

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-00005

Project Name: West Avian Corp.

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico/Cabo Rojo, PR

Preparer: Clifford Jarman

Certifying Officer Name and Title: Permit and Compliance Officer: Sally Acevedo Cosme, Pedro De León Rodríguez, María T. Torres Bregón, Angel G. López-Guzmán, Ivelisse Lorenzo Torres, Santa Damarys Ramírez Lebrón, and Janette I. Cambrelén

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

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

Project Location:

The property is a 2.96-acre site located at Carr. PR-103 Km 11 HM 4 Interior Sector Cuatro Caminos in Bo. Boquerón, in the Municipality of Cabo Rojo, Puerto Rico (Parcel ID# 356-056-374-11-000). The proposed project parcel is located at 18.043839, -67.151411. The proposed project property has been leased by the applicant for use as a farm since October 2020. The property was used around sixty years ago for sugar cane cultivation. At the moment of the inspection there was no running water or electricity.

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

The proposed use of grant funds is for establishing an egg farm, including the purchase of land, installation of two wagons, a chicken tractor/coop, a walk-in cooler, and purchase of chicks.

The applicant's business was registered in 2020 and has been leasing the subject property. The lease expires in 2030. The applicant is seeking to purchase the property (Parcel ID# 356-056-374-11-000).

The two wagons would be 20-foot long by 10-foot wide and a walk-in cooler with a footprint of 10-foot by 10-foot would be located at 18.04396, -67.15118. The wagons would not require a foundation. The foundation for the cooler would be a 12-foot by 12-foot poured concrete pad. This area would be about the southern border of the property.

The chicken tractor for egg-laying hens, with a 30-foot by 200-foot footprint would be on a terrace 45-foot by 185-foot terrace located at 18.04376, -67.15144. Additional grading would be needed.

Once the structures are in place, the chicks would be purchased for the purpose of becoming egg layers.

At the moment of the inspection there was no running water or electricity. The applicant is in the process of getting permission for the installation of water and power connections with the local providers. The interconnection to the electric power supply would be at the road. A pedestal and concrete pad located at 18.0440520, -67.1506800 is ready for the interconnection. The applicant and utility are evaluating the options for the 175 feet of powerlines needed from the roadside pedestal to the walk-in cooler and processing area. Option 1 is burying the powerlines no more than 1-foot deep. Option 2 is stringing aerial powerlines.

The applicant plans to connect to water service to provide water to the animals and use in the processing area. The water connection to the local provider would be in front of the power pedestal on the side of the road. Water would be carried to the usage areas through above ground PVC pipes.

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

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

The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. This agricultural project associated with the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks is in keeping with the overall objectives of the Economic Development Program.

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

The land was used in the past for agricultural purposes and unused since. The proposed use is for agricultural purposes; therefore, there is no change in land use associated with the project. However, some ground disturbance will be required.

Structure of this Environmental Review Report (ERR).

This ERR discusses the Funding Information immediately below. The environmental impacts of the proposed action are discussed in the Compliance with 24 CFR 58.5

and 58.6 Laws and Authorities checklist and Environmental Factors checklist. The listing of Additional Studies Performed, and Sources, Agencies and Persons Consulted follows the checklists. The discussions of Public Outreach, Cumulative Impacts, Alternatives, and Summary of Findings and Conclusions are presented at the end of the ERR, before the listing of Mitigation Measures and Determination signatures. The appendices contain detailed information.

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

Funding Information

Grant Number	HUD Program	Funding Amount
B-18-DP-72-0001 B-17-DM-72-0001	CDBG-DR, Re-Grow Puerto Rico Urban-Rural Agricultural Program	\$172,500,000

Estimated Total HUD Funded Amount: \$148,211.80

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$148,211.80

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"/>	The project consists of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. The nearest civil airport is approximately 76,313 feet from the proposed site. The nearest military airport is approximately 414,615 feet from the proposed site. The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements. Refer to Figure 2 in Appendix B.
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"/>	Puerto Rico has various Coastal Barrier Resources Systems (CBRS). The project is in western Puerto Rico. The distance to the nearest CBRS unit or Otherwise Protected Area is 8,421 feet. Therefore, this project has no potential to impact a CBRS Unit or Otherwise Protected Area and is in compliance with the Coastal Barrier Resources Act. Refer to Figure 3 in Appendix B.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not located in a 100-year floodplain per Floodplain Insurance Map 72000C1545J, effective date November 18, 2009. This project is in compliance with Floodplain Insurance requirements. (See Figures 4, 5, 6, and 7 in Appendix B.)

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>The Project site is not located in a county or air quality management district that is in attainment status or non-attainment status for any criteria pollutants. The Municipio of Cabo Rojo is not listed in the EPA Green Book "Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants" The project, consisting of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm, will have no impact on air quality. The project is in compliance with Clean Air Act. Refer to EPA listing in Appendix C.</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 2,091 feet from the nearest Coastal Zone Management Zone Boundary and does not affect a Coastal Zone as defined in the PR Coastal Zone Management Plan. The project is in compliance with the Coastal Zone Management Act. See Figure 8 in Appendix B.</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>A site visit conducted on November 17, 2022. No drums, debris or rubbish or visible signs vegetative stress, contamination, or toxic substances were noted at the project site. See Appendix A. There are no sites of environmental concern identified within 3,000 feet of the project site. Refer to Figures 9 and 10 in Appendix B and supplemental information in Appendix C. The project is in compliance with Contamination and Toxic Substances.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will have No Effect on listed species. According to EPA NEPAAssist Enviromapper, the nearest critical or proposed critical habitat is 7,191 feet to the south of the project location. Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa can be found, but there are no critical habitats at this location. The proposed project will have no potential to affect species or habitats due to the agricultural nature of the</p>

		<p>activities involved in the project. The project consists of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. The land has been used for agricultural purposes in the past and no trees will be removed as part of the project.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the USFWS will be notified to relocate the Boa. Refer to Figures 11 and 12 in Appendix B and IPaC report in Appendix D. This project is in compliance with the Endangered Species Act.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not include development, construction, or rehabilitation that will increase residential density.</p> <p>The project is in compliance with Explosive and Flammable Hazard requirements.</p> <p>Refer to site visit report in Appendix A.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The far western part of the property is designated as farmland of statewide importance. The area around the project site is not designated prime farmland or farmland of statewide importance. The project consists of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. The project does not include any activities that could potentially convert agricultural land to nonagricultural use. This project is in compliance with the Farmland Protection Policy Act. Refer to Figure 13 in Appendix B.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not located in a 100-year floodplain per Floodplain Insurance Map 72000C1545J, effective date November 18, 2009. The project site is not located in Preliminary Firm or an Advisory Base Flood Elevation (ABFE) special flood hazard area. See Figures 4, 5, 6, and 7. This project is in compliance with Floodplain</p>

		Management Requirements. (See maps in Appendix B.)
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was evaluated on January 7, 2023, by and SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on February 3, 2023 (Appendix E). SHPO concurred with a finding of No Historic Properties Affected within the project's Area of Potential on Effects on February 9, 2023. This project is in compliance with Historic Preservation requirements. (See Figure 14 in Appendix B and Appendix E).</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>HUD's noise regulations protect residential properties from excessive noise exposure. The project consists of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. HUD noise regulations do not apply as the project does not include new construction for residential use or rehabilitation of an existing residential property. The proposed project is in compliance with Noise Abatement and Control.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The project is in compliance with Sole Source Aquifer requirements. Refer to Figure 15 in Appendix B.</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The west coast is 10,824 feet southwest of the property. The closest fresh-water bodies include a tributary of Quebrada Costa 106 feet north, Quebrada Costa 3,749 feet southeast, and Quebrada Boquerón 5,070 feet southeast of the property.</p> <p>The NWI maps shows a freshwater forested/shrub wetland along the northern portion of the property likely associated with the tributary of Quebrada Costa 106 feet north of the project site. During construction standard best management practices (BMPs) will be used to minimize erosion and runoff. This project does</p>

		<p>not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section. The NWI maps show no wetlands on or adjacent to the project site itself. The project site is approximately 250 feet from the freshwater forested/shrub wetland. This project does not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section. The project is in compliance with Executive Order 11990. Refer to Figure 16 in Appendix B.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 479,784 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 17 in Appendix B.</p>

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

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

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

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed project is located on private property being leased for agricultural activities. The project site is not zoned. The project consists of the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. The proposed action is compliant with the current agricultural land use of the Project area.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The proposed project is located in rural hill terrain, used around sixty years ago for sugar cane cultivation, classified as Descalabrado clay (DsD), with 12 to 20 percent slopes, and Descalabrado clay (DsF), with 20 to 60 percent slopes, surrounded by grassland vegetation cover, 40 meters above the mean sea level. The project site area is rated “low” for landslide susceptibility (see Figure 18 in Appendix B). The proposed location of the two wagons, chicken tractor/coop and walk-in cooler could require some grading. During construction BMPs would be used to

		minimize erosion and runoff. Afterward there will be little to no additional runoff associated with the project.
Hazards and Nuisances including Site Safety and Noise	2	During implementation of the project, construction activities may result in temporary elevation of ambient noise levels in immediate areas around active construction areas. The only nearby receptors are the residents of the farm. There is no access to the project area by the public. Standard BMPs, such as construction fencing, would be applied to protect the farm resident public from typical construction hazards.
Energy Consumption	2	The project site is not currently connected to the local electricity provider. There would be no substantial change in energy demand in the area.

Environmental Assessment Factor	Impact Code	Impact Evaluation
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SOCIOECONOMIC

Employment and Income Patterns	2	Temporary employment of workers related to construction activities would result, but no new permanent jobs would be created as a result of this project. These workers are expected to come from the local region. The proposed project would not negatively impact employment or income patterns.
Demographic Character Changes, Displacement	2	The proposed project would not result in demographic character changes or displacement. Given the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
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COMMUNITY FACILITIES AND SERVICES

Educational and Cultural Facilities	2	The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
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Commercial Facilities	2	The agricultural activity of the project property will improve. Other commercial facilities would not be impacted by the proposed project.
Health Care and Social Services	2	Health care and social services facilities would not be impacted by the proposed project. The project would not increase demand for health care and social services facilities.
Solid Waste Disposal / Recycling	2	Minor solid waste construction debris materials would result from the proposed project. Solid waste must be disposed on an authorized facility. In the case that the farm would be composting organic material to use on the farm, it should be described as such.
Wastewater / Sanitary Sewers	2	The proposed project does not include any changes to wastewater or sewage facilities at the farm. Current farm conditions would remain unchanged.
Water Supply	2	The project site is not currently connected to the local water provider. The site currently has a 250-gallon water tank. The proposed project will have minor impact on water usage.
Public Safety - Police, Fire and Emergency Medical	2	The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	The proposed project would not create or destroy any new parks, open space, or recreational activities. It also would not increase use of those facilities.
Transportation and Accessibility	2	The proposed project would not involve the creation of new roads nor any increase in long-term traffic on existing roads. There would be some minor use of the existing road during construction. All residents and businesses would retain access to their properties during and after the project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project will be situated on previous agricultural 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. The proposed project will have no impact on vegetation and wildlife.
Climate Change	2	There will be no impact to the climate as a result of this project as land use does not change. The project site was previously used for the growth of sugar cane but has been unused. The area is sparsely covered in grass.

Additional Studies Performed: None

Field Inspection (Date and completed by):

Site inspection was conducted on November 17, 2022, by Carlos Medina.

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

Puerto Rico State Historic Preservation Office

FAA, National Plan for Integrated Airport Systems:

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

John H. Chafee Coastal Barrier Resources System, Puerto Rico [map](#).

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

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.

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/ecp/report/species-listings-by-state?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed>

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

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

Puerto Rico Coastal Zone Management Program Plan, September 2009.

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

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria,

www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8

List of Permits Obtained:

None

Public Outreach [24 CFR 58.43]:

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

Cumulative Impact Analysis [24 CFR 58.32]:

In accordance with 24 CFR 58.32 (Aggregation), there are no other cumulative impacts associated with the proposed project. The growth of agricultural products at the farm would not increase. The project would allow more efficient processing of the agricultural products. Water and power uses would increase to a minor degree for the processing and the walk-in cooler. The effect on the local utilities would be minor.

