

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-03085

Project Name: Marcos A. González Torres

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Las Marías, PR

Preparer: Patricia Carmenatty

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

Consultant: Behar Ybarra & Associates LLC

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

Project Location:

Carr 120 Km. 31.6, Bo. Maravilla Sur, Las Marías, PR 00670

Cistern location: latitude 18.243009 longitude -66.990593

Parcel cadastral: 210-012-040-67-000

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

The proposed activities for PR-RGRW-03085 consist of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The Road cleaning (EA) is only clearing (grass removal) and preparation of the existing roads and no type of alteration to the ground is needed. The service involves cleaning and preparing roads and includes removing the vegetation cover made up of grass, herbs, bushes or stones on the ground on approximately 5.83 acres of land. The process in which the work will be carried out will depend on how the terrain is at the time of cleaning the roads. The water cistern will be placed on bare soil

on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The cistern will operate with a jet pump, powered by the generator, and will have its pipes placed above ground. The project area is located at PR-120 Km 31.6, Bo. Maravilla Sur within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the cistern. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the location of the cistern plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

A site Map is included in Figure 1, illustrating the location of the cistern, generator, and the roads to be cleaned on the property. Photos of the location are included in Section 106 documentation, Appendix 1. Site Inspection Report in Appendix 3.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]: The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project is associated with the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) is in keeping with the overall objectives of the Economic Development Program.

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

The existing area for which the proposed water cisterns has a flat topography. On the surface we observed grasses and bushes. The visibility is good despite the vegetation. The generator will go inside an existing warehouse. The roads that will be cleaned only have minimal grass. Therefore, there is little to no change in land use associated with these placements.

Funding Information

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

Estimated Total HUD Funded Amount: \$5,657.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$5,657.00.

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) will have no impact on any Airports. The site is located 55,010 feet from the nearest major civil airport (Eugenio Maria de Hostos airport in Mayagüez) and 350,514 feet from the nearest military airport (Luis Muñoz Marín International Airport in San Juan). This topic is in compliance with the HUD's Airport Hazard regulations without further evaluation. See the attached Airport map Runway Protection Zone, Figure 2.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not located in a CBRS Unit. The project is located 68,083 feet northeast of the nearest Coastal Barrier Resource System, PR-72. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the

Improvement Act of 1990 [16 USC 3501]		Coastal Barrier Resources Act. See the attached CBRS map, Figure 3.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located in a Zone X, Panel 72000C1030H, 4/19/2005 on the FEMA FIRM. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Map, Figure 4 and 4.1.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) 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.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located 54,752 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.
Contamination and Toxic Substances 24 CFR Part 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural project. On-site or nearby toxic, hazardous, or radioactive substances

		<p>that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. There are three sites of environmental concern identified within 3,000 feet of the location of the proposed project.</p> <p>EPA Facility Interests RCRA (Hazardous Waste) 110012267180 PRPHA - Res Gardines Las Marias - 2,445 ft. Coordinates: 18.24842, -66.99414. Address: Las Rosas St Bo Maravilla Sur, Las Marias, PR 00670.</p> <p>EPA Facility Interest NPDES (Water Discharges) 110054107818 Las Marias - 2,591 ft. Coordinates: 18.24966, -66.98946. Address: Matias Bruckman Street, Las Marias, PR 00670.</p> <p>EPA Facility Interest NPDES (Water Discharges) 110041922140 Municipality of Las Marias - 2,981 ft. Coordinates: 18.251222, -66.990611. Address: P.O. BOX 366, Las Marias, PR 00670.</p> <p>Based on EPA Enforcement and Compliance History Online (EPA ECHO) no violations have been identified. See Appendix 3. The project is in compliance with contamination and toxic substances requirements. See attached Toxics Map, Figure 6.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project could involve any activity that has an adverse effect on protected species or critical habitats. After reviewing data from the United States Fish and Wildlife Service (USFWS) Information and Planning Consultation (IPaC) and the Puerto Rico Department of Natural and Environmental Resources (DNER) database, the PR boa (<i>Chilabothrus inornatus</i>), PR Broad-winged Hawk (<i>Buteo platypterus brunnescens</i>) and PR Parot (<i>Amazona</i></p>

vittata) could be found in the project area. The scope of work includes continued agricultural use of the property with no intention of cutting down where since it will only be the installation of a cistern. The cistern area is only covered with grass and the ground will be leveled a little for its capacity without cutting any of the plantain trees that are nearby. In the case of the Road Cleaning activities which includes removing the vegetation cover made up of grass, herbs, small bushes or stones on the ground on the existing roads on the farm, will expect to have no harm on the species that could be found on the property.

Based on the answers provided, a consistency letter was obtained for the Puerto Rican boa and Puerto Rican broad-winged hawk, which determined that the proposed actions for this project would have "No Effect" (NE) for these species. For the Puerto Rican parrot, PRDOH made a NE determination due to the lack of suitable habitat for this species within the project area

In a response from USFWS dated February 20, 2024, USFWS and PRDOH concurred with a finding of that the proposed project may affect, but is not likely to adversely affect (NLAA) the Puerto Rican harlequin butterfly. In addition, the closer Final Critical Habitat is located 21,293 feet from the project location.

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

		<p>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 USFWS Determination Letter and Consultation Package in Appendix 4. 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 of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and does not include development, construction or rehabilitation that will increase residential density. This project is in compliance with Explosive and Flammable hazards without further evaluation.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project does not include any activities that could potentially convert agricultural land to non-agricultural use. The areas under the project site are farmland of statewide importance. The scope of work includes the installation of a cistern, and this is a construction limited to on-farm structures needed for farm operations. The project is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map, Figure 8.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in Zone X, Panel 72000C1030H, 4/19/2005 (Figure 4). The site is not located in a Preliminary Firm or an Advisory Base Flood Elevation special flood hazard area. PFIRMs in Puerto Rico were only developed for certain sections of the municipalities of Carolina, Canovanas, Loiza, San Juan and Trujillo Alto. The proposed project is located in</p>

		<p>the municipality of Las Marias; therefore, PFIRM information was not available for the area and therefore not considered in the review. 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 October 10, 2023, by SOI-qualified archaeologist. Based on the nature and scope of the undertaking, the APE has been defined as the area potentially affected by ground-disturbing activities related to installation of the cistern. Documentation with photographs and maps was subsequently submitted to SHPO (attached Appendix 1). In a response from PR SHPO dated November 13, 2023, SHPO concurred with a finding of No Historic Properties Affected within the project's Area of Potential Effects (see attached Appendix 1). The property is not considered historic or contributing to an historic district (See attached Historic map, Figure 10). Therefore, this activity is in compliance with Historic Preservation.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site. The project does not include new construction for residential use or rehabilitation of an existing residential property. The site is rural in nature and there will be no impact to or from the surrounding area from a noise perspective. This topic is in compliance with Noise abatement and Control without further evaluation.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended,</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The project is in compliance with Sole Source aquifers without further</p>

particularly section 1424(e); 40 CFR Part 149		evaluation. See the attached EPA Sole Source Aquifers map, Figure 11.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no wetlands on or within the project activity area. Therefore, no wetland will be affected by the project undertaking. The project is in compliance with Executive Order 11990. See the attached Wetlands map, Figure 12.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not within proximity of the NWSRS river. The project is located 416,452 feet from the nearest Wild and Scenic River. The project is in compliance with the Wild and Scenic Rivers Act. See Map, Figure 13.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Based on the scope of work for this project, there will be no additional impact on low-income or minority residents. This proposed activity will not have a negative impact on Environmental Justice. Therefore, the proposed activity complies with this section.

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

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

(1) Minor beneficial impact

(2) No impact anticipated

(3) Minor Adverse Impact – May require mitigation

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and is a continued agricultural use of property which is compatible with a zoning code of N-C (No Rated) and existing land use of SU (Urban Soil). There is no urban design associated with this rural, agricultural site.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The soil is currently being used for agriculture purposes. There is no change in land use since the land will continue to be used to agriculture purposes. In the project area the soil has been classified as Humatas clay, 20 to 40 percent slopes (HmE). This soil is on side slopes and narrow ridgetops of the volcanic uplands. This soil is somewhat difficult to work. Slope, runoff, past erosion and the hazard of further erosion are limitations. This soil is deep and well drained and is on uplands. They formed in fine textured residuum weathered from basic volcanic rock. The permeability and available water capacity of this Humatas soil are moderate. Runoff is rapid, and fertility is medium. The landslide data indicates moderate to high landslide susceptibility; therefore, no erosion is expected to occur from this project. The project will not affect the drainage in the area. There will be little to no additional runoff

		associated with the project. See Landslide Susceptibility Map, Figure 14.
Hazards and Nuisances including Site Safety and Noise	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). 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 consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) on an existing agricultural farm and will not require any expansion to existing power facilities. The cistern will operate with the jet pump, powered by the generator.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will result in short-term benefit to employment when contractors are hired for the construction of the new cistern. After construction, there may be a net positive benefit for the farm, a small business receiving this funding for economic development recovery purposes, which will aid in the continued operations of the intended use of the farm which products will be used by Puerto Rico population. The project is not anticipated to have a significant impact on Employment and Income Patterns, however, the project may help restore employment opportunities and income patterns.
Demographic Character	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will not alter the demographic

Changes, Displacement		characteristics of Las Marías, PR. The applicant is already located at this location and the project will provide opportunities for the continuous agricultural growth of the business.
Environmental Justice	2	<p>The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). In the project area within a one-mile radius:</p> <ul style="list-style-type: none"> • The people of color are 100% compared to PR average of 96% • 87 % of the people are low income compared to PR average of 70% • 2% of the people are unemployed compared to PR average of 15% <p>The proposed activities of the installation of the cistern and the cleaning road activities will have a positive impact on creating jobs for local people. Therefore, the proposed activity complies with this section. See EJSscreen Report in Appendix 3.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site and will have no impact on educational and cultural facilities.
Commercial Facilities	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and may aid in restoring the demand for local commercial services; however, not to the point of putting undue pressure on commercial facilities.

Health Care and Social Services	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site and will have no impact on Health Care and Social Services.
Solid Waste Disposal / Recycling	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and 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 project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The installation of the new cistern will not produce any wastewater. Based on the scope of work is not expected to result in significant changes in wastewater or sanitary sewer generation. The proposed project will have no impact on Wastewater / Sanitary Sewers.
Water Supply	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will not require an additional water supply. No new connections will be provided for potable water. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The proposed project will have no impact on the water supply.
Public Safety - Police, Fire and Emergency Medical	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site and will have no impact on Public Safety.
Parks, Open Space and Recreation	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will have no impact to Parks,

		Open Space and Recreation. The property being used is agricultural and it will continue as agricultural use.
Transportation and Accessibility	2	The project consists of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) 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 project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will be situated on previous agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) and will occur on land previously used for agricultural purposes and will continue in that capacity. There may be wildlife attracted to the new cisterns but no negative impact on wildlife.
Climate Change	2	<p>The Re-Grow Program proposed project aims to increase resiliency in the agricultural industry to prepare for future climate related disasters. The project consists of purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The project will not contribute to climate change and will provide a minor net benefit by allowing for increased food production.</p> <p>In terms of the project's susceptibility to climate change, the agricultural components may encounter challenges due to the potential impact of drought conditions.</p>

Additional Studies Performed: Not applicable.

Field Inspection (Date and completed by): October 10, 2023, Jaqueline Lopez, SOI-
Qualified Archaeologist

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

FAA, National Plan for Integrated Airport Systems:

www.faa.gov/airports/planning_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf

John H. Chafee Coastal Barrier Resources System, Puerto Rico map.

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

National Park Service, National Registry of Natural Landmarks.

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

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

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

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

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

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

Public Outreach [24 CFR 58.43]: The recovery process has seen significant proactive involvement from the local community. Puerto Rico Department of Agriculture has worked closely with the agricultural community. This project will include a FONSI/NOI-RROF in compliance with NEPA regulations for HUD.

Cumulative Impact Analysis [24 CFR 58.32]: In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site.

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

The Regrow Program purpose is to enhance and expand agricultural production related to economic revitalization and sustainable development activities while promoting and increasing food security island wide. The "Alternative" action would mean that the applicant would consider other locations for the cistern. However, other locations may result in tree clearing prior to construction and/or need to fill in some steep area. Any option that requires going off-site would not contribute to the improvement and growth of agricultural production or enable economic development for this applicant.

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

The 'No-Action' alternative would mean that the applicant would not receive federal funding to provide the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA) for an agricultural site which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

Summary of Findings and Conclusions: The proposed activity has been found to not have any adverse effects on the environmental nor is there the requirement for further consultation with any agency. There are no environmental review topics addressed that result in the need for formal compliance steps or the requirement for mitigation.

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

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

Law, Authority, or Factor	Mitigation Measure
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Soil suitability will be assessed prior to construction. Contractors will be required to use BMPs during construction if erosion impacts occur. DNER authorization may be required for any ground disturbance associated with the activities in the proposed project.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	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

	<p>established by the USFWS Puerto Rican Boa Conservation Measures Guideline.</p> <p>Conservation measures provided by the Service will be implemented prior to and during the project activities to avoid and minimize impacts to the Puerto Rican harlequin Butterfly and Puerto Rican parrot. For conservation measures guideline for Harlequin butterfly see USFWS Determination Letter in Appendix 4.</p>

Determination:

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

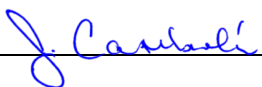
The project will not result in a significant impact on the quality of the human environment.

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: 02/29/2024

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

Certifying Officer Signature: _____  _____ Date: 3/14/2024

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

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

Figures

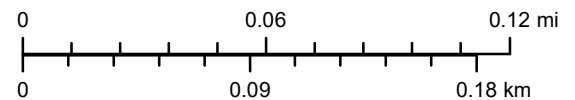
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- Cistern
- Power Generator
- Roads to Clean
- Parcel
- CRIM Parcels



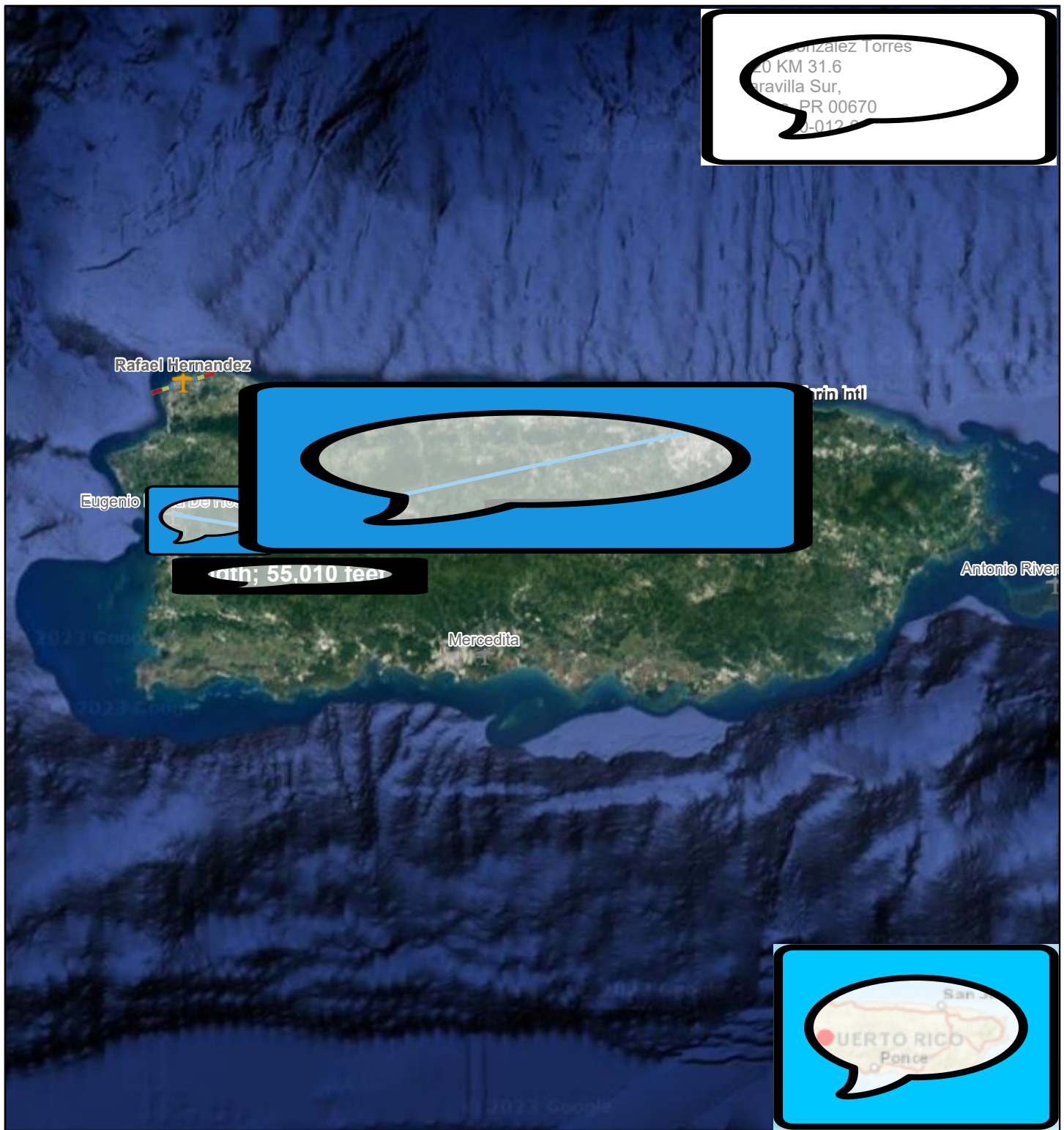
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google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



