

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-01420

Project Name: JN HIDROPONIC FARM INC

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Corozal, 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 and Juan Carlos Perez Bofill.

Consultant: Behar Ybarra & Associates LLC

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

Project Location:

Bo. Cibuco Carr 818 Km 1.3, Corozal, PR 00783

Greenhouse location: latitude 18.338856, longitude -66.329417

Parcel cadastral # 139-008-168-63-000

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

The proposed project for PR-RGRW-01420, consist of installation of a greenhouse and generator, plus a transit vehicle and tractor. The installation of the greenhouse will require ground disturbance. The greenhouse will be anchored to the ground with metal pipes with a diameter of 1 foot by 1 foot deep. The water needed for the greenhouse will be provided by an existing cistern that is supplied from a P.R.A.S.A intake on the property. The power needed to operate the water pump will be provided by an existing P.R.E.P.A/LUMA connection on the property. The power generator will be placed on an existing concrete slab covered with a zinc roof. A transfer switch panel for the generator

will be installed in the structure which already has the required electric infrastructure. No ground disturbance will be required for the power generator installation. The project area is located at PR-818 km. 1.3 within the Municipality of Corozal. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 20 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 greenhouse. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is the location of the greenhouse plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

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

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]: The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project associated with the installation of a greenhouse and generator, plus a transit vehicle and tractor 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 new greenhouse will be installed is mostly exposed, covered with grass and it will be anchored to the ground with metal pipes with a diameter of 1 foot by 1 foot deep. The power generator will be placed on an existing concrete slab covered with a zinc roof. Therefore, there is no change in land use associated with these placements.

Funding Information

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

Estimated Total HUD Funded Amount: \$83,666.25

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$83,666.25.

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits 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 of the installation of a greenhouse and generator, plus a transit vehicle and tractor will have no impact on any Airports. The site is located 90,594 feet from the nearest major civil airport (Fernando Luis Ribas Dominicci in San Juan) and 119,779 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 Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not located in a CBRS Unit. The project is located 50,391 feet southeast of the nearest Coastal Barrier Resource System, PR-84. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. See the attached CBRS map, Figure 3.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located in a Zone X, Panel 72000C0680H, 4/19/2005 on the FEMA FIRM. The project does not require flood insurance or is excepted from flood

of 1994 [42 USC 4001-4128 and 42 USC 5154a]		insurance. See attached Flood Map, Figure 4 and 4.1.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor 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 county by year for all criteria pollutants in Appendix 2.</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 46,346 feet from the nearest Coastal Zone Management Area and does not affect a Coastal Zone as defined in the state Coastal management Plan. The project is in compliance with the Coastal Zone Management Act. See the attached CZMA map, Figure 5.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural project. On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. There are 9 sites of environmental concern identified within 3,000 feet from the project site.</p> <p>EPA Facility Interests NPDES (Water Discharges) 110009814996 Negros-Corozal Filtration Plant – 2,633 ft. Address: PR-159 KM 11.5, Corozal, PR 00783. Coordinates: 18.332174, -66.331003</p>

EPA Facility Interests ICIS-AIR (Air Pollution) 110007175591 Corozal Professional Dry Cleaners - 2,912 ft. Address: PR-159 KM 13.4 Loma Linda, Corozal, PR 00783. Coordinates: 18.33517, -66.32247

EPA Facility Interests RCRA Info (Hazardous Waste) 110007821526 PR Ind Dev Co Fomento T-0133-0-52 - 2,467 ft. Address: PR-159 KM 13.5, Corozal, PR 00783. Coordinates: 18.338002, -66.322672

EPA Facility Interests RCRA Info (Hazardous Waste) 110071140127 Farmacia Marce - 2,492 ft. Address: CARR 818 KM 0.1, Corozal, PR 00783. Coordinates: 18.341535, -66.32322

EPA Facility Interests NPDES (Water Discharges) 110070688174 Transporte Sonnell - 2,516 ft. Address: CARR. #818 KM 0.4, Corozal, PR 00783. Coordinates: 18.343581, -66.324671

EPA Facility Interests RCRA Info (Hazardous Waste) 110031344668 Transporte Sonnell Inc - 2,517 ft. Address: CARR 818 KM 0.4 Bo Cibuco, Corozal, PR 00783. Coordinates: 18.344816, -66.32655

EPA Facility Interests RCRA Info (Hazardous Waste) 110006622690 Corozal Stp - 2,648 ft. Address: State Road 818 Km 0.9, Corozal, PR 00783. Coordinates: 18.345556, -66.327778

EPA Facility Interests NPDES (Water Dischargers) 110006622690 Corozal Stp - 2,648 ft. Address: State Road 818 Km 0.9, Corozal, PR 00783. Coordinates: 18.345556, -66.327778

EPA Facility Interests NPDES (Water Dischargers) 110064873294 Corozal WWTP - 2,692 ft. Address: Road 818, KM 1 Cibuco Ward, Corozal, PR 00783. Coordinates: 18.345711, -66.327845

		<p>Based on EPA Enforcement and Compliance History Online (EPA ECHO) there are two violations identified (110009814996 and 110006622690) and one Significant/Category I Noncompliance (110070688174) reported but due to the distance they do not affect the proposed project. See Appendix 3.</p> <p>The project is in compliance with contamination and toxic substances requirements. See attached Toxics Map, Figure 6.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project will have No Effect on listed species due to the nature of the activities involved in the project. The project is 47,461 feet from the nearest final endangered species critical habitat. In the Project area according to the IPaC the PR boa could be found (see attached Appendix 4). The scope of work includes continued agricultural use of the property with no intention to cut down trees because the new greenhouse will be installed over a space that has been cleared and maintained that way for agricultural purposes. Additionally, the project has no critical habitats in the area.</p> <p>If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa. As established by the USFWS Puerto Rican Boa Conservation Measures Guideline.</p>

		https://ipac.ecosphere.fws.gov/guideline/design/population/156/office/41430.pdf This project is in compliance with the Endangered Species Act. See attached Endangered Species map, Figure 7.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists of installation of a greenhouse and generator, plus a transit vehicle and tractor 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.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project does not include any activities that could potentially convert agricultural land to non-agricultural use. All areas under the project site are not prime farmland. The project is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map, Figure 8.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located in a Zone X, Panel 72000C0680H, 4/19/2005 (Figure 4). The site is not located in a Preliminary Firm or an Advisory Base Flood Elevation special flood hazard area. The project is in compliance with Executive Order 11988. See attached Flood Map (Figure 9).
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The site was visited on June 11, 2023, by SOI-qualified archaeologist. Based on this definition and the nature and scope of the undertaking, the APE has been defined as the area potentially affected by ground-disturbing activities related to the new greenhouse. Documentation with photographs and maps was subsequently submitted to SHPO (attached Appendix 1). In a response from PR SHPO dated August 4, 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.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural site. The project does not include new construction for residential use or rehabilitation of an existing residential property. The site is rural in nature and there will be no impact to or from the surrounding area from a noise perspective. This topic is in compliance with this citation without further evaluation.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no EPA sole source aquifers in Puerto Rico. The project is in compliance with Noise Abatement and Control without further evaluation.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no wetlands located on or near 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 11.
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 187,634 feet from the nearest Wild and Scenic River. The project is in compliance with the Wild and Scenic Rivers Act. See Map, Figure 12.
ENVIRONMENTAL JUSTICE		
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 /	2	The proposed action is continued agricultural use of property which is compatible with a zoning code of Rb (Low intensity Residential) and existing land use of SU (Urban Land). There is no urban design associated with this rural, agricultural site.

Scale and Urban Design		
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The soil is currently being used for agriculture purposes. There is no change in land use since the land will continue to be used to agriculture purposes. The soil in the area has been classified as Mucara clay, 40 to 60 percent slopes (MxF). This soil is moderately deep, very steep and well drained. It is on the side slopes and ridgetops of humid volcanic uplands. The permeability is moderate, and the available water capacity is low. Runoff is rapid. Natural fertility is medium. Slope and the depth to rock are the main limitations of this soil for nonfarm development. The landslide data indicates low to moderate 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 13.
Hazards and Nuisances including Site Safety and Noise	2	There are no specific environmental hazards that have been identified for this site. The site is not in a high Noise Level area, nor will the project generate any additional noise. Additionally, the project does not include housing or such to where inhabitants would be affected.
Energy Consumption	2	The project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor on an existing agricultural farm and will not require any expansion to existing power facilities. The power needed to operate the water pump will be provided by an existing P.R.E.P.A/LUMA connection on the property and the generator that runs with diesel. A transfer switch panel for the generator will be installed in the structure which already has the required electric infrastructure.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project will result in short-term benefit to employment when contractors are hired for the construction of the new greenhouse. After construction, there may be a net positive benefit for the farm, a small business receiving this funding for economic development recovery

		purposes, which will aid in the continued operations of the intended use of the farm which products will be used by Puerto Rico population. The project is not anticipated to have a significant impact on Employment and Income Patterns, however, the project may help restore employment opportunities and income patterns.
Demographic Character Changes, Displacement	2	The proposed project will not alter the demographic characteristics of Corozal, PR. The applicant is already located at this location and the project will provide opportunities for the continuous agricultural growth of the business.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural site and will have no impact on educational and cultural facilities.
Commercial Facilities	2	The proposed project may aid in restoring the demand for local commercial services; however, not to the point of putting undue pressure on commercial facilities.
Health Care and Social Services	2	The project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural site and will have no impact on Health Care and Social Services.
Solid Waste Disposal / Recycling	2	The proposed project will have no impact on Solid Waste Disposal / Recycling services. The products and by-products are agricultural, and any waste would be biodegradable. The remaining construction solid waste materials would be collected for transport to the local landfill.
Wastewater / Sanitary Sewers	2	The purchase and installation of greenhouse is not expected to result in significant changes in wastewater or sanitary sewer generation. Wastewater from the project will not enter environmentally sensitive areas, nor will the project produce any noxious odors affecting

		the quality of life of nearby residents. The closest residence is 90 feet from the proposed location. The proposed project will have no impact on Wastewater / Sanitary Sewers.
Water Supply	2	The proposed project will not require an additional water supply. The water needed for the greenhouse will be provided by an existing cistern that is supplied from a P.R.A.S.A intake on the property. The proposed project will have a minor impact on the existing P.R.A.S.A.
Public Safety - Police, Fire and Emergency Medical	2	The project of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural site and will have no impact on Public Safety.
Parks, Open Space and Recreation	2	The proposed project will have no impact to Parks, Open Space and Recreation. The property being used is agricultural and it will continue as agricultural use.
Transportation and Accessibility	2	The project consists of the installation of a greenhouse and generator, plus a transit vehicle and tractor for an agricultural site and will have no impact on transportation and accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project will be situated on previous agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur on land previously used for agricultural purposes and will continue in that capacity. There may be wildlife attracted to the new greenhouse but no negative impact on wildlife.
Climate Change	2	The Re-Grow Program proposed project aims to increase resiliency in the agricultural industry to prepare for future climate related disasters. The project will not contribute to climate change and will

		provide a minor net benefit by allowing for increased food production.
--	--	--

Additional Studies Performed: Not applicable.

Field Inspection (Date and completed by): June 11, 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.org/10.5066/F7JD4VRF>

List of Permits Obtained: None required.

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

Cumulative Impact Analysis [24 CFR 58.32]: In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the installation of a greenhouse and generator, plus a transit vehicle and tractor 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 new greenhouse. 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 of the installation of a greenhouse and generator, plus a transit vehicle and tractor 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

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: 10/4/2023

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

Certifying Officer Signature: _____  _____ Date: October 23, 2023

Name/Title: Permits and Environmental Compliance Specialist

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

Figures

Figure 1

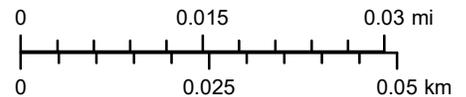
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend

-  PR-RGRW-01420
-  PR-RGRW-01420 Parcel
-  CRIM Parcels



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



Source

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

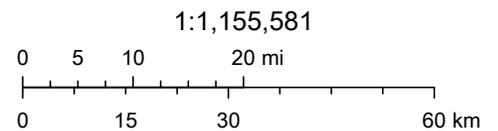
Figure 2 PR-RGRW-01420 Airports

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417



8/30/2023, 3:07:26 PM

- Accident Potential Zone
- Clear Zone
- APZ 1
- APZ 2
- USA Military Airports
- USA Civil Airports
- PR-RGRW-01420



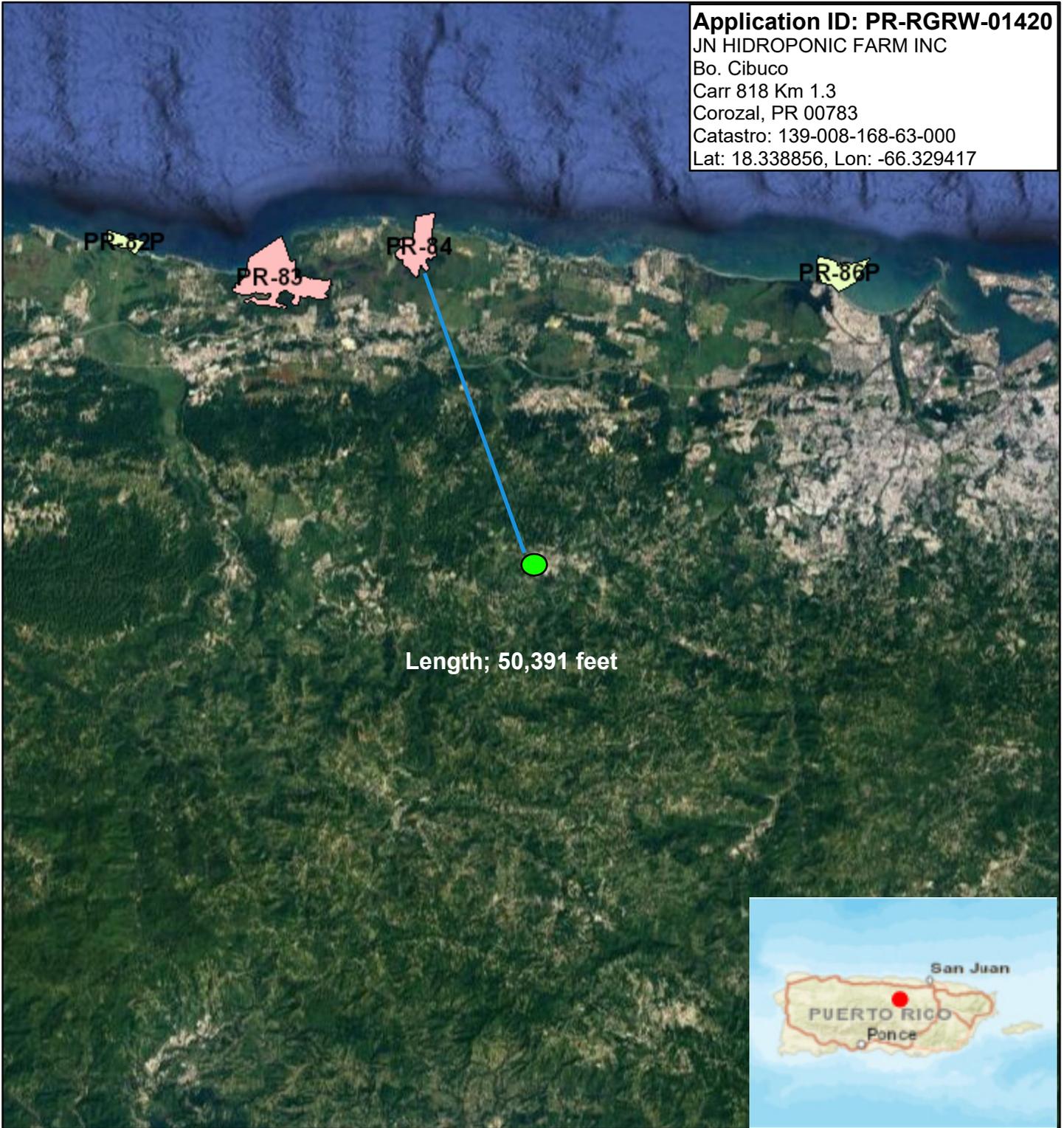
Runway Protection Zones
 Major Civil and Military Airports

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



Figure 3 PR-RGRW-01420 CBRS

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417

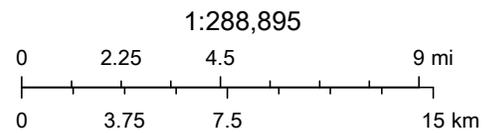


Length; 50,391 feet

8/30/2023, 3:16:47 PM

CBRS Units

- Otherwise Protected Area
- System Unit
- PR-RGRW-01420



Source

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

National Flood Hazard Layer FIRMette Figure 4



66°20'5"W 18°20'37"N



Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/30/2023 at 2:56 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.