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

The RGRW Program's goal is to increase agricultural capacity while promoting and increasing food security island-wide. This Program seeks to enhance and expand agricultural production related to economic revitalization and sustainable development activities. The applicant submitted a proposal to enhance and expand agricultural production on the subject property. The proposed use of grant

funds will allow the applicant to expand the cultivation, processing, and delivery of agricultural products through the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm. Any alternative that would involve an off-property location would not enhance and expand agricultural production or allow for the economic development for this applicant. Alternative locations on the property could be used but would be farther from the existing road and access road and closer to the wetland to the west.

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

Under the No Action Alternative, the applicant would not receive federal funding for the purchase of the land; construction of two wagons, a chicken tractor/coop and a walk-in cooler; and the purchase of chicks to establish an egg farm, which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

Summary of Findings and Conclusions:

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

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

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

Law, Authority, or Factor	Mitigation Measure
Wetlands Protection	Standard construction BMPs would be used to control erosion and runoff during construction.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Standard construction BMPs would be used to control erosion and runoff during construction.

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: 03/22/23

Name/Title/Organization: Clifford Jarman, Senior Environmental Scientist, Tetra Tech Inc.

Certifying Officer Signature:  Date: May 18, 2023

Name/Title: Santa D. Ramirez Lebron / Permits and Environmental Compliance Specialist

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

Appendix A

Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-00005		
Applicant Name	West Avian Corp		
Property Address	CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO		
Parcel ID	356-056-374-11		
Coordinates	18.043839, -67.151411		
Inspector Name	Carlos O. Medina		
Inspection Date	11/17/2022		
Building Type	Concrete_Metal		
Number of Units	1		
Number of Stories	1		
Year Built; Data Source	C2022; Historian		
ENVIRONMENTAL OBSERVATIONS (attach photos and notes, as necessary, for any YES answers)			
OBSERVATION ITEMS	YES	NO	COMMENTS
A. Is the structure in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Scope of work 1: 18.04396° N, 67.15118° W two wagons Wide: 20 Wide 20 Length 10 Two wagons footprint is 8x40 each Walk in cooler footprint is 10x10 Scope of work 2: Applicants plans to construct a chicken tractor with a footprint of 30 x 200 Chicken tractor for egg laying hens Terrace is 45 by 183 18.04376° N, 67.15144° W
B. Is structure a greenhouse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is Electricity connected?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D. Is water connected? (Utilities or Well)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are there any 55-gallon drums visible on site? If yes, are they leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are there any (or signs of any) underground storage tanks on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are there signs of ASTs on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	250 gallons

			Water tank
5. Is there any stained soil or pavement on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Is a water drainage system in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is a warehouse in use for storage of Fertilizer or Pesticides ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Are there any groundwater monitoring wells on the site or adjacent parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is there evidence of a faulty septic system ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Is there distressed vegetation on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Is there any visible indication of MOLD ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12. Is there any visible evidence of asbestos, chipping, flaking or peeling paint, or hazardous materials present in or on the structure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. Are any additional site hazards observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. Is there any permanent standing water , such as a pond or stream, located on the site (do not include ponding from recent rain / weather events)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	West side of the parcel is located the stream
15. Does the subject property have water frontage ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is there any indication of the presence of Wetlands ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. Are there any obvious signs of animals or birds nesting on or near the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
19. Is a historic marker present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Notes:

Case: PR-RGRW-00005
West Avian Corp
Correct coordinates: 18.04396° N, -67.15118° W

Scope of Work: Purchase of equipment including 2 wagons, chicken tractor/coop, chicks, and walk in cooler. Also included in the scope is the purchase of land

Land current in use for: not in used in this moment

Past land use was: around sixty years ago used to be a sugar cane plantation

What the applicant plans to do: applicant plans to do a egg farm. This includes structure of two wagons walk in cooler, chicken tractor/coop.

Where the applicant plans to do the ground disturbance for the new structures:
Scope of work 1:

18.04396° N, -67.15118° W two wagons

Wide: 20

Wide 20

Length 10

Two wagons footprint is 8x40 each

Walk in cooler footprint is 10x10

Scope of work 2:

18.04376° N, -67.15144

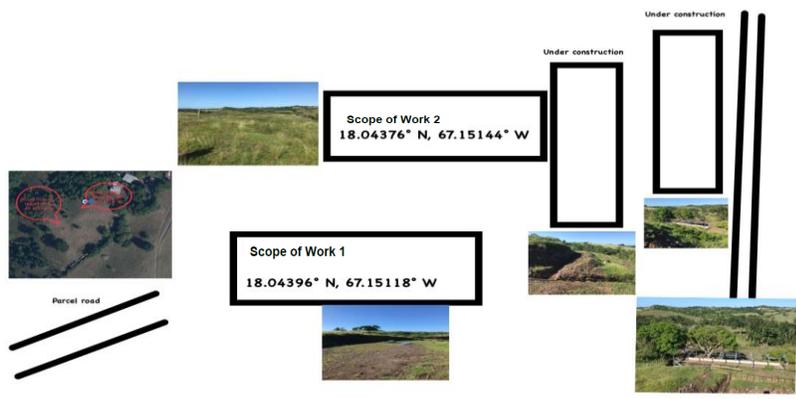
applicant plans to construct a chicken tractor with a footprint of 30 x 200

chicken tractor for egg laying hens

Terrace is 45 by 183

Any new water connection, well, cisterns or power connection: at the moment of the inspection there's no water or running electricity. Eventually there will be water and electricity

Site Sketch



Front of Structure

Photo Direction: Southwest



Facing Away From Front

Photo Direction: Northeast



Side #1 of Structure

Photo Direction: Southwest



Facing Away From Side #1

Photo Direction: Northeast



Back of Structure

Photo Direction: Northwest



Facing Away From Back

Photo Direction: Southeast



Side #2 of Structure

Photo Direction: Southwest



Facing Away From Side #2

Photo Direction: Northeast



Streetscape #1

Photo Direction: Northeast



Streetscape #2

Photo Direction: Southwest



Address

Photo Direction: Northwest



Outbuildings

Photo Description: Chicken tractor underconstruction

Photo Direction: West



Structural Details

Photo Description: Architectural details

Photo Direction: West



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: West



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: East



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: West



Structural Details

Photo Description: Architectural details

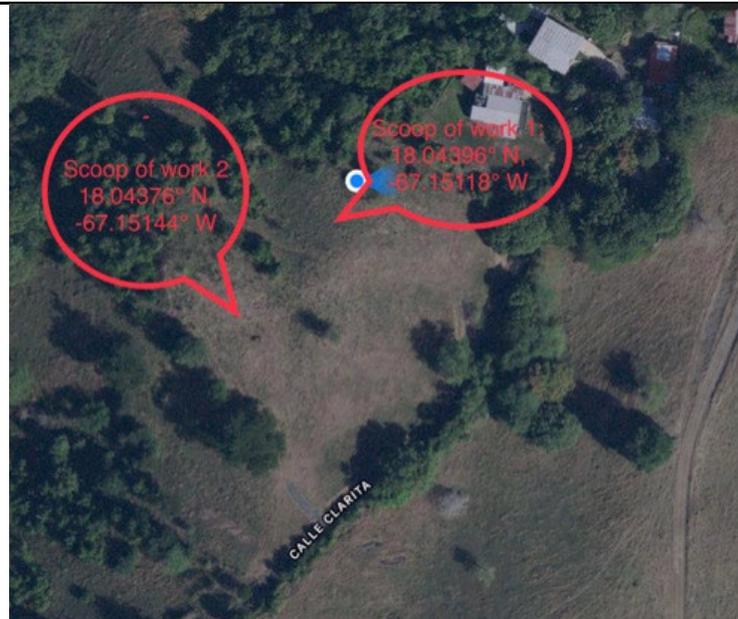
Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structure Occupied

Photo Description: Scoop of work 1

Photo Direction: South



Structure Occupied

Photo Description: Scoop of work 1

Photo Direction: Southwest



Structure Occupied

Photo Description: Scoop of work 1

Photo Direction: West



Structure Occupied

Photo Description: Under construction

Photo Direction: Southwest



Structure Occupied

Photo Description: Underconstruction

Photo Direction: Northwest



Structure Occupied

Photo Description: Scoop of work 2

Photo Direction: East



Structure Occupied

Photo Description: Scope of work 1

Photo Direction: East



Structure Occupied

Photo Description: Proposed power interconnection point

Photo Direction: North



Aboveground Storage Tanks

Photo Description: Water tank

Photo Direction: Northwest



Standing Water

Photo Description: Water stream

Photo Direction: West



Appendix B



- Legend**
-  Tier 2 Site
 -  Parcels

PUERTO RICO



FIGURE 1: PROJECT LOCATION

APPLICANT ID: PR-RGRW-00005

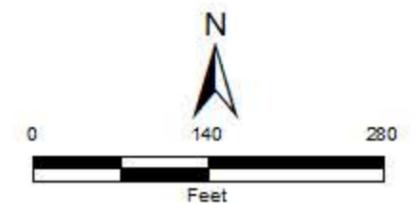
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

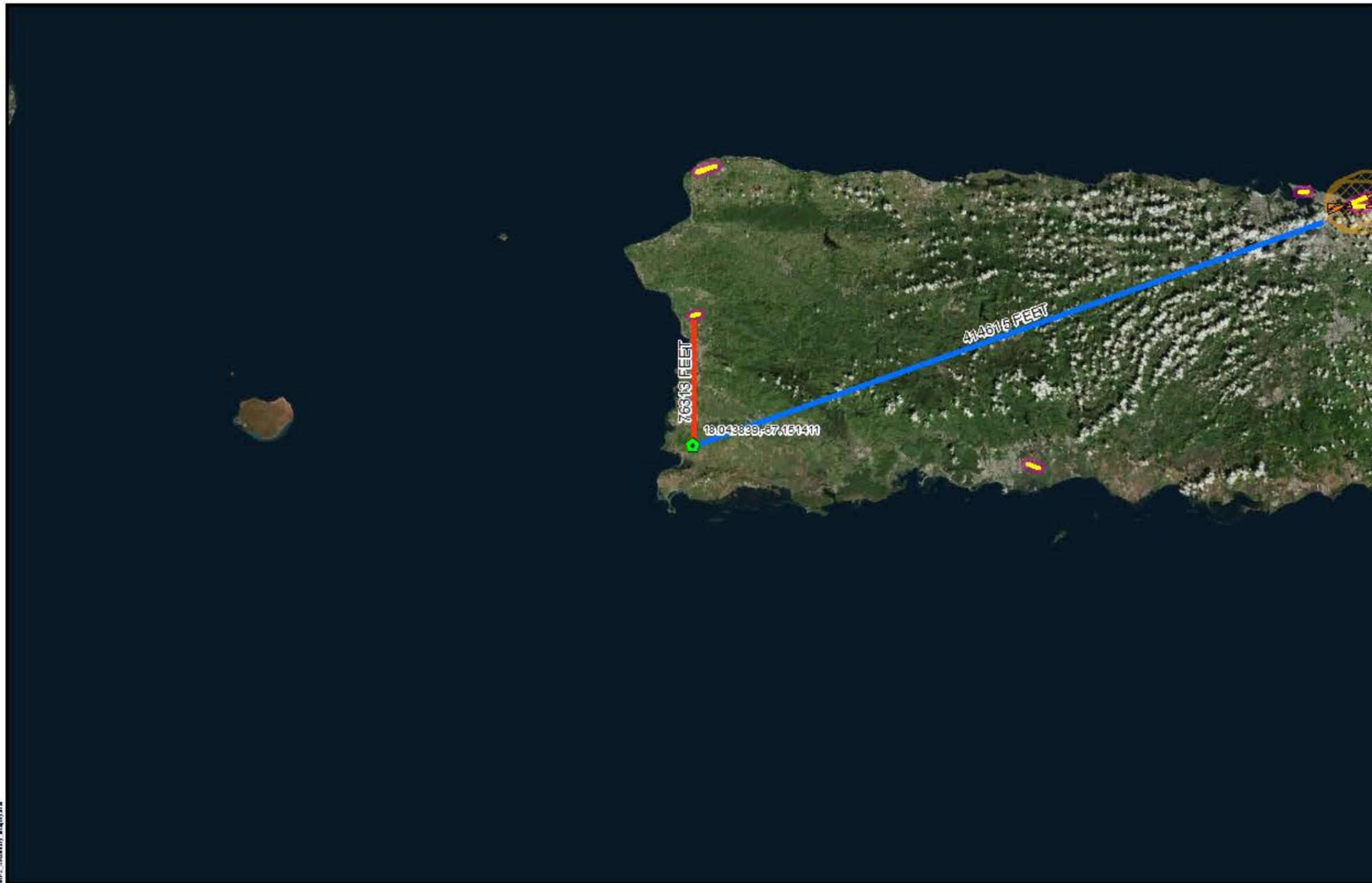
Parcel Coordinates: 18.043839, -67.151411