Source

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

PR-RGRW-03085 Airports



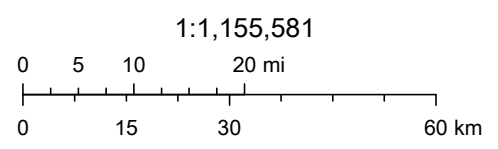
Hernandez Torres
20 KM 31.6
Cayavilla Sur,
PR 00670
787-012-6666

Altitude: 55,010 feet



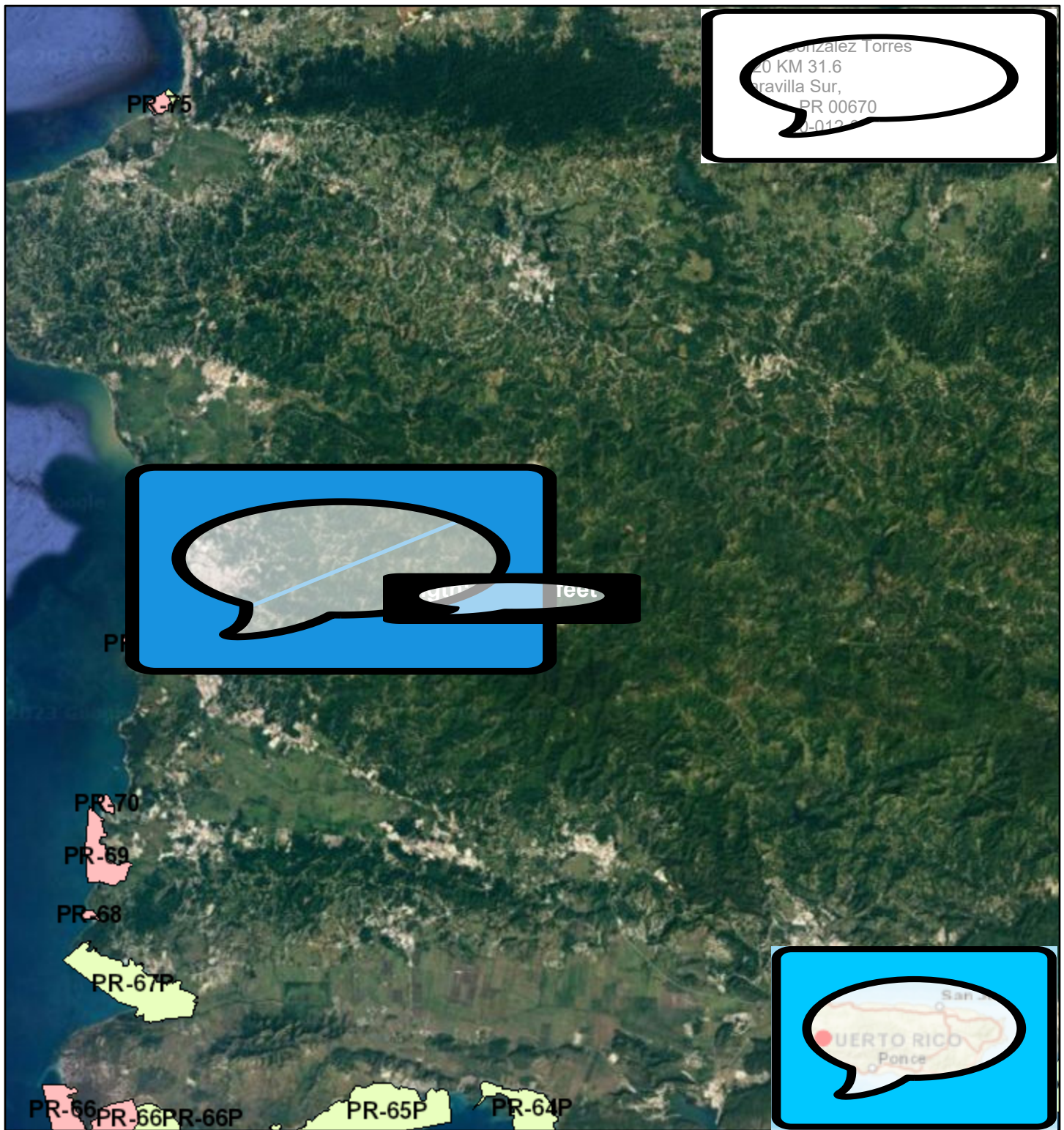
9/13/2023, 1:32:39 PM

- Accident Potential Zone
- Clear Zone
- APZ 1
- APZ 2
- ✈ USA Military Airports
- ✈ USA Civil Airports
-



Protection Zones
around Military Airports

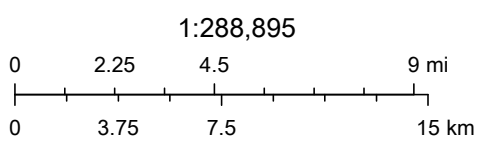
General Aviation Administration (FAA)
www.faa.gov



9/13/2023, 1:34:10 PM

CBRS Units

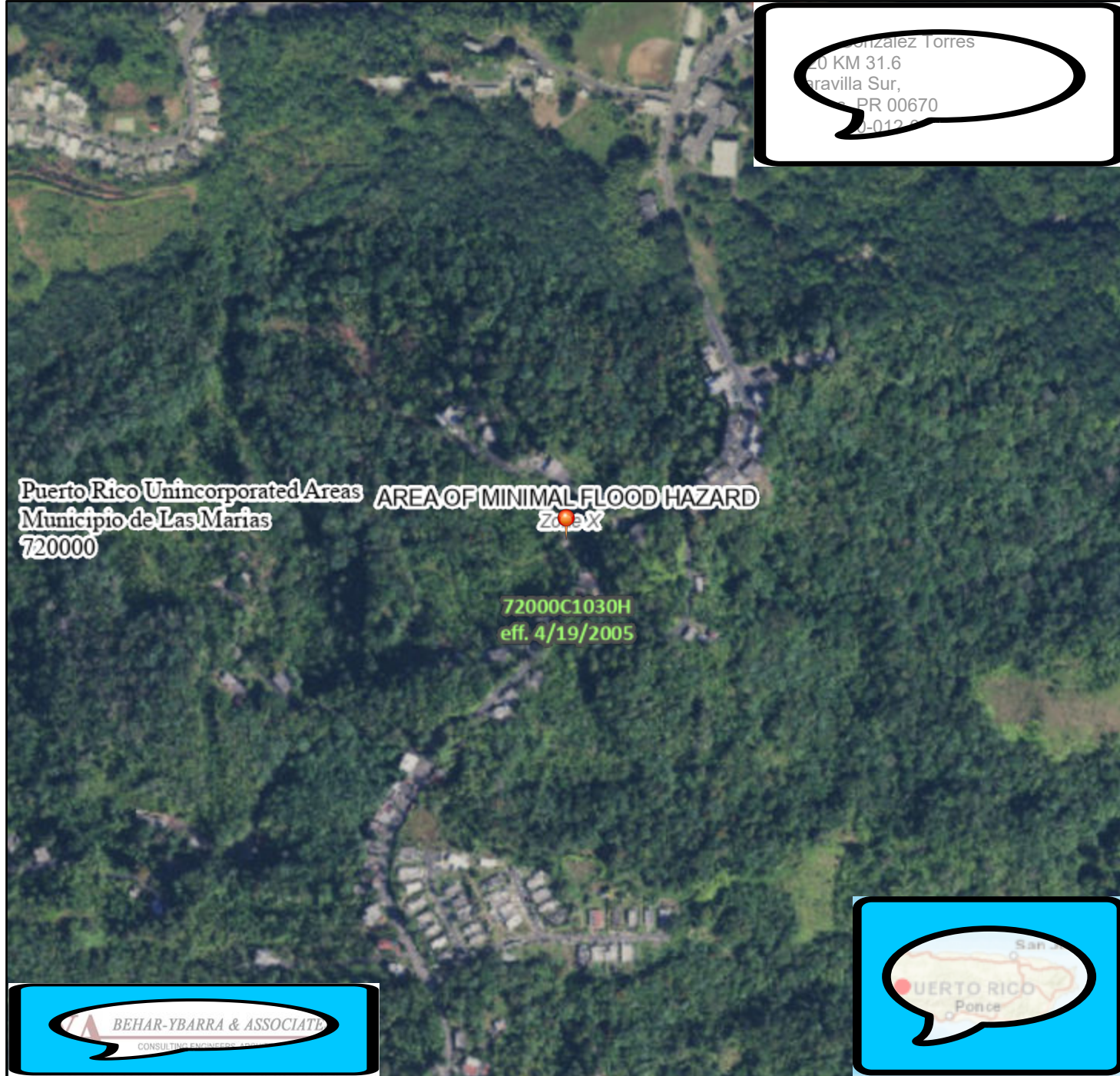
- Otherwise Protected Area
- System Unit



National Flood Hazard Layer FIRMette



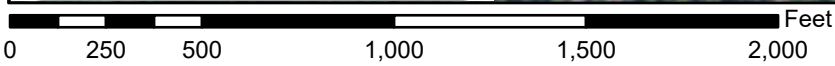
66°59'45"W 18°14'52"N



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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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



1:6,000

66°59'8"W 18°14'18"N

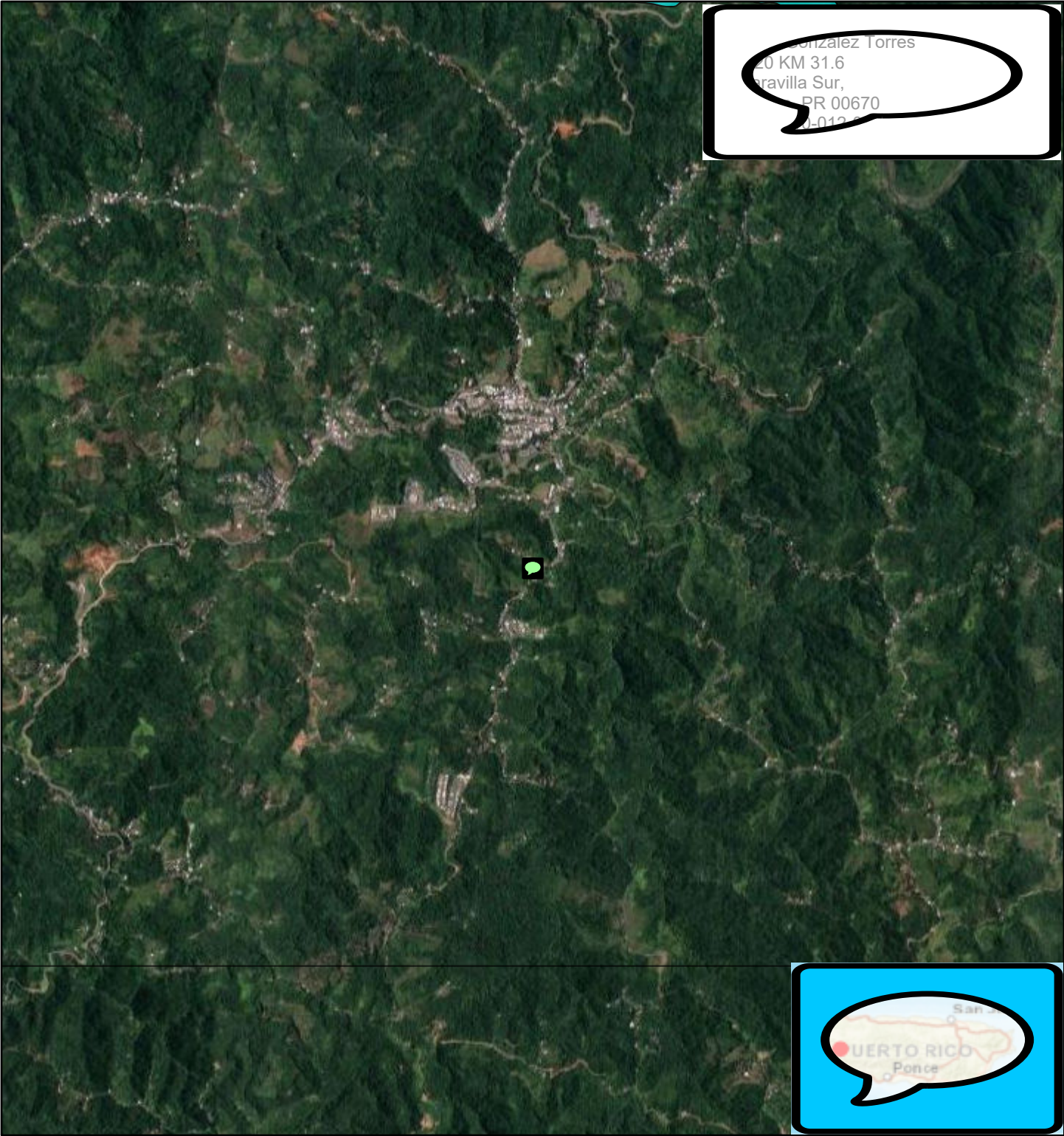
Basemap Imagery Source: USGS National Map 2023

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/13/2023 at 1:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.