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417

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

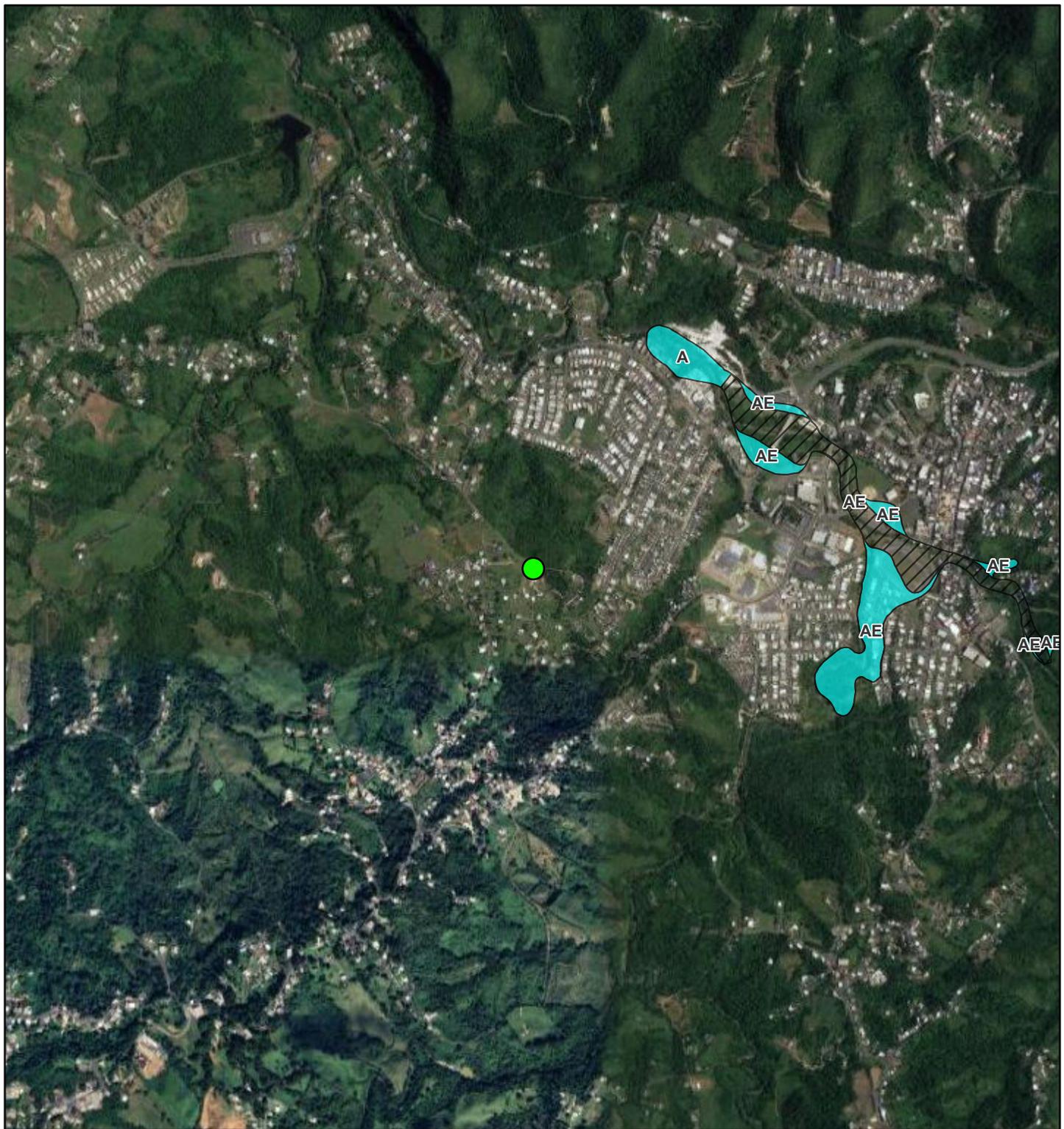


1:6,000

66°19'27"W 18°20'3"N

Basemap Imagery Source: USGS National Map 2023

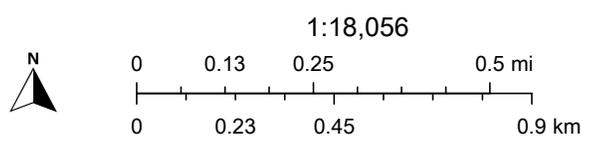
Figure 4.1
 PR-RGRW-01420 Flood Hazard



8/31/2023, 10:23:49 AM

FEMA_FIRM - FEMA_FLOOD_HAZARD_AREAS

- Special Flood Hazard Areas
- Floodway Areas
- Other Areas
- PR-RGRW-01420



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

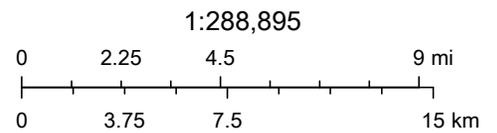
PR-RGRW-01420 CZM

Application ID: PR-RGRW-01420
JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417



8/30/2023, 3:46:02 PM

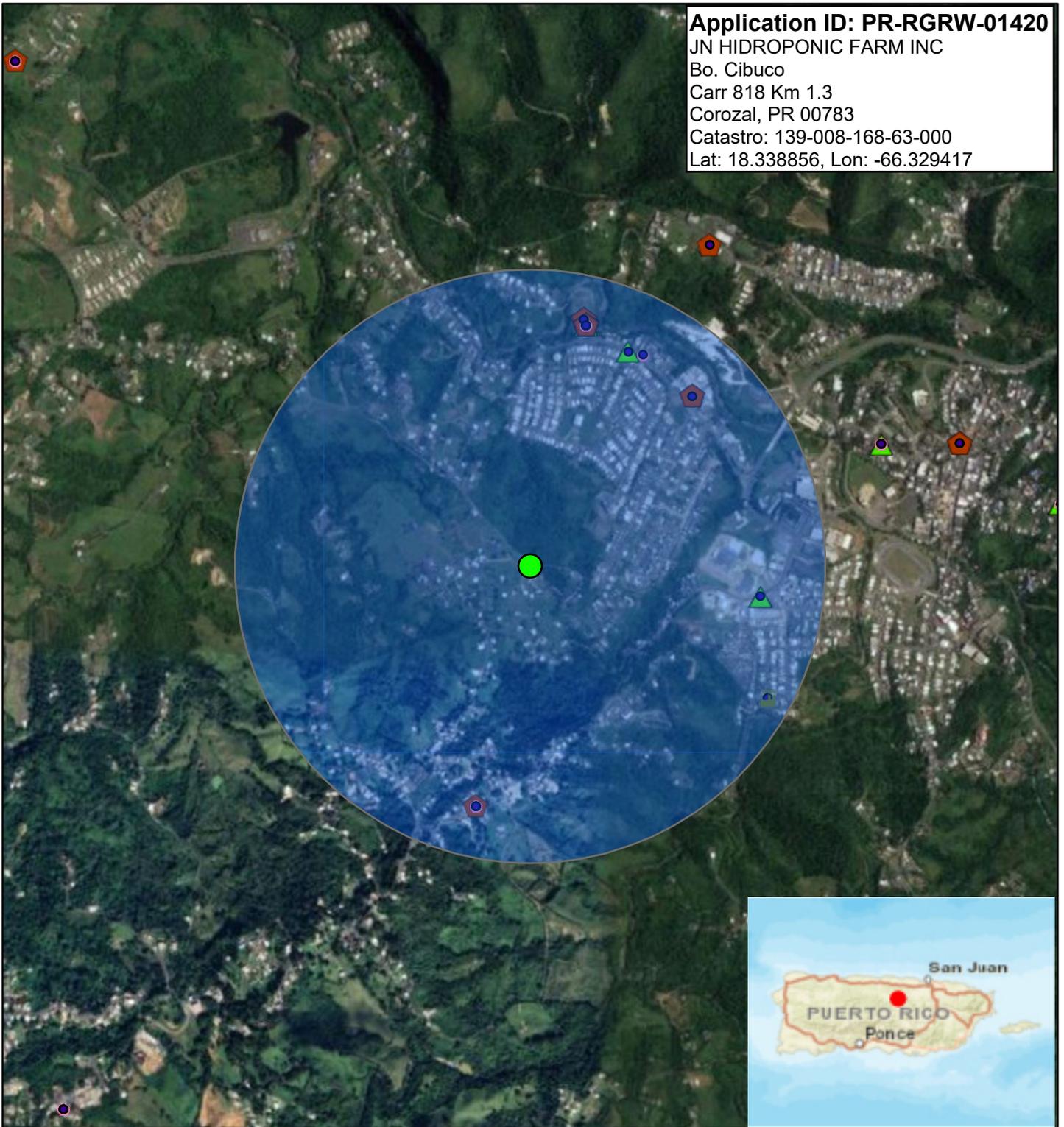
-  Override 1
-  PR-RGRW-01420



Source

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

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417



8/30/2023, 3:52:16 PM

BufferedFeatures

AIR

FACILITY INTERESTS

ICIS

NCDB

PR-RGRW-01420

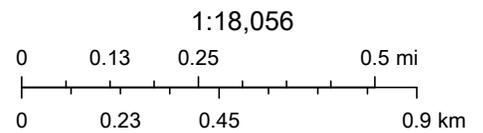
NPDES

NPDES MAJOR

RCRA

RCRA ACTIVE

RCRA INACTIVE



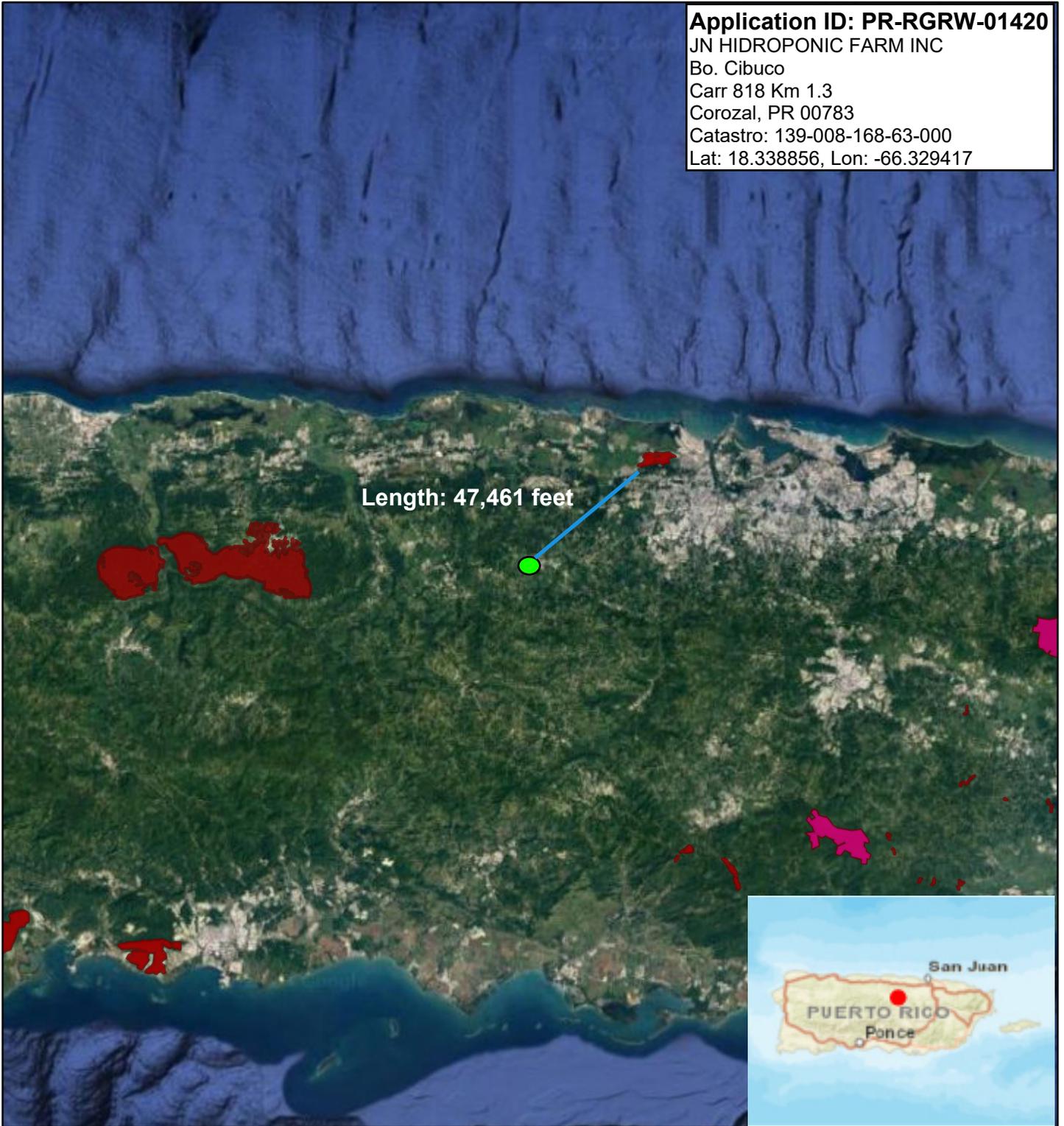
Source

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

Figure 7

PR-RGRW-01420 Endangered Species

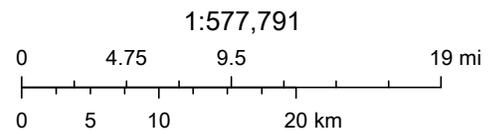
Application ID: PR-RGRW-01420
JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417



8/30/2023, 3:55:48 PM

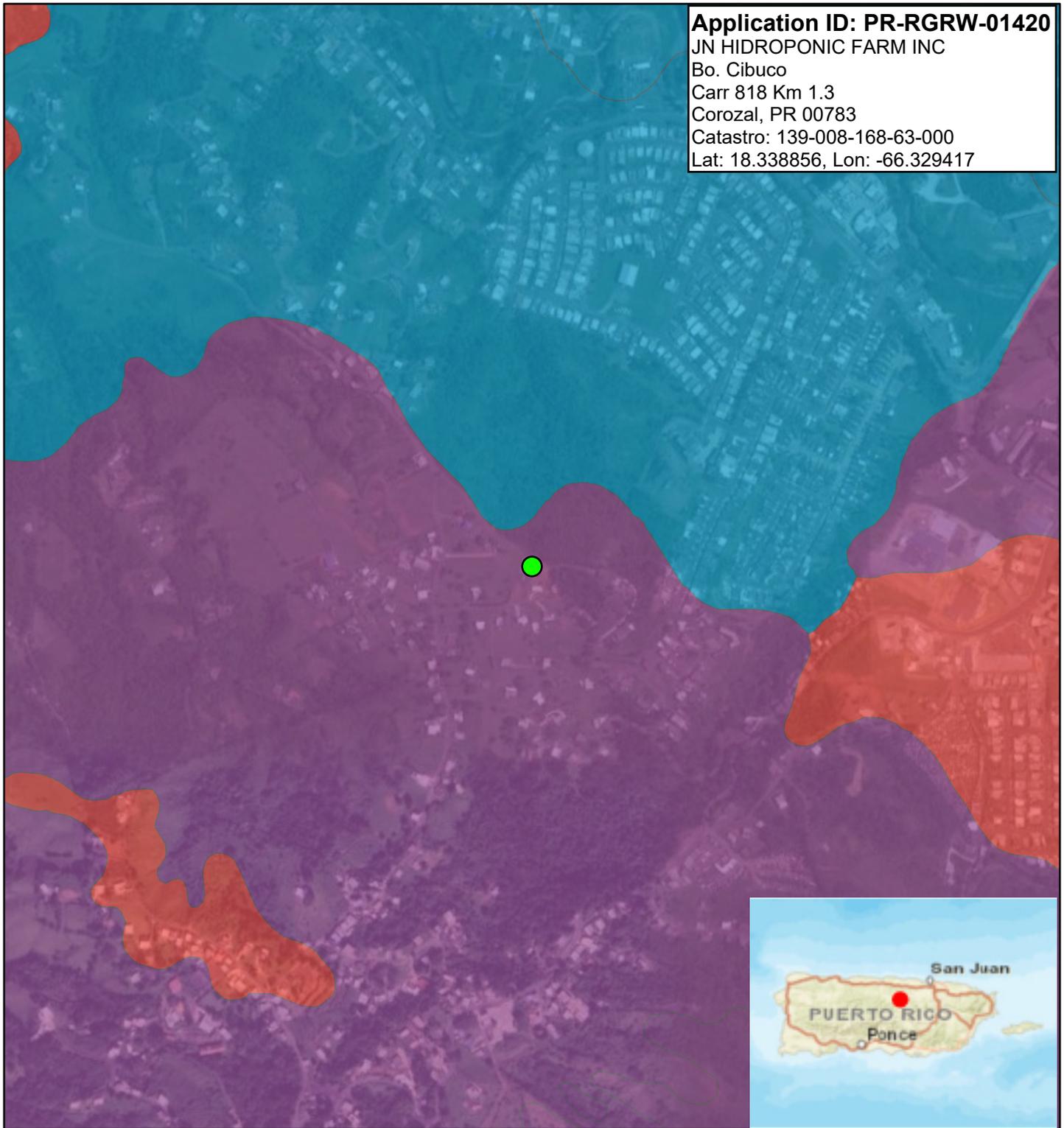
Critical Habitat for Threatened & Endangered Species