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

Author: TG Date: 2/20/2023





Legend

-  Tier 2 Site
-  Civilian Runway Protection Zones
-  Military Accident Potential Zones
-  Airport Runways
-  Civilian Airport 2,500 Feet Buffer
-  Military Airport 15,000 Feet Buffer

**Distance to Nearest Airport
in Feet: 76,313**

PUERTO RICO



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

Author: TG Date: 10/4/2022

FIGURE 2: AIRPORT ZONES
APPLICANT ID: PR-RGRW-00005

ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411

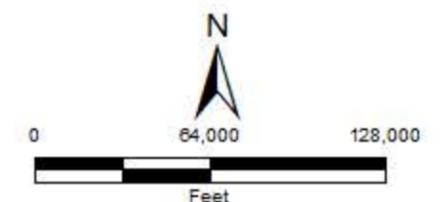
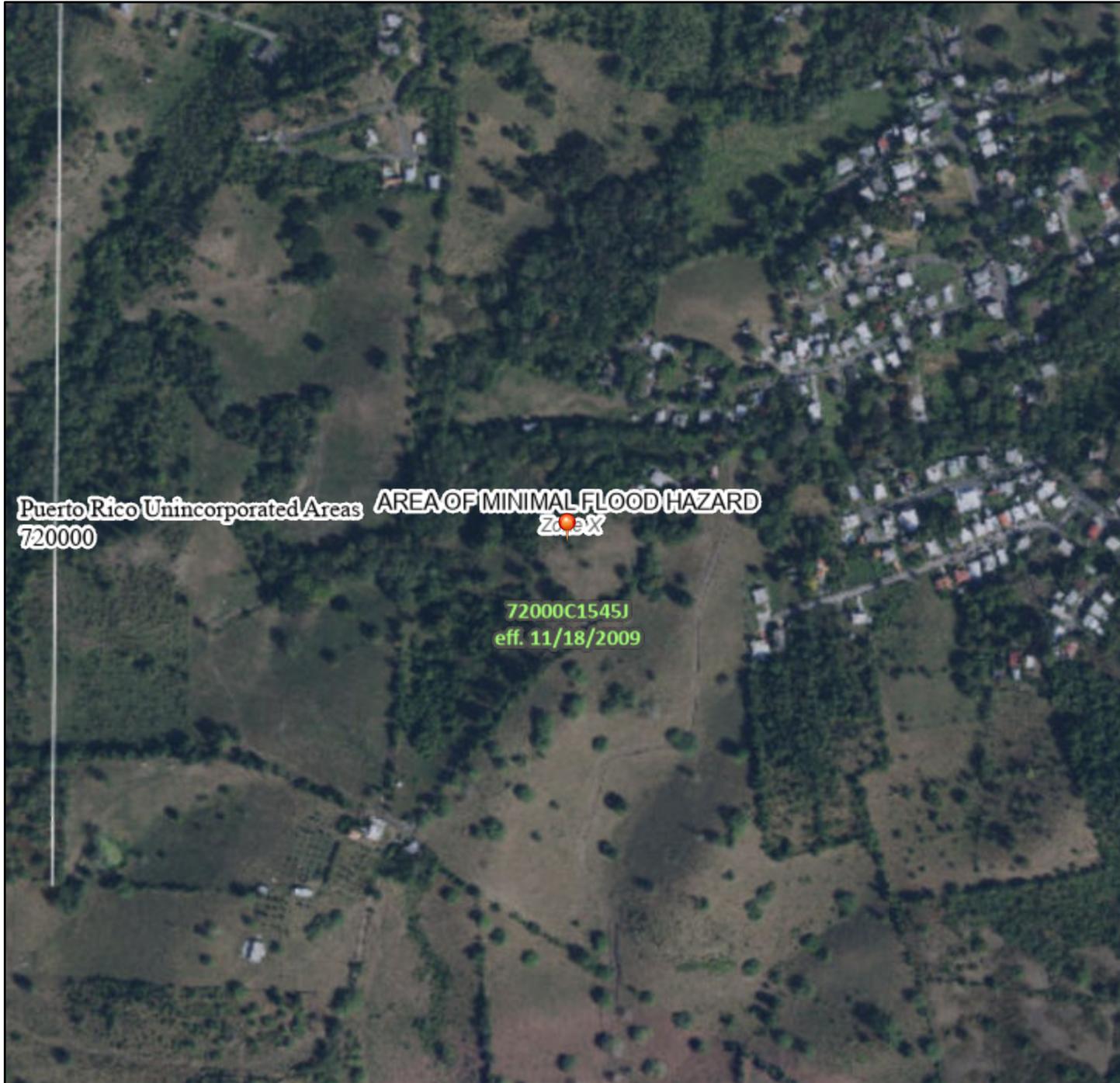


FIGURE 5: NATIONAL FLOOD HAZARD LAYER FIRMETTE



67°9'24"W 18°2'55"N

Parcel Coordinates: 18.043839, -67.151411



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/22/2023 at 7:39 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.

FIGURE 6: COMPARISON OF FLOOD HAZARD



Effective & Preliminary Flood Hazards Parcel Coordinates: 18.043839, -67.151411



Effective	
POI Longitude/Latitude	-67.1514, 18.0438
Effective FIRM Panel	72000C1545J
Effective Date	11/18/2009
Flood Zone	X
Static BFE*	Not Available
Flood Depth	Not Available
Vertical Datum	Not Available

Preliminary	
POI Longitude/Latitude	-67.1514, 18.0438
Preliminary FIRM Panel	72000C1545J
Preliminary Issue Date	11/16/2018
Flood Zone	Not Available
Estimated Static BFE*	Not Available
Estimated Flood Depth	Not Available
Vertical Datum	Not Available

* A **Base Flood Elevation** is the expected elevation of flood water during the 1% annual chance storm event. Structures below the estimated water surface elevation may experience flooding during a base flood event.

Hazard Level	Flood Hazard Zone
High Flood Hazard	AE, A, AH, AO, VE and V Zones. Properties in these flood zones have a 1% chance of flooding each year. This represents a 26% chance of flooding over the life of a 30-year mortgage.
Moderate Flood Hazard	Shaded Zone X. Properties in the moderate flood risk areas also have a chance of flooding from storm events that have a less than 1% chance of occurring each year. Moderate flood risk indicates an area that may be provided flood risk reduction due to a flood control system or an area that is prone to flooding during a 0.2% annual chance storm event. These areas may have been indicated as areas of shallow flooding by your community. Unshaded Zone X. Properties on higher ground and away from local flooding sources have a reduced flood risk when compared to the Moderate and High Flood Risk categories. Structures in these areas may be affected by larger storm events, in excess of the 0.2% annual chance storm event.
Low Flood Hazard	Insurance Note: High Risk Areas are called 'Special Flood Hazard Areas' and flood insurance is mandatory for federally backed mortgage holders. Properties in Moderate and Low Flood Risk areas may purchase flood insurance at a lower-cost rate, known as Preferred Risk Policies. See your local insurance agent or visit https://www.fema.gov/national-flood-insurance-program for more information.

Disclaimer: This report is for informational purposes only and is not authorized for official use. The positional accuracy may be compromised in some areas. Please contact your local floodplain administrator for more information or go to [msc.fema.gov](https://www.fema.gov) to view an official copy of the Flood Insurance Rate Maps.

FIGURE 7: ABFE MAP

Parcel Coordinates: 18.043839, -67.151411

My Map

PuertoRico_ABFE 1PCT
Advisory Base Flood
Elevation (zoom in to make
visible)

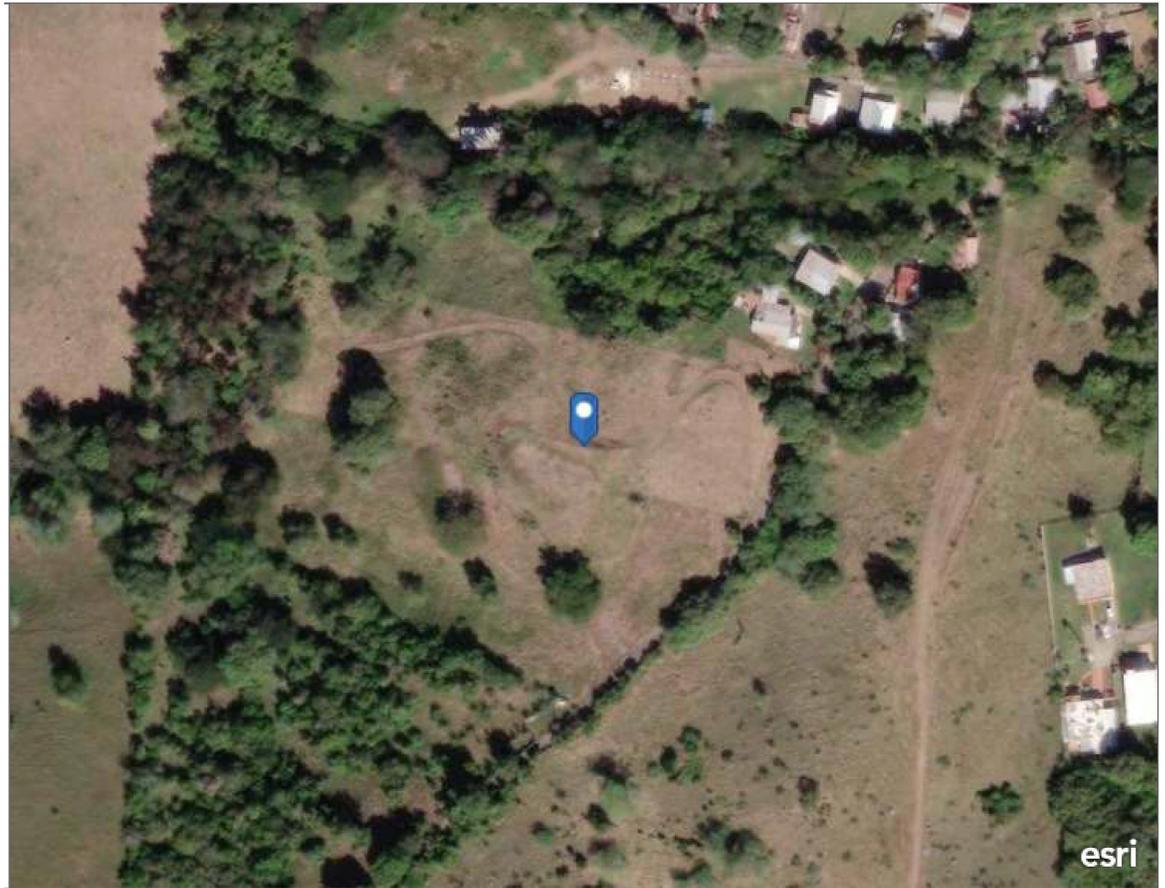
Flood Hazard Boundary
(zoom in to make visible)
Limit of Moderate Wave
Action (LiMWA)

Flood Hazard Extent
1% Annual
Chance Flood
0.2% Annual
Chance Flood

Zone/BFE Boundary


Flood Hazard Area (zoom in
to make visible)
Flood Hazard Zone

A
AO

200ft
FEMA



Legend

-  Tier 2 Site
-  Coastal Zone Management Boundary

Distance to nearest Coastal Zone Management Boundary in feet: 2,091

PUERTO RICO



FIGURE 8: COASTAL ZONE MANAGEMENT

APPLICANT ID: PR-RGRW-00005

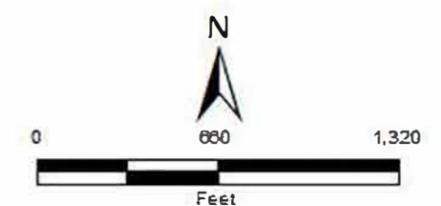
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411