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

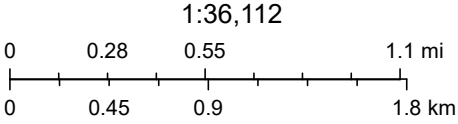
Hernandez Torres
20 KM 31.6
Carravilla Sur,
PR 00670
787-019-8888



11/15/2023, 12:15:48 PM

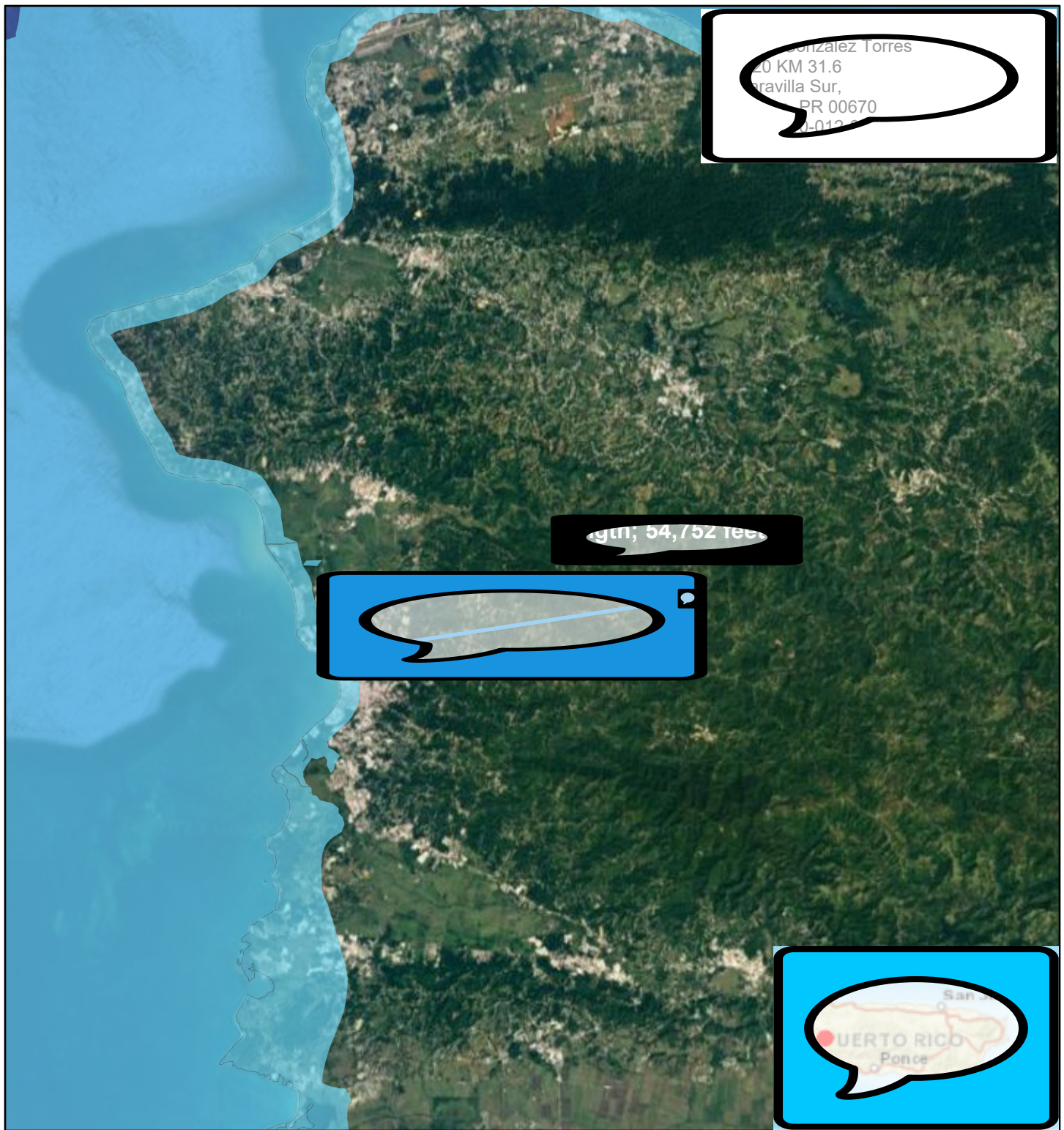
FEMA_FIRM - FEMA_FLOOD_HAZARD_AREAS

-  Special Flood Hazard Areas
-  Other Areas



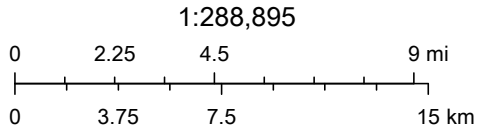
Hernandez Torres
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Cavilla Sur,
PR 00670
787-019-8888

gn; 54,752 feet



9/13/2023, 1:56:09 PM

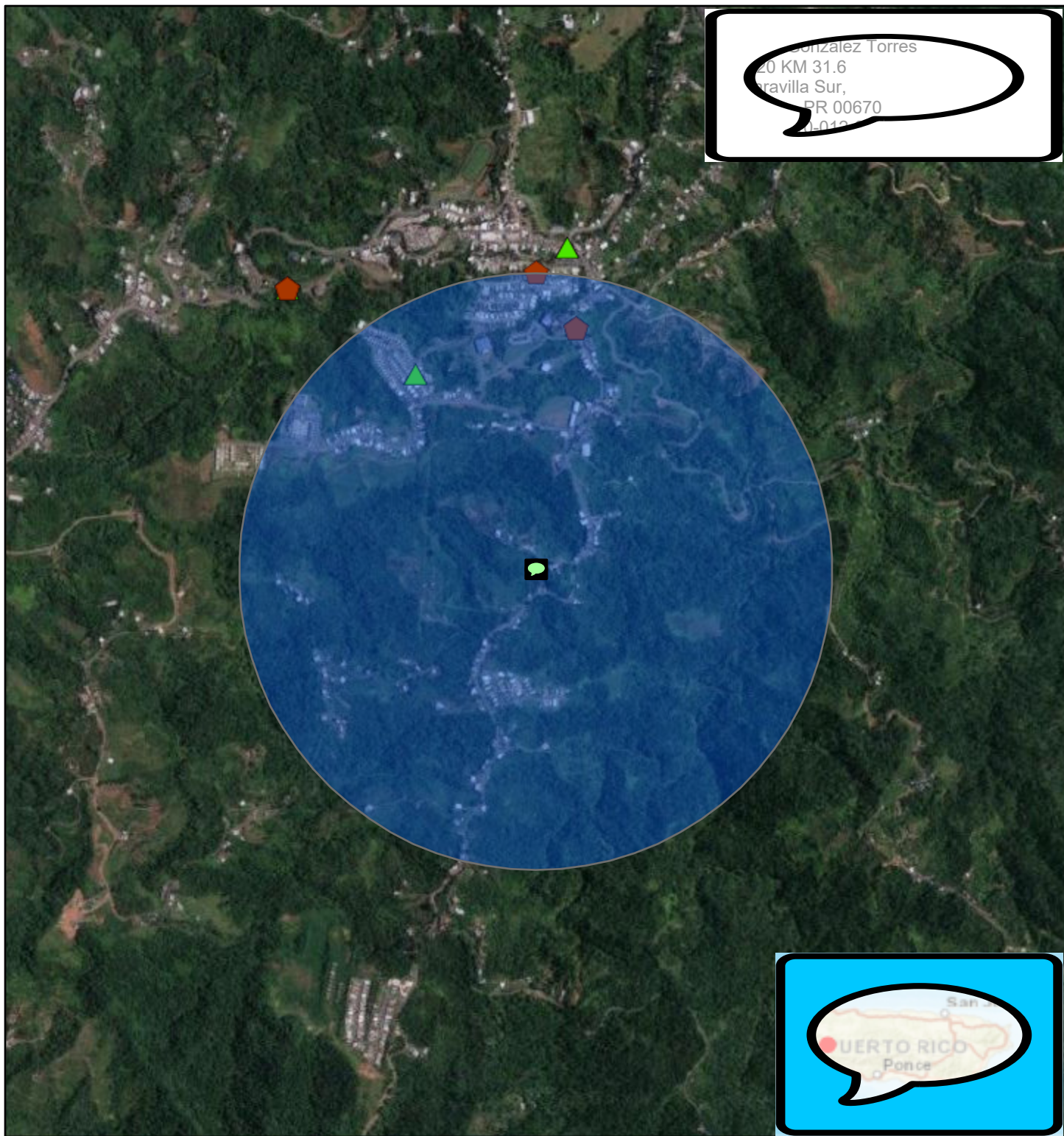
Coastal Zone Management



1:288,895

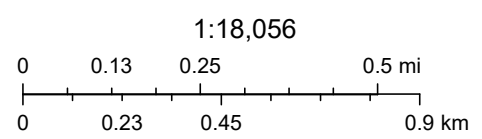
al Oceanic and Atmospheric Administration
Office for Coastal Management (NOAA/OCM)
series nea

Hernandez Torres
20 KM 31.6
Carravilla Sur,
PR 00670
019



11/16/2023, 1:09:33 PM

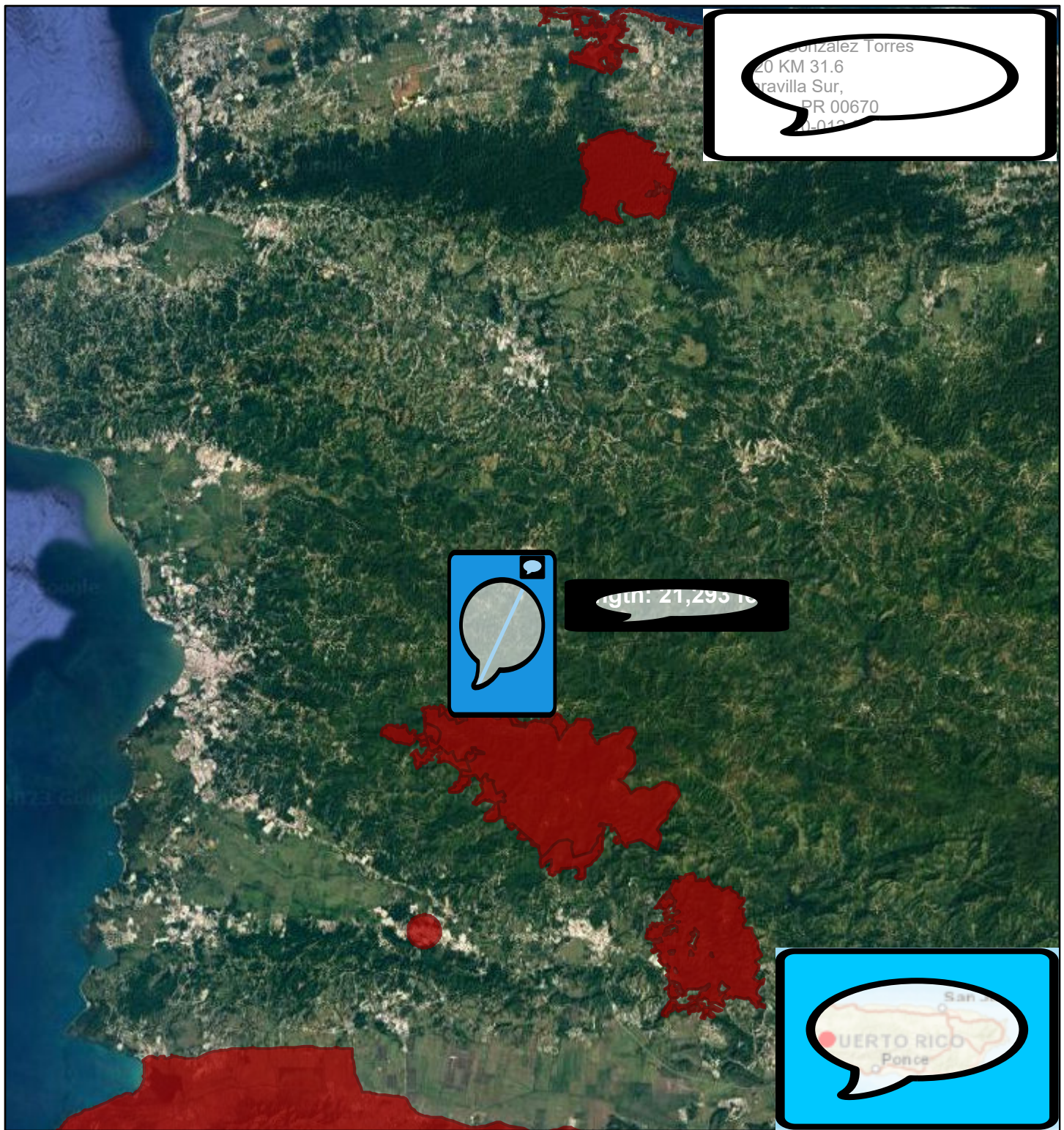
- Buffer_of_03085_3000ft - BufferedFeatures
- NPDES
- RCRA
- RCRA ACTIVE
- RCRA INACTIVE



1:18,056



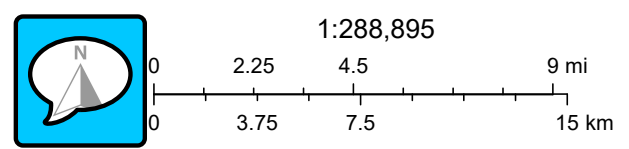
PR-RGRW-03085 Endangered Species



11/16/2023, 11:51:02 AM

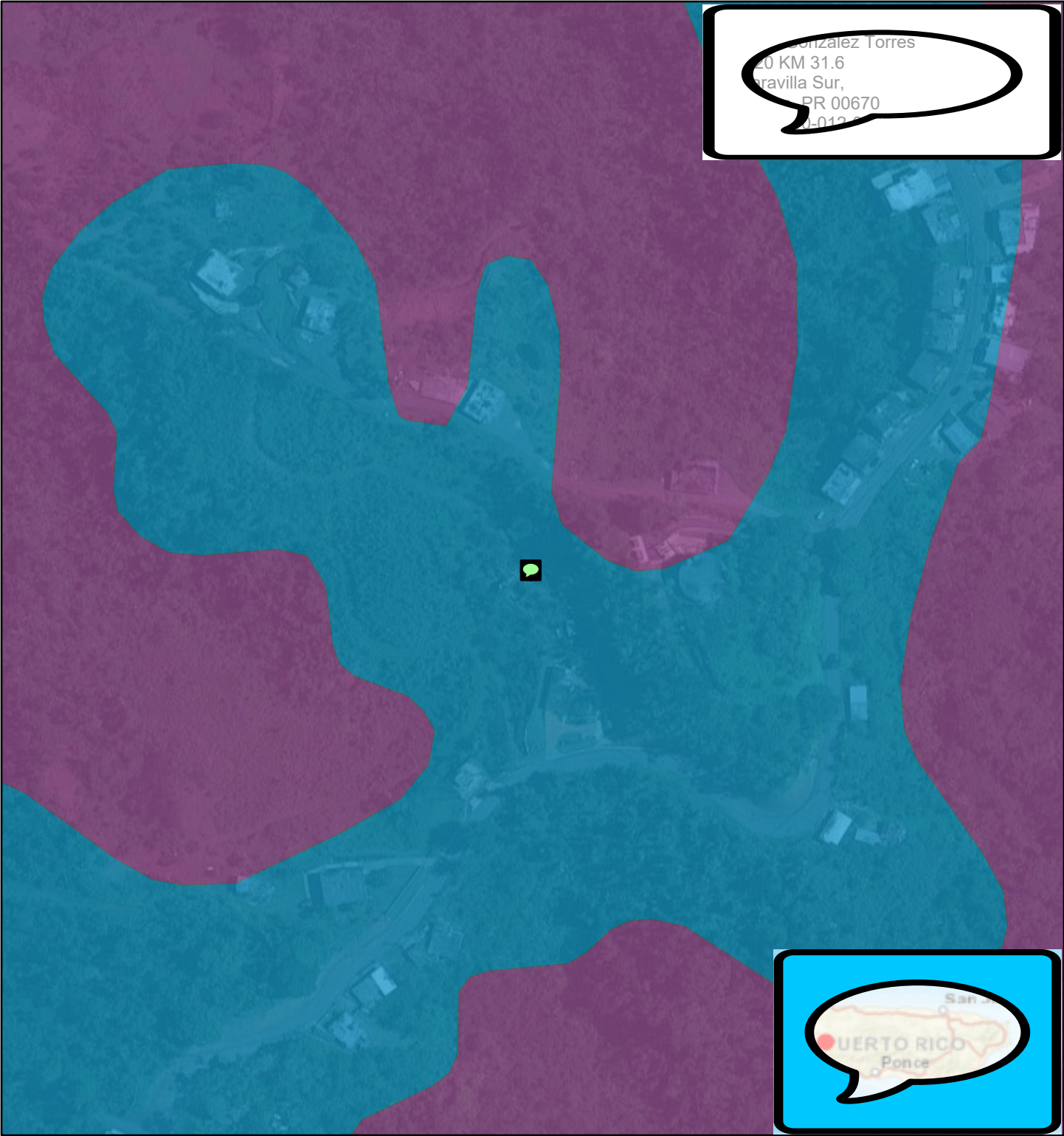
 USFWS Critical Habitat - Final





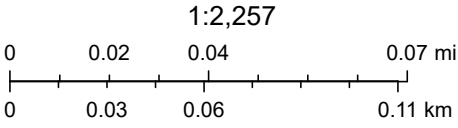
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Cayavilla Sur,
PR 00670
787-012-6666