-  Final
-  Proposed
-  USFWS Critical Habitat - Final
-  PR-RGRW-01420



Source

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

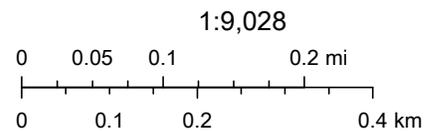


Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417

8/30/2023, 4:07:42 PM

Farmland Protection

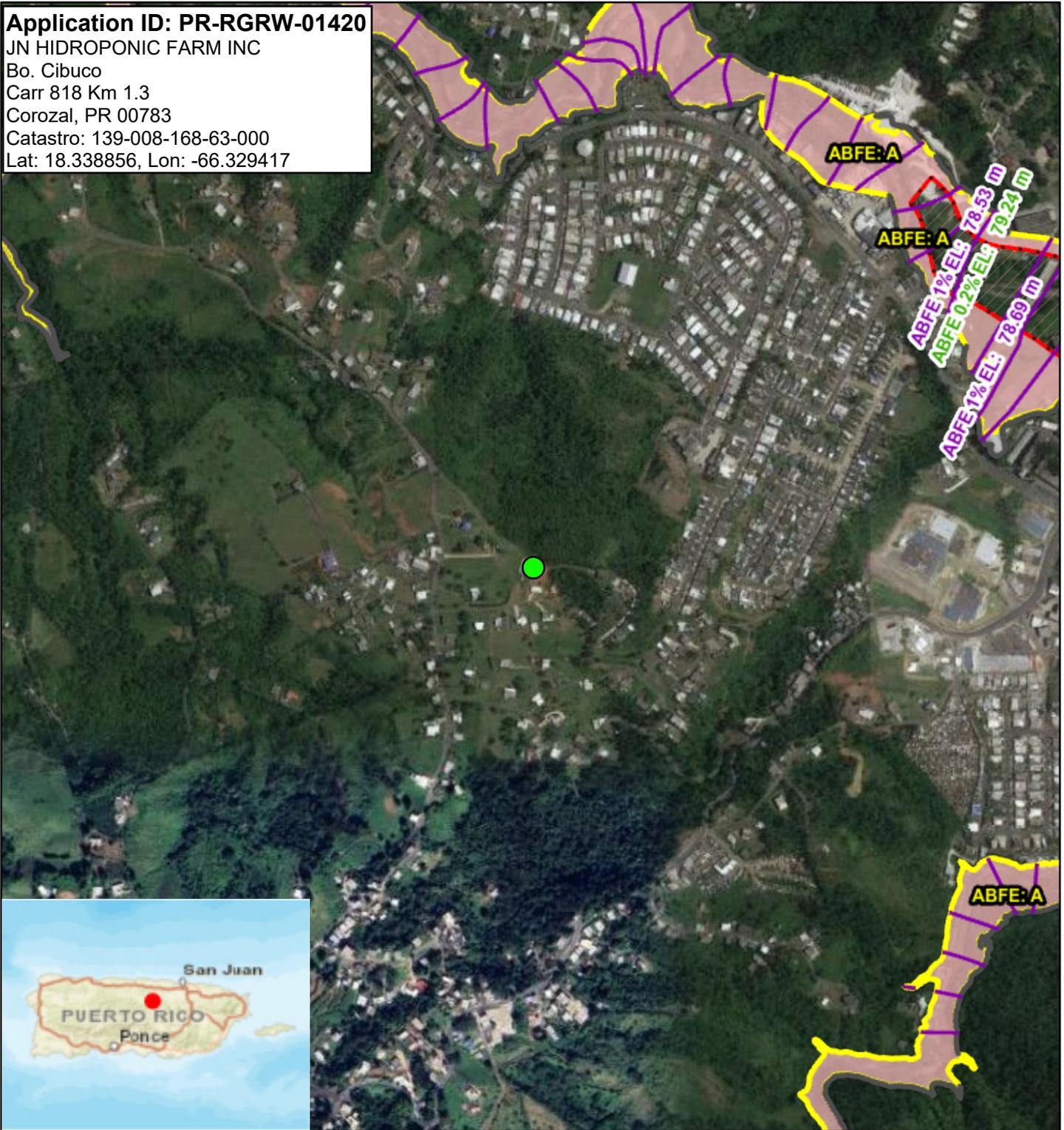
- All areas are prime farmland
- Farmland of statewide importance
- Not prime farmland
- PR-RGRW-01420



Source

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

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417



8/30/2023, 3:28:29 PM

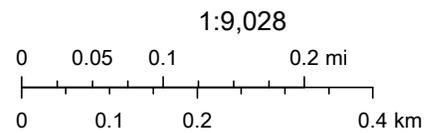
Flood Hazard Zone

- A
- X 0.2% Annual Chance Flood
- A-Floodway
- Zone/BFE Boundary

Flood Hazard Extent

- 1% Annual Chance Flood

PR-RGRW-01420

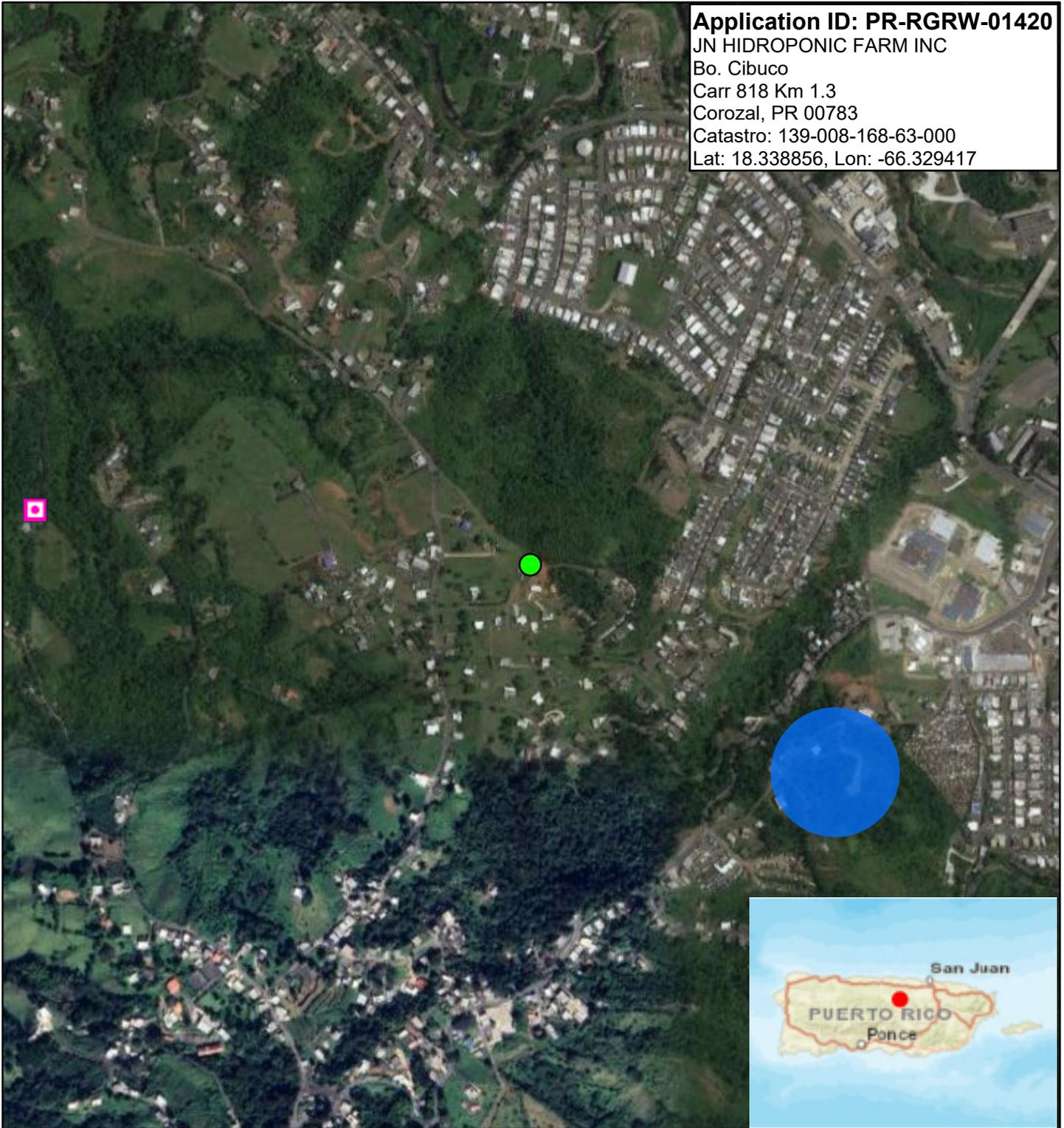


Source

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

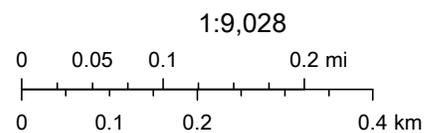
PR-RGRW-01420 Historic Preservation

Application ID: PR-RGRW-01420
JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417



8/30/2023, 4:08:56 PM

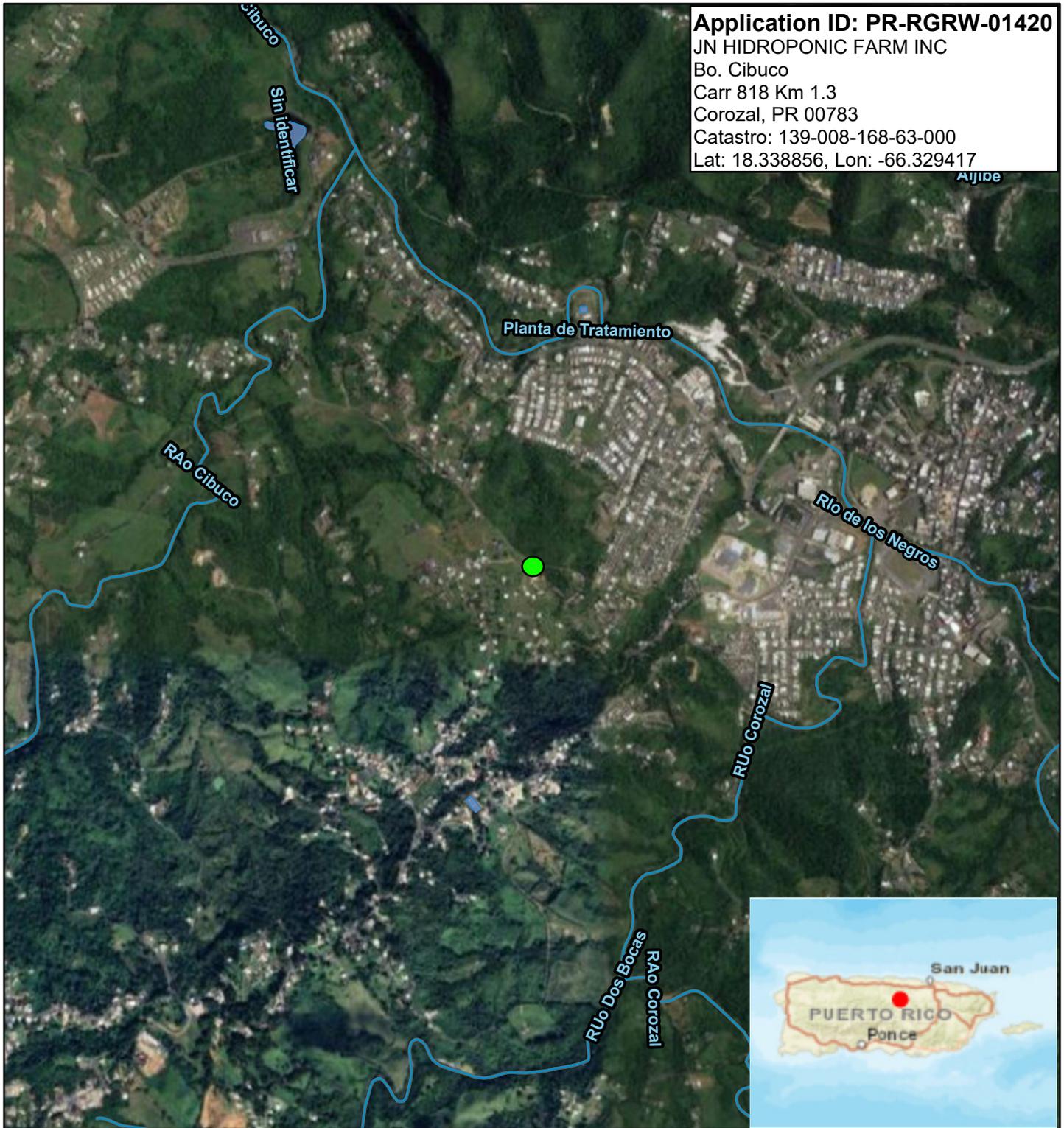
-  Cultural_Resources - Cultural Value Places
-  Cultural_Resources - Archeological Resources
-  PR-RGRW-01420



Source

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

PR-RGRW-01420 Wetlands

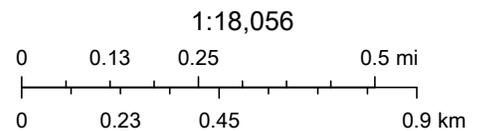


Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417

8/30/2023, 4:10:31 PM

WETLANDS - National Wetlands Inventory

- Freshwater Pond
- Riverine
- Hidrografia - Oficina Plan de Agua
- PR-RGRW-01420



