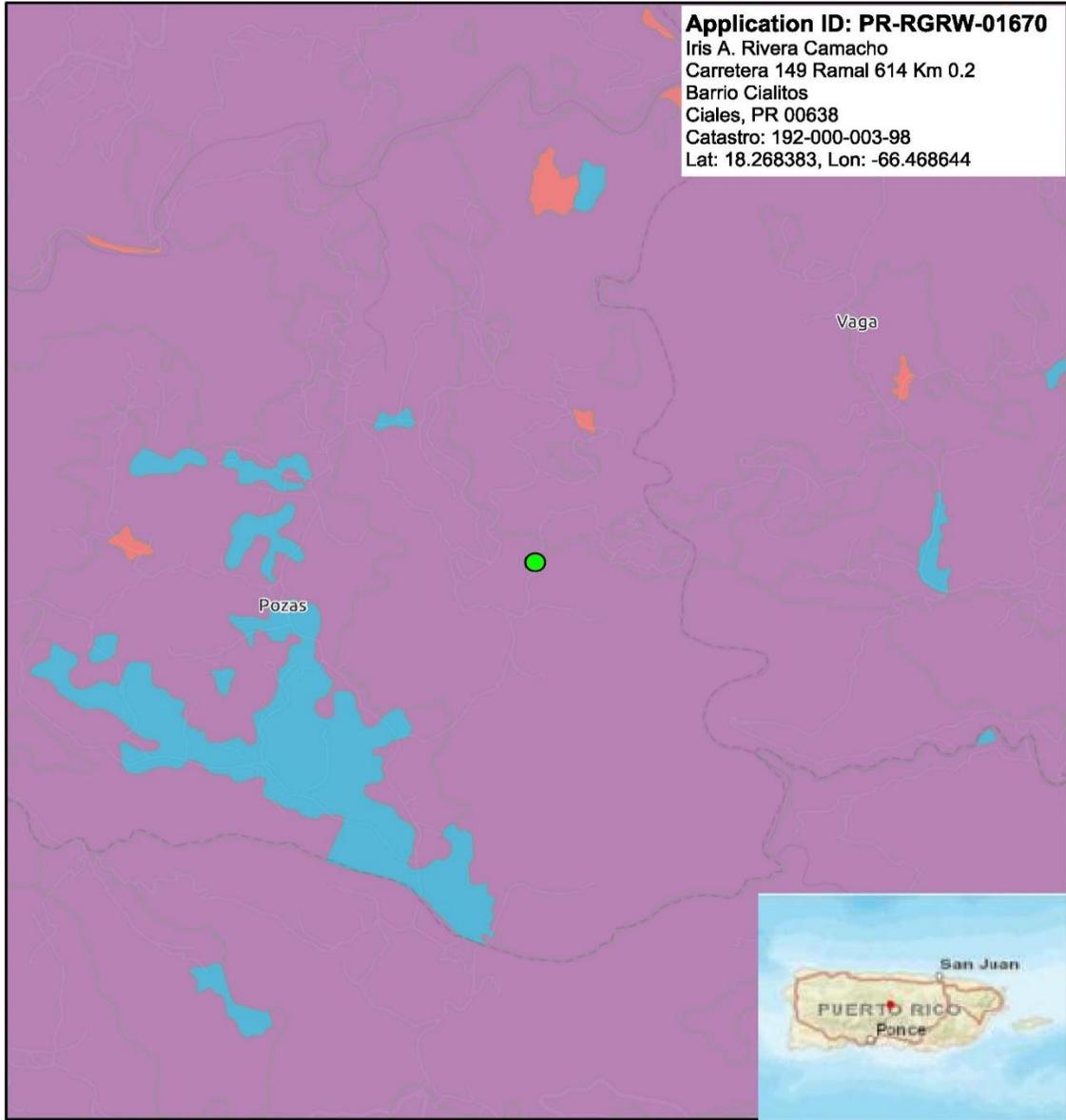
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community and Google Earth