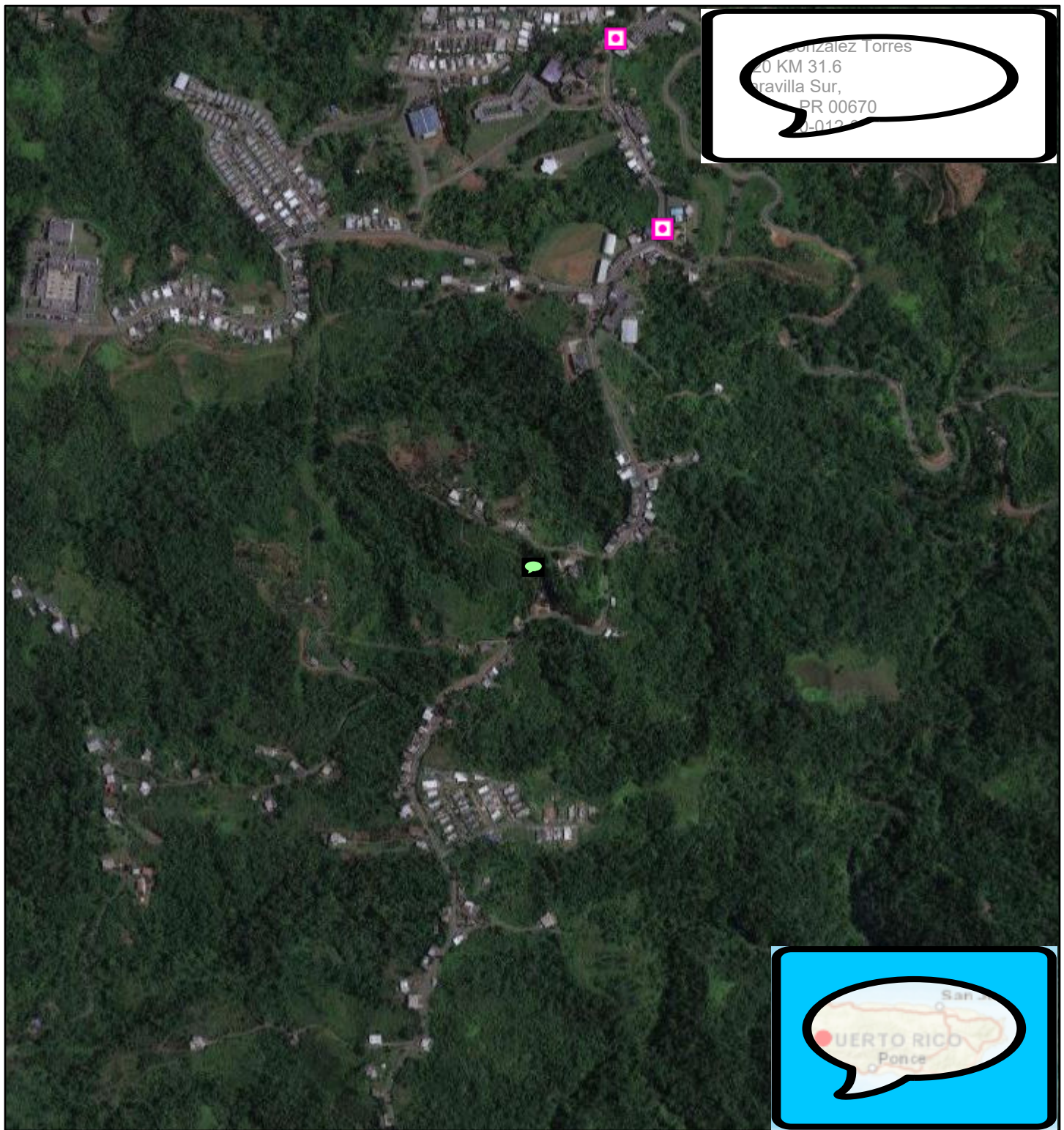
11/15/2023, 11:58:55 AM

Farmland Protection

- Farmland of statewide importance
- Not prime farmland




Resources Conservation Service (NRCS)
National Wetlands Inventory (NWI) Survey Geographic Database (gSSURGO)



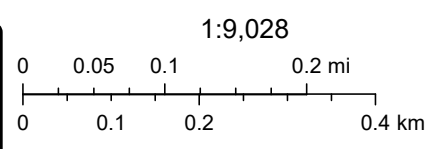
Hernandez Torres
20 KM 31.6
Cavilla Sur,
PR 00670
787-019-5555



11/15/2023, 12:03:52 PM

 Cultural_Resources - Cultural Value Places




National Park Service (NPS) - National Register of Historic Places
<https://www.nps.gov/subjects/nationalregister/index.htm>
Information Office (2025)

EPA Sole Source Aquifers



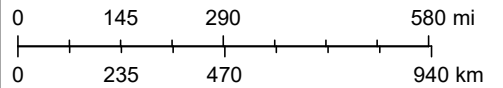
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 EPA_Sole_Source_Aquifers

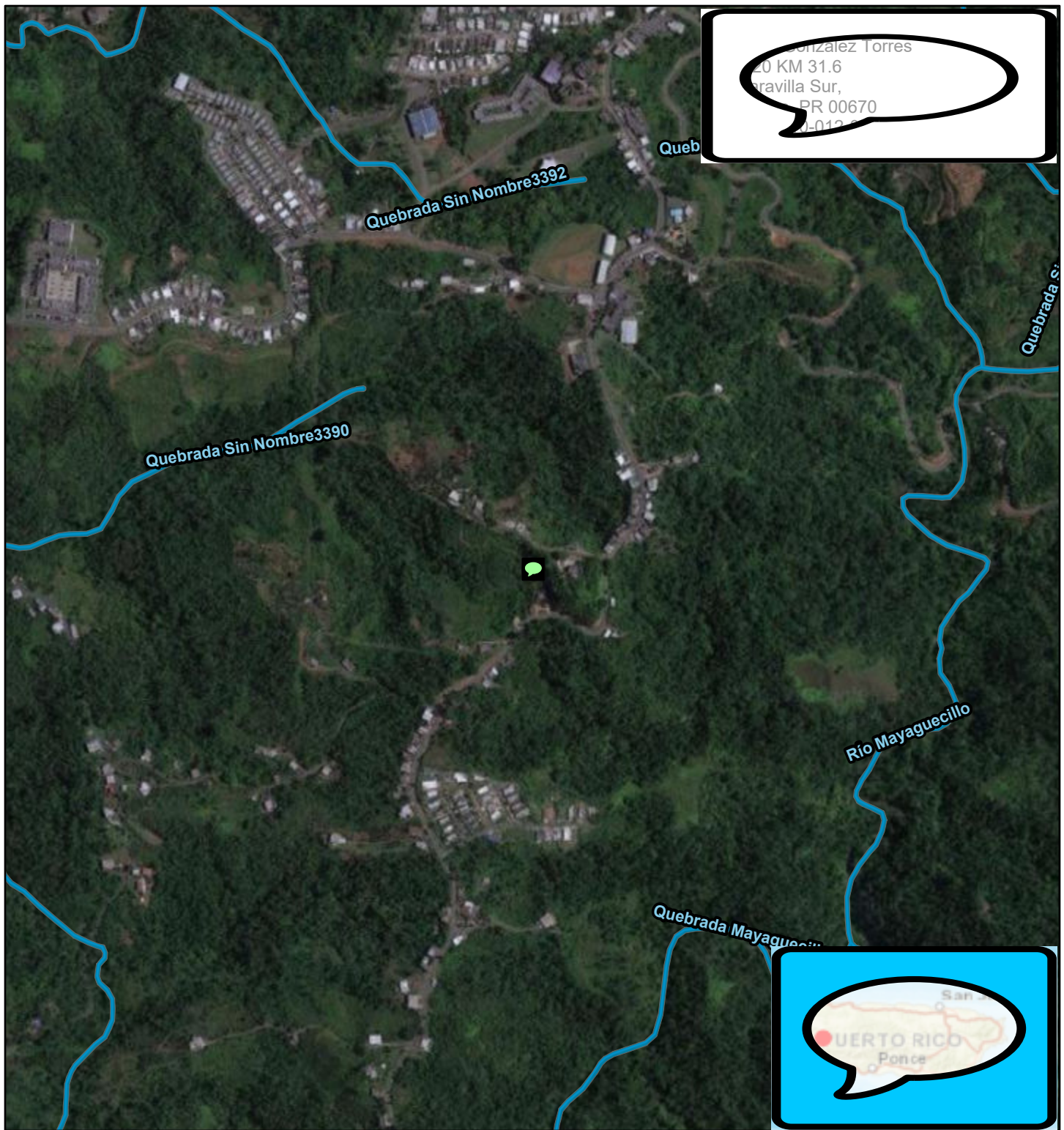
 



1:18,489,298



<https://www.esri.com/arcgis/apps/webappviewer/1?appid=9cbb047ba3ec41ada1877155f18888888>



Hernandez Torres
20 KM 31.6
Carravilla Sur,
PR 00670
(787) 019-8888



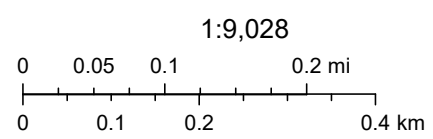
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WETLANDS - National Wetlands Inventory

Riverine

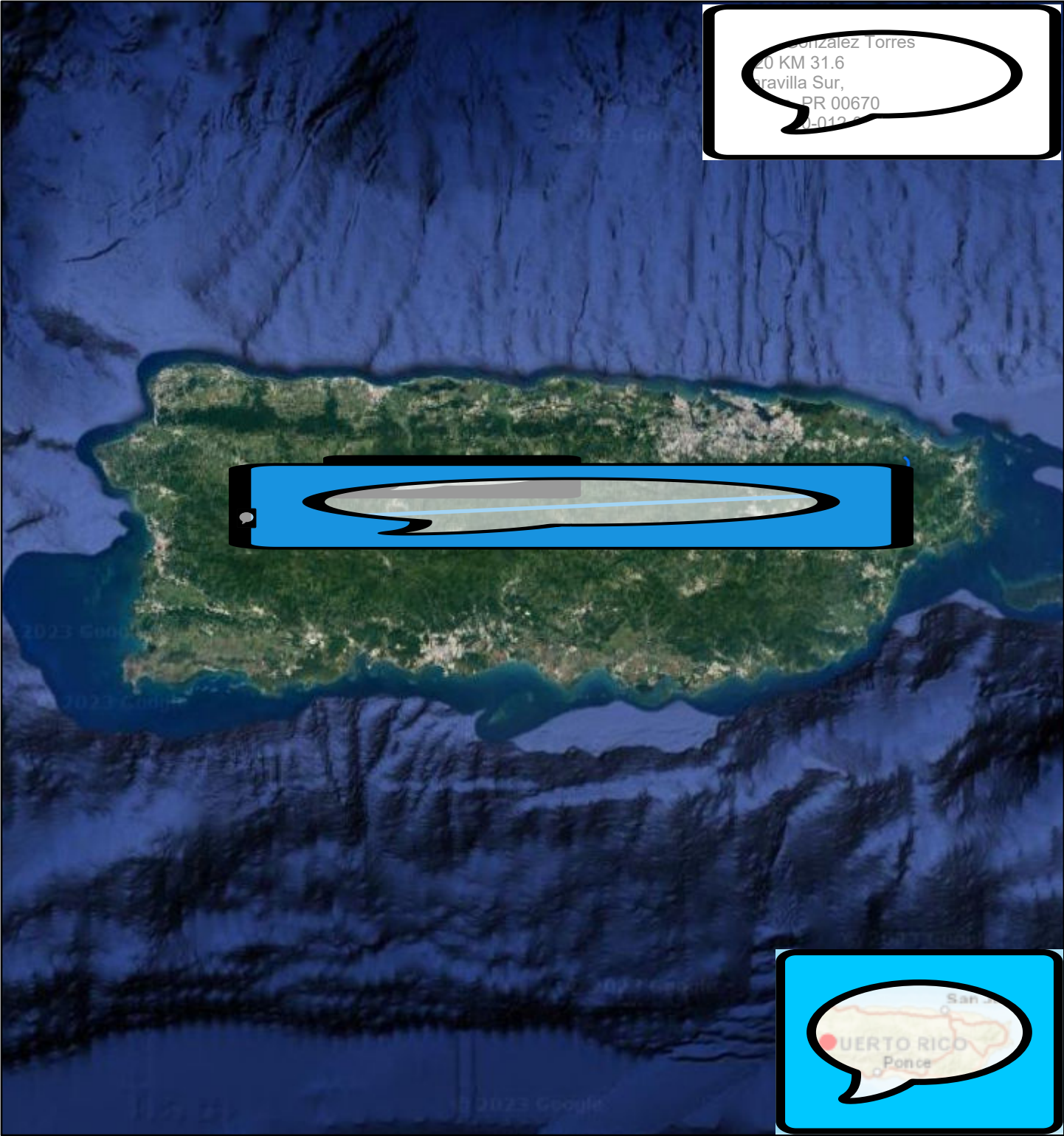
Hidrografia - Oficina Plan de Agua

RGRW-03085



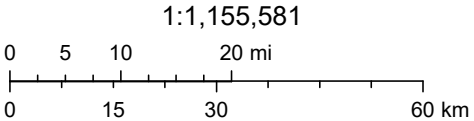
Fish and Wildlife Service (FWS):
National Wetlands Inventory
www.fws.gov/nwi

Hernandez Torres
20 KM 31.6
Carravilla Sur,
PR 00670
(787) 012-6666



11/15/2023, 12:07:53 PM

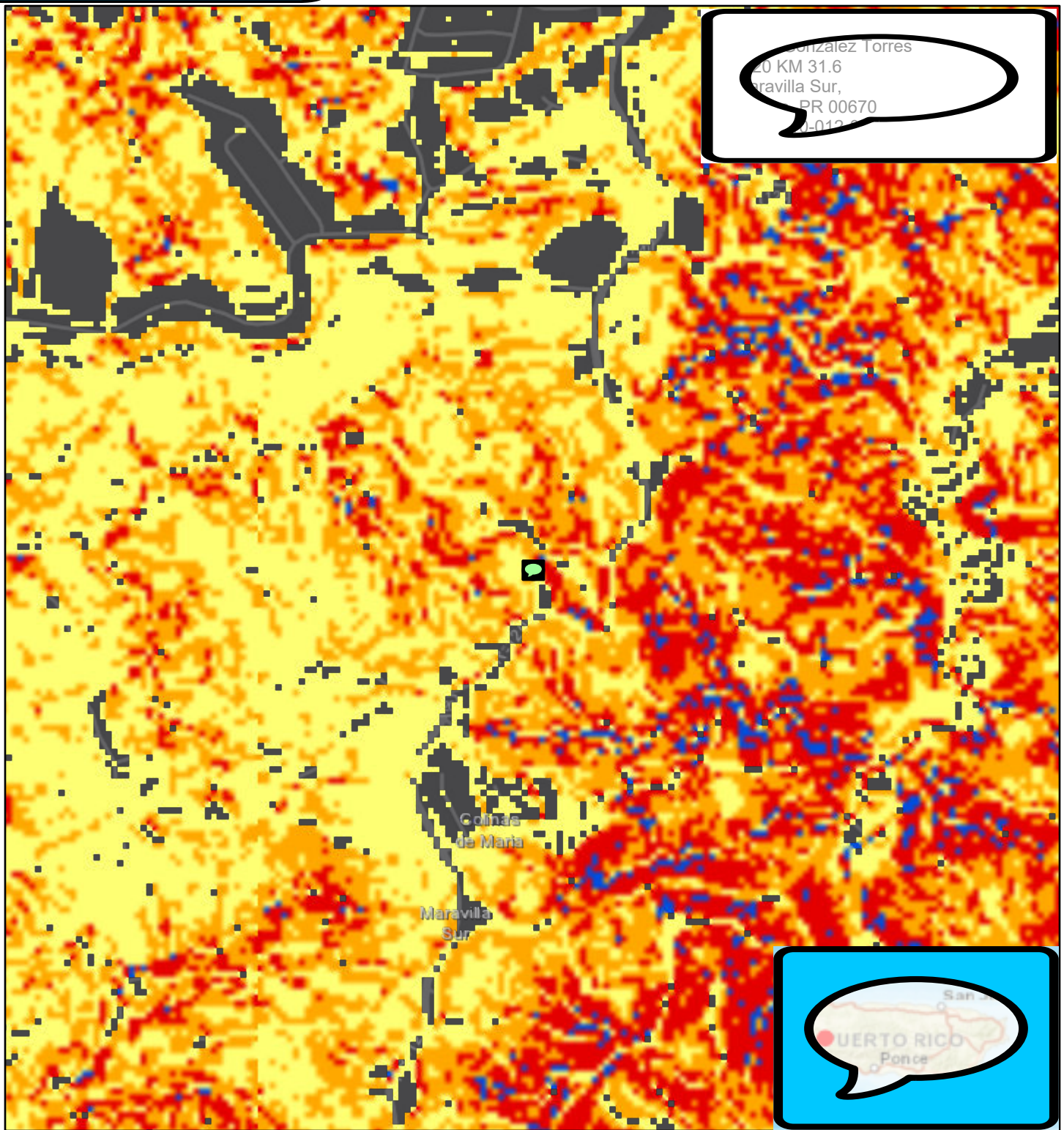
— National Wild and Scenic River Line



Fish and Wildlife Service (FWS)
National Wild and Scenic Rivers System
Rivers and

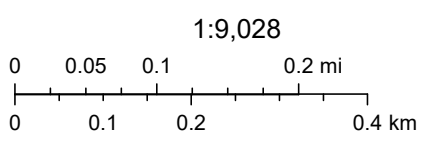
PR-RGRW-03085 Landslide

Hernandez Torres
20 KM 31.6
Maravilla Sur,
PR 00670
787-019-8888



15/11/2023, 12:09:09

- Landslide Susceptibility**
- Low
 - Moderate
 - High
 - Very High
 - Extremely High



agery Basemap service.