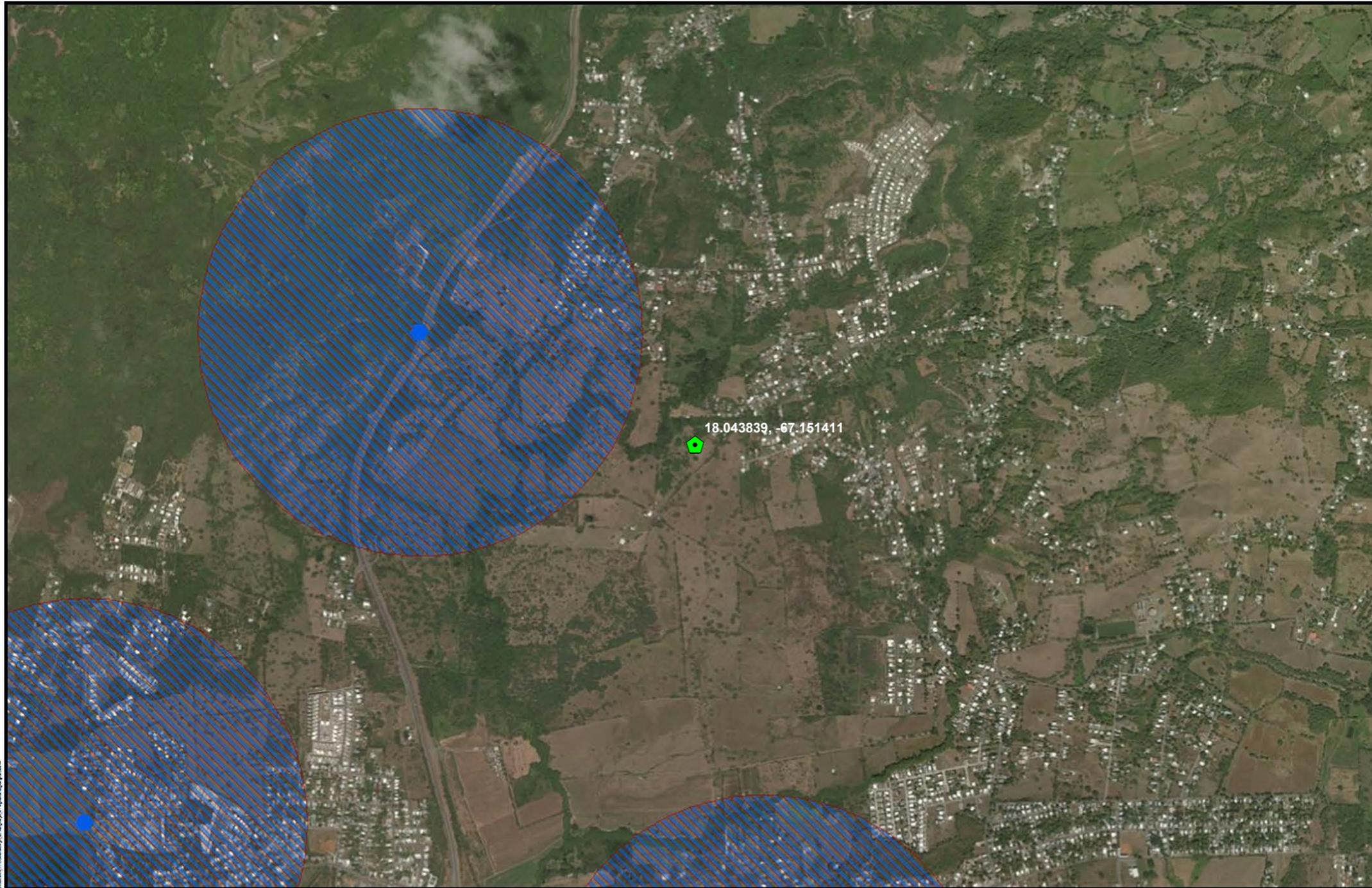


Source: NOAA's Ocean Service
<https://data.noaa.gov>

Author: TG Date: 10/4/2022



THE DATA AND INFORMATION SHOWN ON THIS MAP ARE THE PROPERTY OF THE U.S. GOVERNMENT AND ARE FREELY AVAILABLE TO THE PUBLIC. THE DATA AND INFORMATION SHOWN ON THIS MAP ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THOSE FOR WHICH THEY WERE PROVIDED.



Legend

- RCRA
- ⬠ Tier 2 Site
- ▲ Toxic Release Inventory Site
- Superfund Site
- Brownfield Sites
- 3000 Ft Buffer TRI
- 3000 Ft Buffer Superfund
- 3000 Ft Buffer RCRA
- 3000 Ft Buffer Brownfield

18.043839, -67.151411

PUERTO RICO



FIGURE 9: TOXIC CHEMICALS AND GASSES, HAZARDOUS MATERIALS, CONTAMINATION, AND RADIOACTIVE SUBSTANCES

APPLICANT ID: PR-RGRW-00005

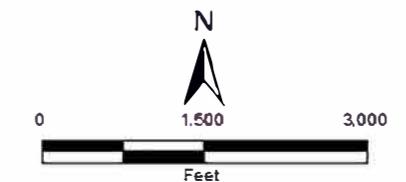
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623



Source: E.P.A.

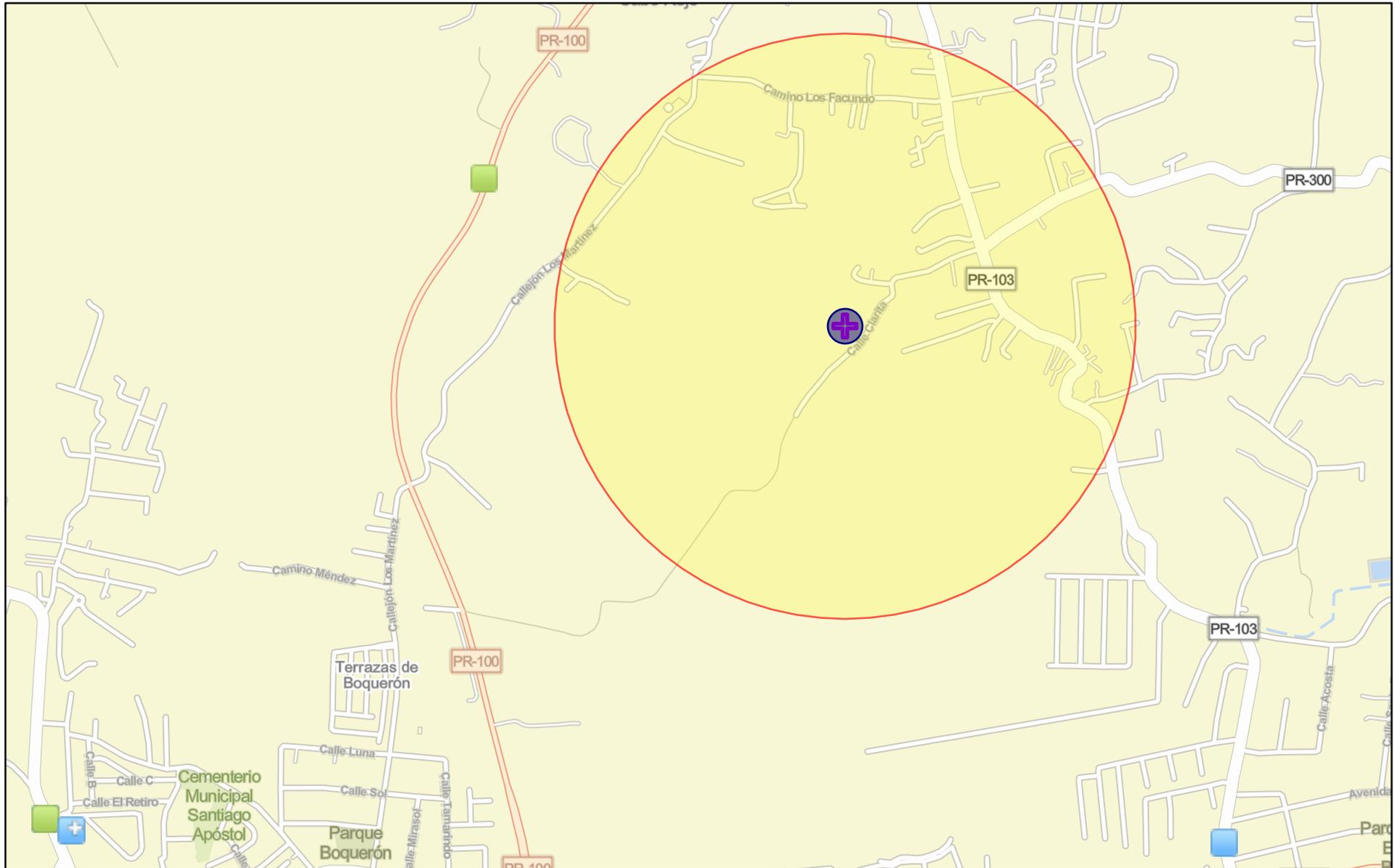
<https://www.epa.gov/fs/geospatial-data-download-service>

Date: 11/2/2022



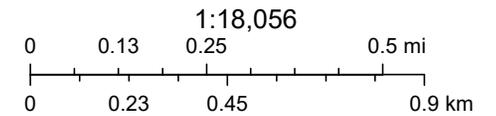
Parcel Coordinates: 18.043839, -67.151411

FIGURE 10: NEPASSIST MAP



March 22, 2023 Parcel Coordinates: 18.043839, -67.151411

-  Water Dischargers (NPDES)
-  Air Pollution (ICIS-AIR)
-  Search Result (point)
-  Water Dischargers (NPDES)
-  Project 3
-  Project Buffer
-  Hazardous Waste (RCRAInfo)



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri



Legend
Tier 2 Site

PUERTO RICO



FIGURE 11: ENDANGERED SPECIES ACT

APPLICANT ID: PR-RGRW-00005

ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

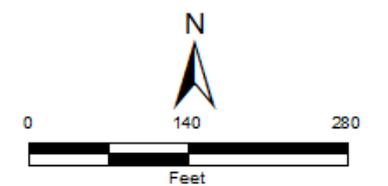
Parcel Coordinates: 18.043839, -67.151411



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

Author: TG

Date: 10/4/2022





Legend

Tier 2 Site

Common Name

Yellow-shouldered blackbird

Distance to Nearest Critical Habitat in feet: 7,191

PUERTO RICO



FIGURE 12: CRITICAL HABITAT

APPLICANT ID: PR-RGRW-00005

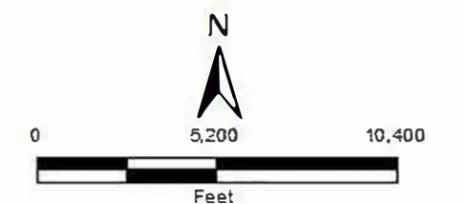
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411



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

Author: TC Date: 2/21/2023





Legend

-  Tier 2 Site
- Farm Class**
-  All areas are prime farmland
-  Farmland of statewide importance
-  Farmland of statewide importance, if irrigated
-  Prime farmland if drained
-  Prime farmland if irrigated
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Prime farmland if protected from flooding or not frequently flooded during the growing season