Source

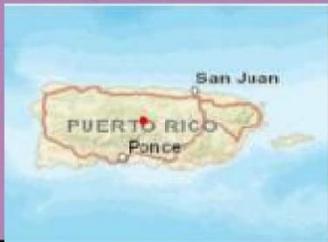
Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cdprpc/>

Figure 3: PR-RGRW-01670 Area of Potential Effect Map

PR-RGRW-01670 Farmland

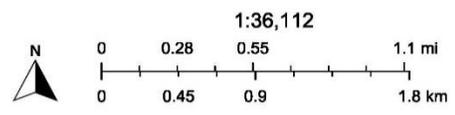


Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644



6/8/2023, 12:18:45 PM

- Farmland Protection**
- PR-RGRW-01670
 - All areas are prime farmland
 - Farmland of statewide importance
 - Not prime farmland

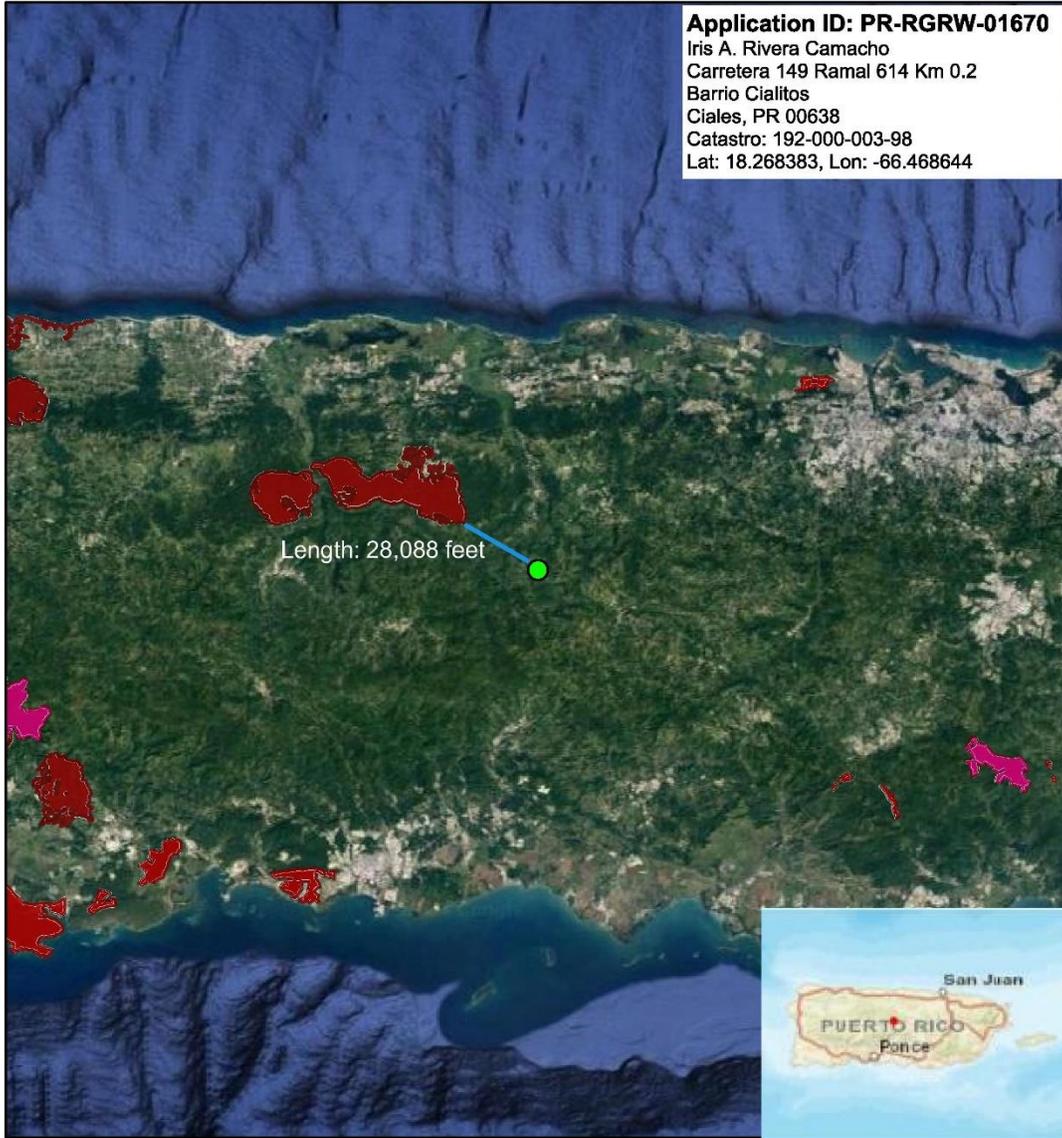


Source
 Natural Resources Conservation Service (NRCS)
 Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nal.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

Figure 4: PR-RGRW-01670 Farmland Protection Map

PR-PRGW-01670 Endangered Species

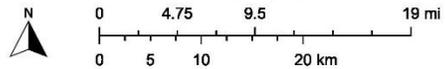
Application ID: PR-RGRW-01670
 Iris A. Rivera Camacho
 Carretera 149 Ramal 614 Km 0.2
 Barrio Cialitos
 Ciales, PR 00638
 Catastro: 192-000-003-98
 Lat: 18.268383, Lon: -66.468644



6/19/2023, 3:38:02 PM

Critical Habitat for Threatened & Endangered Species

- Final
- Proposed
- USFWS Critical Habitat - Final
- PR-RGRW-01670



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

Figure 5: PR-RGRW-01670 Critical Habitats Map

Exhibit B: Information for Planning and Consultation (IPaC)

Exhibit C: Field Visit Photos



Photo #: 1

Description (include direction): Area where the corral will be placed, looking northeast.

Date: March 11 2023



Photo #: 2

Description (include direction): Area where the container will be placed, looking northwest.

Date: Date: March 11, 2023



Photo #: 3

Date: March 11, 2023

Description (include direction): Area where the corral will be placed, looking northwest. Photo taken from where the container will be placed.



Photo #: 4

Date: March 11 2023

Description (include direction): Area where animals will be grazing, looking southeast.



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: 2023-0104918
Project Name: PR-RGRW-01670

July 14, 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/southeast/pdf/letter/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:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.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
 - 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: 2023-0104918

Project Name: PR-RGRW-01670

Project Type: New Constr - Above Ground

Project Description: The Proposed Project consists of the purchase of a 40 feet container (a 3 inch layer of stone will be placed to form a base for the container), a portable electrified fence (100' x 48"), a 20 x 40 feet shade-structure for cattle, 14 pounds of grass seed, 14 pounds of grass, 2 oval galvanized water tanks (2' x 6' x 2'), sheep (10 Katahdin female sheep and 1 male sheep), a 24" x 24" weighing balance, an UTV