Appendix 1



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

November 13, 2023

Lauren Bair Poche

HORNE

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

SHPO 10-27-23-13 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-03085 – MARCOS A. GONZÁLEZ TORRES – CARR. 120, KM 31.6, BO.
MARAVILLA SUR, LAS MARÍAS, PUERTO RICO

Dear Ms. Bair,

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

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

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MB



October 27, 2023

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-03085 – Marcos A. González Torres – Carr 120 Km. 31.6, Bo. Maravilla Sur, Las Marías, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by Marcos A. González Torres located at Carr 120 Km. 31.6, Bo. Maravilla Sur, in the municipality of Las Marías. The undertaking for this project includes the purchase and installation of a 600-gal cistern, road cleaning, and equipment purchases including a portable generator. The road cleaning will be limited to grass removal and the preparation of the existing roads; no type of alteration to the ground is needed. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern.

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

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


Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Marcos A. González Torres		
Case ID: PR-RGRW-03085	City: Las Marías	

Project Location: Carr 120 Km. 31.6, Bo. Maravilla Sur	
Project Coordinates: 18.243009 -66.990593	
TPID (Número de Catastro): 210-012-040-67-000	
Type of Undertaking: <input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): n/a	Property Size (acres): 8.27

SOI-Qualified Archaeologist: Jaqueline López Meléndez
Date Reviewed: October 10, 2023


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

Project Description (Undertaking)

The proposed activities for PR-RGRW-03085, consist of the purchase and installation of a 600-gal cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump, zero turn mower, chainsaw, banana seeds, ñame seeds, Road cleaning (EA), fertilizers, UTV and a Cargo van. The Road cleaning (EA) is only cleaning (grass removal) and preparation of the existing roads and no type of alteration to the ground is needed. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from a rainwater collection system. The cistern will operate with the jet pump, powered by the generator, and will have its pipes placed aboveground. The project area is located at PR-120 Km 31.6, Bo. Maravilla Sur within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the location of the cistern plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Marcos A. González Torres	
Case ID: PR-RGRW-03085	City: Las Marías

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are no reported archaeological sites, archaeological materials of significant cultural properties within a half-mile (0.50 miles) radius of the project location. The closest reported archaeological site to the PR-RGRW-03085 project area is the historic site Las Marías city plaza (ICP: LM-43) located 0.64 miles northwest. The proposed project is located in Las Marías, at an elevation of 1,049 feet above sea level. Per the USGS/NRCS Web Soil Survey, the project area is within mapped soil series: Humatas. The project area APE is in HmE2. The nearest bodies of water are: Mayagüecillo creek, located 0.38 miles northeast and unnamed creek located 0.24 miles northwest from the project area. The coast is approximately 11.99 miles west from the project area.


There are six (6) archaeological studies within 0.50 miles radius of the project area, all with negative results.

The soil in the project area has been classified as Humatas clay, 20 to 40 percent slopes eroded (HmE2). This soil is on side slopes and narrow ridgetops of the volcanic uplands. This soil is somewhat difficult to work. Slope, runoff, past erosion and the hazard of further erosion are limitations.

The project area does not have cultural resources that are listed either on the National Register of Historic Places (NRHP) or in a Traditional Urban Center or Historic District. On October 9, 2023, we visually inspected the project area. The area where the cistern will be placed has a flat topography. On the surface we observed grasses and bushes. The visibility is good in spite of the vegetation. No cultural remains can be observed on the surface of the parcel.

Determination

The project area is not within or adjacent to the boundaries of a National Register of Historic Places (NRHP)-eligible or listed historic district or Traditional Urban Center. There are no reported archaeological materials or significant cultural properties within a half-mile radius of the proposed project location. There are no known archaeological sites or NRHP listed/eligible historic properties are within or adjacent to the property or the parcel in which the Area of Potential Effect of case PR-RGRW-03085 is located. The construction of public roads and agricultural infrastructure has minimally impacted the surrounding terrain. Therefore, no historic properties will be affected by the proposed project activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Marcos A. González Torres		
Case ID: PR-RGRW-03085		City: Las Marías

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:


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Marcos A. González Torres		
Case ID: PR-RGRW-03085	City: Las Marías	

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

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP (listed, eligible, non-eligible, no data)
None	-	-	-	-	-

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

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Ethel Schlafer	IA/ Las Marías Sewer System PR-120 and PR-119	1991	ICP/CAT-LM-91-01-06	Negative	0.44 mi NE
Aramis Font	IA-IB/Las Marías, PR, Improvements to the water supply system of Maravilla Sur ward and Naranjales Community	1992	ICP/CAT-LM-92-01-07	Negative	0.05 mi S and 0.07 mi E
Ethel Schlafer	IA/ Las Marías Sewer System PR-120 and PR-119	1986	ICP/CAT-LM-86-01-03	Negative	0.05 mi S and 0.07 mi E
Marisol Martínez	IA/ Enmienda al Sistema de Distribución de Agua Potable	2007	ICP/CAT-LM-07-02-07, SHPO: 04-24-07-03	Negative	0.07 mi E
Marisol Martínez	IA/ Enmienda al Sistema de Distribución de Agua Potable	2007	ICP/CAT-LM-07-03-01	Negative	0.33 mi NE
Jaqueline López Meléndez	IA-IB/ Proyecto Conector entre la carretera PR-119 y la calle Ramón Rivera	2007	SHPO: 10-03-05-01	Negative	0.37 MI nw



Applicant: Marcos A. González Torres

Case ID: PR-RGRW-03085

City: Las Marías

Project (PR-RGRW-03085) Location – Area of Potential Effect Map (Aerial)



Consulting Engineers, Architects and Planners
Carroll, Suite 100, J.R. Carré Ponce, 554, Alameda, San Juan, P.R. 00909 Tel: (787) 433-3200

Application ID: PR-RGRW-03085

Marcos A Gonzalez Torres

Carr 120 KM 31.6

Bo. Maravilla Sur,

Las Marías, PR 00670

Catastro: 210-012-040-67-000

Lat:18.243009, Long:-66.990593

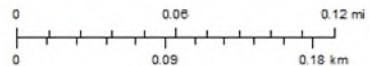
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

- Applicant Structures
- Area of Potential Effect 15 Mts.
- Parcel
- CRIM_Parcels



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



Source

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

Project (PR-RGRW-03085) Location - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corral, Santa Ysabel, P.O. Box 10000, San Juan, PR, 00909 Tel: (787) 760-3230

Application ID: PR-RGRW-03085

Marcos A Gonzalez Torres
Carr 120 KM 31.6
Bo. Maravilla Sur,
Las Marías, PR 00670
Catastro: 210-012-040-67-000
Lat:18.243009, Long:-66.990593

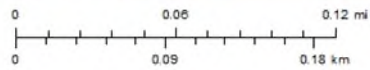
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- Applicant Structures
- Parcel
- CRIM_Parcels



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



Source

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

Applicant: Marcos A. González Torres

Case ID: PR-RGRW-03085

City: Las Marías

Project (PR-RGRW-03085) Location - USGS Topographic Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Carr 120 Km 31.6, Calle Ponce 88A, Maricao, San Juan, P.R. 00724 Tel: (787) 760-5200

Application ID: PR-RGRW-03085

Marcos A. Gonzalez Torres

Carr 120 KM 31.6

Bd. Maravilla Sur,

Las Marías, PR 00670

Catastro: 210-012-040-67-000

Lat:18.243009, Long:-66.990593

Location: USGS Topographic Map

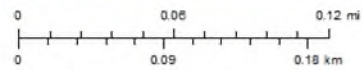
Puerto Rico Department of Housing ReGrow



Legend:

- Applicant Structures
- Parcel
- Contour Interval 20 Ft.

Quadrangle: Maricao



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



Source

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

Project (PR-RGRW-03085) Location – Soils Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corde, Suite 1000 J.D. Calle Perseus 154, Alhambra, San Juan, P.R. 00920 Tel: (787) 763-3233

Application ID: PR-RGRW-03085

Marcos A. Gonzalez Torres
Carr 120 KM 31.6
Bo. Maravilla Sur,
Las Marías, PR 00670
Catastro: 210-012-040-67-000
Lat:18.243009, Long:66.990593

Soils Map

Puerto Rico Department of Housing ReGrow

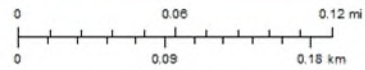


Legend:

- Applicant Structures
- Parcel
- Soil Map Unit Symbol

Soil Map Unit Symbol Legend

HmE2 - Humatos clay, 20 to 40 percent slopes
HmF2 - Humatos clay, 40 to 60 percent slopes



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



Source

Centro de Recaudación de Ingresos Municipales (CRM)
<https://catastro.crimpr.net/icc/pr/>



Applicant: Marcos A. González Torres

Case ID: PR-RGRW-03085

City: Las Marías

Project (PR-RGRW-03085) Location with Previous Investigations - Aerial Map

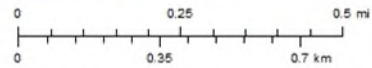
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
San Juan, Puerto Rico, P.O. Box 10000, San Juan, PR 00923 Tel: (787) 750-3233

Application ID: PR-RGRW-03085

Marcos A. Gonzalez Torres
Carr 120 KM 31.6
Bo. Maravilla Sur,
Las Marías, PR 00670
Catastro: 210-012-040-67-000
Lat:18.243009, Long:-66.990593

Previous Investigations: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- 0.5 Mile (0.50Km.)
- PR-RGRW-03085_Parcel

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

Source

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

Project (PR-RGRW-03085) Location with Previous Investigations – Topographic Map

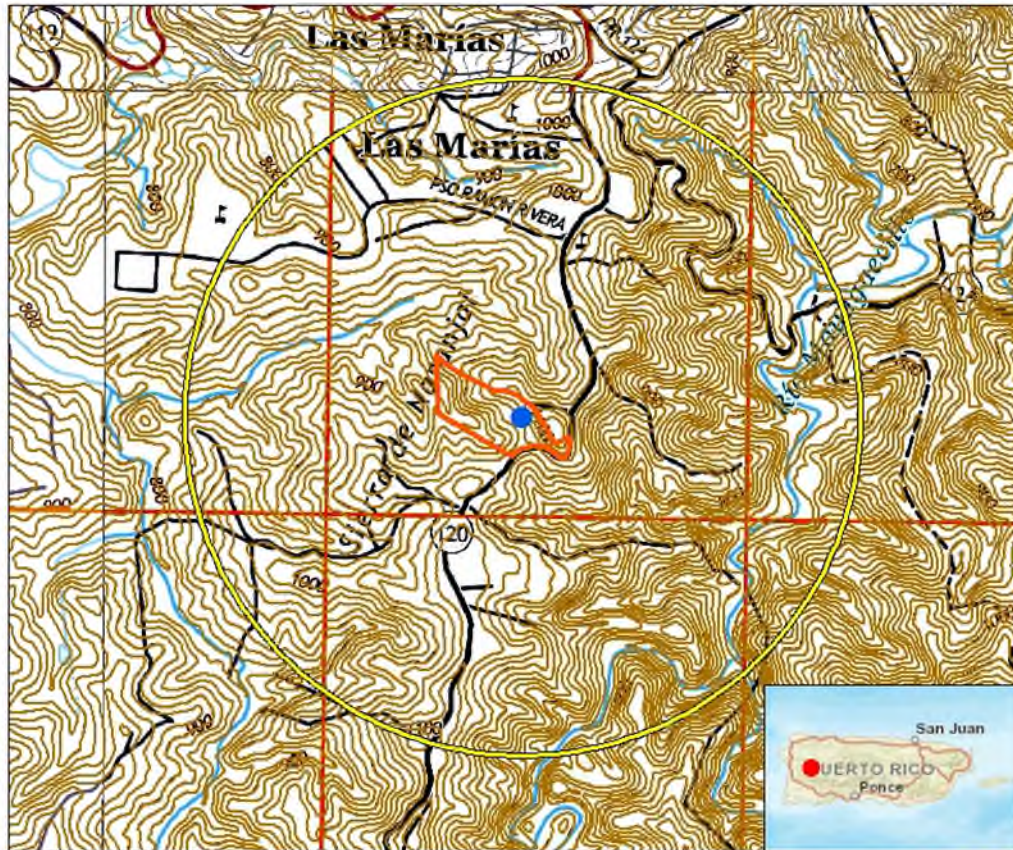
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

Application ID: PR-RGRW-03085

Marcos A. González Torres
Carr 120 KM 31.6
Bo. Maravilla Sur,
Las Marías, PR 00670
Catastro: 210-012-040-67-000
Lat:18.243009, Long:-66.990593

Previous Investigations: USGS Topographic Map

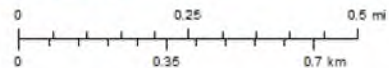
Puerto Rico Department of Housing ReGrow



Legend:

- Cistern_600_gal_03085
- 0.5 Mile (0.50Km.)
- PR-RGRW-03085_Parcel
- Contour Interval 20 Ft.

Quadrangle: Maricao



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



Source

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

Photograph Key

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Ciudad, Ibarra 1 Suite 4-3, Calle Princesa 554, Alamo, San Juan, PR 00920 Tel: (787) 633-8280

Application ID: PR-RGRW-03085

Marcos A Gonzalez Torres

Carr 120 KM 31.6

Bo. Maravilla Sur,

Las Marías, PR 00670

Catastro: 210-012-040-67-000





Lat:18.243009, Long:-66.990593

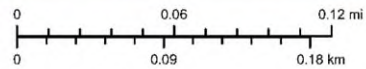
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

-  Applicant Structures
-  Area of Potential Effect 15 Mts.
-  Parcel
-  CRIM_Parcels



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



Source

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



Applicant: Marcos A. González Torres

Case ID: PR-RGRW-03085

City: Las Marías



Photo #: 1

Description (include direction): General area where the power generator and cistern will be installed, looking northwest.

Date: October 9, 2023



Photo #: 2

Description (include direction): General area where the cistern be installed, looking southeast.