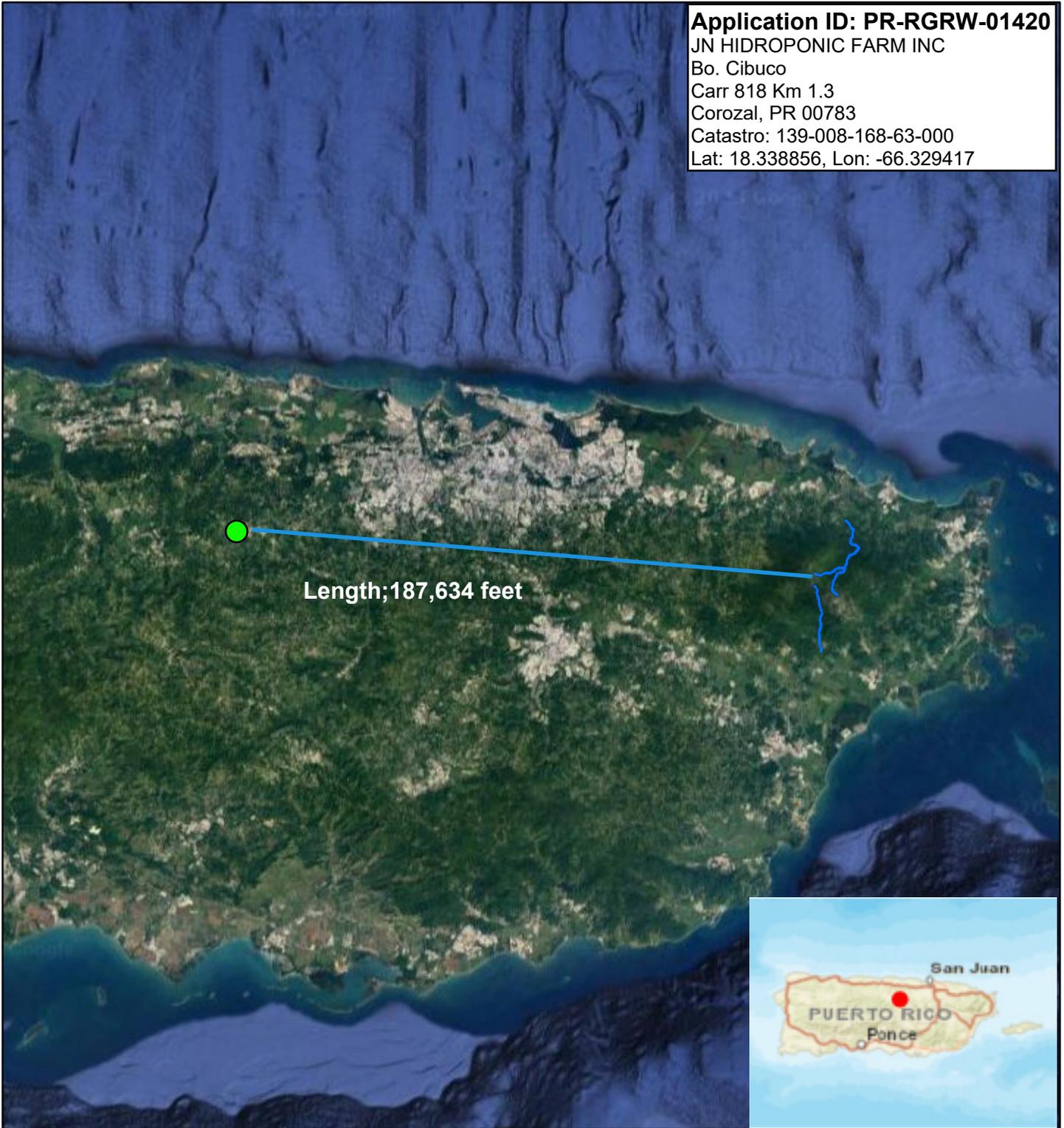
Source

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

Figure 12

PR-RGRW-01420 Wild and Scenic River

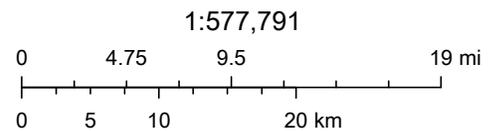
Application ID: PR-RGRW-01420
JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417



8/30/2023, 4:12:06 PM

 National Wild and Scenic River Line

 PR-RGRW-01420



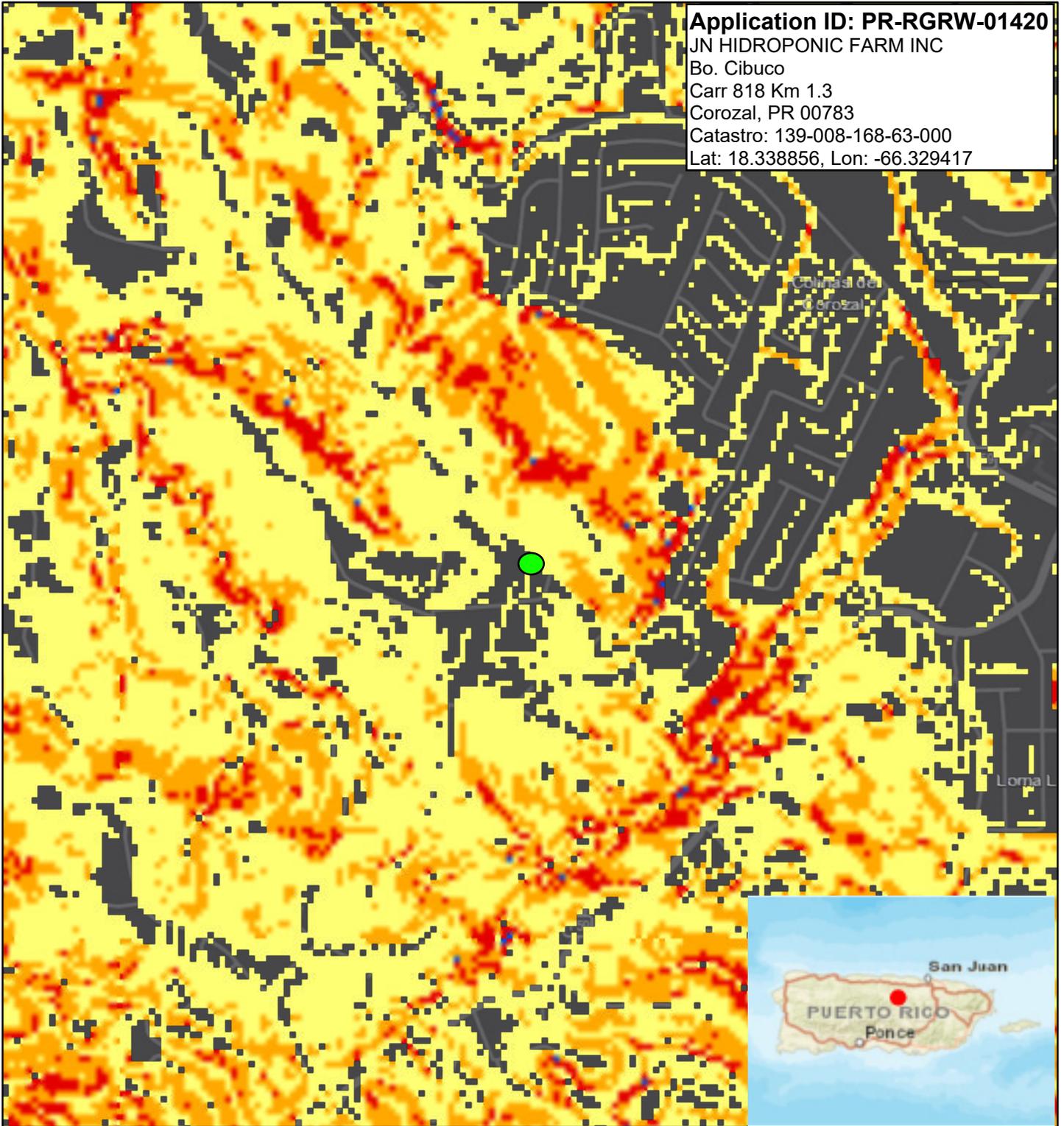
Source

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

»
S

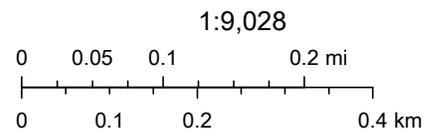
PR-RGRW-01420 Landslide

Application ID: PR-RGRW-01420
 JN HIDROPONIC FARM INC
 Bo. Cibuco
 Carr 818 Km 1.3
 Corozal, PR 00783
 Catastro: 139-008-168-63-000
 Lat: 18.338856, Lon: -66.329417



30/8/2023, 16:12:23

- Landslide Susceptibility**
- High
 - Very High
 - Extremely High
 - Moderate
 - PR-RGRW-01420



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

Appendix 1



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

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

August 4, 2023

Lauren Bair Poche

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

SHPO: 07-24-23-03 PUERTO RICO DISASTER RECOVERY, CDBG-DR RE-GROW
PR URBAN-RURAL AGRICULTURAL RE-GROW PROGRAM, PR-RGRW-01420,
JN HIDROPONIC FARM, INC., BO. CIBUCO, CARR. 818 KM 1.3, COROZAL, PUERTO RICO

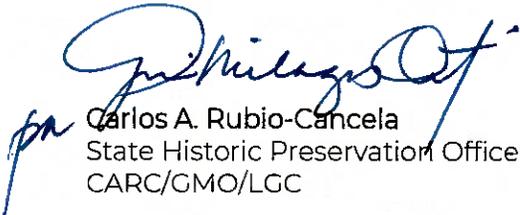
Dear Ms. Poche,

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

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

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

Sincerely,


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



July 24, 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-01420 – JN Hidroponic Farm, Inc. – Carr 818 KM 1.3 Barrio Cibuco, Corozal, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, we are submitting documentation for activities proposed by JN Hidroponic Farm, Inc. in Bo. Cibuco at Carr. 818 Km. 1.3 in the municipality of Corozal. The proposed activities of JN Hidroponic Farm, Inc. consist of the installation of a greenhouse and generator, plus a transit vehicle and tractor. The installation of a greenhouse will require ground disturbance. The greenhouse will be anchored to the ground with metal pipes with a diameter of 1 foot by 1 foot deep. The water needed for the greenhouse will be provided by an existing cistern that is supplied from a PRASA intake on the property. The power needed to operate the water pump will be provided by an existing PREPA/LUMA connection on the property. The power generator will be placed on an existing concrete slab covered with a zinc roof. A transfer switch panel for the generator will be installed in the structure which already has the required electric infrastructure. No ground disturbance will be required for the power generator installation.

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

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

Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: JN Hidroponic Farm, Inc.		
Case ID: PR-RGRW-01420		City: Corozal
Project Location: Bo. Cibuco Carr. 818 Km. 1.3		
Project Coordinates: 18.338856 -66.329417		
TPID (Número de Catastro): 139-008-168-63-000		
Type of Undertaking: <input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction		
Construction Date (AH est.): n/a		Property Size (acres): 0.38
SOI-Qualified Archaeologist: Jaqueline López Meléndez		
Date Reviewed: June 11, 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-01420, consist of installation of a greenhouse and generator, plus a transit vehicle and tractor. The installation of a greenhouse will require ground disturbance. The greenhouse will be anchored to the ground with metal pipes with a diameter of 1 foot by 1 foot deep. The water needed for the greenhouse will be provided by an existing cistern that is supplied from a PRASA intake on the property. The power needed to operate the water pump will be provided by an existing PREPA/LUMA connection on the property. The power generator will be placed on an existing concrete slab covered with a zinc roof. A transfer switch panel for the generator will be installed in the structure which already has the required electric infrastructure. No ground disturbance will be required for the power generator installation. The project area is located at PR-818 km. 1.3 within the Municipality of Corozal. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 20 years.

Area of Potential Effects

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: JN Hidroponic Farm, Inc.	
Case ID: PR-RGRW-01420	City: Corozal

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 within a half-mile (0.50 miles) radius of the project location. The nearest cultural resource is the Museo de la Barbería (CZ0200002), located 0.80 miles northeast. The proposed project is located in Corozal, at an elevation of 492 feet above sea level. Per the USGS/NRCS Web Soil Survey, the project area within mapped soil series: Mucara. The project area APE is in MxF. The closest freshwater source is De los Negros River, located 0.51 miles northeast, Dos Bocas River, located 0.57 miles southeast and Cibuco river located 0.63 miles northwest of the project area. The north coast is approximately 9.90 miles north from the project area.

There are four (4) archaeological studies within a 0.50-miles radius of the proposed project area, all of them with negative results (see table).

The project area does not have cultural resources that are listed either on the National Register of Historic Places (NRHP) or in a Traditional Urban Center or Historic District. On May 27, 2023, we visually inspected the project area. The property has a flat topography. Visibility is poor. The surface is covered with vegetation. It consists of grasses. The soil in the area has been classified as Mucara clay, 40 to 60 percent slopes (MxF). This soil is moderately deep, very steep and well drained. It is on the side slopes and ridgetops of humid volcanic uplands. The permeability is moderate, and the available water capacity is low. Runoff is rapid. Natural fertility is medium. Slope and the depth to rock are main limitations of this soil for nonfarm development.

Determination

No historic properties were identified within the APE.

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-01420 is located. The closest freshwater body is approximately 0.51 miles northeast of the project area. The construction of public roads and agricultural infrastructure has minimally impacted the surrounding terrain. Therefore, no impact to cultural properties is anticipated for this reconstruction project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Applicant: JN Hidroponic Farm, Inc.	
Case ID: PR-RGRW-01420	City: Corozal

Recommendation (Please keep on same page as SHPO Staff Section)

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): To have the gate installed outside the ROW of the train alignment.
- Adverse Effect
 - Proposed Resolution (if applicable)

This Section is to be Completed by SHPO Staff Only

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: JN Hidroponic Farm, Inc.		
Case ID: PR-RGRW-01420	City: Corozal	

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)
Museo de la Barbería	CZ0200002	CZ-10	0.80 mi NE	20 th Century structure	No data

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

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Jaqueline López Meléndez	IA-IB/ Mejoras al sistema de agua potable de la zona Norte y Urbana del Municipio de Corozal	1995	ICP/CAT-CZ-95-02-04	Negative	0.08 mi W
Juan González	IA-IB/ Desarrollo de solares residenciales	1996	ICP/CAT-CZ-96-02-05	Negative	0.44 mi NW
Iván Méndez	IA-IB/ Construcción Colinas de Corozal	1989	ICP/CAT-CZ-89-01-02	Negative	0.32 mi NE
Miguel Rodríguez	IA-IB/ Viviendas Alturas del Cibuco	1979	SHPO: 11-08-79-01	Negative	0.34 mi NE



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Project (PR-RGRW-01420) Location – Area of Potential Effect Map (Aerial)



Application ID: PR-RGRW-01420

JN HIDROPONIC FARM INC

Bo. Cibuco

Carr 818 Km 1.3

Corozal, PR 00783

Catastro: 139-008-168-63-000

Lat: 18.338856, Lon: -66.329417

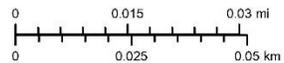
Area of Potential Effect

Puerto Rico Department of Housing ReGrow



Legend

-  PR-RGRW-01420 Applicant Structure
-  Area of Potential Effect
-  PR-RGRW-01420 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/odprpc/>



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Project (PR-RGRW-01420) Location - Aerial Map

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

Corol. Borneo 1 Suite J-3, Calle Ponce 554, Arroyo, San Juan, PR, 00983 TEL:787193-0290

Application ID: PR-RGRW-01420

JN HIDROPONIC FARM INC

Bo. Cibuco

Carr 818 Km 1.3

Corozal, PR 00783

Catastro: 139-008-168-63-000

Lat: 18.338856, Lon: -66.329417

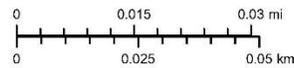
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01420
- PR-RGRW-01420 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/odprpc/>



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Project (PR-RGRW-01420) Location - USGS Topographic Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corozal, San Juan, P.R. 00920 Tel: (787) 7783-0200

Application ID: PR-RGRW-01420

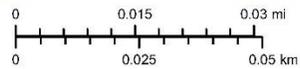
JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417

Location: USGS Topographic Map
Puerto Rico Department of Housing ReGrow



Legend

-  PR-RGRW-01420
-  PR-RGRW-01420 Parcel
- Contour Interval 20 Feet



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



Source

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



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Project (PR-RGRW-01420) Location – Soils Map



Application ID: PR-RGRW-01420

JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417

Soils Map

Puerto Rico Department of Housing ReGrow

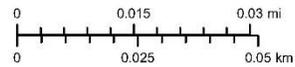


Legend

- PR-RGRW-01420
- PR-RGRW-01420 Parcel
- Soil Map Unit Symbol

Soil Map Unit Symbol

- HIE - Humatas clay, 20 to 40 percent slopes
- MxF - Mucara clay, 40 to 60 percent slopes



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



Source

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



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Project (PR-RGRW-01420) Location with Previous Investigations - Aerial Map