PUERTO RICO



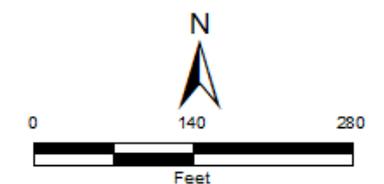
FIGURE 13: FARMLAND PROTECTION

APPLICANT ID: PR-RGRW-00005

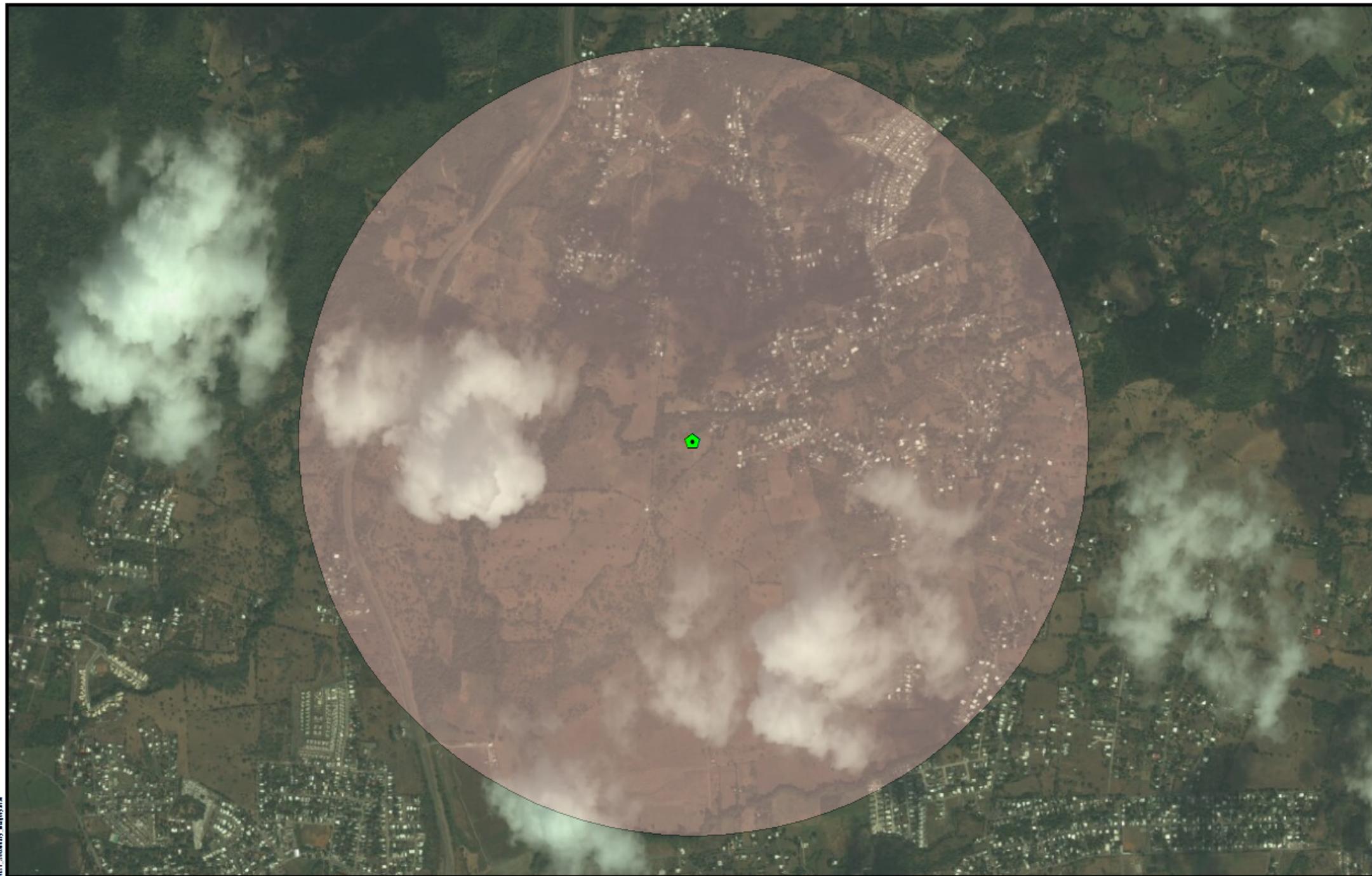
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623



Source: USDA
<https://websoilsurvey.sc.egov.usda.gov>
 Author: TG Date: 10/24/2022



Parcel Coordinates: 18.043839, -67.151411



Legend

-  Tier 2 Site
-  Historic ICP Sites
-  Cultural Resource Building Point
-  Cultural Resource District Point
-  Cultural Resource Site Point
-  Cultural Resource Structure Point
-  Historic Comunidades
-  Traditional Urban Centers
-  Cultural Resource Building Polygon
-  Cultural Resource District Polygon
-  Cultural Resource Site Polygon
-  Cultural Resource Structure Polygon
-  1 Mile Property Buffer

PUERTO RICO



FIGURE 14: HISTORIC PRESERVATION

APPLICANT ID: PR-RGRW-00005

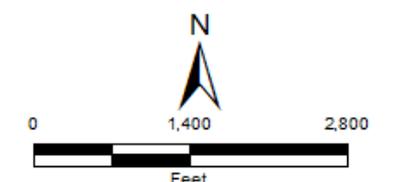
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411

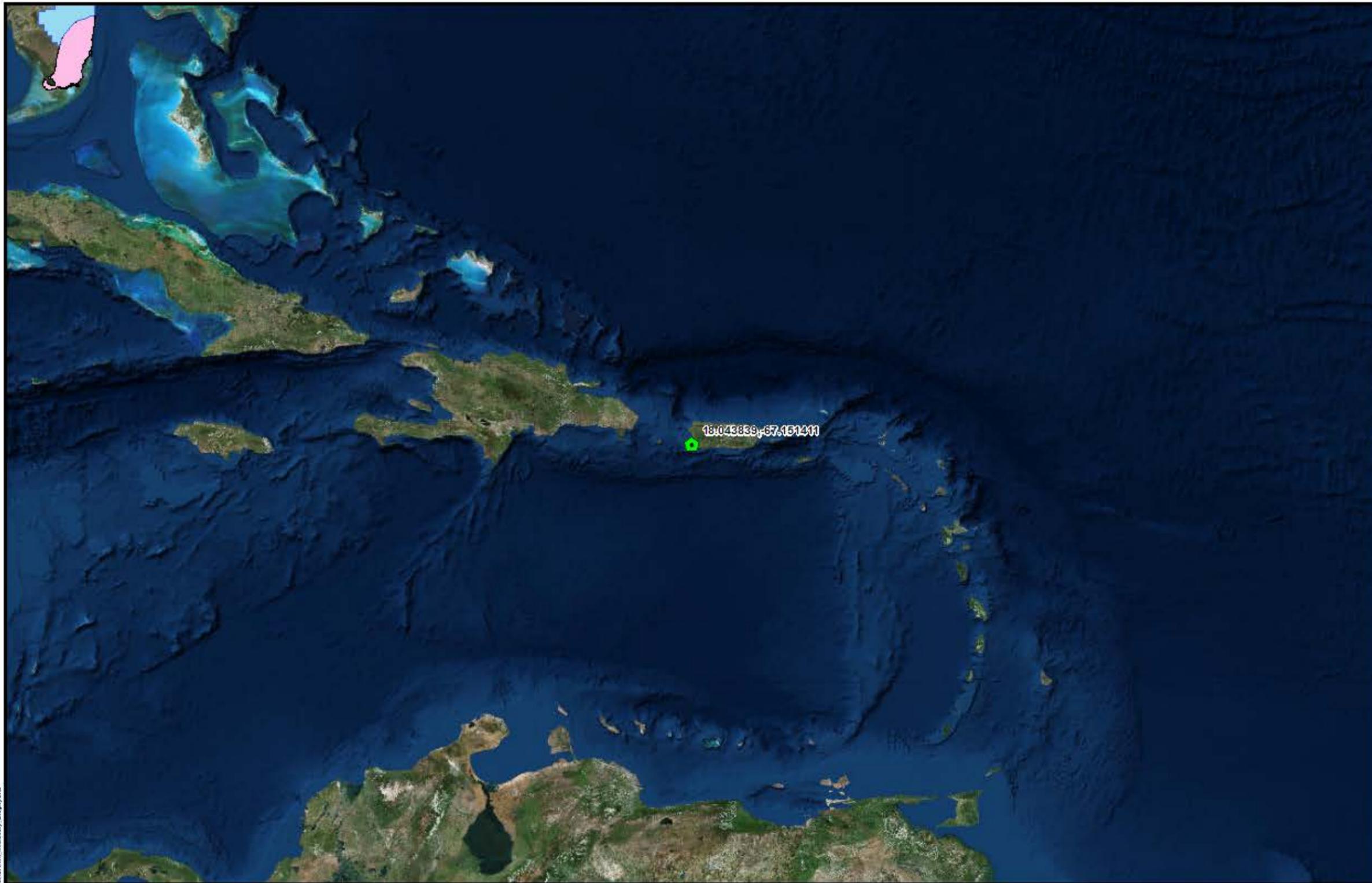


Source: National Park Service
<https://www.nps.gov/>

Author: TG Date: 10/24/2022



THE PINK METADATA INFORMATION AND OTHER INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.



- Legend**
- Tier 2 Site
 - Sole Source Aquifer**
 - Biscayne Aquifer SSA
 - Streamflow and Recharge Source Zones

PUERTO RICO



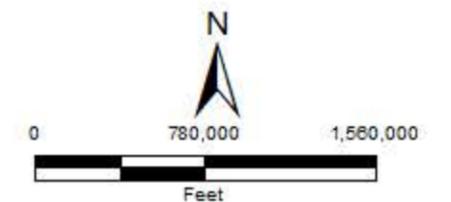
FIGURE 15: SOLE SOURCE AQUIFERS
APPLICANT ID: PR-RGRW-00005

ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623
 Parcel Coordinates: 18.043839, -67.151411

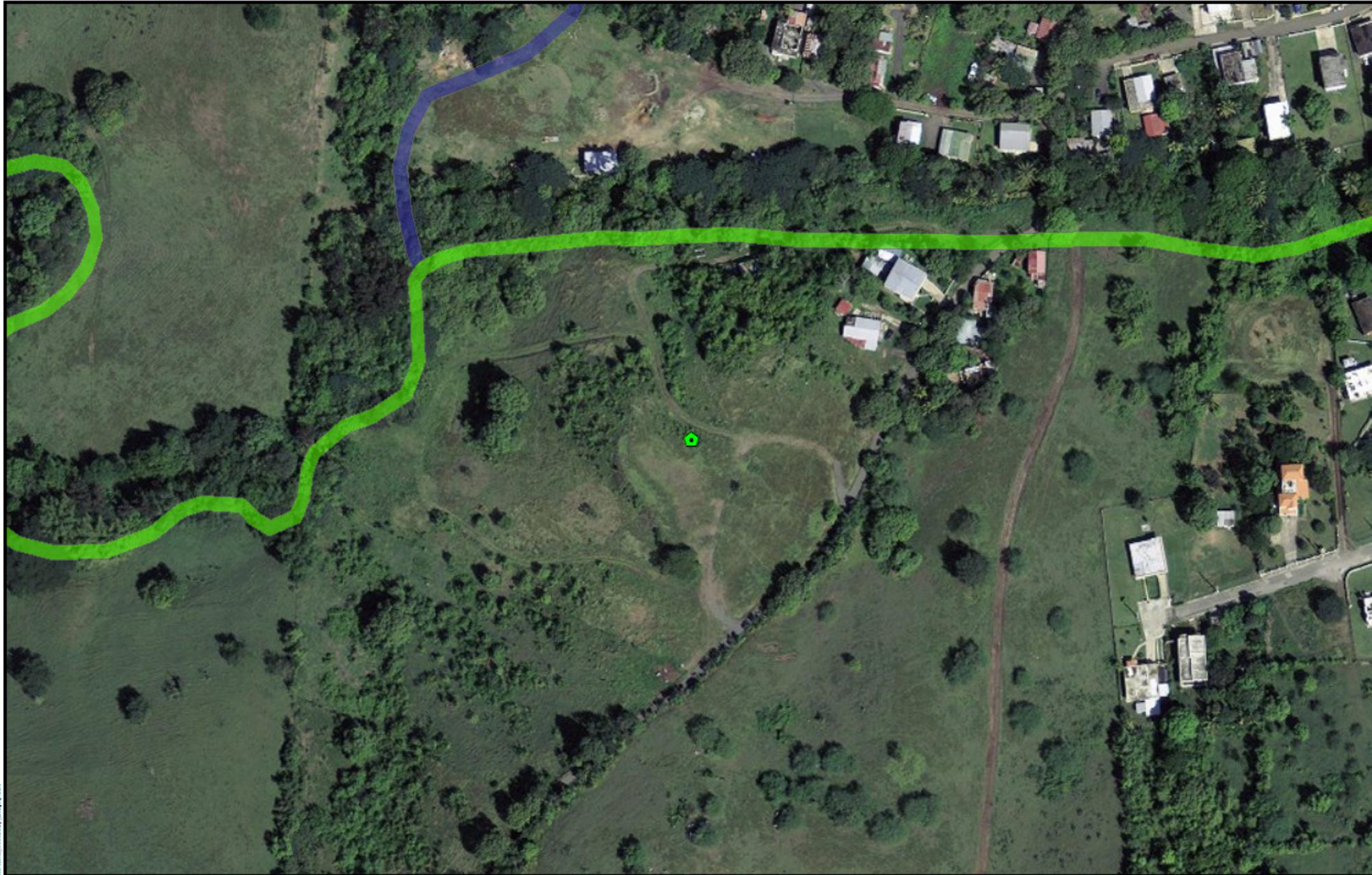


Source: USDOT
<https://www.faa.gov>

Author: TG Date: 2/22/2023



IN THE PUBLIC INTEREST, THE FEDERAL AVIATION ADMINISTRATION HAS REVIEWED THIS DOCUMENT AND HAS DETERMINED THAT IT IS NEITHER NECESSARY NOR FEASIBLE TO REDACT THIS INFORMATION FROM THIS DOCUMENT.