Date: October 9, 2023



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

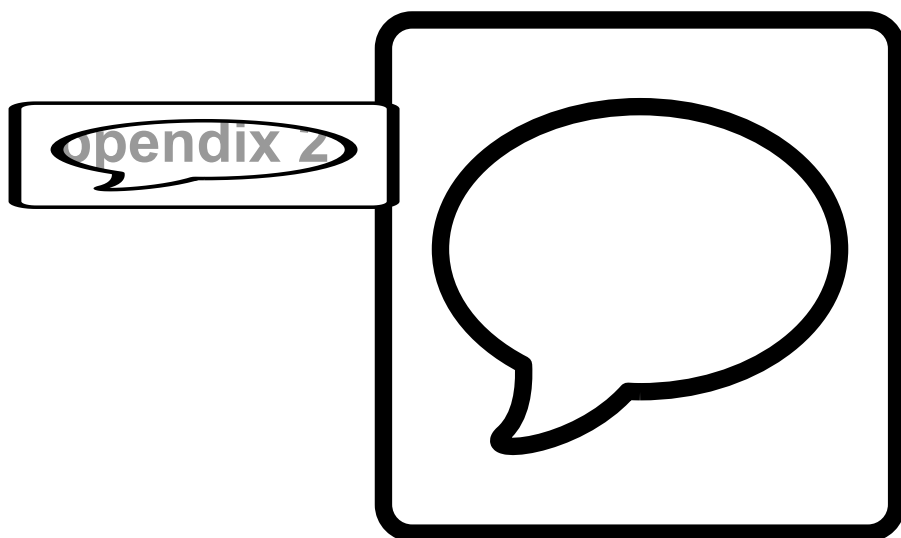
In line to expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT





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)

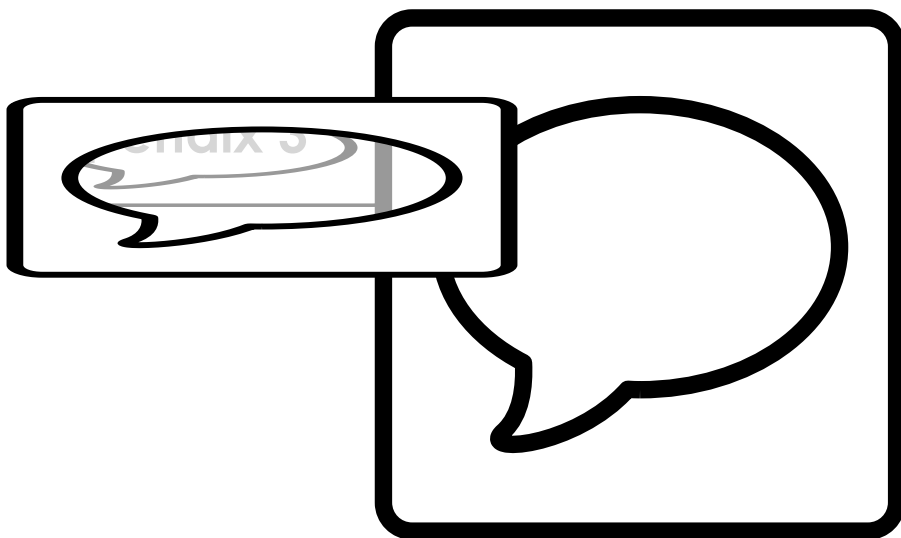
Change the State:

Important Notes

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

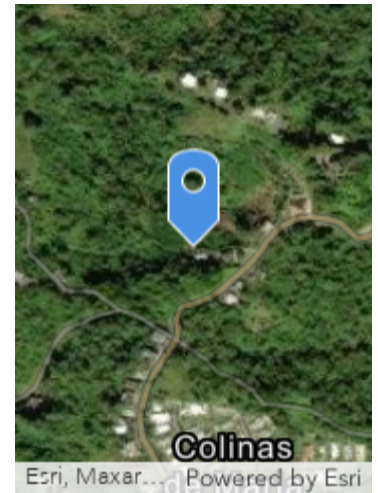
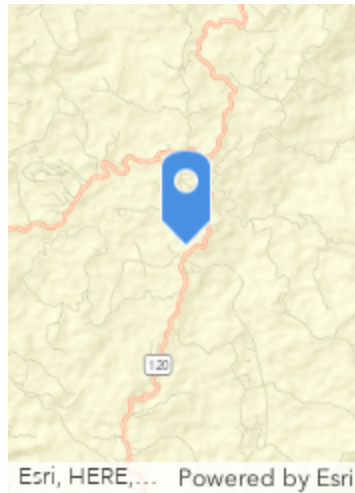
County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11121314151617181920212223	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	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



APPLICANT/LOCATION INFORMATION

Applicant ID:	PR-RGRW-03085
Name:	Marcos Gonzalez Torres
Parcel ID:	210-012-040-67-000
Latitude:	18.243009
Longitude:	-66.990593
Elevation:	317.029158771535
Development	
Street Address:	Carr 120 KM 31.6, Bo Maravilla Sur
Municipio:	Las Marias
Zip Code:	00670
Site Inspector:	Patricia Carmenatty
Date of Visit:	September 9, 2023
Time of Visit:	11:51



FIELD OBSERVATIONS

Question	Answer	Notes
1. Is the structure in use?	Yes	
2. Is the structure a greenhouse?	No	Plantain Farm
3. Is Electricity connected? (Utilities or Well)	No	
4. Is water connected? (Utilities or Well)	No	Collect rain water in water drums and the distributes
5. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, strom debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	Yes	
Are there any 55-gallon drums visible on site? If yes, are they leaking?	Yes	
6. Are there any (or signs of any) underground storage tanks on the property?	No	
7. Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
Is there any stained soil or pavement on the parcel?	N/A	
8. Is a water drainage system in use?		
9. Is a warehouse in use for storage of Fertilizer or Pesticides?	Yes	
10. Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
11. Is there evidence of a faulty septic system?	No	
12. Is there distressed vegetation on the parcel?	No	
13. Is there any visible indication of mold?	No	
14. Is there any visible evidence of asbestos, chipping, and flaking or peeling paint, or hazardous materials present in or on the structure?	No	
15. Are any additional site hazards observed?	No	
16. Is there any permanent standing water, such as a pond or stream, located on the site(do not include ponding from recent rain / weather events)?	No	
17. Does the subject property have water frontage?	No	
18. Is there any indication of the presence of wetlands?	No	
19. Are there any obvious signs of animals or birds nesting on or near the site?	No	
20. Is the applicant aware of any significant historcal event or persons associated with the structure, or of it being located in a historic district/ area?	N/A	

Photo Direction: Northeast

Comments: Cistern location 18.243009, -
66.990593



Photo Direction: Northwest

Comments: Se instalará en suelo desnudo



Photo Direction: Southeast

Comments: To be install in Bare soil



Photo Direction: North

Comments: Facing away cistern/ roads to be cleaned



Back of Structure

Photo Direction: Southeast

Comments: Farm entrance



Photo Direction: East

Comments: Plantain/ roads



Side #2 of Structure

Photo Direction: South

Comments:



Facing Away from Side #2

Photo Direction: Northwest

Comments: generator storage



Streetscape #1

Photo Direction: South

Comments: Storage



Streetscape #2

Photo Direction: N/A

Comments: Facing away storage



Address

Photo Direction: East

Comments: Plantain Farm



Evidence Photo 1

Photo Direction: N/A

Photo Description: Entrance of the house.



Evidence Photo 2


Photo Direction: N/A

Photo Description:

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	N/A	N/A	N/A	8.08	N/A
Ozone (ppb)	N/A	N/A	N/A	61.6	N/A
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.0272	0.0667	37	0.261	1
Air Toxics Cancer Risk* (lifetime risk per million)	20	20	15	25	5
Air Toxics Respiratory HI*	0.2	0.19	17	0.31	4
Toxic Releases to Air	250	4,300	18	4,600	35
Traffic Proximity (daily traffic count/distance to road)	13	180	17	210	19
Lead Paint (% Pre-1960 Housing)	0.1	0.16	52	0.3	35
Superfund Proximity (site count/km distance)	0.057	0.15	32	0.13	48
RMP Facility Proximity (facility count/km distance)	0.11	0.47	33	0.43	34
Hazardous Waste Proximity (facility count/km distance)	0.07	0.76	6	1.9	14
Underground Storage Tanks (count/ km^2)	0.0044	1.7	0	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0011	2.3	35	22	49
SOCIOECONOMIC INDICATORS					
Demographic Index	93%	83%	77	35%	99
Supplemental Demographic Index	51%	43%	69	14%	99
People of Color	100%	96%	30	39%	97
Low Income	87%	70%	75	31%	98
Unemployment Rate	2%	15%	19	6%	36
Limited English Speaking Households	87%	67%	88	5%	99
Less Than High School Education	26%	21%	65	12%	88
Under Age 5	4%	4%	61	6%	39
Over Age 64	21%	22%	46	17%	69
Low Life Expectancy	N/A	N/A%	N/A	20%	N/A

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

 An official website of the United States government

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Detailed Facility Report



Detailed Facility Report

Facility Summary

PRPHA - RES GARDINES LAS MARIAS

LAS ROSAS ST BO MARAVILLA SUR, LAS MARIAS, PR 00670 

FRS (Facility Registry Service) ID: 110012267180

EPA Region: 02

Latitude: 18.24842

Longitude: -66.99414

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000014076)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Univers	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110012267180					N	18.24842	-66.99414
RCRAInfo	RCRA	PRR000014076	VSQG	Active (H)			N	18.24884	-66.994452

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110012267180	PRPHA - RES GARDINES LAS MARIAS	LAS ROSAS ST BO MARAVILLA SUR, LAS MARIAS, PR 00670	Las Marías Municipio
RCRAInfo	RCRA	PRR000014076	PRPHA - RES GARDINES LAS MARIAS	LAS ROSAS ST BO MARAVILLA SUR, LAS MARIAS, PR 00670	Las Marías Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as compliance monitoring strategy activities. For programs without compliance monitoring strategies, entries in italics are not counted as on-site activities within EPA's Annual Results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000014076	No	11/12/2023	0	11/11/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant /Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000014076)		01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-06 /30/23	07/01-09 /30/23	10/01-12 /31/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute System Source ID Type of Action Lead Agency Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds ▲

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings DMR and TRI Multi-Year Loading Report

NPDES ID Description

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720839599003	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	53	57
Air Toxics Respiratory Hazard Index	36	42
Toxic Releases to Air	<input checked="" type="radio"/> 90	<input checked="" type="radio"/> 96
Traffic Proximity	69	78
Lead Paint	<input checked="" type="radio"/> 84	<input checked="" type="radio"/> 99
Risk Management Plan (RMP) Facility Proximity	<input checked="" type="radio"/> 87	<input checked="" type="radio"/> 99
Hazardous Waste Proximity	61	65
Superfund Proximity	<input checked="" type="radio"/> 97	<input checked="" type="radio"/> 99
Underground Storage Tanks (UST)	0	<input checked="" type="radio"/> 95
Wastewater Discharge	<input checked="" type="radio"/> 97	<input checked="" type="radio"/> 97

Facility 1-mile Radius Facility Census Block Group



1 mi



Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,534	Children 5 years and younger	174 (7%)
Population Density	813/sq.mi.	Minors 17 years and younger	656 (26%)
Housing Units in Area	1,036	Adults 18 years and older	1,878 (74%)
		Seniors 65 years and older	336 (13%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	1,045	White	2,251 (89%)
Percent People of Color	100%	African-American	102 (4%)
Households in Area	333	Hispanic-Origin	2,526 (100%)
Households on Public Assistance	3	Asian/Pacific Islander	0 (0%)
Persons With Low Income	867	American Indian	4 (0%)
Percent With Low Income	84%	Other/Multiracial	177 (7%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	140 (19.44%)
Center Latitude	18.24842	9th through 12th Grade	74 (10.28%)
Center Longitude	-66.99414	High School Diploma	240 (33.33%)
Land Area	100%	Some College/2-year	34 (4.72%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	169 (23.47%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	159 (47.75%)		
\$15,000 - \$25,000	42 (12.61%)		
\$25,000 - \$50,000	102 (30.63%)		
\$50,000 - \$75,000	30 (9.01%)		
Greater than \$75,000	0 (0%)		

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Detailed Facility Report



Detailed Facility Report

Facility Summary

LAS MARIAS

MATIAS BRUCKMAN STREET, LAS MARIAS,
PR 00670 ⓘ

FRS (Facility Registry Service) ID: 110054107818

EPA Region: 02

Latitude: 18.24966

Longitude: -66.98946

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Expired
(PRR040083)

Resource Conservation and Recovery Act (RCRA): No
Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

**Compliance and Emissions Data Reporting Interface
(CEDRI):**

No Information

[Go To Enforcement/Compliance Details](#)

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110054107818					N	18.24966	-66.98946

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110054107818	LAS MARIAS	MATIAS BRUCKMAN STREET, LAS MARIAS, PR 00670	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as compliance monitoring strategy activities. For programs without compliance monitoring strategies, entries in italics are not counted as on-site activities within EPA's Annual Results.

Compliance Summary Data

Statute Source ID Current SNC (Significant Noncompliance)/HPV (High Priority Violation) Current As of Qtrs with NC (Noncompliance) (of 12) Data Last Refreshed

No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions Last 5 Years

Statute System Source ID Type of Action Lead Agency Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds ▲

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100030208	Rio Arenas	--	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRWR83E	RIO ARENAS	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name ↑

No data records returned

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings DMR and TRI Multi-Year Loading Report

NPDES ID ↓ Description ↑

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720839598001	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	53	57
Air Toxics Respiratory Hazard Index	36	42
Toxic Releases to Air	<input checked="" type="radio"/> 94	<input checked="" type="radio"/> 96
Traffic Proximity	78	78
Lead Paint	<input checked="" type="radio"/> 95	<input checked="" type="radio"/> 99
Risk Management Plan (RMP) Facility Proximity	<input checked="" type="radio"/> 90	<input checked="" type="radio"/> 99
Hazardous Waste Proximity	54	65
Superfund Proximity	<input checked="" type="radio"/> 94	<input checked="" type="radio"/> 99
Underground Storage Tanks (UST)	0	<input checked="" type="radio"/> 95
Wastewater Discharge	<input checked="" type="radio"/> 96	<input checked="" type="radio"/> 97

Facility 1-mile Radius Facility Census Block Group



1 mi



Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,357	Children 5 years and younger	158 (7%)
Population Density	743/sq.mi.	Minors 17 years and younger	594 (25%)
Housing Units in Area	984	Adults 18 years and older	1,763 (75%)
		Seniors 65 years and older	328 (14%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	1,037	White	2,113 (90%)
Percent People of Color	100%	African-American	80 (3%)
Households in Area	341	Hispanic-Origin	2,348 (100%)
Households on Public Assistance	2	Asian/Pacific Islander	0 (0%)
Persons With Low Income	851	American Indian	5 (0%)
Percent With Low Income	83%	Other/Multiracial	160 (7%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	147 (20.28%)
Center Latitude	18.24966	9th through 12th Grade	75 (10.34%)
Center Longitude	-66.98946	High School Diploma	222 (30.62%)
Land Area	100%	Some College/2-year	36 (4.97%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	180 (24.83%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	163 (47.52%)		
\$15,000 - \$25,000	48 (13.99%)		
\$25,000 - \$50,000	100 (29.15%)		
\$50,000 - \$75,000	32 (9.33%)		
Greater than \$75,000	0 (0%)		

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Detailed Facility Report



Detailed Facility Report

Facility Summary

MUNICIPALITY OF LAS MARIÁS

P.O. BOX 366, LAS MARIAS, PR 00670 ⓘ

FRS (Facility Registry Service) ID: 110041922140

EPA Region: 02

Latitude: 18.251222

Longitude: -66.990611

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, (PRU000516)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

[Go To Enforcement/Compliance Details](#)

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Statu	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110041922140					N	18.251222	-66.990611

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110041922140	MUNICIPALITY OF LAS MARIAS	P.O. BOX 366, LAS MARIAS, PR 00670	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as compliance monitoring strategy activities. For programs without compliance monitoring strategies, entries in italics are not counted as on-site activities within EPA's Annual Results.