and a trailer. The 20 x 40 feet structure shade-structure for the cattle will have 4 support posts and a galvalume roof; which will require ground disturbance to anchor the support posts. The portable electric fence will be stabilized using metal spikes which will cause minimal ground disturbance during use. The water supply will be from an existing intake in the property. The portable electrified fence will be powered by a solar pack.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.26911475,-66.46788798157831,14z>



Counties: Ciales County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 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.

BIRDS

NAME	STATUS
Puerto Rican Broad-winged Hawk <i>Buteo platypterus brunnescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5512	Endangered
Puerto Rican Parrot <i>Amazona vittata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3067	Endangered

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/GIXG7WX5JJAZ5HBDSIUHAD6OCM/documents/generated/6941.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.

MIGRATORY BIRDS

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

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

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

MIGRATORY BIRDS FAQ

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

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

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

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

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

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list

of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

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

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

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

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

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

What are the levels of concern for migratory birds?

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

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

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

Details about birds that are potentially affected by offshore projects

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

[Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

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

What if I have eagles on my list?

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

Proper Interpretation and Use of Your Migratory Bird Report

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

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: Calle Perseo, Edificio Iberia 1
City: San Juan
State: PR
Zip: 00920
Email: patricia.carmenatty@byaea.com
Phone: 7874211799