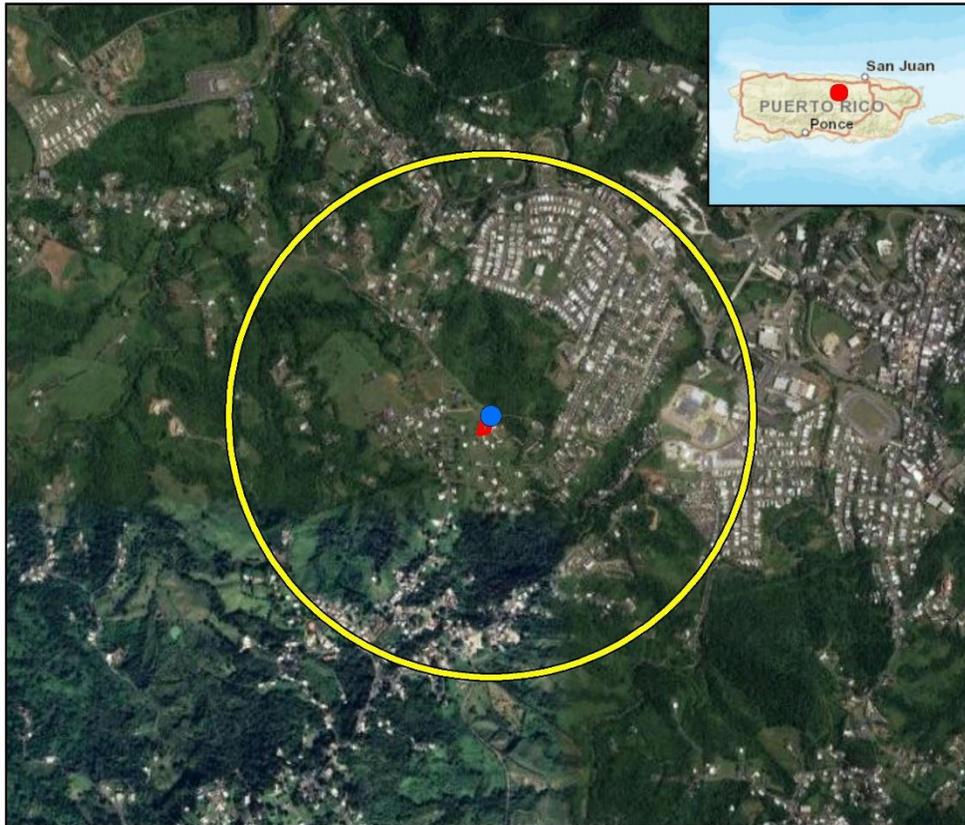
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
©2017, Benito Y. Sulte, J.D., Calle Pinarso 504, Alamo, San Juan, PR, 00920 Tel: (787)793-0250

Application ID: PR-RGRW-01420

JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417

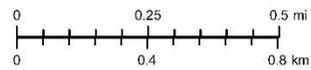
Previous Investigations: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01420
- PR-RGRW-01420 Parcel
- 0.50 Mile (0.80 km) Buffer



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, Incentiv 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

Project (PR-RGRW-01420) Location with Previous Investigations - Topographic Map

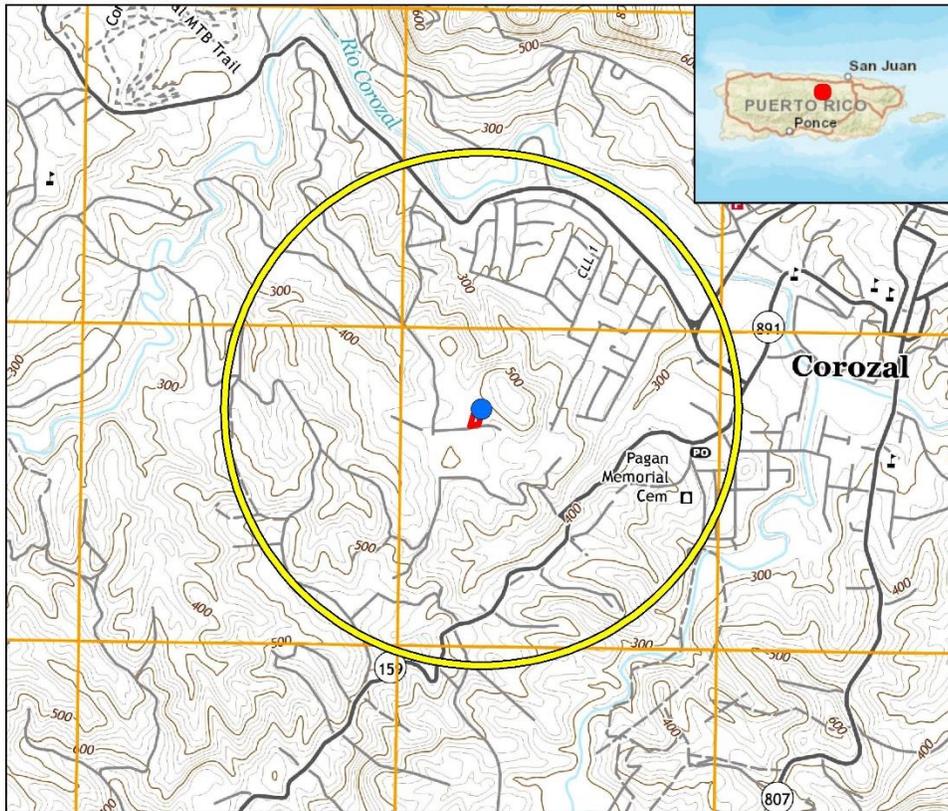
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Christ. Berria 1 Suite 2-5, Calle Perales 654, Arterriba, San Juan, PR, 00920 TEL: (787) 763-0292

Application ID: PR-RGRW-01420

JN HIDROPONIC FARM INC
Bo. Cibuco
Carr 818 Km 1.3
Corozal, PR 00783
Catastro: 139-008-168-63-000
Lat: 18.338856, Lon: -66.329417

Previous Investigations: USGS Topographic Map

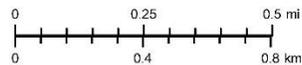
Puerto Rico Department of Housing ReGrow



Legend

- PR-RGRW-01420
- PR-RGRW-01420 Parcel
- 0.50 Mile (0.80 km) Buffer

Contour Interval 20 Feet



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



Source

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

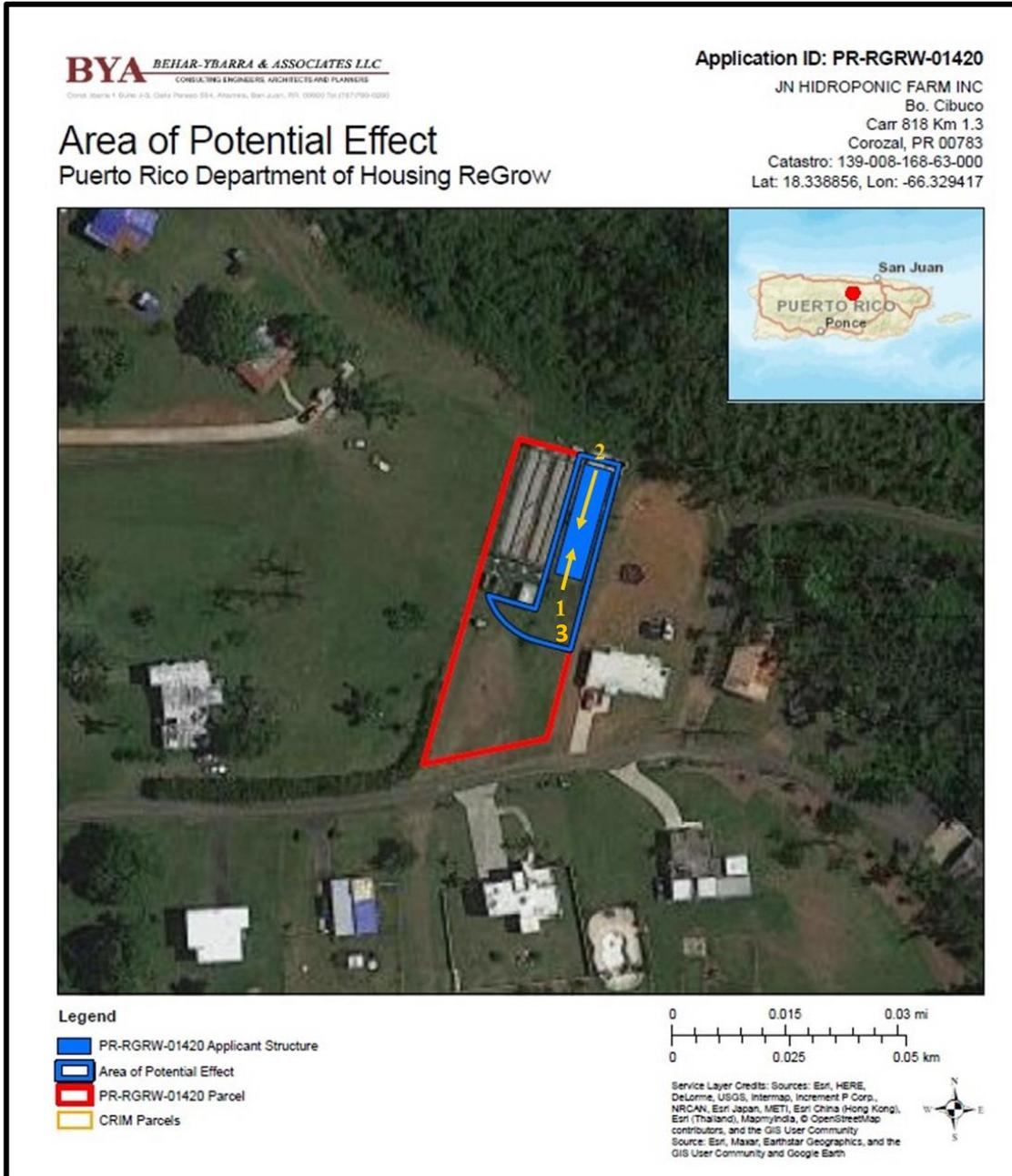


Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal

Photograph Key



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal



Photo #: 1

Description (include direction): Area where the greenhouse will be installed, looking northeast.

Date: May 27, 2023



Photo #: 2

Description (include direction): Area where the greenhouse will be installed, looking southwest.

Date: May 27, 2023

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

REGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



Applicant: JN Hidroponic Farm, Inc.

Case ID: PR-RGRW-01420

City: Corozal



Photo #: 3

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

Date: May 27, 2023



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT

Appendix 2



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

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

Data is current as of March 31, 2023

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

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

Change the State:

Important Notes

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

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11121314151617181920212223	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	181920212223	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	181920212223	//		Part	52,441	72/137

Important Notes

Appendix 3

Detailed Facility Report



Detailed Facility Report

Facility Summary

NEGROS-COROZAL FILTRATION PLANT

PR-159 KM 11.5, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110009814996

EPA Region: 02

Latitude: 18.332174

Longitude: -66.331003

Locational Data Source: NPDES

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
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)	--
Statute	CWA
Compliance Monitoring Activities (5 years)	2
Date of Last Compliance Monitoring Activity	10/10/2019
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	9
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): Minor, Permit Admin Continued (PR0022624)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Detailed Facility Report



Detailed Facility Report

Facility Summary

COROZAL PROFESSIONAL DRY CLEANERS

PR-159 KM 13.4 LOMA LINDA, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110007175591

EPA Region: 02

Latitude: 18.33517

Longitude: -66.32247

Locational Data Source: FRS

Industries: Personal and Laundry Services

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	08/07/2018
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Permanently Closed Minor
(PR0000007204700010)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007175591					N	18.33517	-66.32247
ICIS-Air	CAA	PR0000007204700010	Minor Emissions	Permanently Closed			N	18.335167	-66.322472

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007175591	COROZAL PROFESSIONAL DRY CLEANERS	PR-159 KM 13.4 LOMA LINDA, COROZAL, PR 00783	Corozal Municipio
ICIS-Air	CAA	PR0000007204700010	ORTIZ DRY CLEANERS (ANTES COROZAL PROFESSIONAL)	ROAD 159 KM 13.4 LOMA LINDA, COROZAL, PR 00783	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007204700010	7216	Drycleaning Plants, Except Rug

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007204700010	812320	Drycleaning and Laundry Services (except Coin-Operated)

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PR0000007204700010	No	08/26/2023	0	08/25/2023

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+
CAA	(Source ID: PR0000007204700010)	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
	Facility-Level Status	No Violation Identified											
	HPV History												
	Violation Type	Agency	Programs	Pollutants									

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	PR0000007204700010	Notice of Violation	State	01/09/2019

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

[DMR and TRI Multi-Year Loading Report](#)

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

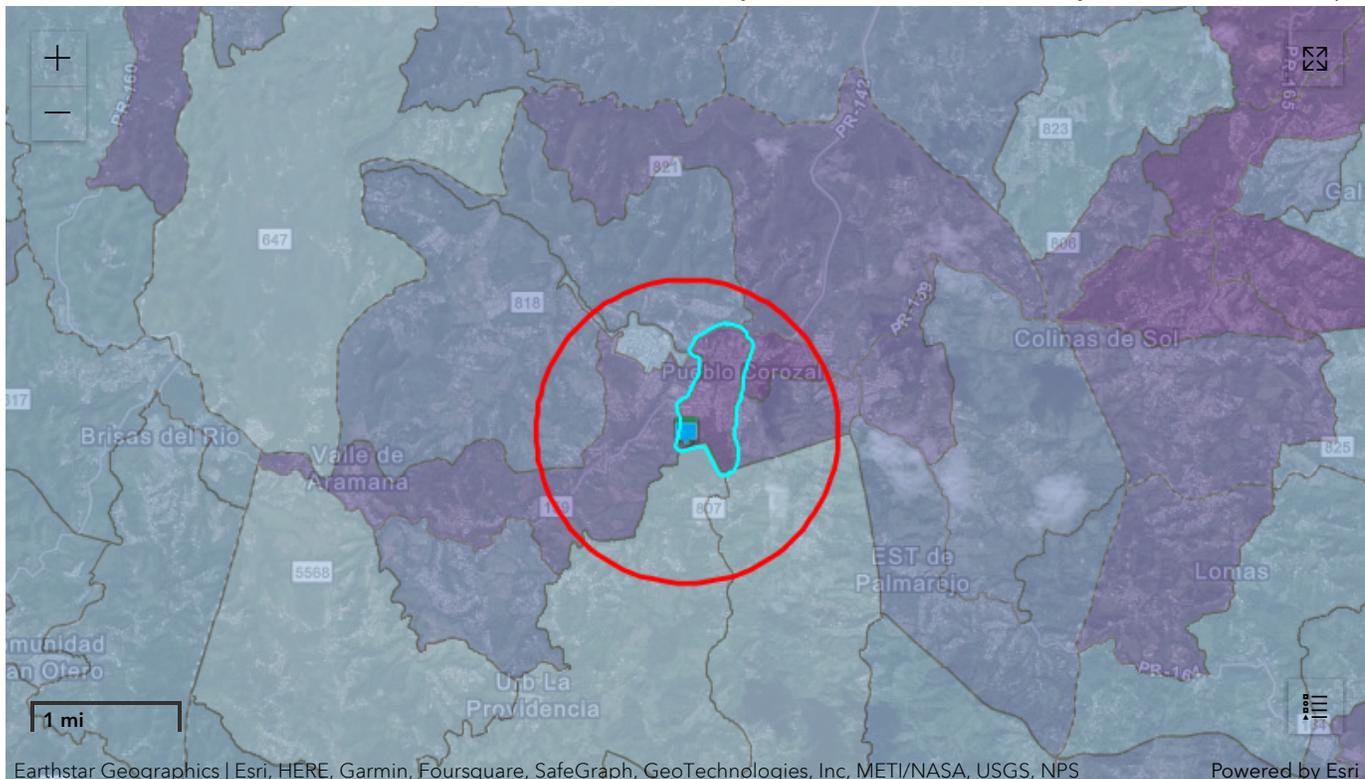
Related Reports

[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475303002	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	8	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	24	27
Air Toxics Cancer Risk	38	38
Air Toxics Respiratory Hazard Index	40	40
Toxic Releases to Air	📍 99	📍 99
Traffic Proximity	📍 99	📍 99
Lead Paint	📍 98	📍 99
Risk Management Plan (RMP) Facility Proximity	📍 99	📍 99
Hazardous Waste Proximity	📍 84	📍 84
Superfund Proximity	📍 99	📍 99
Underground Storage Tanks (UST)	📍 99	📍 99
Wastewater Discharge	📍 99	📍 99