Compliance Summary Data

Statute Source ID Current SNC (Significant Noncompliance)/HPV (High Priority Violation) Current As of Qtrs with NC (Noncompliance) (of 12) Data Last Refreshed

No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions Last 5 Years

Statute System Source ID Type of Action Lead Agency Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds ▲

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100030208	Rio Arenas	--	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRWR83E	RIO ARENAS	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name ↑

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID ↑ Description ↓

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

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Census Block Group ID: 720839599003	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	5	6
Air Toxics Cancer Risk	53	57
Air Toxics Respiratory Hazard Index	36	42
Toxic Releases to Air	<input checked="" type="radio"/> 90	<input checked="" type="radio"/> 96
Traffic Proximity	69	78
Lead Paint	<input checked="" type="radio"/> 84	<input checked="" type="radio"/> 99
Risk Management Plan (RMP) Facility Proximity	<input checked="" type="radio"/> 87	<input checked="" type="radio"/> 99
Hazardous Waste Proximity	61	65
Superfund Proximity	<input checked="" type="radio"/> 97	<input checked="" type="radio"/> 99
Underground Storage Tanks (UST)	0	<input checked="" type="radio"/> 95
Wastewater Discharge	<input checked="" type="radio"/> 97	<input checked="" type="radio"/> 97

Facility 1-mile Radius Facility Census Block Group



4 mi



Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	2,378	Children 5 years and younger	157 (7%)
Population Density	751/sq.mi.	Minors 17 years and younger	595 (25%)
Housing Units in Area	995	Adults 18 years and older	1,783 (75%)
		Seniors 65 years and older	332 (14%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	1,062	White	2,131 (90%)
Percent People of Color	100%	African-American	82 (3%)
Households in Area	356	Hispanic-Origin	2,369 (100%)
Households on Public Assistance	2	Asian/Pacific Islander	0 (0%)
Persons With Low Income	862	American Indian	5 (0%)
Percent With Low Income	82%	Other/Multiracial	160 (7%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	149 (20%)
Center Latitude	18.251222	9th through 12th Grade	79 (10.6%)
Center Longitude	-66.990611	High School Diploma	223 (29.93%)
Land Area	100%	Some College/2-year	38 (5.1%)
Water Area	0%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	190 (25.5%)
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	169 (47.34%)		
\$15,000 - \$25,000	53 (14.85%)		
\$25,000 - \$50,000	101 (28.29%)		
\$50,000 - \$75,000	34 (9.52%)		
Greater than \$75,000	0 (0%)		

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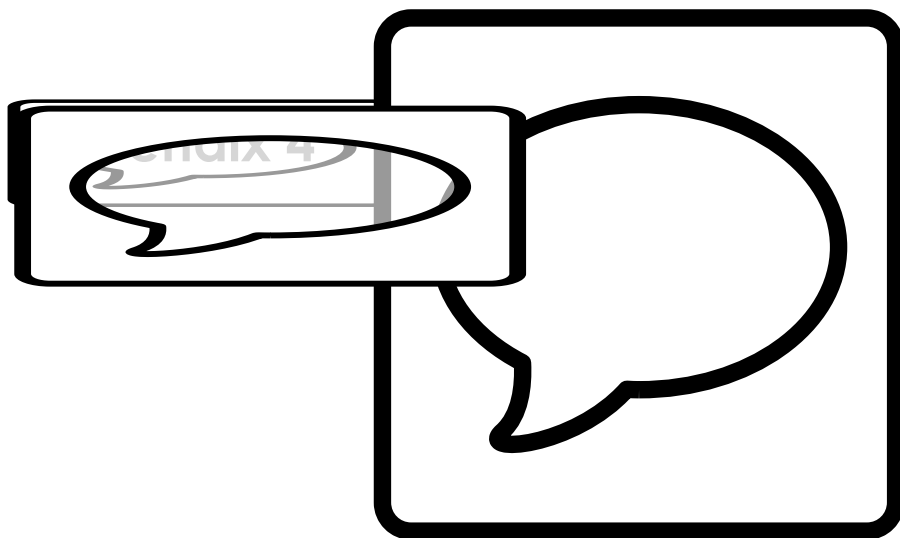
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United States Department of the Interior

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



In Reply Refer to:
FWS/R4/CESFO/72083-Gen

Submitted 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 PR-RGRW-03085 Marcos A.
González, Las Marías, Puerto Rico

Dear Mr. Pérez-Bofill

Thank you for your letter dated January 24, 2024, requesting informal consultation on the above referenced project. As per your request, our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The Puerto Rico Department of Housing (PRDOH) is proposing the purchase and installation of a 600-gallon cistern (18°14'34.8"N 66°59'26.1"W), 6,500-watt gasoline powered portable generator (18°14'34.2"N 66°59'26.0"W), atomizer pump, jet pump and road cleaning. The project area is located on a 5.83 acres property at State Road PR- 120, Km 31.6, Bo. Maravilla Sur in the municipality of Las Marías, Puerto Rico.

Using the U.S. Fish and Wildlife Service's (Service) Information for Planning and Consultation (IPaC) system, the PRDOH has determined that the proposed project site is located within the range of Puerto Rican boa (*Epicrates inornatus* now known as *Chilabothrus inornatus*), Puerto Rican broad-winged hawk (*Buteo platypterus brunnescens*), Puerto Rican parrot (*Amazona vittata*), Puerto Rican harlequin butterfly (*Atlantea tulita*).

The Caribbean Determination Key (DKey) in the IPaC application was used to evaluate the potential impacts to federally listed species for this project (Project code: 2024-0016452). Based on the answers provided, a consistency letter was obtained for the Puerto Rican boa and Puerto Rican broad-winged hawk, which determined that the proposed actions for this project would have "No Effect" (NE) for these species. As for the Puerto Rican parrot and Puerto Rican harlequin butterfly a consultation is required.

The Service acknowledges receipt of the NE DKey consistency letter for the Puerto Rican boa and Puerto Rican broad-winged hawk. For the Puerto Rican parrot, PRDOH made a no effect (NE) determination due to the lack of suitable habitat for this species within the project area. We acknowledge receipt of PRDOH's NE determination for the Puerto Rican parrot. Currently, we do not have any information to refute that determination. Because PRDOH made a NE determination, PRDOH is not required to conduct formal or informal section 7 consultation with the Service, and the Service is not required to concur with PRDOH's NE determination.

Based on the nature of the project, scope of work, and existing habitat, PRDOH has determined that the proposed project may affect, but is not likely to adversely affect the Puerto Rican harlequin butterfly. Conservation measures previously provided by the Service to PRDOH will be implemented prior to and during the project activities to avoid and minimize impacts to these species.

We have reviewed the information provided and our files, and concur with PRDOH's determination that the proposed actions may affect but is not likely to adversely affect the Puerto Rican harlequin butterfly with the implementation of conservation measures.

Please, be aware that the Puerto Rican harlequin butterfly measures were amended to clarify how they are appropriately applied. Therefore, the Service recommends the applicant to adopt the implementation of the below updated conservation measures for the proposed actions.

1. The contractor must inform all personnel about the potential presence of the Puerto Rican harlequin butterfly or its occupied host plant "prickly bush" (*Oplonia spinosa*) in the project areas. A pre-work meeting should inform all project personnel about the need to avoid harming this butterfly and its occupied host plant. Educational material (e.g., posters, flyers or signs with photos or illustrations of all the life stages of the Puerto Rican harlequin butterfly (i.e., eggs, caterpillar, chrysalids and adult, and its host plant) should be prepared and available to all personnel for reference.
2. Before starting any project activity, including removal of vegetation and earth movement, the contractor must clearly delineate the boundaries of the working area in the field to avoid unnecessary habitat impacts. Once the project areas are clearly marked, and before any work activity, including site preparation, personnel with knowledge and ability to identify the Puerto Rican harlequin butterfly (all life stages) and the "prickly bush" must survey the areas where the work will be performed for the presence of the species and its host plant. It is important to note that the Puerto Rican harlequin butterfly can be observed year-round in all its life stages; thus, oviposition (egg-laying) may occur at any time during the year.
3. If the "prickly bush" is present on the project site, try to avoid cutting it off, even if no eggs, caterpillars, or chrysalids are present.
4. If there is no prickly bush within the project area, and the butterfly is observed flying within the project area, do not harass, harm, pursue, wound, kill, trap, capture, collect, or attempt to engage in any such conduct, the species.

5. Adult butterflies are often observed flying near the host plant as part of their mating behavior and laying eggs. Project-related activities must stop if the prickly bush is found in the project area and the Puerto Rican harlequin butterfly is observed flying in that same area. A temporary 50-meter (164 feet) buffer zone of no activity or human disturbance should be established and clearly marked around that prickly bush until the butterfly moves out on its own.
6. Once the Puerto Rican harlequin butterfly has moved away, within a period of 24 to 36 hours, a search of the prickly bush that has been buffered should be conducted to determine the presence of any eggs, caterpillars, or chrysalids of the butterfly on the plant. The contractor or the Applicant should send a report of the observation and its findings to caribbean_es@fws.gov after the 36-hour search is concluded.
7. If, after the initial search or after the 24 to 36-hour search, any life stage of the Puerto Rican harlequin butterfly is found in the prickly bush, take the following actions:
 - Clearly mark the host plant with flagging tape.
 - Establish a 10-meter (32-foot) buffer zone around the bush to protect it.
 - Eggs are typically found on the prickly bush's newly grown, tender branches. Once an egg hatches, the caterpillar moves and feeds throughout the bush. Therefore, avoid cutting off the prickly bush within the project site even if no eggs, caterpillars, or chrysalids are present.
 - Work within the 10-meter buffered area may resume when no signs of any live life stage of the butterfly are detected, which usually takes approximately 60 to 120 days.
8. For all Puerto Rican harlequin butterfly sightings (all life stages), the time and date of the sighting and the specific location where the butterfly was found must be recorded. Data should also include a photo of the butterfly (if possible) and the habitat where it was observed, site GPS coordinates, and comments on how the butterfly was detected and its behavior. All Puerto Rican harlequin butterfly sighting reports should be sent to the USFWS Caribbean Ecological Service Field Office at caribbean_es@fws.gov.
9. For questions regarding the Puerto Rican harlequin butterfly, the Point of Contacts are:
 - José Cruz-Burgos, Endangered Species Coordinator:
 - Mobile: 305-304-1386
 - Office phone: 786-244-0081
 - Office Direct Line: 939-320-3120
 - Email: jose_cruz-burgos@fws.gov
 - Carlos Pacheco, Fish and Wildlife Biologist:
 - Mobile: 786-847-5951
 - Office Direct Line: 939-320-3113
 - Email: carlos_pacheco@fws.gov

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,

Lourdes Mena
Acting Field Supervisor

drr



January 24, 2024

Edwin E Muñiz
Field Supervisor
U.S. Fish and Wildlife Service
PO Box 491
Boquerón, Puerto Rico 00622
Email: caribbean_es@fws.gov; edwin_muniz@fws.gov

**RE: Puerto Rico Department of Housing / Re-Grow Program
PR-RGRW-03085 – Marcos A. González Torres
Endangered Species Concurrence for NLAA Determination**

Dear Mr. Muñiz:

The Puerto Rico Department of Housing (PRDOH) is requiring an informal consultation under Section 7 (a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the proposed project PR-RGRW-03085, located at PR-120 Km 31.6, Maravilla Sur Ward, Las Marías, PR 00670; coordinates of the cistern location: 18.243009, -66.990593, power generator location: 18.242819, -66.990566, see Appendix A: Figure 1 & Figure 2.

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

The proposed activities for PR-RGRW-03085 consist of the purchase and installation of a 600-gallon cistern, 6,500W gasoline powered portable generator, atomizer pump, jet pump and road cleaning (EA). The road cleaning (EA) is only clearing (grass removal) and preparation of the existing roads. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The cistern will operate with the jet pump, powered by the generator, and will have its pipes placed aboveground. The project area is located at PR-120 Km 31.6, Maravilla Sur Ward within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

The Area of Potential Effect (APE) has been defined as the area potentially impacted by ground disturbing activities related to the installation of the new cistern and road clearing, see Appendix A: Figure 3.

Existing Conditions and Trends:

For the proposed project parcel 210-012-040-67-000, the areas are designated as Farmland of statewide importance, see Appendix A: Figure 4. The project area is located in the rural mountainous area of Las Marías. The project has a steep topography. On the surface we observed grasses and bushes. The visibility is good in spite of the vegetation, refer to Appendix C. The area is almost entirely covered with grass. The soil in the project area has been classified as Humatas clay, 20 to 40 percent slopes eroded (HmE2). This soil is on side slopes and narrow ridgetops of the volcanic uplands. The land has been used for agricultural uses for the past 20 years and the proposed project will not change the land use associated with these placements. In addition, the closer Final Critical Habitat is located at 21,293 feet from the project location, see Appendix A: Figure 5.

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

Name of the species	Threatened/Endangered/Candidate
Reptiles	
Puerto Rican boa <i>(Chilabothrus inornatus)</i>	Endangered
Birds	
Puerto Rican Broad-winged Hawk <i>(Buteo platypterus brunnescens)</i>	Endangered
Puerto Rican Parrot <i>(Amazona vittata)</i>	Endangered
Insects	
Puerto Rican Harlequin Butterfly <i>(Atlantea tulita)</i>	Threatened
Critical Habitat	
There are no critical habitats within the project area.	

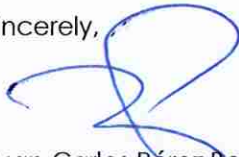
The nature of the project, scope of work, information available, a careful analysis of the IPaC, the Puerto Rico Boa conservation measures, the Caribbean Dkey dated December 28, 2023, in the US Fish and Wildlife Service's online IPaC application, and the observations during the field visit, were used to evaluate the potential impacts to federally listed species from this project. Based on that information and the answer inputted into the Dkey, it was determined that the proposed action will have "No Effect" determination on the Puerto Rican Boa, Puerto Rican Broad-winged Hawk and Puerto Rican Parrot, and a "Not Likely to Adversely Affect" determination on the Puerto Rican Harlequin Butterfly, see Appendix B.

Name of the species	Effect Determination	Conservation Measures that will be implemented (if needed)
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	No Effect (NE)	USFWS Puerto Rico Boa Conservation Measures 2020
Puerto Rican Broad-winged Hawk (<i>Buteo platypterus brunnescens</i>)	No Effect (NE)	No Conservation Measures
Puerto Rican Parrot (<i>Amazona vittata</i>)	No Effect (NE)	No Conservation Measures
Puerto Rican Harlequin Butterfly (<i>Atlantea tulita</i>)	Not Likely to Adversely Affect (NLAA)	No Conservation Measures
Critical Habitats		
There are no critical habitats within the project area.		

In order to complete the informal consultation process, we are requesting your concurrence for the NE determination for the Puerto Rican Parrot, Puerto Rican Boa and Puerto Rican Broad-winged Hawk, and NLAA determination for the Puerto Rican Harlequin Butterfly included in this letter. Attached to this letter, we are including the documents used to reach our effect determinations for the listed species. For any questions or clarifications, please do not hesitate to contact us at the information below.

Thank you in advance for your consideration of this issue.

Sincerely,



Juan Carlos Pérez Bofill, PE, MEng.
 Director – Disaster Recovery, CDBG-DR Program
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Attachments:

- Appendix A:
 - Figure 1 – Location Map
 - Figure 2 – Topographic Map
 - Figure 3 – Area of Potential Effect Map
 - Figure 4 – Farmland Protection Map
 - Figure 5 – Critical Habitats Map
- Appendix B: Information for Planning and Consultation (IPaC)
- Appendix C: Field Visit Photos

C: Angel G. López-Guzmán, MSEM
 Deputy Director
 Permits and Environmental Compliance Division

References:

Puerto Rican boa (*Chilabothrus inornatus*)

USFWS Puerto Rican boa Conservation Measures: <https://ecos.fws.gov/ecp/species/6628>

Puerto Rican broad-winged hawk (*Buteo platypterus brunnescens*)

Species Profile for Puerto Rican broad-winged hawk (*Buteo platypterus brunnescens*)
(fws.gov)

Puerto Rican parrot (*Amazona vittata*)

Species Profile for Puerto Rican parrot (*Amazona vittata*) (fws.gov)

Puerto Rican Harlequin Butterfly (*Atlantea tulita*)

Species Profile for Puerto Rican harlequin butterfly (*Atlantea tulita*) (fws.gov)

Appendix A: Figures

Location: Aerial Map
 Puerto Rico Department of Housing ReGrow

Lat: See List Below, Lon: See List Below



- Legend:**
- Cistern_600_gal_03085
 - Power_Generator_-03085
 - CRIM_Parceles
 - PR-RGRW-03085_Parcel



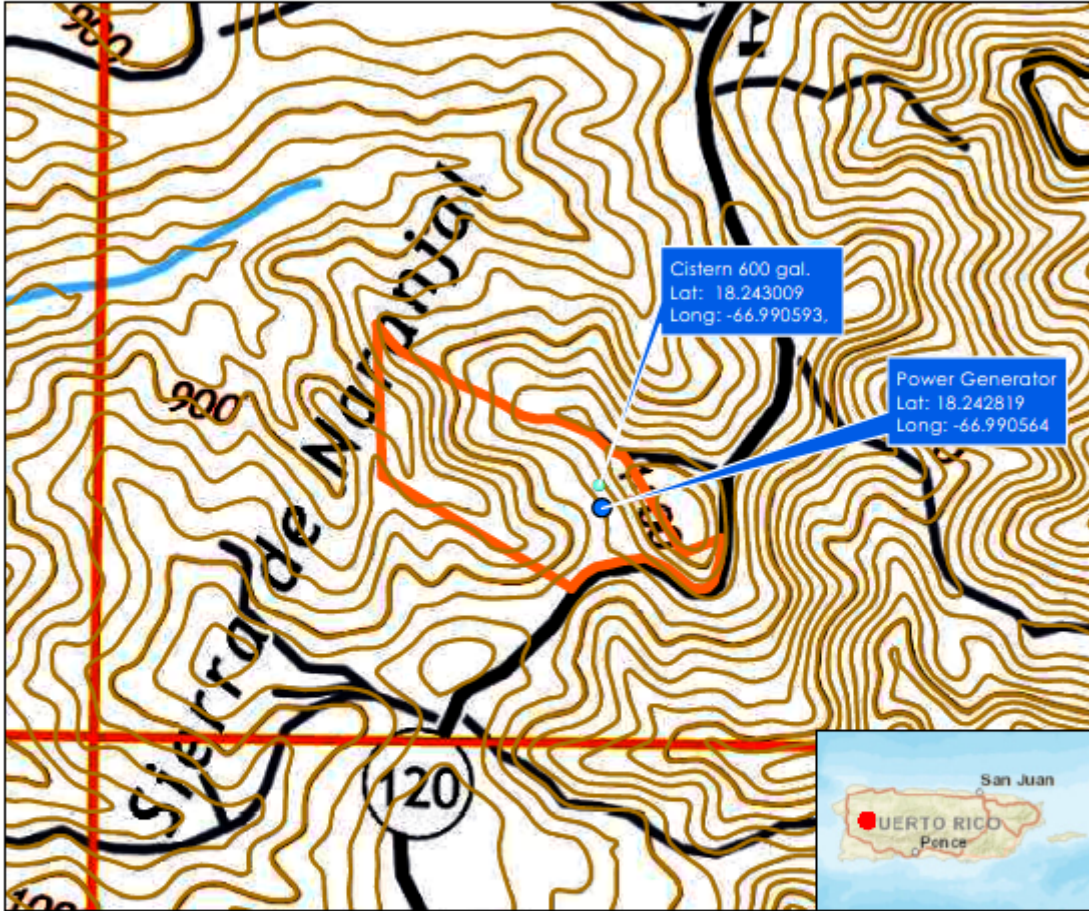
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, INEL, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google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



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

Figure 1: PR-RGRW-03085 Location Map

Location: USGS Topographic Map
 Puerto Rico Department of Housing ReGrow

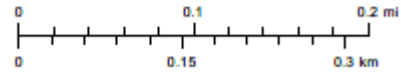


Cistern 600 gal.
 Lat: 18.243009
 Long: -66.990593.