Legend

- Tier 2 Site
- WETLAND TYPE**
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine

PUERTO RICO



FIGURE 16: WETLANDS

APPLICANT ID: PR-RGRW-00005

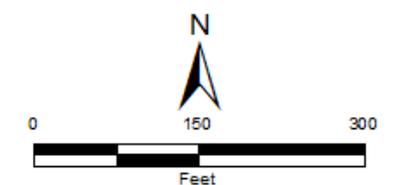
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411



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

Author: TG Date: 10/4/2022



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Legend

-  Tier 2 Site
-  Wild and Scenic Rivers

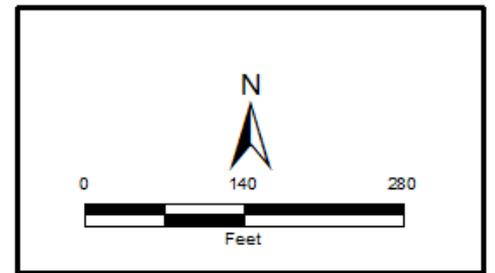
Distance to Nearest Wild and Scenic River in Feet: 479,784

PUERTO RICO



FIGURE 17: WILD AND SCENIC RIVERS ACT
APPLICANT ID: PR-RGRW-00005

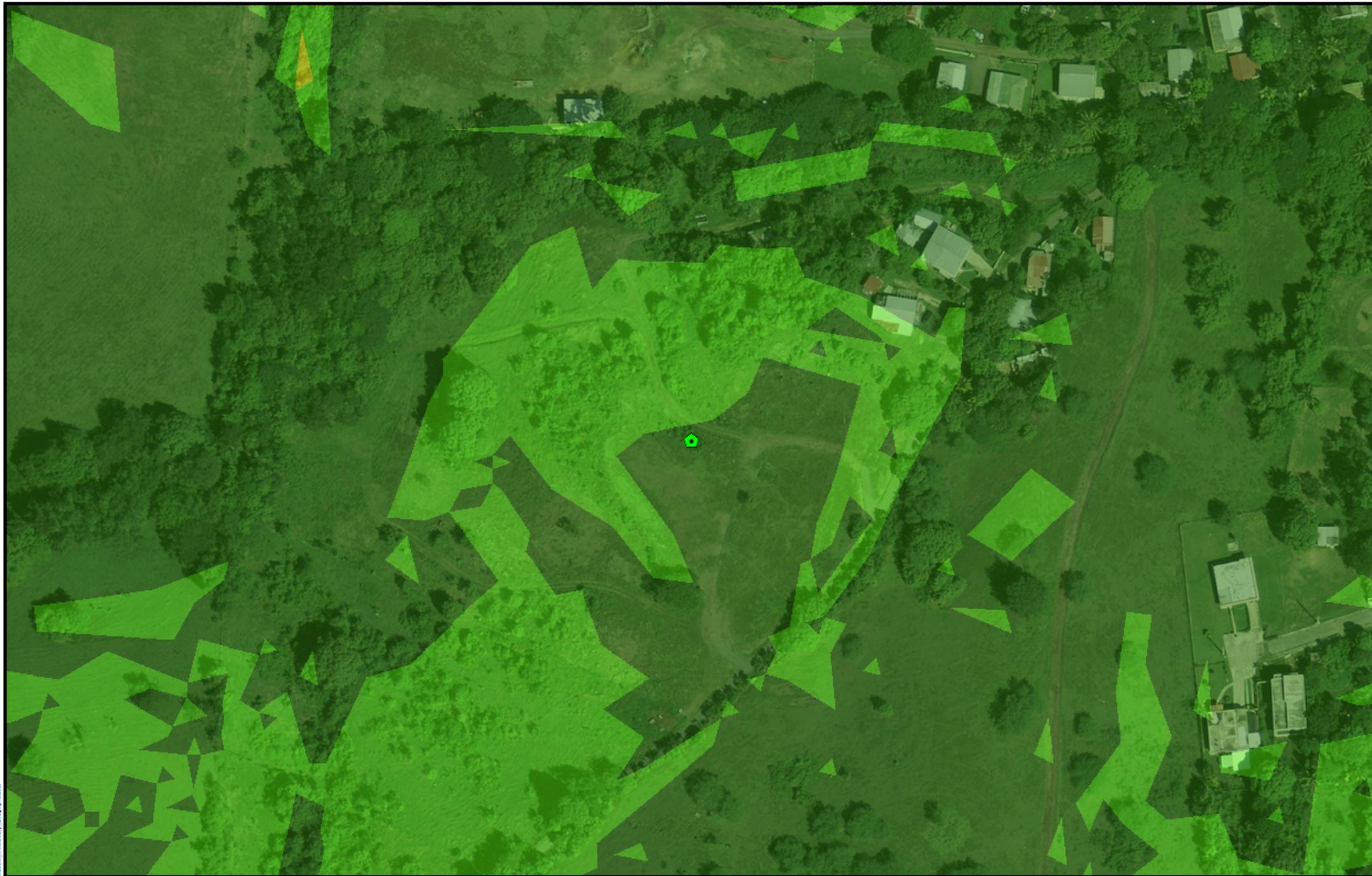
ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623
Parcel Coordinates: 18.043839, -67.151411



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

Author: TG Date: 10/4/2022

FILE: P:\WORK\GIS\PROJECTS\WILD AND SCENIC RIVERS\FIGURE 17\FIGURE 17.mxd



- Legend**
-  Tier 2 Site
- Landslide Susceptibility**
-  Extremely High
 -  Very High
 -  High
 -  Moderate
 -  Low

PUERTO RICO



FIGURE 18: SLOPE AND EROSION

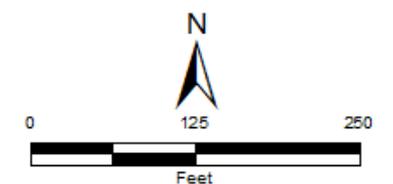
APPLICANT ID: PR-RGRW-00005

ADDRESS: CARR 103 KM 11 HM 4 INTERIOR SECTOR 4 CAMINOS BO. BOQUERO, PR 00623

Parcel Coordinates: 18.043839, -67.151411



Source: PRDOH
<http://maps.mps.a.rogis.com>
<http://www.bap.pv.le.w.e.r/index.html?ti=10506ec07f15491daee17647f19248ee>
 Author: TG Date: 10/4/2022



Appendix C

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 December 31, 2021

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 P_{tv}-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:

[Download National Data as a .csv file](#) | [Data dictionary \(PDF\)](#)

Important Notes

County	NMQS	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	11 12 13 14 15 16 17 18 19 20 21	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18 19 20 21	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21	//		Part	52,441	72/137

Appendix D

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Cabo Rojo County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (787) 834-1600

📠 (787) 851-7440

✉ CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Office Park I

State Road #2 Km 156.5, Suite 303}

Mayaguez, PR 00680

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [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.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS
<p>Puerto Rican Boa <i>Chilabothrus inornatus</i></p> <p>Wherever found</p> <p>No critical habitat has been designated for this species.</p> <p>https://ecos.fws.gov/ecp/species/6628</p>	<p>Endangered</p>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

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.

Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

There are no migratory birds of conservation concern expected to occur at this location.

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 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.

Facilities

National Wildlife Refuge lands

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 at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

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](#).

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Appendix E



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

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

February 9, 2023

Lauren Bair Poche

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

SHPO 02-03-23-01 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-00005 – WEST AVIAN CORP. – CARR. PR-103, KM 11, HM 4 INTERIOR,
SECTOR CUATRO CAMINOS, BO. BOQUERÓN, CABO ROJO, PUERTO RICO

Dear Ms. Bair,

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

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

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MB



February 3, 2023

Carlos A. Rubio Cancela
Director Ejecutivo
Oficina Estatal de Conservación Histórica
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-00005 – West Avian Corp. – Carr. PR-103 Km 11 HM 4 Interior, Sector Cuatro Caminos, Bo. Boquerón, Cabo Rojo, Puerto Rico – *No Historic Properties Affected*

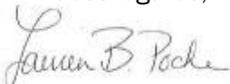
Dear Architect Rubio Cancela,

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 West Avian Corp. in Bo. Boquerón, Sector Cuatro Caminos at Carr. PR-103 Km 11 HM 4 Interior in the municipality of Aibonito. This undertaking will involve the construction of two wagons, chicken tractor/coop, chicks, and a walk-in cooler which will have a footprint of 10' x 10'. This activity will require ground disturbance. 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

Enclosures

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
REgROW PUERTO RICO PROGRAM		
Section 106 NHPA Effect Determination		
Subrecipient: West Avian Corp		
Case ID: PR-RGRW-00005		City: Cabo Rojo

Project Location: Carr. PR-103 Km 11 HM 4 Interior Sector Cuatro Caminos Bo. Boquerón	
Project Coordinates: 18.043839, -67.151411	
TPID (Número de Catastro): 356-056-374-11-000	
Type of Undertaking:	
<input type="checkbox"/> Substantial Repair	
<input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): c1970	Property Size (acres): 2.96

SOI-Qualified Architect/Architectural Historian: Maria F. Lopez Schmid
Date Reviewed: January 9, 2022
SOI-Qualified Archaeologist: Jesus E. Vega, Ph.D.
Date Reviewed: January 7, 2022

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 at the farm West Avian Corp. includes an egg farm in rural land to be purchased for this endeavor, centered at 18.04396° N, -67.15118° W, including the construction of two wagons, chicken tractor/coop, chicks, and walk-in cooler located at Carr. PR-103 Km 11 HM 4 Interior Sector Cuatro Caminos in Bo. Boquerón, Municipality of Cabo Rojo, in compliance with Section 106 NHPA Effect Determination. This activity will require ground disturbance.

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 of West Avian Corp. includes two areas or Scopes of Work in rural land. The Scope of Work #1 includes two wagons 20' long by 10' wide, with a footprint 8' x 40' and a walk-in cooler with a footprint 10' by 10' located at 18.04396° N, -67.15118° W. The Scope of Work #2 includes a chicken tractor for egg-laying hens, on a footprint 30' by 200' located at 18.04376° N, -67.15144. The Scope of Work #2 has a

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: West Avian Corp	
Case ID: PR-RGRW-00005	City: Cabo Rojo

terrace 45' by 185'. The Scope of Work #1 on the south part of the undertaking reaches the end of the parcel. The project is located at Carr. PR-103 Km 11 HM 4 Interior Sector Cuatro Caminos in Bo. Boquerón, Municipality of Cabo Rojo. At the moment of the inspection there was no running water or electricity. Eventually these utilities will be installed. The direct APE includes a 15-meter buffer to all sides. The visual APE is the viewshed of the proposed project.