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	8,048
Population Density	2,598/sq.mi.
Housing Units in Area	3,287

General Statistics (ACS (American Community Survey))	
Total Persons	7,180
Percent People of Color	99%
Households in Area	2,266
Households on Public Assistance	136
Persons With Low Income	5,907
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.33517
Center Longitude	-66.32247
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,032 (45.52%)
\$15,000 - \$25,000	485 (21.39%)
\$25,000 - \$50,000	454 (20.03%)
\$50,000 - \$75,000	228 (10.06%)
Greater than \$75,000	68 (3%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	502 (6%)
Minors 17 years and younger	1,971 (24%)
Adults 18 years and older	6,077 (76%)
Seniors 65 years and older	1,274 (16%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,962 (87%)
African-American	429 (5%)
Hispanic-Origin	7,999 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	16 (0%)
Other/Multiracial	628 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	911 (18.23%)
9th through 12th Grade	576 (11.53%)
High School Diploma	1,439 (28.8%)
Some College/2-year	619 (12.39%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	955 (19.11%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)



Detailed Facility Report

Facility Summary

PR IND DEV CO FOMENTO T-0133-0-52

PR-159 KM 13.5, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110007821526

EPA Region: 02

Latitude: 18.338002

Longitude: -66.322672

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	03/16/2000
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRR000009852)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Facility/System Characteristics

Facility NAICS (North American Industry Classification System) Codes

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

No data records returned

Facility Tribe Information

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

No data records returned

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007821526					N	18.338002	-66.322672
RCRAInfo	RCRA	PRR000009852	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007821526	PR IND DEV CO FOMENTO T-0133-0-52	PR-159 KM 13.5, COROZAL, PR 00783	Corozal Municipio
RCRAInfo	RCRA	PRR000009852	PR IND DEV CO FOMENTO T-0133-0-52	RD PR 159 KM 13.5, COROZAL, PR 00783	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000009852	No	08/26/2023	0	08/25/2023

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: PRR000009852)	10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-06 /30/23	07/01-09 /30/23
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

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

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

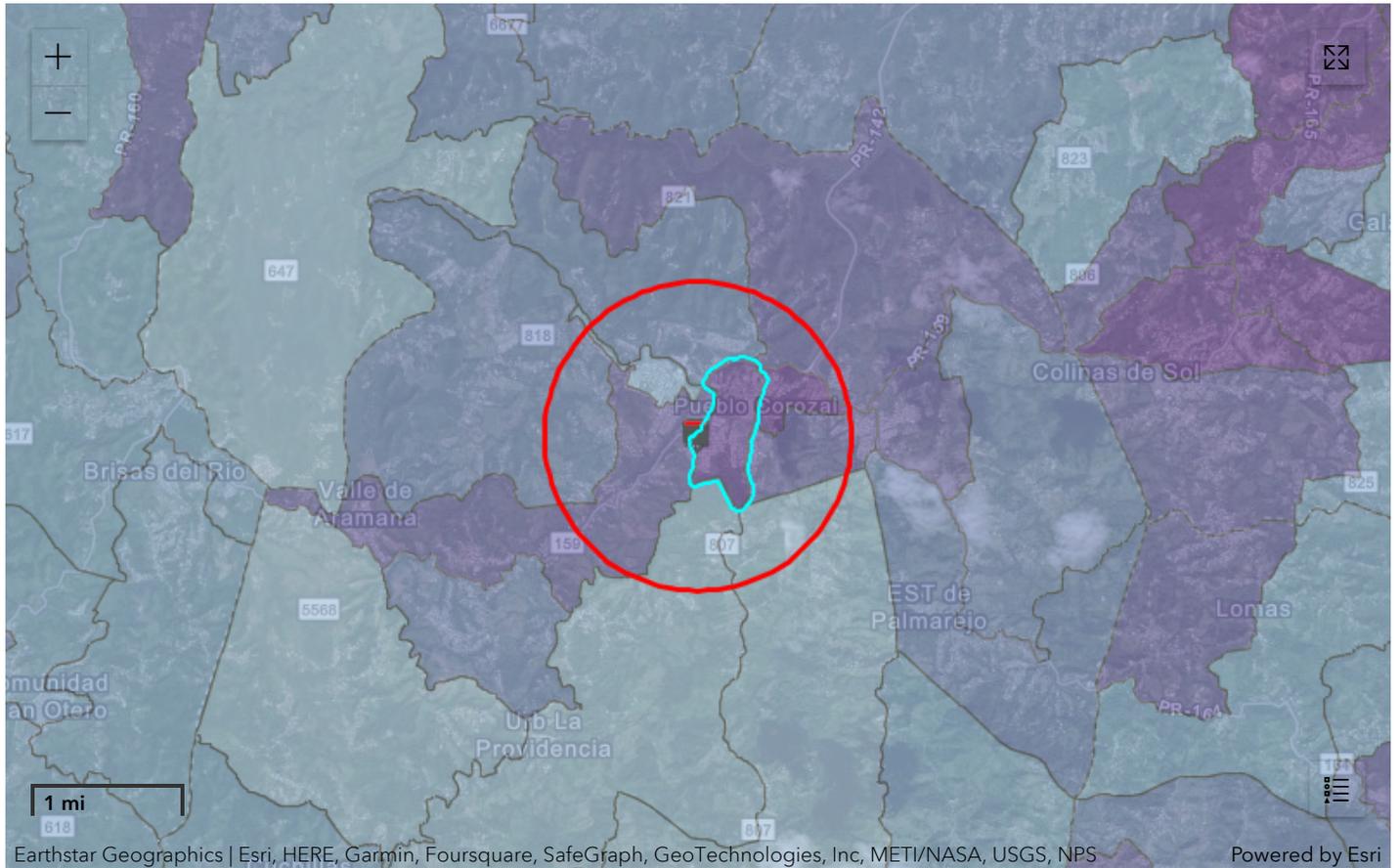
[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475303002	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	8	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	24	27
Air Toxics Cancer Risk	38	38

Census Block Group ID: 720475303002	US (Percentile)	
Air Toxics Respiratory Hazard Index	40	40
Toxic Releases to Air	99	99
Traffic Proximity	99	99
Lead Paint	98	99
Risk Management Plan (RMP) Facility Proximity	99	99
Hazardous Waste Proximity	84	84
Superfund Proximity	99	99
Underground Storage Tanks (UST)	99	99
Wastewater Discharge	99	99

○ Facility 1-mile Radius
 □ Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	8,266
Population Density	2,588/sq.mi.
Housing Units in Area	3,369

General Statistics (ACS (American Community Survey))	
Total Persons	7,273
Percent People of Color	99%
Households in Area	2,288
Households on Public Assistance	140

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	519 (6%)
Minors 17 years and younger	2,039 (25%)
Adults 18 years and older	6,227 (75%)
Seniors 65 years and older	1,305 (16%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,141 (86%)
African-American	445 (5%)
Hispanic-Origin	8,216 (99%)

General Statistics (ACS (American Community Survey))	
Persons With Low Income	5,940
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.338002
Center Longitude	-66.322672
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,051 (45.86%)
\$15,000 - \$25,000	484 (21.12%)
\$25,000 - \$50,000	454 (19.81%)
\$50,000 - \$75,000	234 (10.21%)
Greater than \$75,000	69 (3.01%)

Race Breakdown (U.S. Census) - Persons (%)	
Asian/Pacific Islander	13 (0%)
American Indian	17 (0%)
Other/Multiracial	650 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	911 (18.06%)
9th through 12th Grade	591 (11.72%)
High School Diploma	1,453 (28.81%)
Some College/2-year	607 (12.03%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	975 (19.33%)



Detailed Facility Report

Facility Summary

FARMACIA MARCE

CARR 818 KM 0.1, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110071140127

EPA Region: 02

Latitude: 18.341535

Longitude: -66.32322

Locational Data Source: RCRAINFO

Industries: Health and Personal Care Stores

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, (PRR000027482)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Facility/System Characteristics

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000027482	446110	Pharmacies and Drug Stores

Facility Tribe Information

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

No data records returned

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071140127					N	18.341535	-66.32322
RCRAInfo	RCRA	PRR000027482	VSQG	Active (H)			N	18.341535	-66.32322

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071140127	FARMACIA MARCE	CARR 818 KM 0.1, COROZAL, PR 00783	Corozal Municipio
RCRAInfo	RCRA	PRR000027482	FARMACIA MARCE	CARR 818 KM 0.1, COROZAL, PR 00783	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years ▾

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

No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000027482	No	08/26/2023	0	08/25/2023

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: PRR000027482)	10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-06 /30/23	07/01-09 /30/23
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years ▾

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

No data records returned

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

Formal Enforcement Actions Last 5 Years ▾

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

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

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

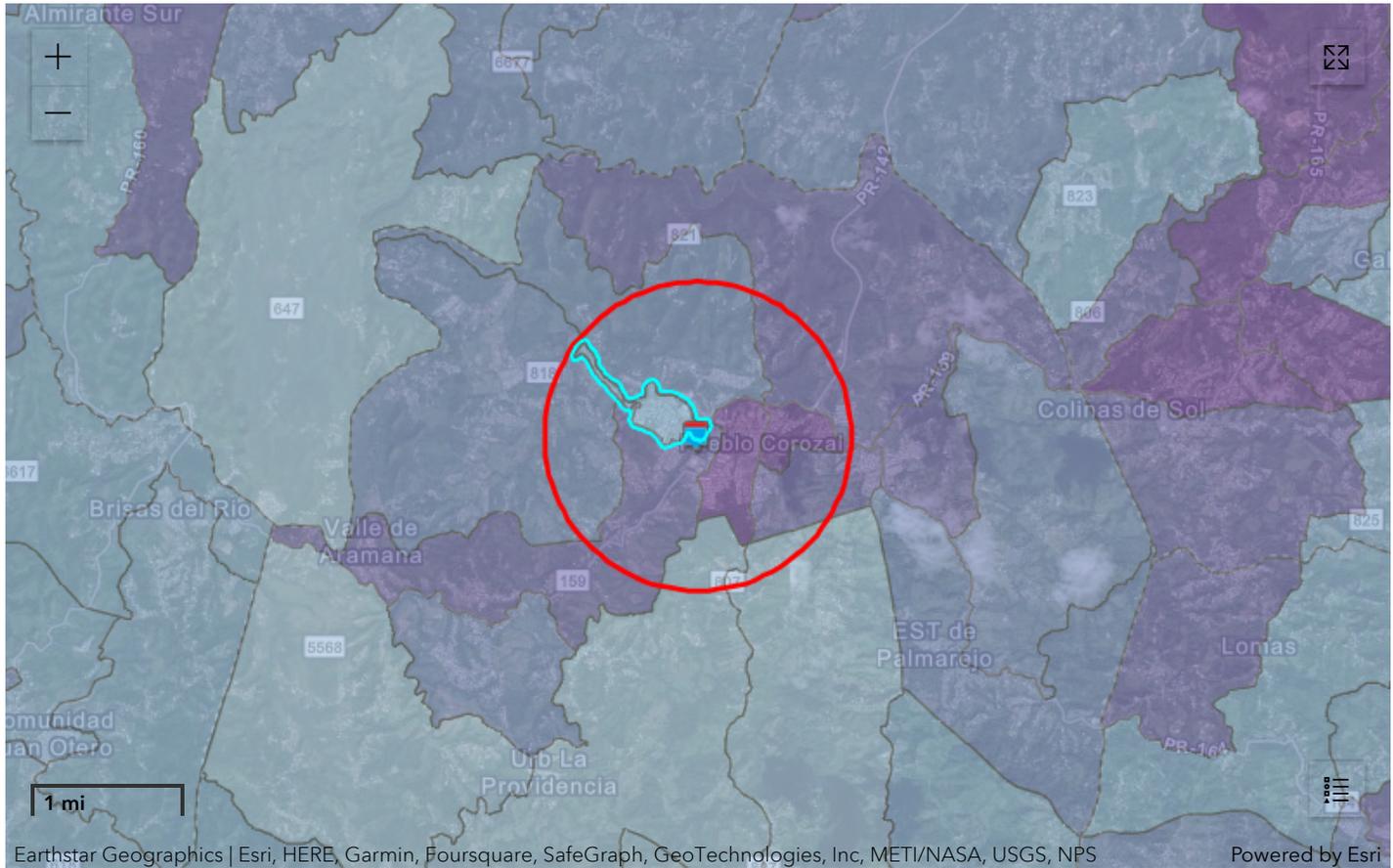
[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475302003	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	5	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	14	27
Air Toxics Cancer Risk	36	38

Census Block Group ID: 720475302003	US (Percentile)	
Air Toxics Respiratory Hazard Index	36	40
Toxic Releases to Air	99	99
Traffic Proximity	93	99
Lead Paint	0	99
Risk Management Plan (RMP) Facility Proximity	99	99
Hazardous Waste Proximity	79	84
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	99
Wastewater Discharge	98	99

Facility 1-mile Radius
 Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	7,976
Population Density	2,604/sq.mi.
Housing Units in Area	3,264

General Statistics (ACS (American Community Survey))	
Total Persons	7,229
Percent People of Color	99%
Households in Area	2,269
Households on Public Assistance	148

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	512 (6%)
Minors 17 years and younger	1,978 (25%)
Adults 18 years and older	5,998 (75%)
Seniors 65 years and older	1,257 (16%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,878 (86%)
African-American	438 (5%)
Hispanic-Origin	7,926 (99%)

General Statistics (ACS (American Community Survey))	
Persons With Low Income	5,854
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.341535
Center Longitude	-66.32322
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,049 (46.25%)
\$15,000 - \$25,000	473 (20.86%)
\$25,000 - \$50,000	442 (19.49%)
\$50,000 - \$75,000	232 (10.23%)
Greater than \$75,000	72 (3.17%)

Race Breakdown (U.S. Census) - Persons (%)	
Asian/Pacific Islander	13 (0%)
American Indian	15 (0%)
Other/Multiracial	633 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	884 (17.78%)
9th through 12th Grade	601 (12.09%)
High School Diploma	1,431 (28.78%)
Some College/2-year	576 (11.58%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	978 (19.67%)

Detailed Facility Report



Detailed Facility Report

Facility Summary

TRANSPORTE SONNELL

CARR. #818 KM 0.4, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110070688174

EPA Region: 02

Latitude: 18.343581

Longitude: -66.324671

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	Significant/Category I Noncompliance
Qtrs in Noncompliance (of 12)	9
Qtrs with Significant Violation	9
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): Minor, Permit Effective (PRR05J00P)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070688174					N	18.343581	-66.324671
ICIS-NPDES	CWA	PRR05J00P	Minor: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.343581	-66.324671

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070688174	TRANSPORTE SONNELL	CARR. #818 KM 0.4, COROZAL, PR 00783	
ICIS-NPDES	CWA	PRR05J00P	TRANSPORTE SONNELL	CARR. #818 KM 0.4, COROZAL, PR 00783	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRR05J00P	4173	Bus Terminal And Service Facilities

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR05J00P	Yes	03/31/2023	9	08/25/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant /Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRR05J00P)		04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-08/25/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	Significant/Category 1 Noncompliance	Undetermined								
	Quarterly Noncompliance Report History				Failure to Report DMR - Not Received									
	Late or Missing Discharge Monitoring Report (DMR) Measurements													
	Counts of Missing DMR Measurements			5					4					

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?
210100020101	Rio Corozal	RIO CIBUCO	No	No	Enterococci	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRNR9D	RIO DE LOS NEGROS	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 in Pounds per Year at Site

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

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

Chemical Name
No data records returned

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

[DMR and TRI Multi-Year Loading Report](#)

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: 720475302003	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	14	27
Air Toxics Cancer Risk	36	38
Air Toxics Respiratory Hazard Index	36	40
Toxic Releases to Air	99	99
Traffic Proximity	93	99
Lead Paint	0	99
Risk Management Plan (RMP) Facility Proximity	99	99
Hazardous Waste Proximity	79	84
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	99
Wastewater Discharge	98	99

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	7,572
Population Density	2,448/sq.mi.
Housing Units in Area	3,097

General Statistics (ACS (American Community Survey))	
Total Persons	7,001
Percent People of Color	99%
Households in Area	2,190
Households on Public Assistance	149
Persons With Low Income	5,650
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.343581
Center Longitude	-66.324671
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,013 (46.28%)
\$15,000 - \$25,000	455 (20.79%)
\$25,000 - \$50,000	422 (19.28%)
\$50,000 - \$75,000	226 (10.32%)
Greater than \$75,000	73 (3.33%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	504 (7%)
Minors 17 years and younger	1,899 (25%)
Adults 18 years and older	5,673 (75%)
Seniors 65 years and older	1,184 (16%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,529 (86%)
African-American	415 (5%)
Hispanic-Origin	7,525 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	14 (0%)
Other/Multiracial	603 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	829 (17.4%)
9th through 12th Grade	588 (12.34%)
High School Diploma	1,370 (28.76%)
Some College/2-year	545 (11.44%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	954 (20.03%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)



Detailed Facility Report

Facility Summary

TRANSPORTE SONNELL INC

CARR 818 KM 0.4 BO CIBUCO, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110031344668
EPA Region: 02
Latitude: 18.344816
Longitude: -66.32655
Locational Data Source: RCRAINFO
Industries: Transit and Ground Passenger Transportation
Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	09/19/2007
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, (PRR000020008)
Safe Drinking Water Act (SDWA): No Information
[Go To Enforcement/Compliance Details](#)
[Known Data Problems](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Facility/System Characteristics

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000020008	48541	School and Employee Bus Transportation

Facility Tribe Information

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

No data records returned

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031344668					N	18.344816	-66.32655
RCRAInfo	RCRA	PRR000020008	VSQG	Active (H)			N	18.344816	-66.32655

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031344668	TRANSPORTE SONNELL INC	CARR 818 KM 0.4 BO CIBUCO, COROZAL, PR 00783	Corozal Municipio
RCRAInfo	RCRA	PRR000020008	TRANSPORTE SONNELL INC	CARR 818 KM 0.4 BO CIBUCO, COROZAL, PR 00783	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000020008	No	08/26/2023	0	08/25/2023

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: PRR000020008)	10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-06 /30/23	07/01-09 /30/23
	Facility-Level Status	No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

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

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	<input checked="" type="radio"/> US	<input type="radio"/> State
Index Type	<input type="radio"/> Environmental Justice	<input checked="" type="radio"/> Supplemental

Related Reports

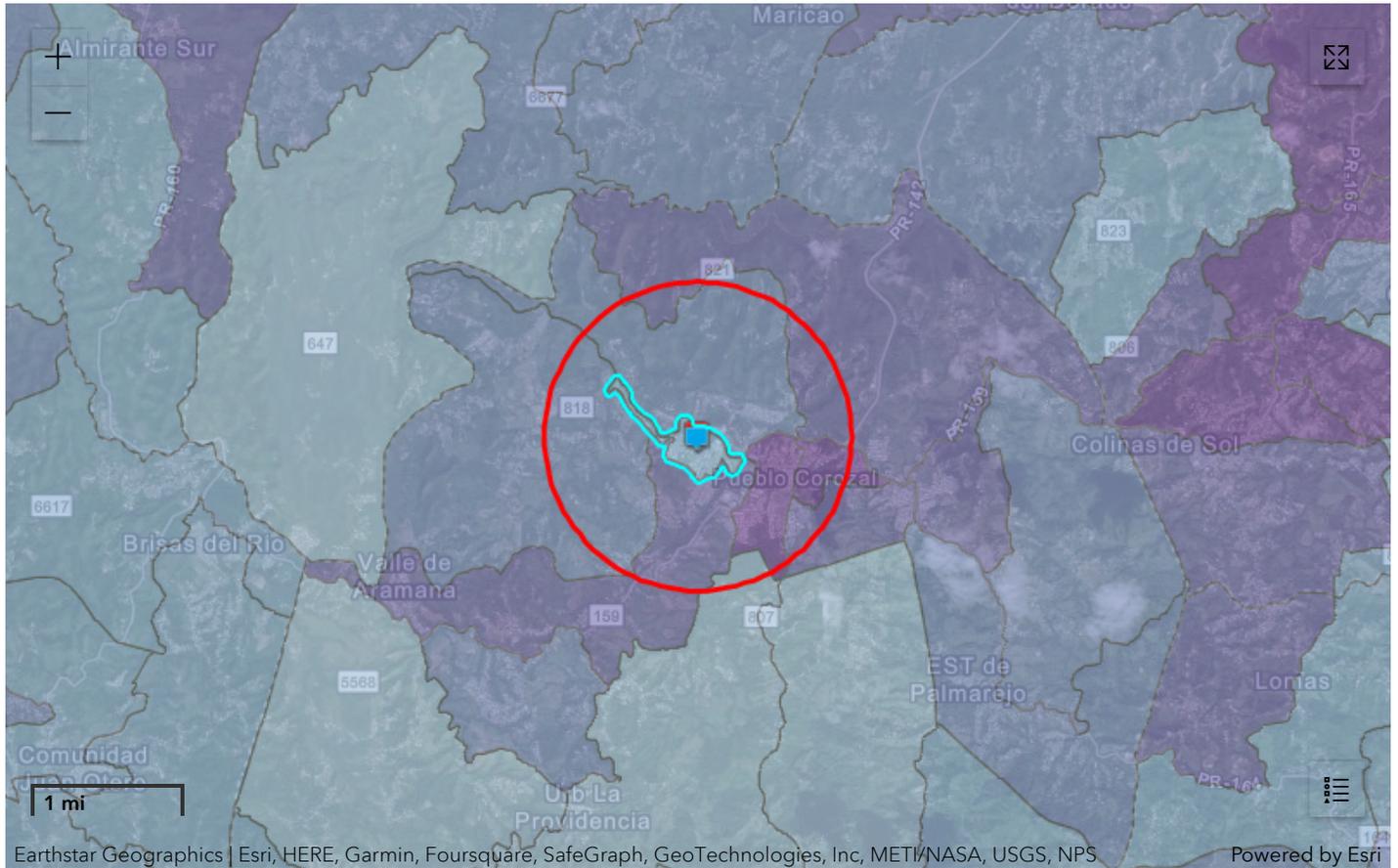
[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475302003	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	5	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	14	27
Air Toxics Cancer Risk	36	38

Census Block Group ID: 720475302003	US (Percentile)	
Air Toxics Respiratory Hazard Index	36	40
Toxic Releases to Air	99	99
Traffic Proximity	93	99
Lead Paint	0	99
Risk Management Plan (RMP) Facility Proximity	99	99
Hazardous Waste Proximity	79	84
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	99
Wastewater Discharge	98	99

○ Facility 1-mile Radius
 Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	7,336
Population Density	2,361/sq.mi.
Housing Units in Area	2,983

General Statistics (ACS (American Community Survey))	
Total Persons	6,546
Percent People of Color	99%
Households in Area	2,038
Households on Public Assistance	148

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	497 (7%)
Minors 17 years and younger	1,846 (25%)
Adults 18 years and older	5,491 (75%)
Seniors 65 years and older	1,125 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,326 (86%)
African-American	399 (5%)
Hispanic-Origin	7,291 (99%)

General Statistics (ACS (American Community Survey))

Persons With Low Income	5,276
Percent With Low Income	81%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.344816
Center Longitude	-66.32655
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	922 (45.33%)
\$15,000 - \$25,000	423 (20.8%)
\$25,000 - \$50,000	405 (19.91%)
\$50,000 - \$75,000	213 (10.47%)
Greater than \$75,000	71 (3.49%)

Race Breakdown (U.S. Census) - Persons (%)

Asian/Pacific Islander	12 (0%)
American Indian	14 (0%)
Other/Multiracial	586 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	731 (16.6%)
9th through 12th Grade	558 (12.67%)
High School Diploma	1,255 (28.5%)
Some College/2-year	502 (11.4%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	910 (20.66%)

Facility Summary

COROZAL STP

STATE ROAD 818 KM 0.9, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110006622690

EPA Region: 02

Latitude: 18.345556

Longitude: -66.327778

Locational Data Source: RMP

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
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)	--
Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	10/24/2019
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	4
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)	--
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

Other Regulatory Reports

Clean Air Act (CAA): No Information

Air Emissions Inventory (EIS): No Information

Clean Water Act (CWA): Major, Permit Effective (PR0020451)

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD000689455)

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

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

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006622690					N	18.345556	-66.327778
ICIS		2444567					N	18.345784	-66.319058
ICIS		44451					N	18.345784	-66.319058
ICIS		2655225					N	18.345784	-66.319058
RMP	CAA	100000123163		INACTIVE			N	18.345556	-66.327778
ICIS-NPDES	CWA	PR0020451	Major: NPDES Individual Permit	Effective	POTW, Pretreatment	08/31/2026	N	18.347778	-66.319444
RCRAInfo	RCRA	PRD000689455	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006622690	COROZAL STP	STATE ROAD 818 KM 0.9, COROZAL, PR 00783	Corozal Municipio
ICIS		2444567	PRASA COROZAL	STATE ROAD 818 KM 0.9, COROZAL, PR 00783	Corozal Municipio
ICIS		44451	COROZAL STP	STATE RD 818 KM 0.9, COROZAL, PR 00783	Corozal Municipio
ICIS		2655225	PRASA COROZAL STP	STATE RD 818, KM 0.9, COROZAL, PR 00643	Corozal Municipio
RMP	CAA	100000123163	COROZAL WASTEWATER TREATMENT PLANT	CARR. 818, KM 1.0, CORAZAL, PR 00783	Corozal Municipio
ICIS-NPDES	CWA	PR0020451	PRASA COROZAL WWTP	STATE ROAD NO 818, KM 0.9, COROZAL, PR 00643	Corozal Municipio
RCRAInfo	RCRA	PRD000689455	COROZAL STP	STATE RD 818 KM 0.9, COROZAL, PR 00643	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0020451	4952	Sewerage Systems

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000123163	22132	Sewage Treatment Facilities
RCRAInfo	PRD000689455	22132	Sewage Treatment Facilities

Facility Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	PR0020451	ICIS-NPDES	Offsite Record Review	Base Program - Desk Audit	EPA	04/18/2022	
CWA	PR0020451	ICIS-NPDES	Offsite Record Review	Base Program - Desk Audit	EPA	02/25/2021	
CWA	PR0020451	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	EPA	10/24/2019	
CWA	PR0020451	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	EPA	04/01/2019	
CWA	PR0020451	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance with Sampling	EPA	11/16/2018	

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PR0020451	No	03/31/2023	4	08/25/2023
RCRA	PRD000689455	No	08/26/2023	0	08/25/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PR0020451)					04/01-06 /30/20	07/01-09 /30/20	10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-08 /25/23
Facility-Level Status					Violation Identified	Violation Identified	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 Identified
Quarterly Noncompliance Report History					Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Resolved - Pending	Resolved - Pending								
	Pollutant	Disch Point	Mon Loc	Freq													
▶ CWA	Coliform, fecal - % samples exceeding limit	001 - A	Effluent Gross	NMth				400%									
▶ CWA	Coliform, fecal general	001 - A	Effluent Gross	NMth				LIMIT VIOLATION									
▶ CWA	Enterococci	001 - A	Effluent Gross	NMth								43%	214%	396%	86%	80%	
▶ CWA	Solids, suspended percent removal	001 - A	Percent Removal	Neither			27%		47%								
▶ CWA	Solids, total suspended	001 - A	Effluent Gross	Mthly			3%									60%	
▶ CWA	Solids, total suspended	001 - A	Effluent Gross	NMth		4%	20%		73%	71%	2%	33%				278%	
▶ CWA	Temperature, water deg. centigrade	001 - A	Effluent Gross	NMth						2%							
▶ CWA	pH	001 - A	Effluent Gross	Neither				LIMIT VIOLATION			LIMIT VIOLATION	LIMIT VIOLATION					

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: PRD000689455)		10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-06 /30/23	07/01-09 /30/23
Facility-Level Status		No Violation Identified											
	Violation Agency												

Informal Enforcement Actions Last 5 Years v

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 v

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?
210100020101	Rio Corozal	RIO LOS NEGROS	No	No	Enterococci	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRNR9D	RIO DE LOS NEGROS	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

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

NPDES ID	Description	2019	2020	2021	2022	2023
PR0020451	DMR Pollutant Loadings (lb/year)	799,515	1,032,269	798,490	862,915	499,088
PR0020451	DMR Pollutant Loadings - Load Over Limit (lb/year)	0	0	0	0	212
PR0020451	DMR Conventional Loadings (lb/year)	--	--	--	31,889	--
PR0020451	DMR Conventional Loadings - Load Over Limit (lb/year)	--	--	--	0	--
PR0020451	DMR Toxic-Weighted Loadings (lb-eq/year)	11.55	8.36	13.71	15.79	4.07
PR0020451	DMR Toxic-Weighted Loadings - Load Over Limit (lb-eq/year)	0	0	0	0	0

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

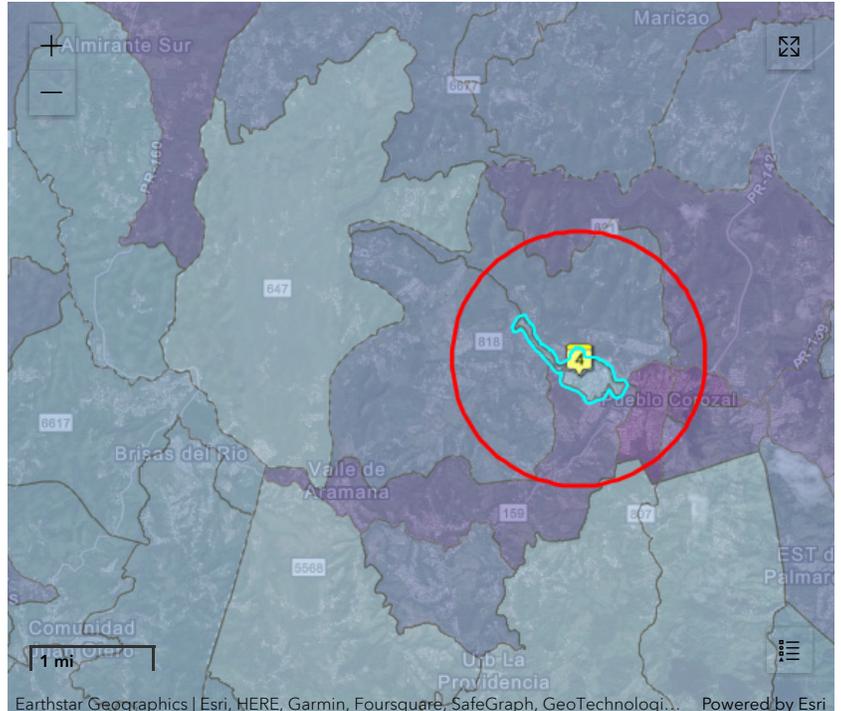
Related Reports

[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475302003	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	14	27
Air Toxics Cancer Risk	36	38
Air Toxics Respiratory Hazard Index	36	40
Toxic Releases to Air	1 99	1 99
Traffic Proximity	1 93	1 99
Lead Paint	0	1 99
Risk Management Plan (RMP) Facility Proximity	1 99	1 99
Hazardous Waste Proximity	79	1 84
Superfund Proximity	1 99	1 99
Underground Storage Tanks (UST)	0	1 99
Wastewater Discharge	1 98	1 99

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	7,140
Population Density	2,280/sq.mi.
Housing Units in Area	2,892

General Statistics (ACS (American Community Survey))	
Total Persons	6,205
Percent People of Color	99%
Households in Area	1,923
Households on Public Assistance	142
Persons With Low Income	4,989
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.345556
Center Longitude	-66.327778
Land Area	100%
Water Area	0%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	485 (7%)
Minors 17 years and younger	1,791 (25%)
Adults 18 years and older	5,349 (75%)
Seniors 65 years and older	1,088 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,175 (86%)
African-American	377 (5%)
Hispanic-Origin	7,094 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	14 (0%)
Other/Multiracial	562 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	664 (15.99%)
9th through 12th Grade	534 (12.86%)
High School Diploma	1,169 (28.15%)
Some College/2-year	473 (11.39%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	851 (44.28%)
\$15,000 - \$25,000	405 (21.07%)
\$25,000 - \$50,000	395 (20.55%)
\$50,000 - \$75,000	203 (10.56%)
Greater than \$75,000	68 (3.54%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	883 (21.26%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Detailed Facility Report



Detailed Facility Report

Facility Summary

COROZAL WWTP

ROAD 818, KM 1 CIBUCO WARD, COROZAL, PR 00783

FRS (Facility Registry Service) ID: 110064873294

EPA Region: 02

Latitude: 18.345711

Longitude: -66.327845

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	3
Qtrs with Significant Violation	3
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Effective (PRR053040)

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](#)

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110064873294					N	18.345711	-66.327845
ICIS-NPDES	CWA	PRR053040	Minor: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.345711	-66.327845

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110064873294	COROZAL WWTP	ROAD 818, KM 1 CIBUCO WARD, COROZAL, PR 00783	
ICIS-NPDES	CWA	PRR053040	COROZAL WWTP	ROAD 818, KM 1 CIBUCO WARD, COROZAL, PR 00783	Corozal 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 Industrial Effluent Guidelines

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

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR053040	No	03/31/2023	3	08/25/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant /Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRR053040)		04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-08/25/23
	Facility-Level Status	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	No Violation Identified	Undetermined								
	Quarterly Noncompliance Report History	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Resolved									
	Late or Missing Discharge Monitoring Report (DMR) Measurements													
	Counts of Late DMR Measurements		2											

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?
210100020101	Rio Corozal	CIBUCO RIVER	No	No	Enterococci	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRNR9D	RIO DE LOS NEGROS	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

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

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

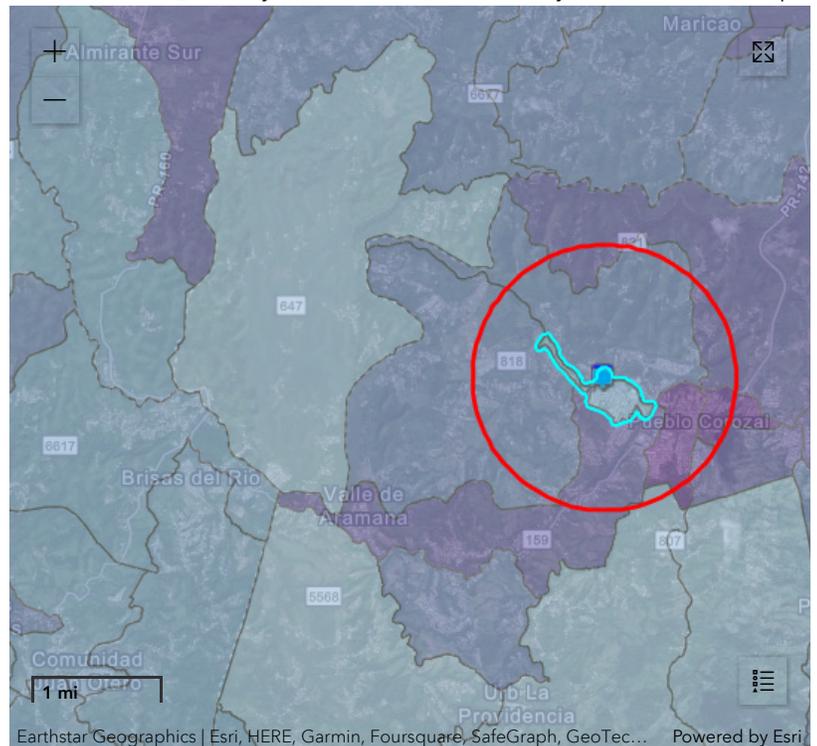
Related Reports

[EJScreen Community Report](#)

Census Block Group ID: 720475302003	US (Percentile)	
	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	14	27
Air Toxics Cancer Risk	36	38
Air Toxics Respiratory Hazard Index	36	40
Toxic Releases to Air	1 99	1 99
Traffic Proximity	1 93	1 99
Lead Paint	0	1 99
Risk Management Plan (RMP) Facility Proximity	1 99	1 99
Hazardous Waste Proximity	79	1 84
Superfund Proximity	1 99	1 99
Underground Storage Tanks (UST)	0	1 99
Wastewater Discharge	1 98	1 99

Download Data

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	7,129
Population Density	2,270/sq.mi.
Housing Units in Area	2,884

General Statistics (ACS (American Community Survey))	
Total Persons	6,166
Percent People of Color	99%
Households in Area	1,911
Households on Public Assistance	143
Persons With Low Income	4,956
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.345711

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	486 (7%)
Minors 17 years and younger	1,789 (25%)
Adults 18 years and older	5,340 (75%)
Seniors 65 years and older	1,084 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,166 (86%)
African-American	376 (5%)
Hispanic-Origin	7,083 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	14 (0%)
Other/Multiracial	561 (8%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	655 (15.88%)

Geography	
Center Longitude	-66.327845
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	845 (44.26%)
\$15,000 - \$25,000	401 (21.01%)
\$25,000 - \$50,000	393 (20.59%)
\$50,000 - \$75,000	203 (10.63%)
Greater than \$75,000	67 (3.51%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
9th through 12th Grade	532 (12.9%)
High School Diploma	1,162 (28.17%)
Some College/2-year	469 (11.37%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	878 (21.28%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110009814996					N	18.332174	-66.331003
ICIS		2658328					N	18.332174	-66.331003
ICIS		40550					N	18.332174	-66.331003
ICIS		2657031					N	18.332174	-66.331003
RMP	CAA	100000126641		ACTIVE			N	18.286975	-66.333084
ICIS-NPDES	CWA	PR0022624	Minor: NPDES Individual Permit	Admin Continued		07/31/2023	N	18.334167	-66.331389

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110009814996	NEGROS-COROZAL FILTRATION PLANT	PR-159 KM 11.5, COROZAL, PR 00783	Corozal Municipio
ICIS		2658328	PRASA COROZAL WTP	PR-159, KM. 11.5, COROZAL, PR 00783	Corozal Municipio
ICIS		40550	PRASA WTP COROZAL	RD 159 KM 11.5 CIBUCO WARD, COROZAL, PR 00783	Corozal Municipio
ICIS		2657031	PRASA COROZAL WTP	PR - 159, KM. 11.5, COROZAL, PR 00783	Corozal Municipio
RMP	CAA	100000126641	NEGROS-COROZAL FILTRATION PLANT	PR-805 KM-2.0, COROZAL, PR 00783	Corozal Municipio
ICIS-NPDES	CWA	PR0022624	PRASA COROZAL WTP	ROAD 159, KM 11.5, COROZAL, PR 00783	Corozal Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0022624	4941	Water Supply

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000126641	22131	Water Supply and Irrigation Systems
RMP	100000126641	22132	Sewage Treatment Facilities

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
PR0022624	000	No Applicable Effluent Guidelines

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	PR0022624	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	EPA	10/10/2019	
CWA	PR0022624	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	EPA	08/29/2018	

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PR0022624	No	03/31/2023	9	08/25/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA	(Source ID: PR0022624)	04/01-06 /30/20	07/01-09 /30/20	10/01-12 /31/20	01/01-03 /31/21	04/01-06 /30/21	07/01-09 /30/21	10/01-12 /31/21	01/01-03 /31/22	04/01-06 /30/22	07/01-09 /30/22	10/01-12 /31/22	01/01-03 /31/23	04/01-08 /25/23
	Facility-Level Status	Violation Identified	Violation Identified	Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified
	Quarterly Noncompliance Report History	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	
	Pollutant	Disch Point	Mon Loc	Freq										
► CWA	BOD_5-day, 20 deg_C	001 - A	Effluent Gross	NMth										116%
► CWA	Chlorine, total residual	001 - A	Effluent Gross	NMth				1355%	355%	355%				
► CWA	Phosphorus, total [as P]	001 - A	Effluent Gross	NMth			22%							
► CWA	Solids, total dissolved	001 - A	Effluent Gross	NMth			160%							66%
► CWA	pH	001 - A	Effluent Gross	Neither				LIMIT VIOLATION						
	Late or Missing Discharge Monitoring Report (DMR) Measurements													
	Counts of Missing DMR Measurements								2	1	1	1		

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (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?
210100020101	Rio Corozal	CIBUCOS'S RIVER	No	No	Coliform, fecal - % sample exceeds limit Coliform, fecal general	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRNR9D	RIO DE LOS NEGROS	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 in Pounds per Year at Site

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

No data records returned

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

Chemical Name

No data records returned

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

[DMR and TRI Multi-Year Loading Report](#)

NPDES ID	Description	2019	2020	2021	2022	2023
PR0022624	DMR Pollutant Loadings (lb/year)	611,549	449,472	1,097,923	341,125	665,751
PR0022624	DMR Pollutant Loadings - Load Over Limit (lb/year)	489	0	255,043	45.41	130,248
PR0022624	DMR Conventional Loadings (lb/year)	--	--	--	1,531	--
PR0022624	DMR Conventional Loadings - Load Over Limit (lb/year)	--	--	--	0	--
PR0022624	DMR Toxic-Weighted Loadings (lb-eq/year)	11.33	5.20	35.77	30.44	7.46
PR0022624	DMR Toxic-Weighted Loadings - Load Over Limit (lb-eq/year)	0	0	4.39	22.70	0

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

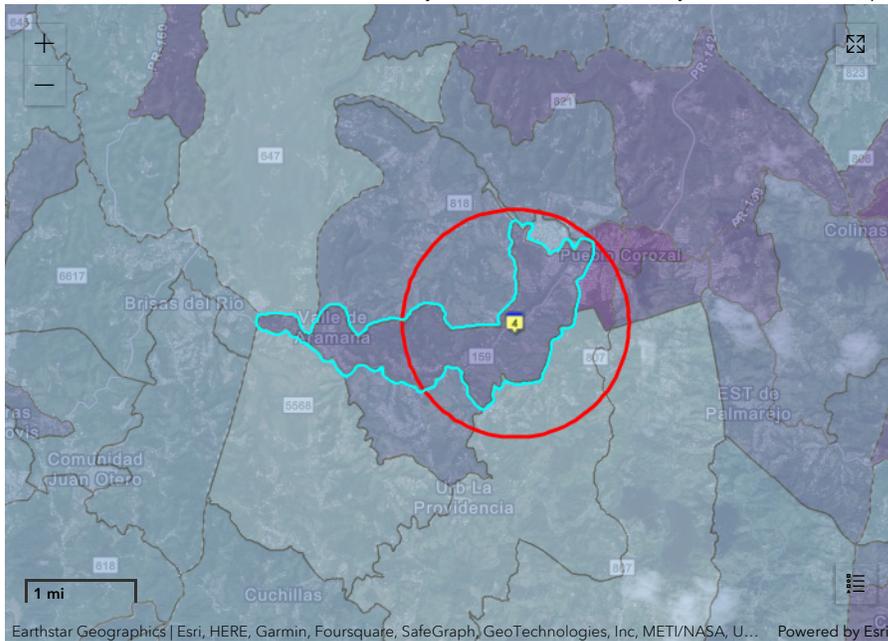
Related Reports

[EJScreen Community Report](#)

Download Data

Census Block Group ID: 720475302001	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Count of Indexes At or Above 80th Percentile	7	8
Particulate Matter 2.5	0	--
Ozone	0	--
Diesel Particulate Matter	15	27
Air Toxics Cancer Risk	36	38
Air Toxics Respiratory Hazard Index	37	40
Toxic Releases to Air	● 99	● 99
Traffic Proximity	● 98	● 99
Lead Paint	● 92	● 98
Risk Management Plan (RMP) Facility Proximity	● 99	● 99
Hazardous Waste Proximity	76	● 84
Superfund Proximity	● 99	● 99
Underground Storage Tanks (UST)	● 94	● 99
Wastewater Discharge	● 98	● 99

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 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](#).

General Statistics (U.S. Census)	
Total Persons	5,755
Population Density	1,828/sq.mi.
Housing Units in Area	2,198

General Statistics (ACS (American Community Survey))	
Total Persons	5,748
Percent People of Color	99%
Households in Area	1,737
Households on Public Assistance	109
Persons With Low Income	4,822
Percent With Low Income	84%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.332195
Center Longitude	-66.33102
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	625 (35.98%)
\$15,000 - \$25,000	396 (22.8%)
\$25,000 - \$50,000	485 (27.92%)
\$50,000 - \$75,000	186 (10.71%)
Greater than \$75,000	45 (2.59%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	331 (6%)
Minors 17 years and younger	1,380 (24%)
Adults 18 years and older	4,375 (76%)
Seniors 65 years and older	863 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	4,933 (86%)
African-American	260 (5%)
Hispanic-Origin	5,724 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	17 (0%)
Other/Multiracial	533 (9%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	551 (13.78%)
9th through 12th Grade	470 (11.76%)
High School Diploma	1,120 (28.01%)
Some College/2-year	565 (14.13%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	859 (21.49%)

Appendix 4



United States Department of the Interior



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

In Reply Refer To:
Project Code: 2023-0124266
Project Name: PR-RGRW-01420

August 31, 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
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

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

This species list is provided by:

Caribbean Ecological Services Field Office

Post Office Box 491

Boqueron, PR 00622-0491

(787) 834-1600

PROJECT SUMMARY

Project Code: 2023-0124266

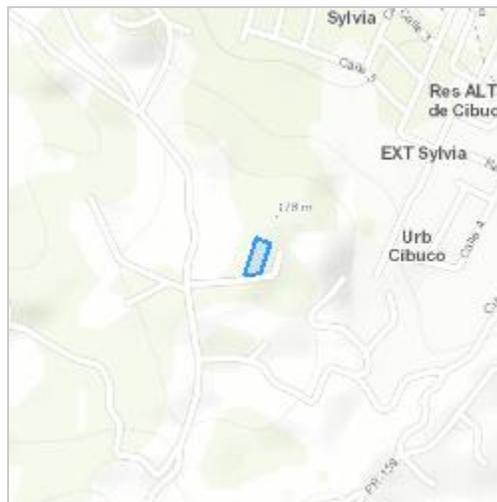
Project Name: PR-RGRW-01420

Project Type: Restoration / Enhancement - Agricultural

Project Description: The proposed activities for PR-RGRW-01420, consist of installation of a greenhouse and generator, plus a transit vehicle and tractor. The installation of a greenhouse will require ground disturbance. The greenhouse will be anchored to the ground with metal pipes with a diameter of 1 foot by 1 foot deep. The water needed for the greenhouse will be provided by an existing cistern that is supplied from a PRASA intake on the property. The power needed to operate the water pump will be provided by an existing PREPA/LUMA connection on the property. The power generator will be placed on an existing concrete slab covered with a zinc roof. A transfer switch panel for the generator will be installed in the structure which already has the required electric infrastructure. No ground disturbance will be required for the power generator installation. The project area is located at PR-818 km. 1.3 within the Municipality of Corozal. Based on a review of historical aerial imagery, the general area has been used for agricultural purposes for the past 20 years.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.33871945,-66.32953718608206,14z>



Counties: Corozal County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 1 threatened, endangered, or candidate species on this species list.

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

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

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

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

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/NIGUBN43FNGW3CIIHNWM6WDB4M/documents/generated/6941.pdf	Endangered

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

MIGRATORY BIRDS

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

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

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

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

MIGRATORY BIRDS FAQ

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

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

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

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

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

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

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

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

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

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

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

What are the levels of concern for migratory birds?

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

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

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

Details about birds that are potentially affected by offshore projects

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

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

What if I have eagles on my list?

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

Proper Interpretation and Use of Your Migratory Bird Report

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

WETLANDS

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

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

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

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patricia Carmenatty
Address: Calle Perseo, Edificio Iberia 1
City: San Juan
State: PR
Zip: 00920
Email: patricia.carmenatty@byaea.com
Phone: 7874211799