Power Generator
 Lat: 18.242819
 Long: -66.990564

Legend:

- Cistern_600_gal_03085
- Power_Generator_03085
- Elev_Contour
- PR-RGRW-03085_Parcel



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



Quadrangle: Maricao

Source

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

Figure 2: PR-RGRW-03085 Topographic Map

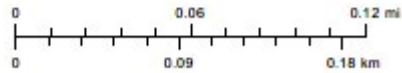
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend:

- Cistern_600_gal_03085
- Power_Generator_03085
- Area of Potential Effect
- PR-RGRW-03085_Parcel
- CRIM_Parcels



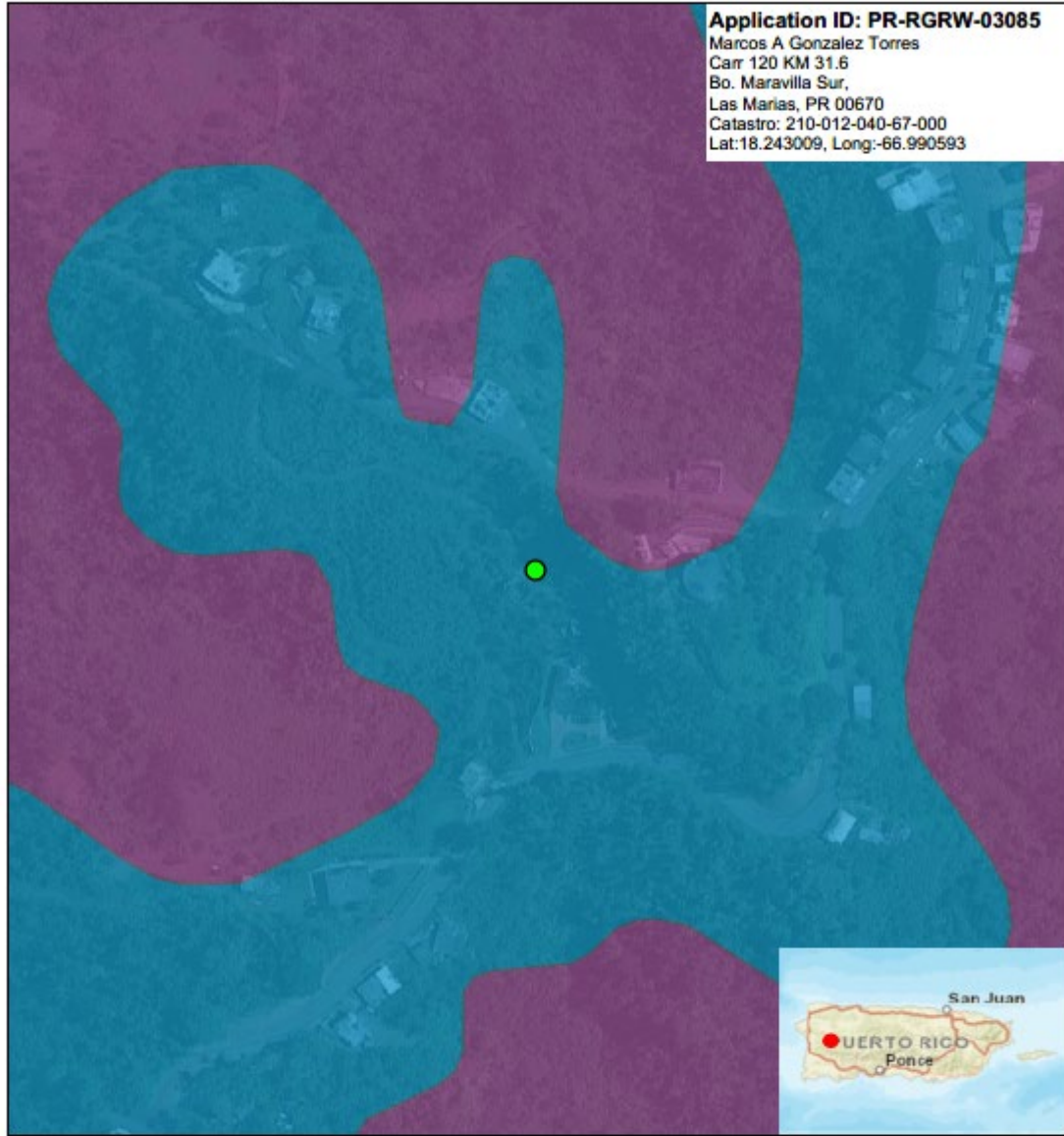
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community and Google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



Source




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

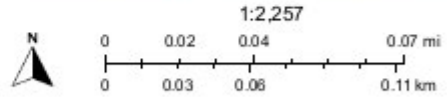
Figure 3: PR-RGRW-03085 Area of Potential Effect Map



11/15/2023, 11:58:55 AM

Farmland Protection

-  Farmland of statewide importance
-  Not prime farmland
-  PR-RGRW-03085

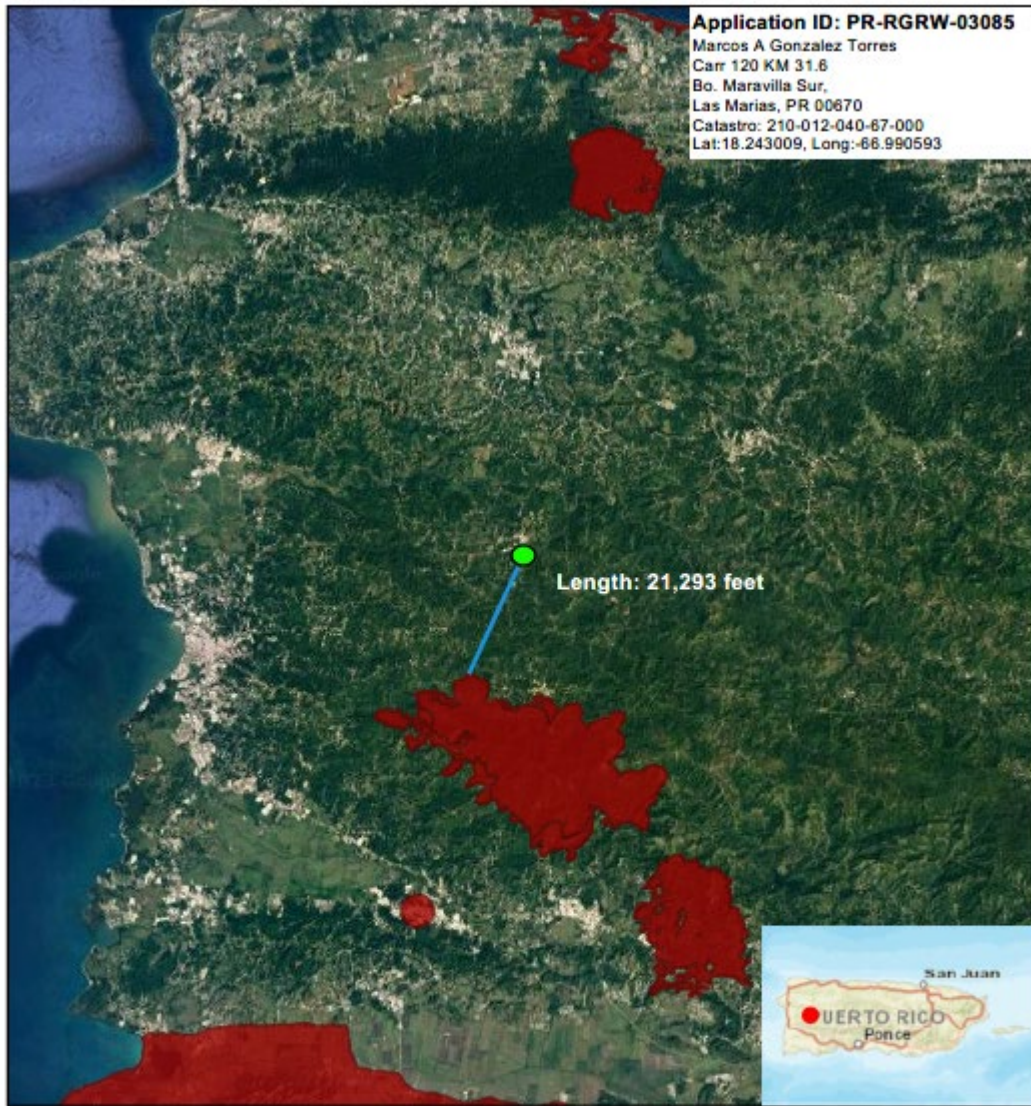


Source

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-03085 Farmland Protection Map

PR-RGRW-03085 Endangered Species

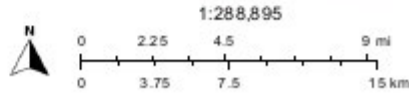


Application ID: PR-RGRW-03085
Marcos A Gonzalez Torres
Carr 120 KM 31.6
Bo. Maravilla Sur,
Las Marias, PR 00670
Catastro: 210-012-040-67-000
Lat:18.243009, Long:-66.990593

Length: 21,293 feet

11/16/2023, 11:51:02 AM

- USFWS Critical Habitat - Final
- PR-RGRW-03085



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

Figure 5: PR-RGRW-03085 Critical Habitats Map

Appendix B: Information for Planning and Consultation (IPaC)



United States Department of the Interior



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

In Reply Refer To:
Project Code: 2024-0016452
Project Name: PR-RGRW-03085

December 28, 2023

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

To Whom It May Concern:

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

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

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

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

to caribbean_es@fws.gov. To obtain guidance for completing this process and the minimum requirements for project packages, please visit:

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

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

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

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

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

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

This species list is provided by:

Caribbean Ecological Services Field Office

caribbean_es@fws.gov

Post Office Box 491

Boqueron, PR 00622-0491

(786) 244-0081

Attachment(s):

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

OFFICIAL SPECIES LIST

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

This species list is provided by:

Caribbean Ecological Services Field Office

Post Office Box 491

Boqueron, PR 00622-0491

(787) 834-1600

PROJECT SUMMARY

Project Code: 2024-0016452

Project Name: PR-RGRW-03085

Project Type: New Constr - Above Ground

Project Description: The proposed activities for PR-RGRW-03085 consist of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The Road cleaning (EA) is only clearing (grass removal) and preparation of the existing roads and no type of alteration to the ground is needed. The service involves cleaning and preparing roads and includes removing the vegetation cover made up of grass, herbs, bushes or stones on the ground on approximately 5.83 acres of land. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The cistern will operate with the jet pump, powered by the generator, and will have its pipes placed aboveground. The project area is located at PR-120 Km 31.6, Bo. Maravilla Sur within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.24314855,-66.99143204719883,14z>



Counties: Las Marías County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 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/NWRUNJQRSRBHJCUTNZOGVUQLRM/documents/generated/7140.pdf	Endangered

INSECTS

NAME	STATUS
Puerto Rican Harlequin Butterfly <i>Atlantea tulita</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9005	Threatened

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

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

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

MIGRATORY BIRDS

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

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

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

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

WETLANDS

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

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

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

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patricia Carmenatty
Address: Perseo St. 554 Cond. Iberia Suite J-3
City: San Juan
State: PR
Zip: 00920
Email: patricia.carmenatty@byaea.com
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United States Department of the Interior



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

In Reply Refer To:
Project code: 2024-0016452
Project Name: PR-RGRW-03085

December 28, 2023

Subject: Consistency letter for the project named 'PR-RGRW-03085' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On December 28, 2023, Patricia Carmenatty used the Caribbean DKey; dated October 12, 2023, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-RGRW-03085'. The project is located in Las Marías County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.24314855,-66.99143204719883,14z>



The following description was provided for the project 'PR-RGRW-03085':

The proposed activities for PR-RGRW-03085 consist of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The Road cleaning (EA) is only clearing (grass removal) and preparation of the existing roads and no type of alteration to the ground is needed. The service involves cleaning and preparing roads and includes removing the vegetation cover made up of grass, herbs, bushes or stones on the ground on approximately 5.83 acres of land. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The cistern will operate with the jet pump, powered by the generator, and will have its pipes placed aboveground. The project area is located at PR-120 Km 31.6, Bo. Maravilla Sur within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

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

Species	Listing Status	Determination
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered	No effect
Puerto Rican Broad-winged Hawk (<i>Buteo platypterus brunnescens</i>)	Endangered	No effect

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

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

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

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to**

handle or move these species. If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

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

- Puerto Rican Harlequin Butterfly *Atlantea tulita* Threatened
- Puerto Rican Parrot *Amazona vittata* Endangered

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

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

Action Description

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

1. Name

PR-RGRW-03085

2. Description

The following description was provided for the project 'PR-RGRW-03085':

The proposed activities for PR-RGRW-03085 consist of the purchase and installation of a 600-gallon cistern, 6,500-watt gasoline powered portable generator, atomizer pump, jet pump and Road cleaning (EA). The Road cleaning (EA) is only clearing (grass removal) and preparation of the existing roads and no type of alteration to the ground is needed. The service involves cleaning and preparing roads and includes removing the vegetation cover made up of grass, herbs, bushes or stones on the ground on approximately 5.83 acres of land. The water cistern will be placed on bare soil on higher ground. The proposed area for the cistern will undergo thorough minor leveling to ensure that it accommodates the cistern. The water to be stored in the cistern will be used for irrigation and will be from an existing rainwater collection system. The cistern will operate with the jet pump, powered by the generator, and will have its pipes placed aboveground. The project area is located at PR-120 Km 31.6, Bo. Maravilla Sur within the Municipality of Las Marías. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 30 years.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.24314855,-66.99143204719883,14z>



QUALIFICATION INTERVIEW

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

No

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

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

No

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

No

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

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

No

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

No

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

No

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

No

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

No

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

Yes

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

Automatically answered

Yes

11. Does the proposed project intersect the Puerto Rican Broad-winged hawk area of influence?

Automatically answered

Yes

IPAC USER CONTACT INFORMATION

Agency: Private Entity
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Appendix C: Field Visit Photos



Photo #: 1

Description (include direction): General area where the power generator will be placed.

Date: October 9, 2023



Photo #: 2

Description (include direction): General area where the cistern be installed, looking southeast.

Date: October 9, 2023