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are four reported archaeological sites and/or NRHP listed/eligible historic properties within a half-mile radius of the property, listed in Table 1 below. The closest site is identified as 12-2-2002, #10 on the SHPO map, a prehistoric midden with Chicoid ceramics, located 0.33 miles north of the property. The proposed project is located in rural hill terrain, used around sixty years ago for sugar cane cultivation, classified as Descalabrado clay (DsD), with 12 to 20 percent slopes, and Descalabrado clay (DsF), with 20 to 60 percent slopes, surrounded by grassland vegetation cover, 40 meters above the mean sea level. The west coast is 2.05 miles southwest of the property. The closest fresh-water bodies include a tributary of Quebrada Costa 0.02 miles north, Quebrada Costa 0.71 miles southeast, and Quebrada Boquerón 0.96 miles southeast of the property. Most archaeological studies in Barrio Boquerón are at or near the coast. Two Phase 1A-1B studies by Alemán Crespo (1987) and Muñoz Vázquez (1993), within a half-mile radius, do not report any sites at or adjacent to the APE.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: West Avian Corp		
Case ID: PR-RGRW-00005		City: Cabo Rojo

Table 1. Archaeological Sites and/or NRHP Listed/Eligible Historic Properties Within a Half-Mile Radius of Project Area

Name	SHPO ID	IPRC ID	Location	Description	NRHP
Cabo Rojo 12-2-5; Francisco Rivera #125	CR0100027	No data	0.45 mi SE	Undetermined prehistoric shell midden	No data
12-2-2002 #10	CR0100024	No data	0.33 mi N	Prehistoric midden with Chicoid ceramics	No data
12-2-2003 #11	CR0100025	No data	0.35 mi NW	Prehistoric midden with Chicoid ceramics	No data
Cabo Rojo 12-2-6; Tife Fagundo #12	CR0100028	No data	0.50 mi NW	Multi-component sit with prehistoric ceramics	No data

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

Author	Title	Year	SHPO/IPRC ID	Results	Location
Harry Alemán Crespo	Phase 1A-1B, Mejoras al sistema de acueductos	1987	CAT-CR-87-02-04	Positive	0.33 mi N
José Muñoz Vázquez	Phase 1A-1B, Mejoras al sistema de acueductos	1993	CAT-CR-93-07-08	Positive	0.33 mi N

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is **not** within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center / Historic District. Additionally, there are **no** National Register of Historic Places (NRHP)-eligible or listed properties within a half-mile radius of the property. There are no buildings within the parcel's scope of work.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: West Avian Corp	
Case ID: PR-RGRW-00005	City: Cabo Rojo

Determination

The following historic properties have been identified within the APE:

- Direct Effect:
 - N/A
- Indirect Effect:
 - N/A

Based on the results of our historic property identification efforts, there are four reported archaeological prehistoric sites or significant cultural properties within a half-mile radius of the proposed project area, but none closer than 0.33 miles from the APE. There are no known archaeological sites or NRHP listed/eligible historic properties within or adjacent to where the direct Area of Potential Effect (APE) of case PR-RGRW-00005 is located. The proposed project area is not within the boundaries or visual APE of any NRHP listed/eligible historic properties, or to a Traditional Urban Center or Historic District. The surrounding terrain has been used for sugar cane cultivation in the past with minor construction of agricultural infrastructure. Therefore, the Program has determined that the project actions described in the undertaking will not impact any cultural properties.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: West Avian Corp	
Case ID: PR-RGRW-00005	City: Cabo Rojo

Recommendation

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

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

This Section is to be Completed by SHPO Staff Only

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

Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Project (Parcel) Location – Area of Potential Effect Map (Aerial)



File Path: Z:\aerial\030722\030722\030722\030722.mxd



Source: CRIM

Author: TG

Date: 10/7/2022

Legend

-  Tier 2 Site
-  Parcelario
-  Area of Potential Effect

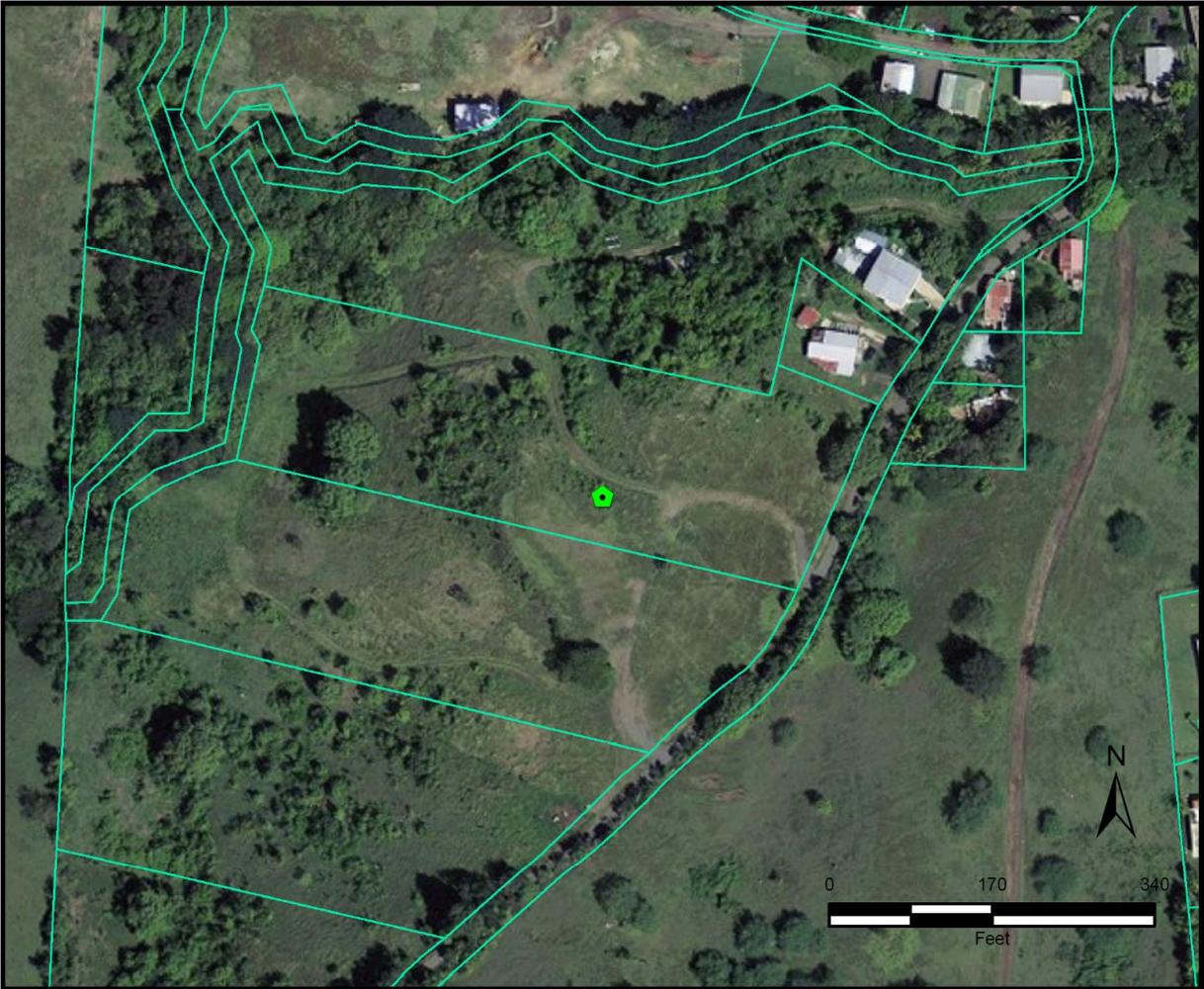


Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Project (Parcel) Location - Aerial Map



File Path: \\nas1009\GIS\COOP\PR\GIS\Share\DR\kaba\US\PR\TIER2\PR_ILDC.mxd



Source: CRIM

Author: TG

Date: 9/22/2022

Legend

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

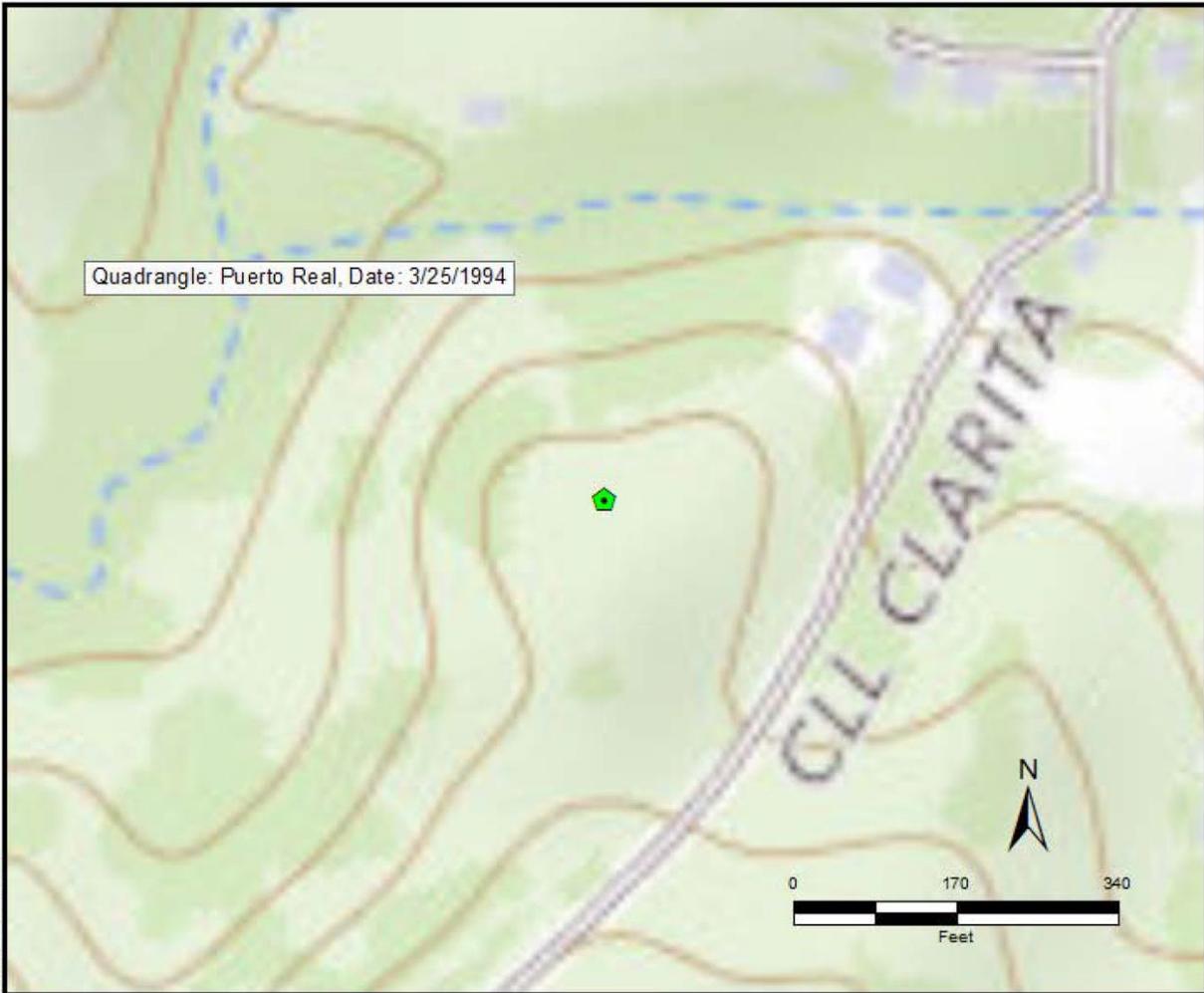


Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Project (Parcel) Location - USGS Topographic Map



Source: USGS

Author: TG

Date: 9/29/2022

Legend

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

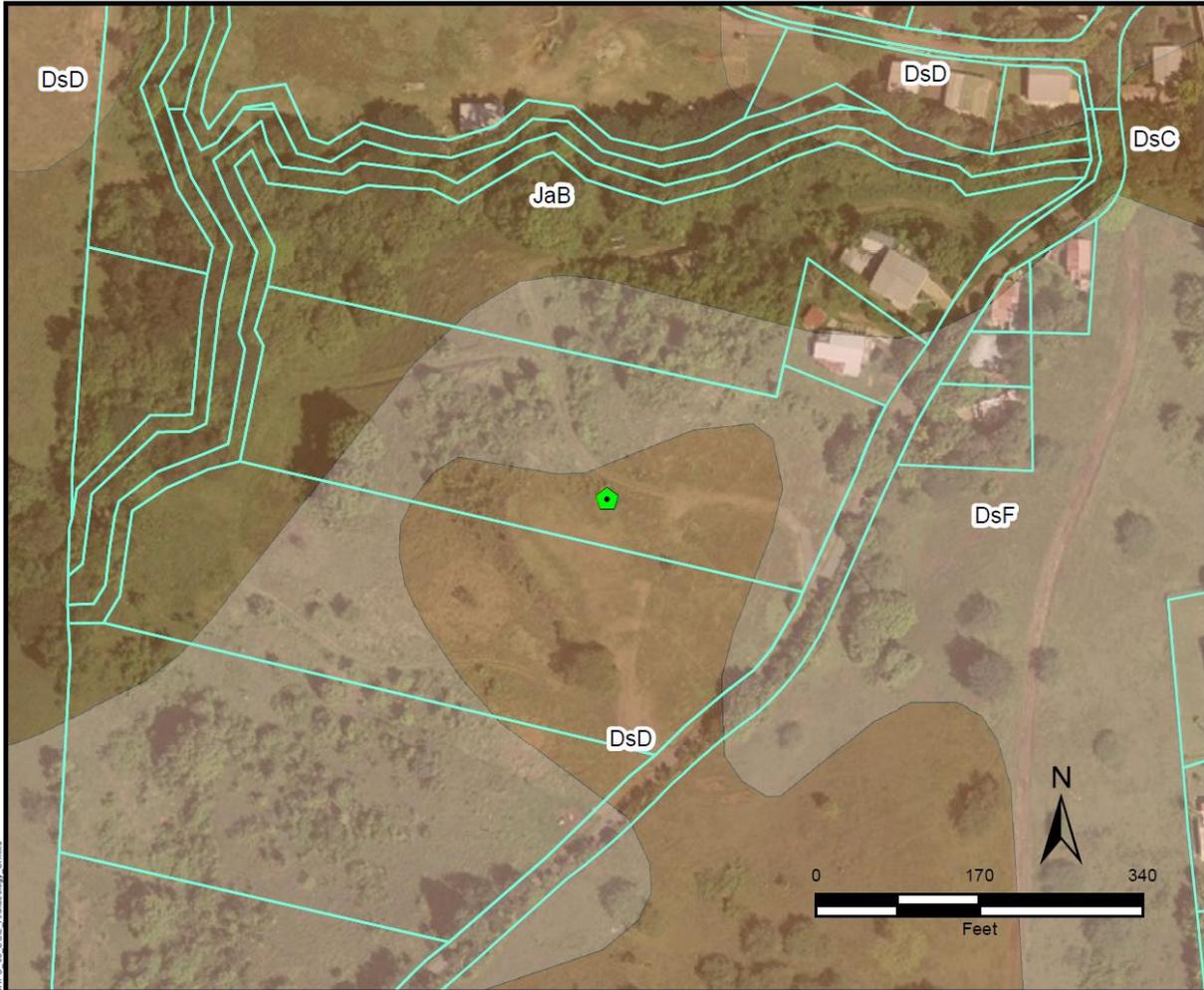


Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Project (Parcel) Location – Soils Map



File Path: \\nas100gpa11\CORP\ACQ\Shawn\TDR\data\USPRT\@SHP\03_SDL_Anchorology_S1.mxd



Source:USDA

Author: TG

Date: 9/30/2022

- Legend**
-  Tier 2 Site
 -  Parcelario
- Soil Type**
-  DsC; Descalabrado clay, 2 to 12 percent slopes
 -  DsD; Descalabrado clay, 12 to 20 percent slopes
 -  DsF; Descalabrado clay, 20 to 60 percent slopes
 -  JaB; Jacana clay, 0 to 5 percent slopes

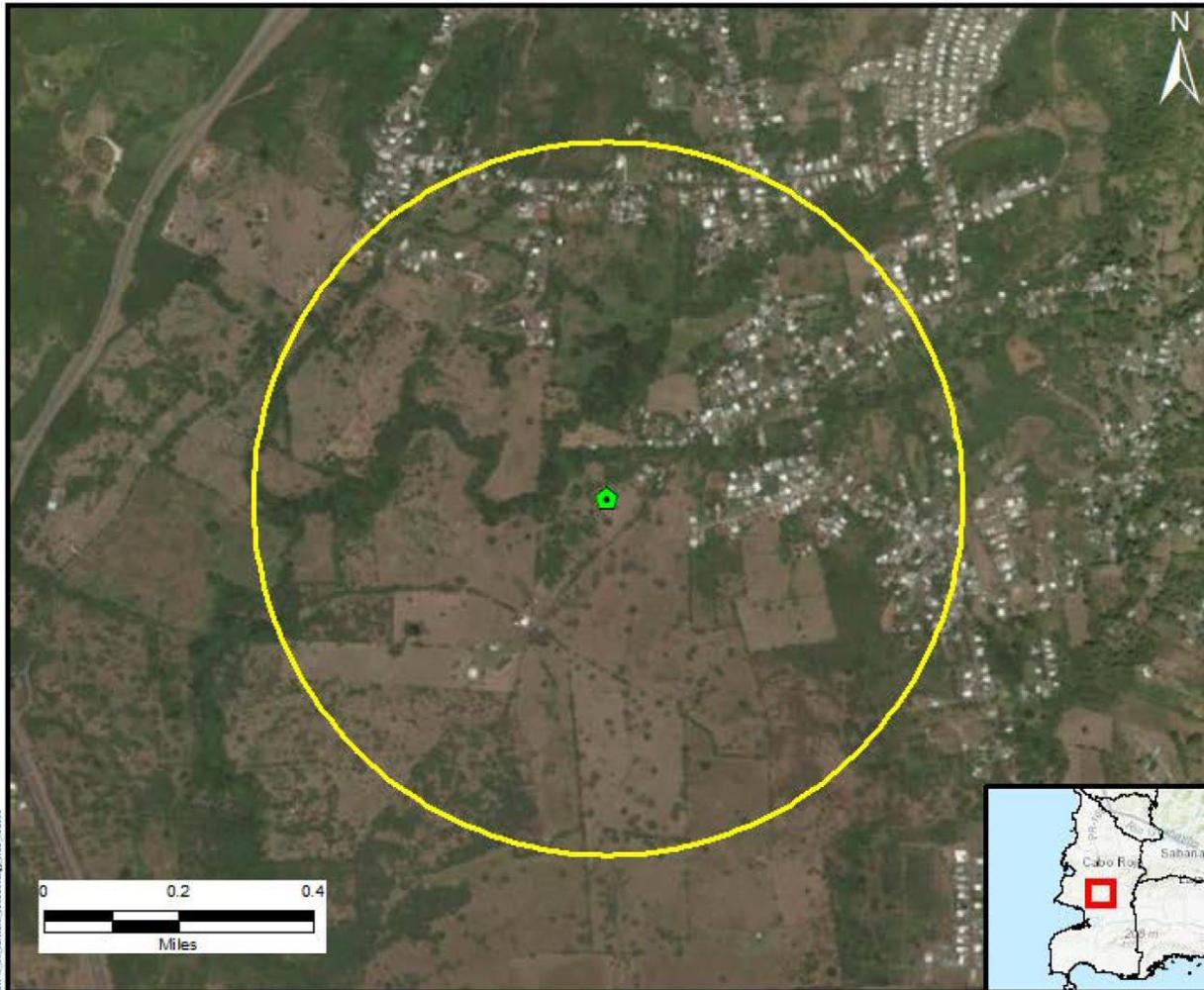


Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Project (Parcel) Location with Previous Investigations - Aerial Map



Source: National Park Service

Author: TG

Date: 9/29/2022

Legend

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

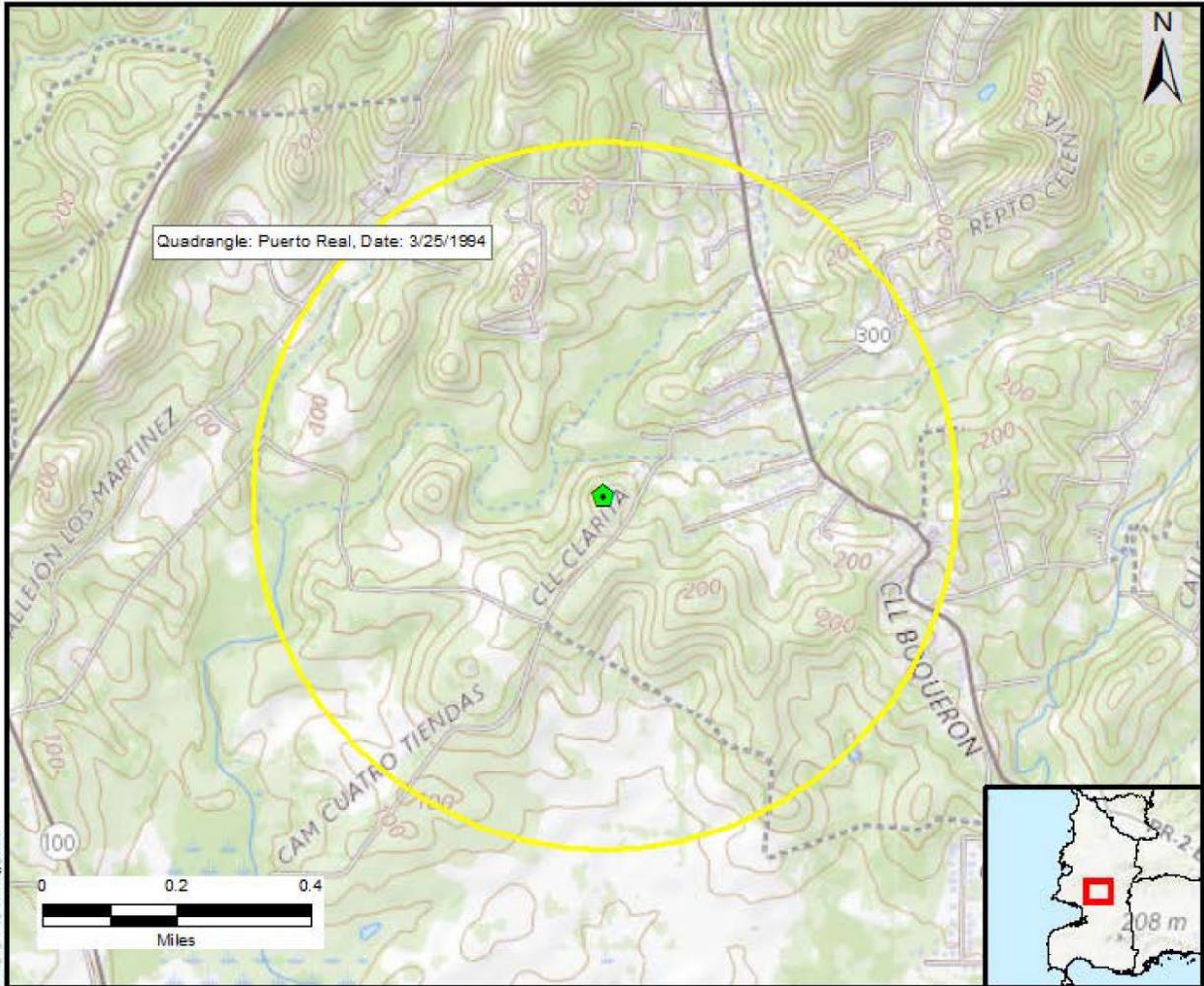
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Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

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



Source: National Park Service

Author: TG

Date: 9/29/2022

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

Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo

Photograph Key



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

ReGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo



Photo # 1:

Description (include direction): Southwest

Date: 11/17/2022

Scope of Work Area 1

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

REGROW PUERTO RICO PROGRAM

Section 106 NHPA Effect Determination



Subrecipient: West Avian Corp

Case ID: PR-RGRW-00005

City: Cabo Rojo



Photo # 2:

Description (include direction): West

Date: 11/17/2022

Scope of Work Area 2



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT