

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-01546

Project Name: Heriberto Collazo Montero

Responsible Entity: Puerto Rico Department of Housing

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: Puerto Rico/Utuado

Preparer: Gabriela Rodríguez

Certifying Officer Name and Title: Permit and Compliance Officers: Pedro De León Rodríguez.

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

00091 **Direct Comments to:** PRDOH (environmentcdbg@vivienda.pr.gov)

Project Location: Bo. Don Alonso Arriba, Carr.140 km 33.2, Utuado, PR, 00641

The property is 2.78-acre site located at Bo. Don Alonso Arriba, Carr.140 km 33.2, Utuado, PR, 00641 (Parcel ID: 163-031-415-17-000). The coordinates of the project site are 18.299339, -66.622395.

This land/farm was previously used for coffee and plantain production and is currently used for coffee and plantain production.

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

The proposed total project area is approximately 0.37 acres. The proposed project is for the purchase and installation of a greenhouse, purchase and installation of a water cistern (will require a 6-foot by 6-foot concrete pad), purchase of a portable electric generator (electric generator will not require ground disturbance), and the purchase of a UTV.

Scope of Work #1:

The Scope of Work (SOW) is for installation of a greenhouse with a footprint of 40' x 15' in metal with Saran shade net. This greenhouse will be used for growing cilantro.

Terrace

available with approximately 50' x 30'. The green house will be located at 18.299279, -66.622262.

Scope of Work #2:

The SOW is for the installation of a 700-gallon above ground water cistern. The cistern will be placed on a 6-foot by 6-foot concrete pad to be constructed adjacent to the greenhouse at 18.299279, -66.622262. Since the cistern is going to be located next to the greenhouse same coordinate location has been used as part of the consultation and evaluation process of the project.

Water and electricity will be supplied to the new greenhouse and cistern from the existing connection to the applicants home via underground PVC piping. The electric connection will be 3-feet underground, approximately 50 linear feet. The water connections will be 1-foot underground, approximately 30 linear feet. While the applicant plans to pay for this activity themselves and no HUD funds would be utilized for this portion of work, the potential impacts from this action are included in the analyses below and it is contained within the delimited Area of Potential Effect (APE). This APE has been extended to the utility point of connection at the applicant residence to allow for future utility connections. The visual APE is the viewshed of the proposed project.

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 island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. The purpose of this project is to increase the productivity of the farm. This agricultural project associated with the purchase and installation of a new greenhouse and a water cistern, and the purchase of a portable power generator and a UTV is keeping with the overall objectives of the Economic Development Program.

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

The existing area for the proposed purchase and installation of a greenhouse is and traditionally has been used for agricultural purposes. Therefore, there is no change in land use associated with this project and 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
- Appendix B – Maps
- Appendix C – Additional Documentation
- Appendix D – Endangered Species
- Appendix E – SHPO Consultation

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001, B-18-DP-72-0001, B-19-DP-78-0002, B-18-DE-72-0001	Community Development Block Grant – Disaster Recovery (CDBG-DR)	\$11,938,162,230

Estimated Total HUD Funded Amount: \$45,946.39

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$45,946.39

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 proposed project consists of the purchase and installation of a greenhouse and a 700 gallons water cistern, and the purchase of a UTV and an electric portable generator. The nearest civil airport is approximately 105,385 feet from the proposed site. The nearest military airport is approximately 216,103 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 .
<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This proposed project is not located in a CBRS Unit. The proposed project is located 68,461 feet southeast of the nearest CBRS. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. Refer to Figure 3 in Appendix B.</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project site is located in Zone X, areas of minimal flood hazard, as per FEMA Flood Insurance Rate Map (FIRM) 72000C0640H, effective date April 19, 2005. This project is in compliance with Floodplain Insurance requirements. (See Figures 4 and 5 in Appendix B.)</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project site is not located in a county or air quality management district that is in non-attainment status for any criteria pollutants. The Municipality of Utuado is not listed in the EPA Green Book "Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants" (See the List in Appendix C). The proposed purchase and installation of a greenhouse and the installation of a water cistern on a concrete pad to be constructed, would 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 proposed project is located 58,884 feet to the southeast of the nearest Coastal Zone Management area 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 7 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 May 16, 2023, noted no debris, rubbish, visible signs vegetative stress, contamination, or toxic substances at the project site.</p>

		<p>Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project. There are no sites of environmental concern identified within 3,000 feet of the project site.</p> <p>The project consists of the purchase and installation of greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator.</p> <p>Refer to Figures 8 and 9 in Appendix B. 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 consists of the purchase and installation of greenhouse and a water cistern, the construction of a concrete pad for the cistern, and the purchase of a UTV and an electric portable generator in an area that has been used for agricultural purposes.</p> <p>According to EPA NEPAAssist Enviromapper, no endangered species or critical habitat are identified at the project site area. The nearest critical or proposed critical habitat is 9,741 feet to the northwest of the project location. The Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website lists, the Puerto Rican Boa, Puerto Rican Broad-winged Hawk, Puerto Rican Harlequin, and Puerto Rican Parrot as being able to be found in the area, but there are no critical habitats for them at this location.</p> <p>A site-specific review of endangered species was conducted in accordance with the Fish and Wildlife Act (47 Stat. 401, as amended: 16 U.S.C. 661 et seq.) and the Self-Certification guidelines in the 2014 USFWS Caribbean Ecological Services Field Office Blanket Clearance Letter (See Appendix D).</p> <p>The proposed project will have No Effect on listed species or habitats. Based on the nature of the project, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, it was determined that there would be No Effect for any of the listed species. The proposed purchase and installation of a</p>

		<p>greenhouse and construction of a concrete pad will not involve cutting down any trees and located behind an existing residential structure. Additionally, there are no critical habitats in the proposed project area.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines and the July 27, 2023 Amended Programmatic Biological Opinion.</p> <p>Refer to Figures 10 and 11 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. 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 project site is not designated as prime farmland. The proposed purchase and installation of a greenhouse and a water cistern, and the construction of a concrete pad does not include any activities that could potentially convert agricultural land to nonagricultural use. Although the project includes new construction, the project is exempt from review under the Farmland Protection Policy Act (FFPA) as the project is limited to construction of on-farm structures needed for farm operations. No further review is required.</p> <p>This project is in compliance with the Farmland Protection Policy Act. Refer to Figure 12 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 72000C0640H, effective date April, 19 2005. The site is not located in an Advisory Base Flood Elevation (ABFE) special flood hazard area. See Figures 4, 5, and 6 in Appendix B. The</p>

		project is in compliance with Floodplain management requirements.
<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 June 23, 2023, by an SOI Qualified Architect/Architectural Historian. Additionally, the site was evaluated on August 9, 2023 by and SOI Qualified Archaeologist. Documentation with maps was subsequently submitted to SHPO on September 8, 2023. SHPO concurred with a finding of No Historic Properties Affected within the project's Area of Potential on Effects on September 15, 2023.</p> <p>Refer to Figure 13 in Appendix B and the report in Appendix E. This project is in compliance with Historic Preservation requirements.</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 proposed project consists of the purchase of greenhouse, UTV, electric portable generator, and a water cistern. 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.</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 north coast is 69,039 feet to the northwest of the property. The closest fresh-water bodies is the Rio Limon, 1,837 feet to the southeast of project area.</p> <p>The NWI maps show no wetlands on the proposed project area or adjacent to the proposed project area. This proposed project will not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section. under Executive Order 11990.</p> <p>The project is in compliance with Executive Order 11990. Refer to Figure 14 in Appendix B.</p>

Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 287,355 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 15 in Appendix B .
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	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, the proposed activity complies with Executive Order 12898.

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

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

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land	2	The proposed project is located on a private farm. The proposed project consists of the purchase and installation of a greenhouse and a water cistern (will require the construction of a 6-foot by

Use and Zoning / Scale and Urban Design		6-foot concrete pad), purchase of a portable electric generator (electric generator will not require ground disturbance), and the purchase of a UTV. The project site is zoned as SREP-A (Suelo Rústico Especialmente Protegido-Agrícola (Specially Protected Rustic Land - Agricultural). The proposed action is compliant with the current rural residential/agricultural land use of the project area.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The proposed project is in mountainous terrain previously and currently used for cultivating coffee and plantains. Soils in the proposed project area are classified as Consumo Clay and Morado Clay Loam soils both at 40 to 60 percent slopes, surrounded by secondary forest vegetation cover, 400 meters above mean sea level.</p> <p>Projects larger than 1 acre must comply with the CWA and develop a SWPPP with the NPDES. The proposed project area is approximately 0.37 acres.</p> <p>The proposed location of the greenhouse and water cistern has been previously cleared of vegetation and has been maintained, Area has not been graded.</p> <p>The project sites in area is rated “moderate” for landslide susceptibility (see Figure 16 in Appendix B).</p> <p>Standard construction BMPs would be used to control erosion and runoff during construction.</p> <p>There will be little to no additional runoff associated with the project.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>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.</p> <p>There is no access to the project area by the public. Standard BMPs, such as construction fencing, would be applied to protect the farm residents and public from typical construction hazards.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
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. However, since the project will

		include an economic component, it may aid in restoring some employment opportunities and increase income. 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 Justice	2	The purchase of greenhouse, UTV, electric portable generator, and a water cistern will result in restoration and increase in income and potential employment opportunities in the local area. The impacts would be beneficial.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
Commercial Facilities	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. 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	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. 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	Waste vegetation from any clearing activities will either be composted on site or at regional composting centers. Soil from any grading would be recycled on the farm as fill. Left over construction materials that could be reused on the farm (e.g., piping, structural materials) would be stored for later use. The remaining construction solid waste materials would be collected for transport to the local landfill. The amount of impact of solid waste resulting from the construction of the proposed project would be minor. During operations, the products and byproducts would be agricultural, which waste would be biodegradable.

Wastewater / Sanitary Sewers	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current conditions would remain unchanged.
Water Supply	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. Water will be supplied to the new greenhouse from the existing connection to the residential structure via above underground PVC piping. The proposed project will have minor impact on water usage.
Public Safety - Police, Fire and Emergency Medical	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. 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 an existing agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur in land previously used for agricultural purposes and will continue in that capacity. The proposed project will have no impact on vegetation and wildlife.

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		

Climate Change Impacts	2	<p>The Project consists of the purchase and installation of a greenhouse and a water cistern, and the purchase of a UTV and an electric portable generator. This is a small agricultural project with no measurable impact on climate change factors.</p> <p>The project area is rural and does not have urban heat island effects.</p> <p>There would be no changes to the site configuration or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity.</p> <p>With respect to climate change impact on the project, agricultural activities could be affected by drought.</p>
Energy Efficiency/Energy Consumption	2	<p>The project site already has electric power connections. There would be no change in energy demand in the area.</p> <p>The new greenhouse and water cistern will be sited next to the existing residential structure, an area already developed with existing electrical connections. Electricity will be supplied to the new greenhouse from the existing connection to the applicants home via underground PVC piping. The electric connection will be 3-feet underground, approximately 50 linear feet. The proposed project will have minor impact on energy usage.</p>

Additional Studies Performed: None

Field Inspection (Date and completed by): Carlos O. Medina, 5/16/2023

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 will include a FONSI / NOI-RROF in compliance with NEPA regulations for HUD.

Cumulative Impact Analysis [24 CFR 58.32]:

In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the proposed project. The agricultural activities at the farm would increase to a minor degree above current levels due to the implementation of the project. Water and electric use would increase to a minor degree in the new greenhouse.

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 their property. The proposed use of grant funds will allow the applicant to expand the cultivation of agricultural products in the new greenhouse. 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. The actions are proposed in an area close to the existing residential

structure in order to access the existing electric and water connections. Alternative locations on the property would be farther from the existing utility connections and would require extensive tree removal and grading.

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

Under the No Action Alternative, the applicant would not receive federal funding for construction of a new greenhouse 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 no adverse effects on the environment nor is there the requirement for further consultation with federal agencies associated with the topics evaluated above. There are no environmental review topics addressed above that result in the need for additional formal compliance steps with federal agencies or the requirement for mitigations other than those listed below. There may be additional approvals or permits from local agencies. For example, permits may be required from PRDNER for any water or other utility connections and the Office of Permit Management (OGPe) is responsible for granting permits, licenses, certifications, consultations, construction, and any other procedure necessary for business development and land use in Puerto Rico. The appropriate and necessary permits should be obtained by the applicant and/or contractor, from the appropriate department, prior to construction activities.

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

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

Law, Authority, or Factor	Mitigation Measure
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Standard construction BMPs would be used to control erosion and runoff during construction.
Permits or Agency Approvals Required	
Permit or Approval	Permit Conditions
Ground disturbance	Projects whose earthworks are more than 40 m ³ must submit an Incidental Permit to the OGPe. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities.
Utility Connections- LUMA/PRASA	The project does not involve new utility connections. Facilities have local utility services connections. However, the

	applicant is responsible for any permits or actions to ensure legalization of utility connections (if needed) prior to construction activities.
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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: 1/11/2024

Name/Title/Organization: Gabriela Rodriguez Rosario, Senior Environmental Scientist, Tetra Tech Inc.

Certifying Officer Signature:  _____ Date: 1/31/2024

Name/Title: Pedro A. de León Rodríguez, MSEM/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

Site Inspection and Photos

Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-01546		
Applicant Name	Heriberto Collazo Montero		
Property Address	Bo.Don Alonso Arriba Carr.140 km 33.2		
Parcel ID	163-031-415-17-000		
Coordinates	18.299279, -66.622262		
Inspector Name	Carlos O. Medina		
Inspection Date	05/16/2023		
Building Type	N/A		
Number of Units	0		
Number of Stories	0		
Year Built; Data Source	N/A		
ENVIRONMENTAL OBSERVATIONS (attach photos and notes, as necessary, for any YES answers)			
OBSERVATION ITEMS	YES	NO	COMMENTS
A. Is the structure in use ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B. Is structure a greenhouse ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is Electricity connected ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Power to the greenhouse will be from applicant house.
D. Is water connected ? (Utilities or Well)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water will use from an existing connection from the applicant house.
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 type="checkbox"/>	<input checked="" type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	
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:

Re Grow Additional Notes:
Case: PR-RGRW-01546
Project Name: Heriberto Collazo Montero
Coordinates: 18.299279, -66.622262

Is the field graded? For what purpose the field was graded? Month, Year: field is not graded, only trimmed.

Scope of Work: Purchase of greenhouse, UTV, electric generator, and water cistern.
Note: electric generator will not require ground disturbance, will be portable.

Land current in use for: coffee and plattains

Past Land use was: coffee and plattains

The applicant plans to do: Construction of a greenhouse, Installation of a water cistern, Installation of a electric generator (electric generator will not require ground disturbance)

Where the applicant plans to do the ground disturbances for the scopes of work, add the coordinates, descriptions and approximately the measurements:

Scope of work 1: 18.299279, -66.622262
Construction of a greenhouse with a footprint of 40' x 15' in metal with Saran shade net. This greenhouse will be use for hydroponics cilantrillo. Terrace available with approximately 50' x 30'.

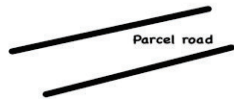
Scope of work 2: 18.299279, -66.622262
Installation of a water cistern of 700 gallons, overground. Applicant will construct a concrete pad of 6' x 6'. Adjacent to the greenhouse.

Any new water connection or power connection?
Power, applicant will do a connection from his house to the greenhouse, 3' underground, approximately 50' linear.
Water, applicant will do a connection from his house to the greenhouse, 1' underground, approximately 30' linear.

Site Sketch



Applicant house



Scope of work

Front of Structure

Photo Direction: Northeast



Facing Away From Front

Photo Direction: Southwest



Side #1 of Structure

Photo Direction: Northeast



Facing Away From Side #1

Photo Direction: Southwest



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: Southwest



Streetscape #2

Photo Direction: Northeast



Address

Photo Direction: Northeast



Outbuildings

Photo Description: Applicant house

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

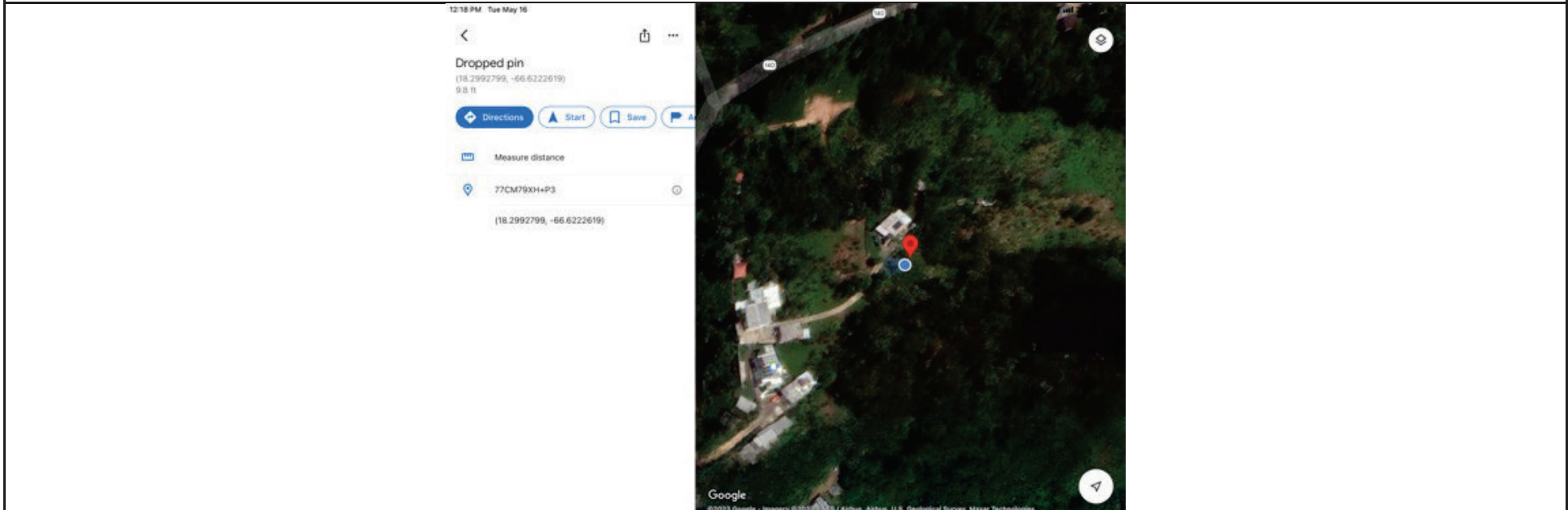
Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: North



Electricity Connected

Photo Description: Power connected

Photo Direction: North



Water Connected

Photo Description: Water coonected

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work: grennhouse and water cistern pad

Photo Direction: Northeast



Scope Of Work

Photo Description: Scope of work: greenhouse and water cistern pad

Photo Direction: North



Scope Of Work

Photo Description: Scope of work: greenhouse and water cistern pad

Photo Direction: West



Scope Of Work

Photo Description: Scope of work: greenhouse and water cistern pad

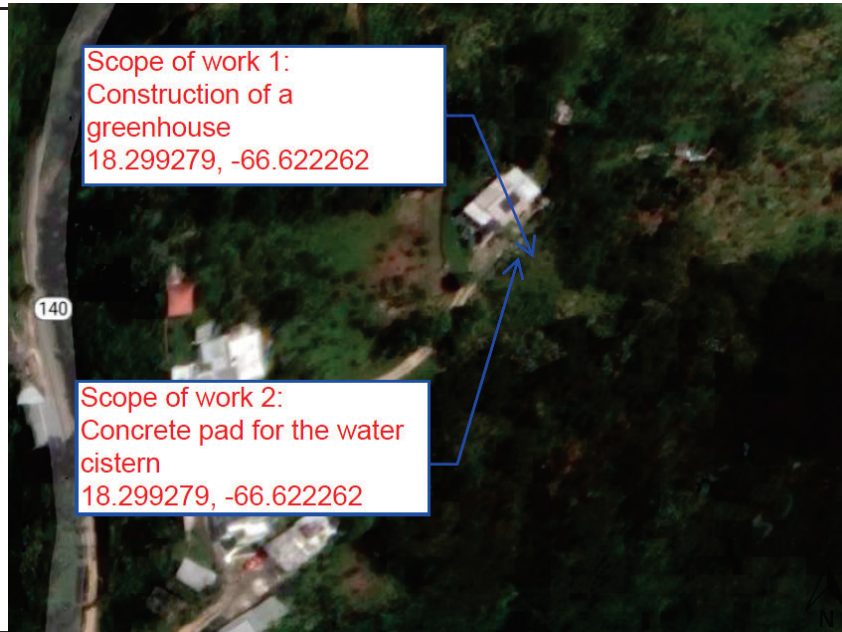
Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work map reference

Photo Direction: North



Scope of work 1:
Construction of a
greenhouse
18.299279, -66.622262

Scope of work 2:
Concrete pad for the water
cistern
18.299279, -66.622262

APPENDIX B

Maps



- Legend**
- Project Parcel
 - 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: 105385 FEET**

PUERTO RICO

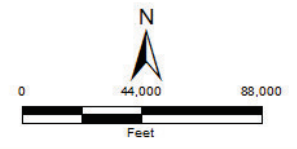


Figure 2: AIRPORT ZONES
APPLICANT ID: PR-RGRW-01546
 ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641
 Name of Development: Heriberto Collazo Montero
 Parcel Coordinates: 18.299279, -66.622262

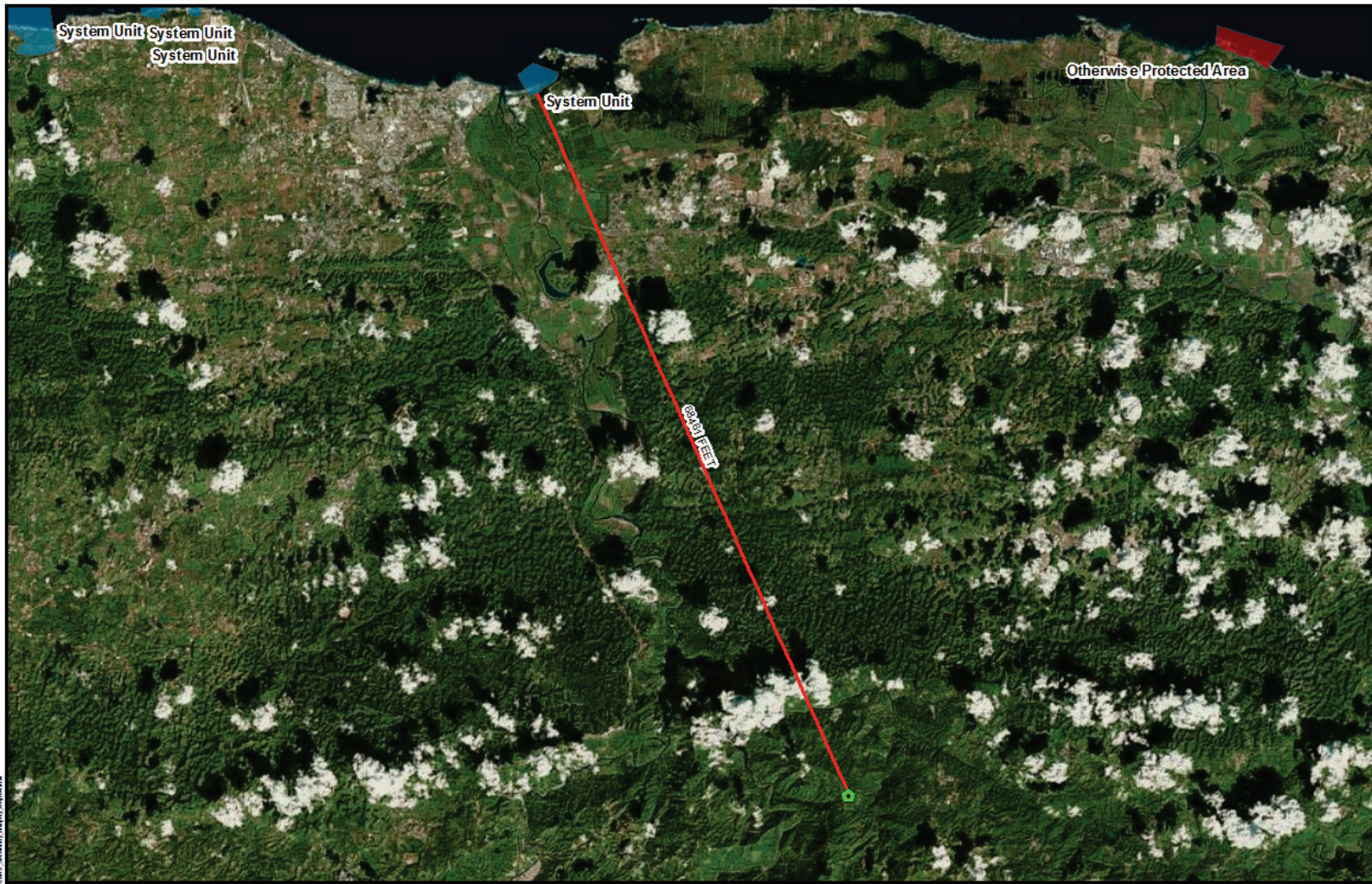


Source: USDOT
<https://www.faa.gov>

Author: TG Date: 6/2/2023



File Path: \\netapp01\proj\GIS\PROJECTS\2023\PR-RGRW-01546\Map_Fig2_Airport_Zones.aprx



Legend

Project Parcel

Coastal Barrier Resources System Unit Type

Otherwise Protected
 System Unit

Distance to Nearest Coastal Barrier Resources System in Feet: 68461 FEET

PUERTO RICO



**Figure 3: COASTAL BARRIERS IMPROVEMENT ACT
 APPLICANT ID: PR-RGRW-01546**

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

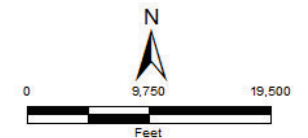
Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279, -66.622262



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

Author: TG Date: 6/5/2023





- Legend**
- Project Parcel
 - FIRM Panels
 - Floodway
 - 100 Yr Floodzone
 - 500 Yr Floodzone
 - Area Of Minimal Flood Hazard
 - Unmapped for Floodplain
 - Area of Potential Effect

PUERTO RICO



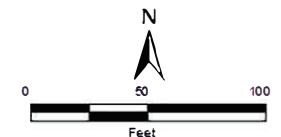
**Figure 4: FLOODPLAIN MANAGEMENT
APPLICANT ID: PR-RGRW-01546**

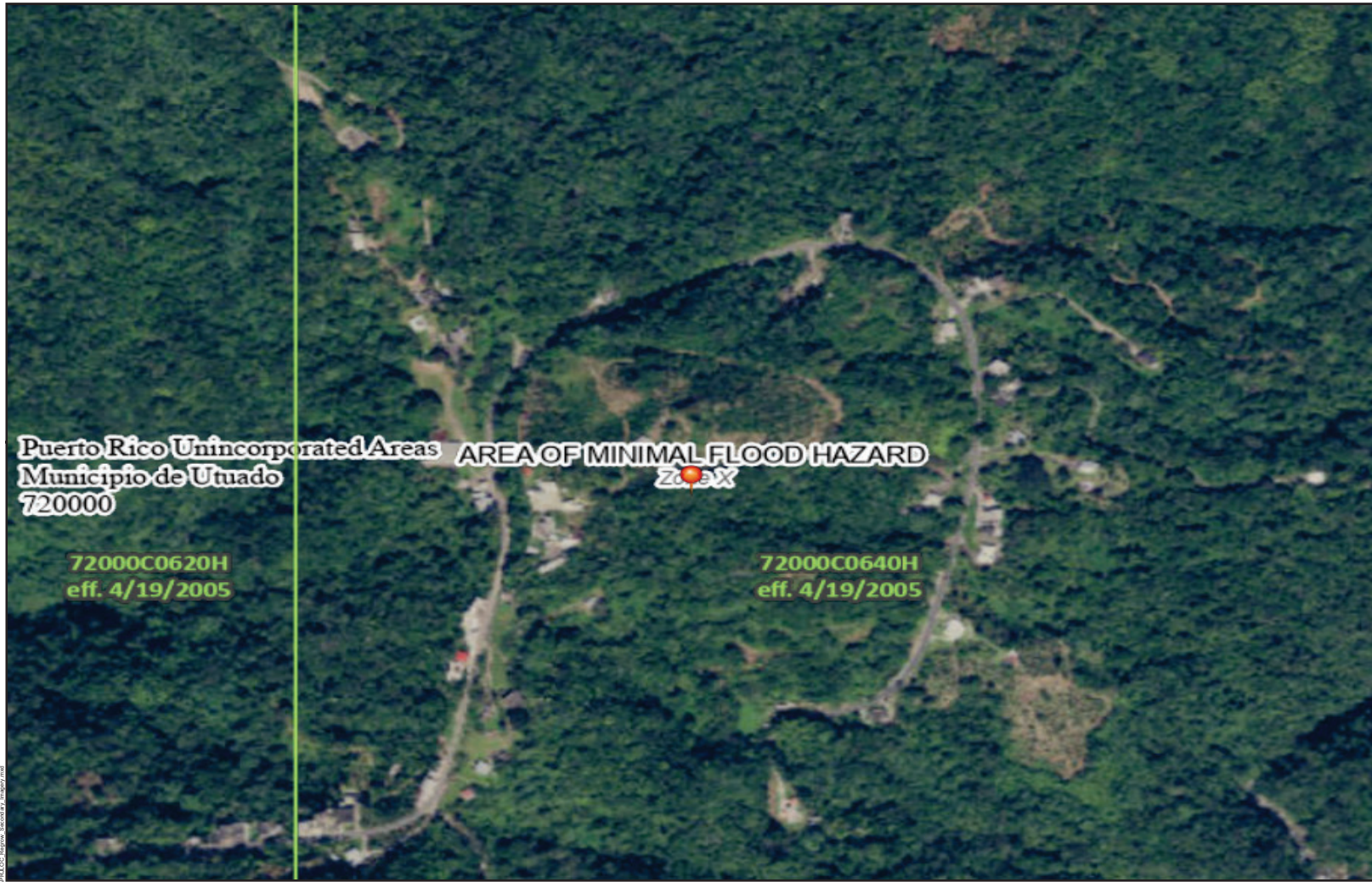
ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00541
 Name of Development: Heriberto Collazo Montero
 Parcel Coordinates: 18.299279, -66.622262



Source: FEMA
<https://msc.fema.gov>

Author: TG Date: 6/12/23





Legend

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

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

PUERTO RICO

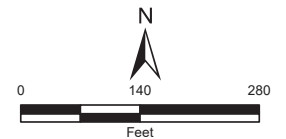


FIGURE 5: NATIONAL FLOOD HAZARD LAYER FIRMETTE

APPLICANT ID: PR-RGRW-01546

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279, -66.622262



Source: FEMA
<https://www.msc.fema.gov>

Author: TG Date: 5/31/2023



- Legend
- PuertoRico_ABE_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
 - AE
 - Coastal A Zone
 - VE
 - X 0.2% Annual Chance Flood
 - A-Floodway
 - AE-Floodway
 - Coastal A Zone and Floodway
 - Project Parcel

PUERTO RICO



Figure 6: ADVISORY BASE FLOOD ELEVATION
APPLICANT ID: PR-RGRW-01546

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

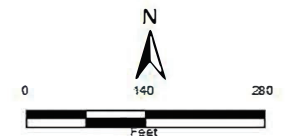
Name of Development: Heriberto Collazo Montero

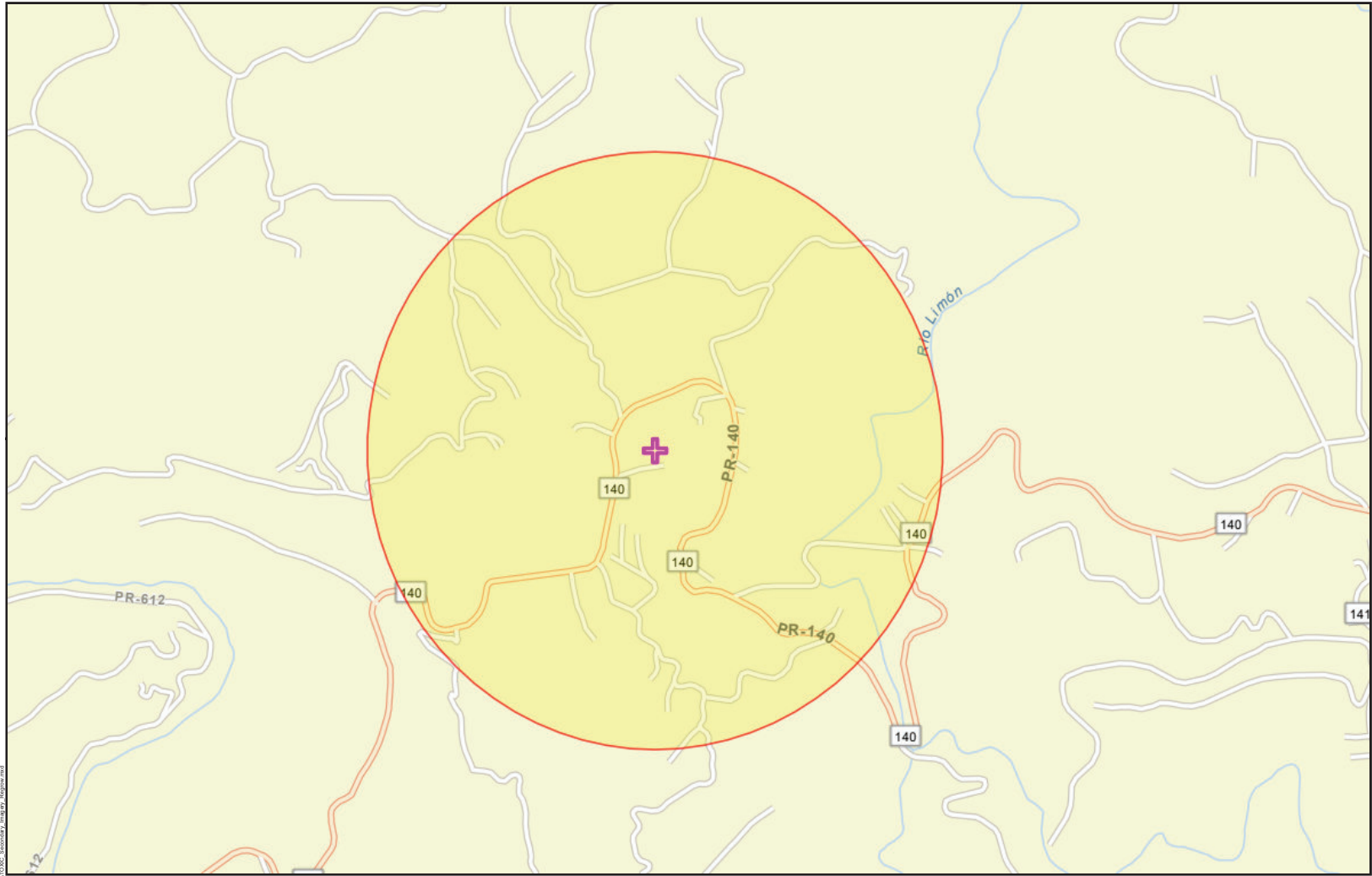
Parcel Coordinates :18.299279 , -66.622262









Source: FEMA
<https://gis.fema.gov>

Autor: TG Date: 6/17/2023





Legend

-  Superfund (NPL)
-  Toxic Substances Control Act (TSCA)
-  Toxic Releases (TRI)
-  Brownfields (ACRES)
-  Hazardous Waste (RCRAInfo)
-  Project Parcel

PUERTO RICO



Figure 9: NEPA Assist Map

APPLICANT ID: PR-RGRW-01546

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

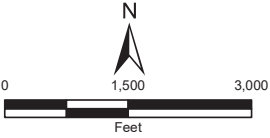
Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279 , -66.622262



Source: E.P.A.
<https://www.epa.gov/frs/geospatial-data-download-services>


Author: JB/AK Date: 5/18/2023





Legend

 Project Parcel

 Area of Critical Habitat

PUERTO RICO



**Figure 10: ENDANGERED SPECIES ACT
APPLICANT ID: PR-RGRW-01546**

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

Name of Development: Heriberto Collazo Montero

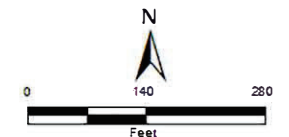
Parcel Coordinates: 18.299279, -66.622262



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



Author: TG

Date: 6/12/2023





Legend

-  Project Parcel
- comname**
-  Puerto Rico harlequin butterfly

Distance to Nearest Critical Habitat in Feet: 9741 FEET

PUERTO RICO



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

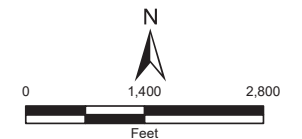
Author: TG Date: 6/1/2023

Figure 11: CRITICAL HABITATS
APPLICANT ID: PR-RGRW-01546

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641









Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279, -66.622262





Legend

-  Project Parcel
- 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

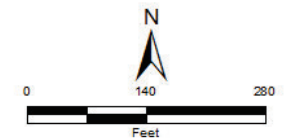
PUERTO RICO

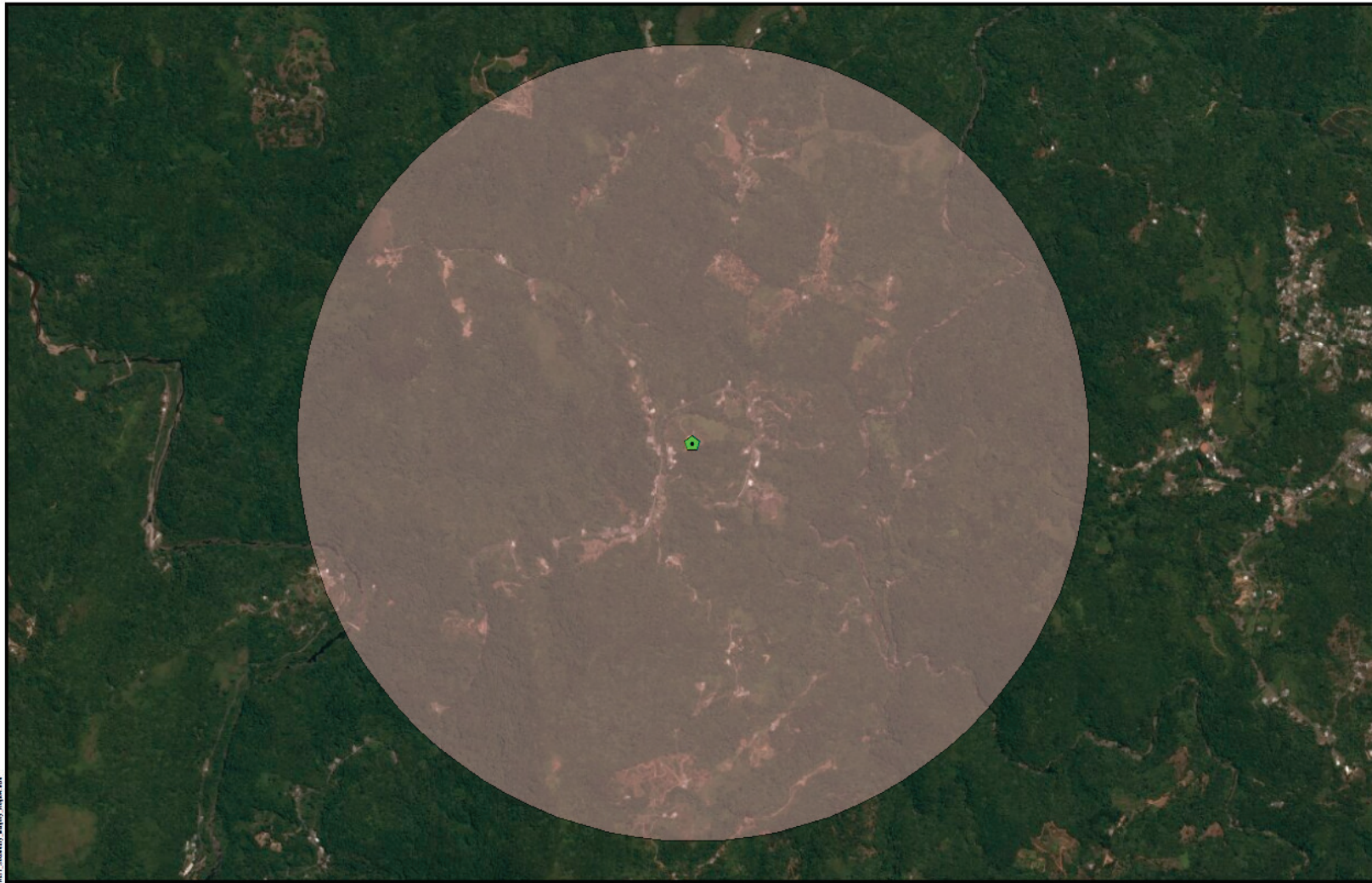


Source: USDA
<https://websoilsurvey.sc.egov.usda.gov>
 Author: TG Date: 6/11/2023


Figure 12: FARMLAND PROTECTION
APPLICANT ID: PR-RGRW-01546

ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641
 Name of Development: Heriberto Collazo Montero
 Parcel Coordinates: 18.299279, -66.622262





Legend

-  Project Parcel
-  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

PUERTO RICO



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

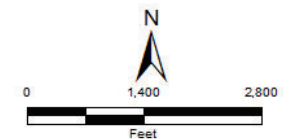
Author: TG Date: 6/1/2023

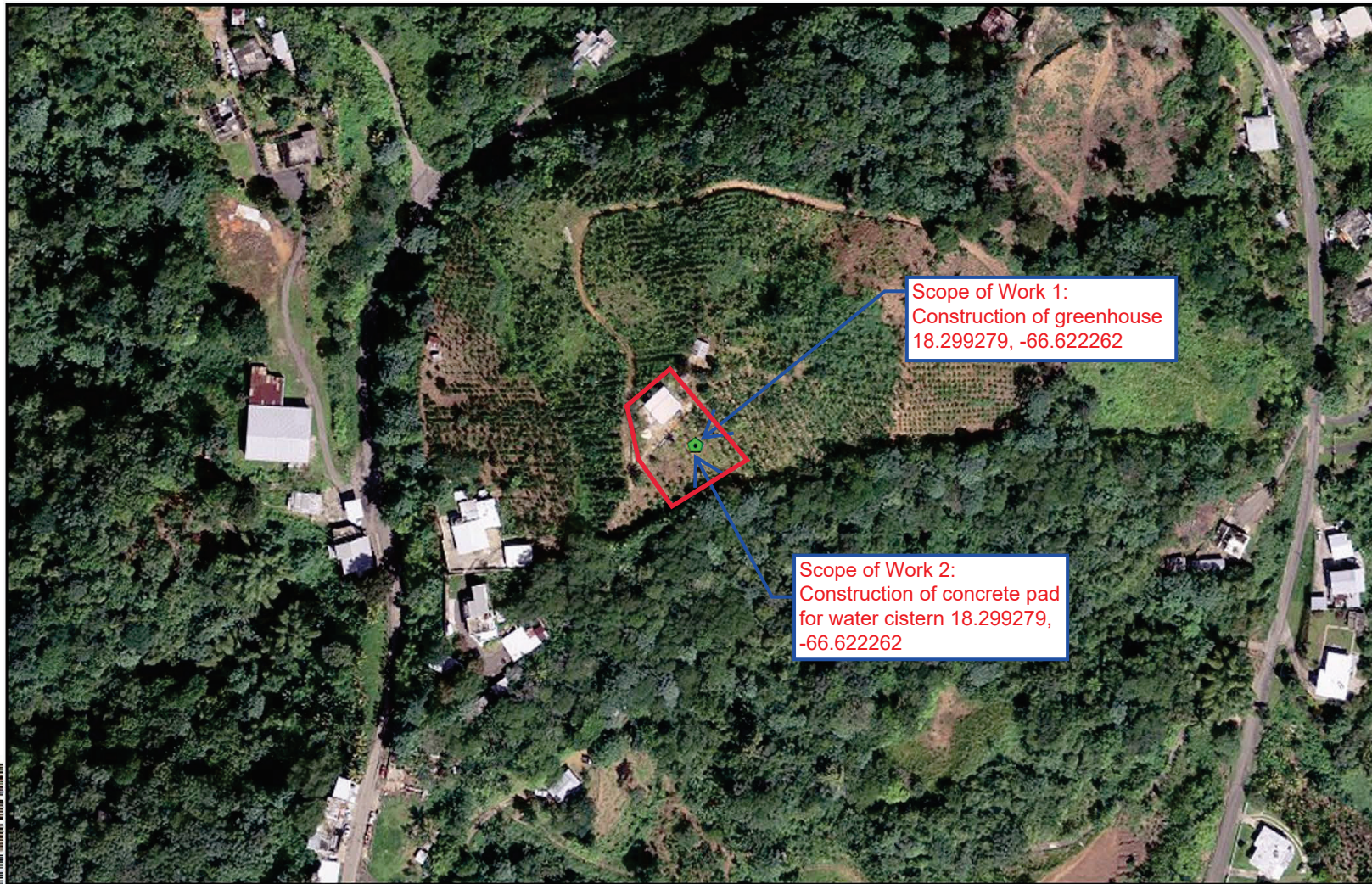
**Figure 13: HISTORIC PRESERVATION
 APPLICANT ID: PR-RGRW-01546**










ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279, -66.622262





- Legend**
-  Project Parcel
 - WETLAND TYPE**
 -  Estuarine and Marine Deepwater
 -  Estuarine and Marine Wetland
 -  Freshwater Emergent Wetland
 -  Freshwater Forested/Shrub Wetland
 -  Freshwater Pond
 -  Lake
 -  Riverine
 -  Area of Potential Effect

PUERTO RICO

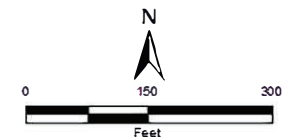


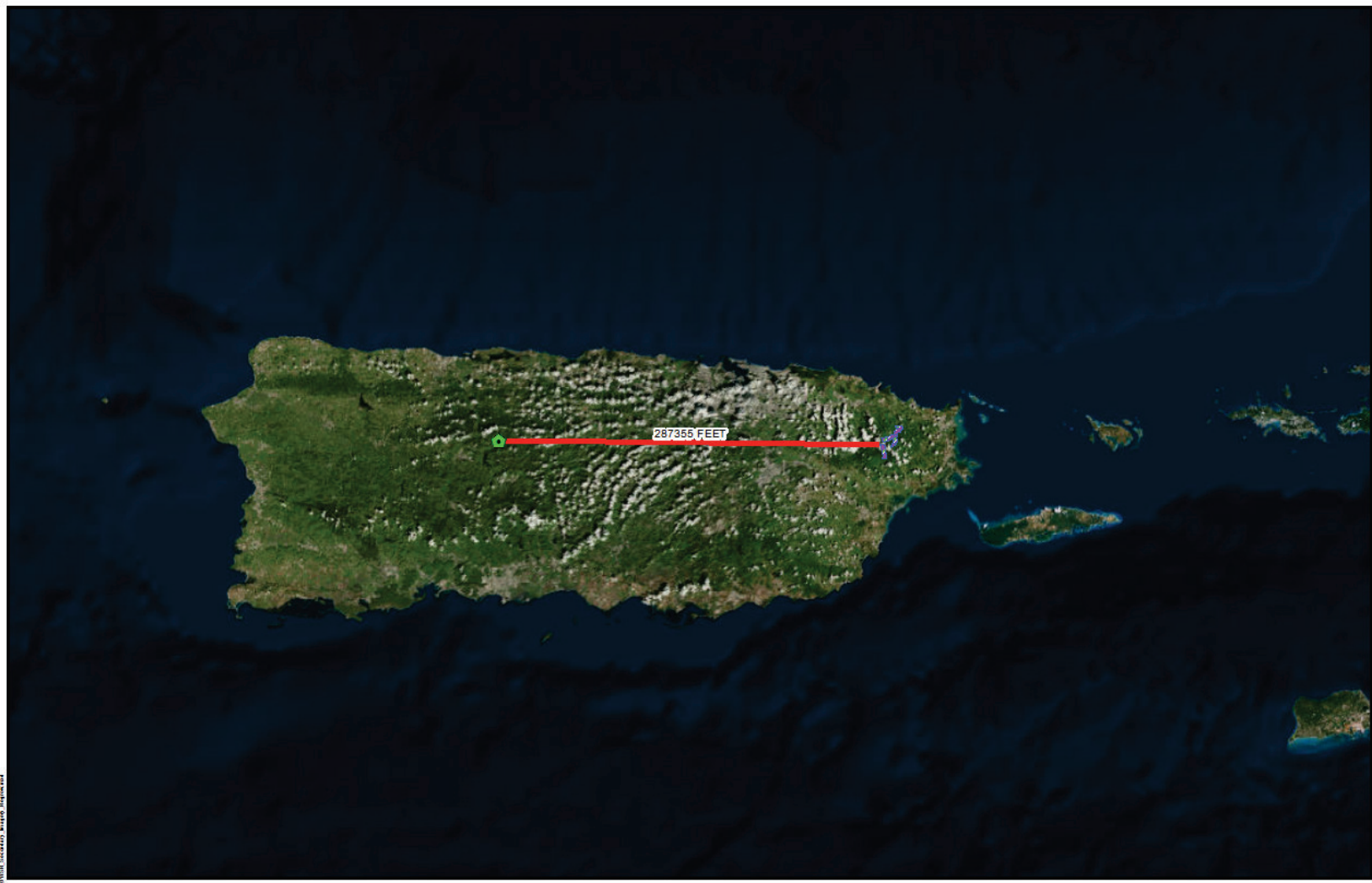
Figure 14: WETLANDS
APPLICANT ID: PR-RGRW-01546
 ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641
 Name of Development: Heriberto Collazo Montero
 Parcel Coordinates: 18.299279, -66.622262





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

Author: TG Date: 6/12/23





- Legend**
-  Project Parcel
 -  Wild and Scenic Rivers

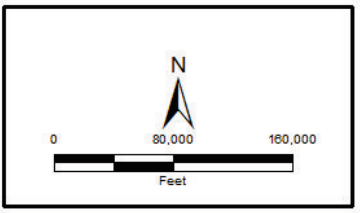
Distance to Nearest Wild and Scenic River in Feet: 287355 FEET

PUERTO RICO



**Figure 15: WILD AND SCENIC RIVERS ACT
APPLICANT ID: PR-RGRW-01546**

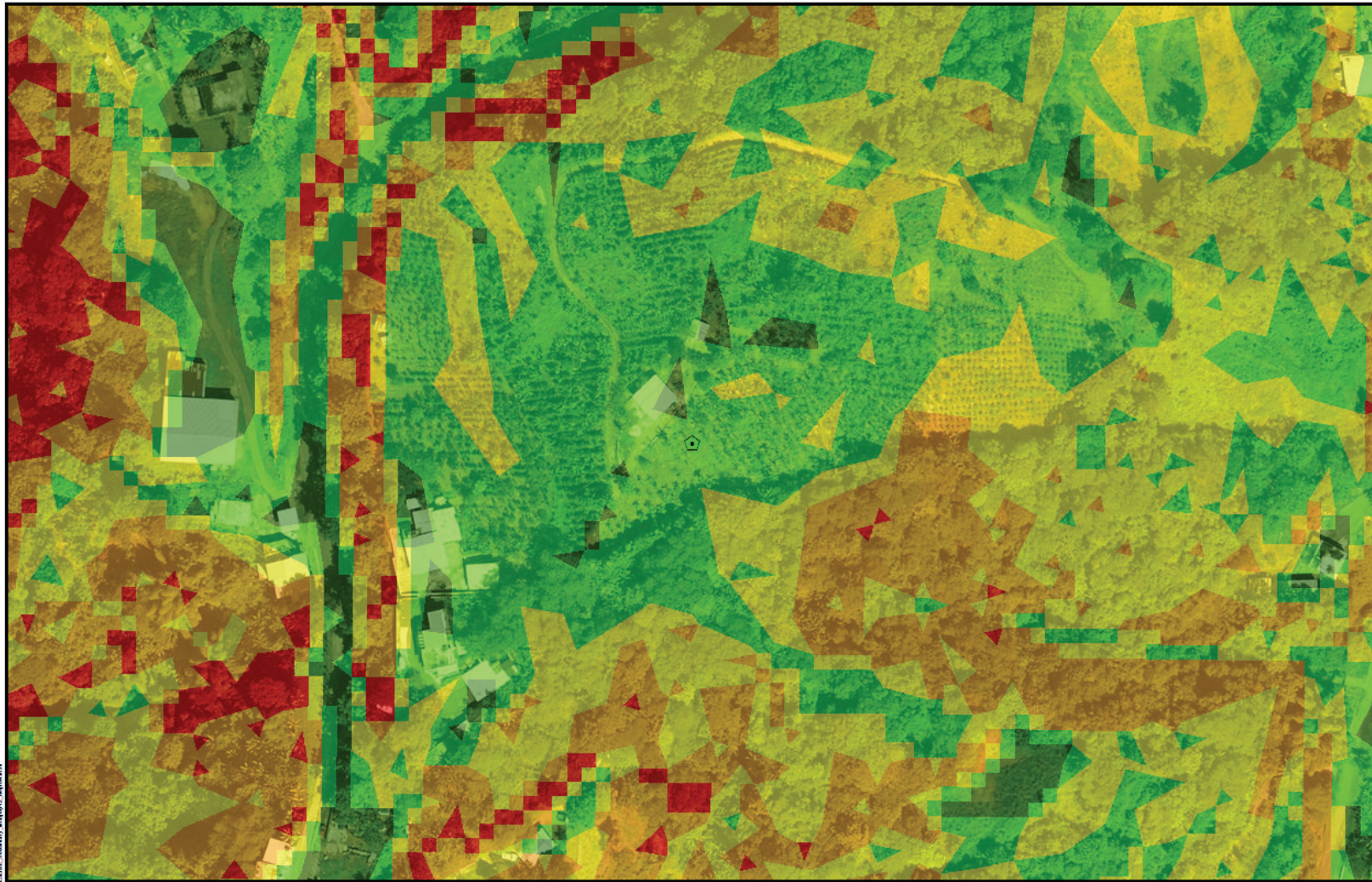
ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641
 Name of Development: Heriberto Collazo Montero
 Parcel Coordinates: 18.299279, -66.622262








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

Author: TG Date: 6/1/2023

File Path: \\fs.fsc.gov\GIS\Projects\2023\PR-RGRW-01546\Map_Series_Images\Map_Series_Images_15.jpg



- Legend**
-  Project Parcel
 - Landslide Susceptibility**
 -  Extremely High
 -  Very High
 -  High
 -  Moderate
 -  Low

PUERTO RICO



**Figure 16: SLOPE AND EROSION
 APPLICANT ID: PR-RGRW-01546**

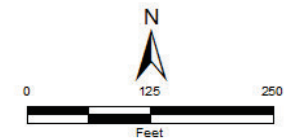
ADDRESS: Bo. Don Alonso Arriba Carr. 140 km 33.2, Utuado, PR 00641

Name of Development: Heriberto Collazo Montero

Parcel Coordinates: 18.299279, -66.622262



Source: PRDOH
<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=10506e0c71154910aee1764719248ee>
 Author: TG Date: 6/11/2023



APPENDIX C

Additional Information



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Puerto Rico Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

Puerto Rico Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

Data is current as of April 30, 2023

Listed by State, County, NAAQS (W=Whole County,P=Partial County designated nonattainment as of report date)
 The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

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

Change the State:

Important Notes

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

PUERTO RICO		92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
County	NAAQS																																		
Arecibo Municipio	Lead (2008)																					P	P	P	P	P	P	P	P	P	P	P	P		
Bayamon Co	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
Catano Co	Sulfur Dioxide (2010)																												W	W	W	W	W	W	
Guaynabo Co	PM-10 (1987)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P															
Guaynabo Co	Sulfur Dioxide (2010)																													P	P	P	P	P	P
Salinas Municipio	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
San Juan Municipio	Sulfur Dioxide (2010)																												P	P	P	P	P	P	
Toa Baja Co	Sulfur Dioxide (2010)																												P	P	P	P	P	P	

Important Notes

Discover.

Connect.

Ask.

Follow.

2023-04-30

APPENDIX D

IPaC Report

Date: September 20, 2023

Applicant ID: PR-RGRW-01546

Street Address: Carr 140 km 33.2 Bo Don Alonso Solar 2

Municipality: Utuado

Subject – Endangered Species No Effect Determination for PR-RGRW-01546

Tetra Tech conducted a site-specific review of endangered species in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*) for the proposed project located at Carr 140 km 33.2 Bo Don Alonso Solar 2, in the Municipality of Utuado, Puerto Rico (Parcel ID# 163-031-415-17-000).

The proposed project is for two Scopes of Work (SOW) within the same project footprint. SOW #1 is for the installation of a greenhouse with a footprint of 40' x 15' in metal with Saran shade net. This greenhouse will be used for growing cilantro. Terrace available with approximately 50' x 30'. The green house will be located at 18.299279, -66.622262. Water and electricity will be supplied to the new greenhouse from the existing connection to the applicants home via underground PVC piping. The electric connection will be 3-feet underground, approximately 50 linear feet. The water connections will be 1-foot underground, approximately 30 linear feet. SOW #2 is for the installation of a 700-gallon above ground water cistern. The cistern will be placed on a 6-foot by 6-foot concrete pad to be constructed adjacent to the greenhouse at 18.299279, -66.622262.

The parcel is located within mountainous terrain with mature vegetation on the south side of the parcel. Other agricultural developments and residences are located to the east and west of the parcel. The parcel has been and is currently used for growing coffee and plantains, consisting of mostly cleared land with garden plots. The site of the proposed project area has already been cleared of vegetation.

The National Wetlands Inventory indicated that no wetlands are located within the parcel (Figure 14).

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

Species	Status
Puerto Rican Broad-winged Hawk (<i>Buteo platypterus brunnescens</i>)	Endangered
Puerto Rican Parrot (<i>Amazona vittata</i>)	Endangered
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered
Puerto Rican Harlequin Butterfly (<i>Atlantea tulita</i>)	Threatened

No Critical Habitats were noted within the project area (Figure 10). Based on site review and site photos, no suitable habitat was found within the proposed project area for the listed species as the site and surrounding area is already cleared. Upon review of iNaturalist.org, the nearest sightings of the Puerto Rican Broad-winged Hawk and the Puerto Rican Parrot were recorded approximately 3 miles north and northwest of the proposed project area, in densely forested areas. The closest and most recent sighting of the Puerto Rican Boa recorded on iNaturalist.org was recorded in April 2023 approximately 2 miles north of the proposed project area, in an undisturbed, densely forested area. No sightings of the Puerto Rican Harlequin Butterfly have been recorded on iNaturalist.org within 4 miles of the proposed project area. Based on the nature of the project, previous site disturbance, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, we have made the following effects determinations:

Species	Effect Determination	Conservation Measures to be implemented (if needed)
Puerto Rican Broad-winged Hawk (<i>Buteo platypterus brunnescens</i>)	No Effect	No Conservation Measures
Puerto Rican Parrot (<i>Amazona vittata</i>)	No Effect	No Conservation Measures
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	No Effect	No Conservation Measures
Puerto Rican Harlequin Butterfly (<i>Atlantea tulita</i>)	No Effect	No Conservation Measures

A 'No Effect' determination has been made based on the lack of suitable habitat for the listed species, as well as previous disturbance and current land use of the proposed project area.

If a Puerto Rican Parrot or Puerto Rican Broad-winged Hawk is found within any of the working or construction areas, activities should stop at that area and information recorded. Designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for additional directions (PRDNER phone #: ((787) 724-5700, (787) 230-5550, (787) 771-1124).

If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.

Attachments:

IPaC Resource List

Shelby McDowell

Shelby McDowell

B.S. Biologist, Tetra Tech

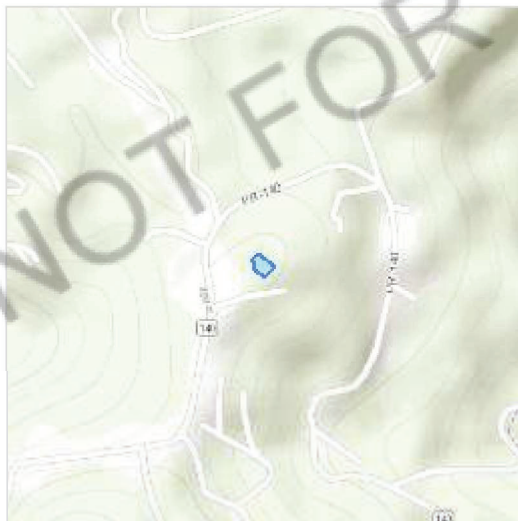
IPaC resource list

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

Utuado 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:

Birds

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

Reptiles

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

Insects

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

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.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

There are no documented cases of eagles being present at this location. However, if you believe eagles may be using your site, please reach out to the local Fish and Wildlife Service office.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- 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>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence 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). To see 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 of bald and golden eagles 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 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. Please contact your local Fish and Wildlife Service Field Office if you have questions.

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:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- 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>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

The [data](#) in this location indicates there are no migratory [birds of conservation concern](#) expected to occur in this area.

There may be migratory birds in your project area, but we don't have any survey data available to provide further direction. For additional information, please refer to the links above for recommendations to minimize impacts to migratory birds or contact your local FWS office.

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](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

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.

MAILING ADDRESS

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Mayaguez, PR 00680

NOT FOR CONSULTATION

APPENDIX E

Section 106 Consultation



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

September 15, 2023

Lauren Bair Poche

HORNE

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

SHPO 09-08-23-03 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-01546 – HERIBERTO COLLAZO MONTERO– CARR. 140, KM 33.2, BO.
DON ALONSO SOLAR 2, UTUADO, PUERTO RICO

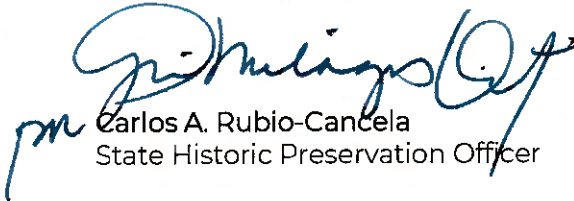
Dear Ms. Bair,

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



September 8, 2023

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-01546 – Heriberto Collazo Montero – Carr. 140 Km 33.2, Bo. Don Alonso Solar 2, Utuado, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

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

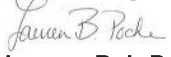
On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by Heriberto Collazo Montero at the property located at Carr 140 Km 33.2, Bo. Don Alonso Solar 2 in the municipality of Utuado. The proposed activities for this project include the purchase of greenhouse, UTV, electric portable generator, and a water cistern. Ground disturbance is anticipated for the construction of the greenhouse and the construction of a concrete pad support for the new cistern, adjacent to the green house. Since is a portable unit the generator will not require ground disturbance. The land is currently used for planting coffee and plantains.

The proposed greenhouse is a multi-tunnel unit with a metal frame, covered with Saran shade net. The structure will have an approximate footprint of 40' x 15'. This structure is intended to be used for the growing of crops using hydroponics. The available terrace for the SOW is an area of approximately 50' x 30'. The second proposed activity (Scope of Work 2) is the construction of a 6' x 6' concrete pad to support the installation of an aboveground cistern. The applicant will connect the greenhouse to the power of his house with an underground 50' long line at 3' depth. The water intake to the cistern will be connected from the house with a 30' long line at 1' depth.

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

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


Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
REgROW PUERTO RICO PROGRAM		
Section 106 NHPA Effect Determination		
Subrecipient: Heriberto Collazo Montero		
Case ID: PR-RGRW-01546	City: Utuado	

Project Location: Carr 140 km 33.2 Bo Don Alonso Solar 2	
Project Coordinates: 18.299339, -66.622395	
TPID (Número de Catastro): 163-031-415-17-000	
Type of Undertaking:	
<input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): c2010	Property Size (acres): 2.78

SOI-Qualified Architect/Architectural Historian: Maria Lopez Schmid
Date Reviewed: 6/23/2023
SOI-Qualified Archaeologist: Roberto G. Muñoz-Pando, PhD
Date Reviewed: August 9, 2023


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

Project Description (Undertaking)

The Scope of Work (SOW) for this project includes the purchase of greenhouse, UTV, electric portable generator, and a water cistern. Ground disturbance is anticipated for the construction of the greenhouse and the construction of a concrete pad support for the new cistern. Since is a portable unit the generator will not require ground disturbance. The land is currently used for planting coffee and plantains.

The proposed new greenhouse (Scope of Work 1) will be constructed at coordinates 18.299279, -66.622262. The proposed greenhouse is a multi-tunnel unit with a metal frame, covered with Saran shade net. The structure will have an approximate footprint of 40' x 15'. This structure is intended to be used for the growing of crops using hydroponics, chiefly cilantrillo. The available terrace for the SOW is an area of approximately 50' x 30'.

The second proposed activity (Scope of Work 2) is the construction of a concrete pad to support the installation of an aboveground cistern. The new cistern will have a capacity of 700 gallons and be located adjacent to the new greenhouse also at coordinates 18.299279, -66.622262. Applicant will construct a concrete pad of 6' x 6' adjacent to the greenhouse for the installation of the cistern. The applicant will connect the greenhouse to the power of his house with an underground 50' long line at 3' depth. The water intake to the cistern will be connected from the house with a 30' long line at 1' depth.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Subrecipient: Heriberto Collazo Montero	
Case ID: PR-RGRW-01546	City: Utuado

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is where the two Scopes of Works will take place, as described in the Project Description (Undertaking) section of this form. For this case the APE has been expanded to include the applicant's home, located northwest of the proposed greenhouse and cistern location, to allow for connection to existing utilities at the home. The visual APE is the viewshed of the proposed project's two scopes of works.


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 the project area has no previously identified intact archaeological sites within a 0.5-mile radius of the project area. Our background research showed no previously performed Cultural Resource Studies within 0.5-miles of the Project Area. The scopes of work will take place in areas where the soil is composed of Consumo Clay and Morado Clay Loam soils both at 40 to 60 percent slopes making it unlikely for significant *in situ* archaeological deposits to be found.

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 **not** within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District. Additionally, there are **no** NRHP-listed historic properties within the quarter mile buffer zone from the APE.

The proposed project is located in a rural, mountainous terrain with mature vegetation surrounding the property. The property lies east of Route 140 in Utuado. A circa 2010 building is located west of the APE geocoordinates. The building appears on a 2012 aerial image but not on a 2009 aerial image. This building is a house is a one-story single-family concrete house with open front porches supported by concrete columns. The house has a slab on grade

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: Heriberto Collazo Montero	
Case ID: PR-RGRW-01546	City: Utuado

foundation, concrete walls and gabled roofs with corrugated metal roofs, and is supported by concrete walls. This building shown below is modern and it **does not** meet the requirements to be eligible for listing on the National Register of Historic Places.



Figures 1 & 2. Applicant's house, view to the north; and detail of the 2012 aerial photograph indicating location of the house.

Determination

The following historic properties have been identified within the APE:


Direct Effect:

N/A

Indirect Effect:

N/A

The project area is not located within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center or Historic District. Based on the results of our historic property identification efforts, the Program has determined that no previously identified historic properties are located within or adjacent to the parcel that contains the proposed Area of Potential Effect. In addition, our background research shows that the project area has no previously identified intact archaeological sites or previously performed Cultural Resource Studies within 0.5-miles of the Project Area. The scopes of work will take place in areas where the soil is composed of Consumo Clay and Morado Clay Loam soils both at 40 to 60 percent slopes making it unlikely for significant *in situ* archaeological deposits to be found. Therefore, no impact to historic properties is anticipated for this project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Heriberto Collazo Montero	
Case ID: PR-RGRW-01546	City: Utuado

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:

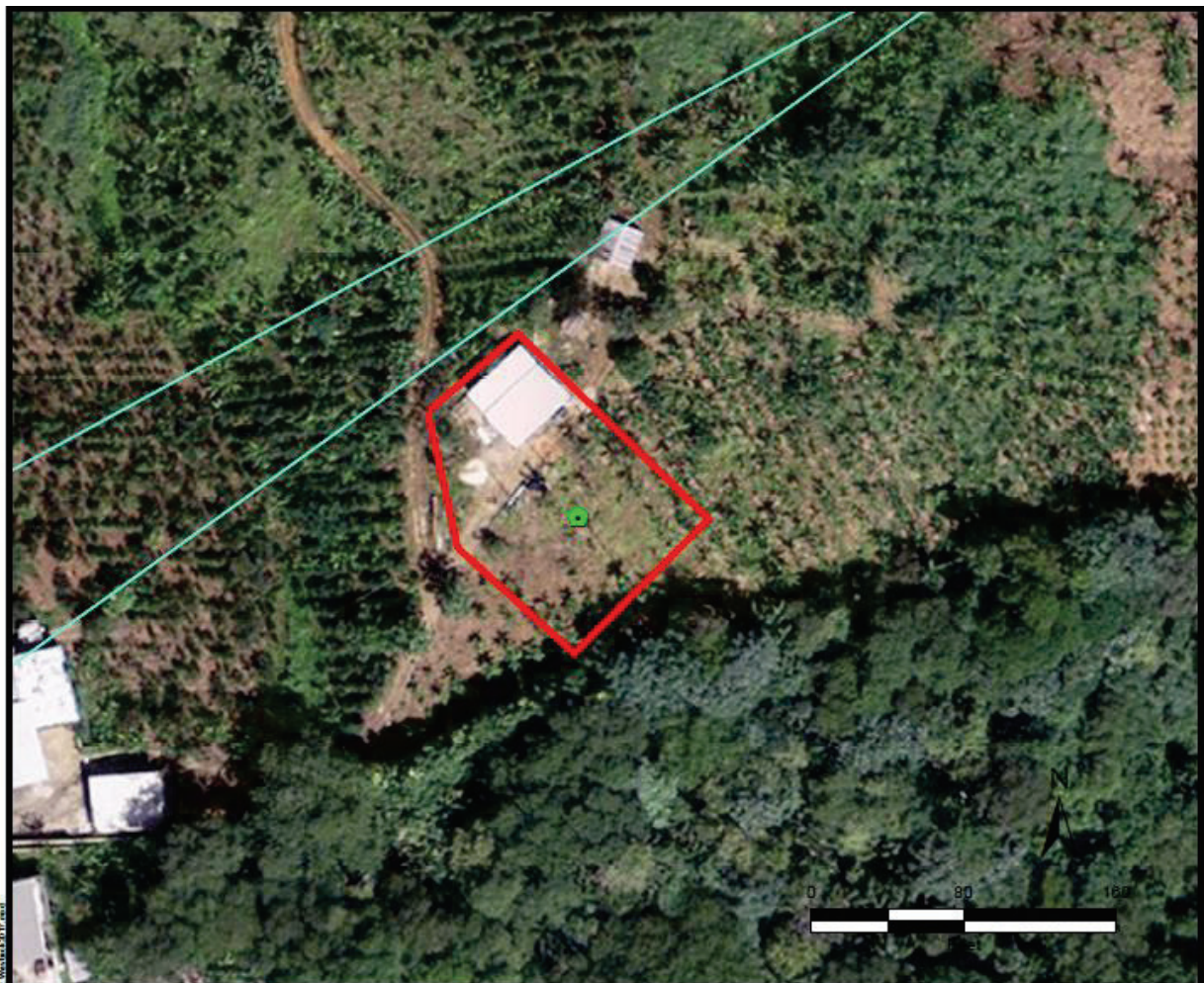


Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado

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






Source: CRIM

Author: TG

Date: 10/7/2022

Legend

-  Tier 2 Site
-  Area of Potential Effect
-  Parcelario



Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado

Project (Parcel) Location - Aerial Map



File Path: I:\GIS\Projects\CDBG\DR\106\106-01546\106-01546-01\106-01546-01-001\106-01546-01-001-001.mxd








TETRA TECH

Source: CRIM

Author: TG

Date: 9/22/2022

Legend

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



Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado

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

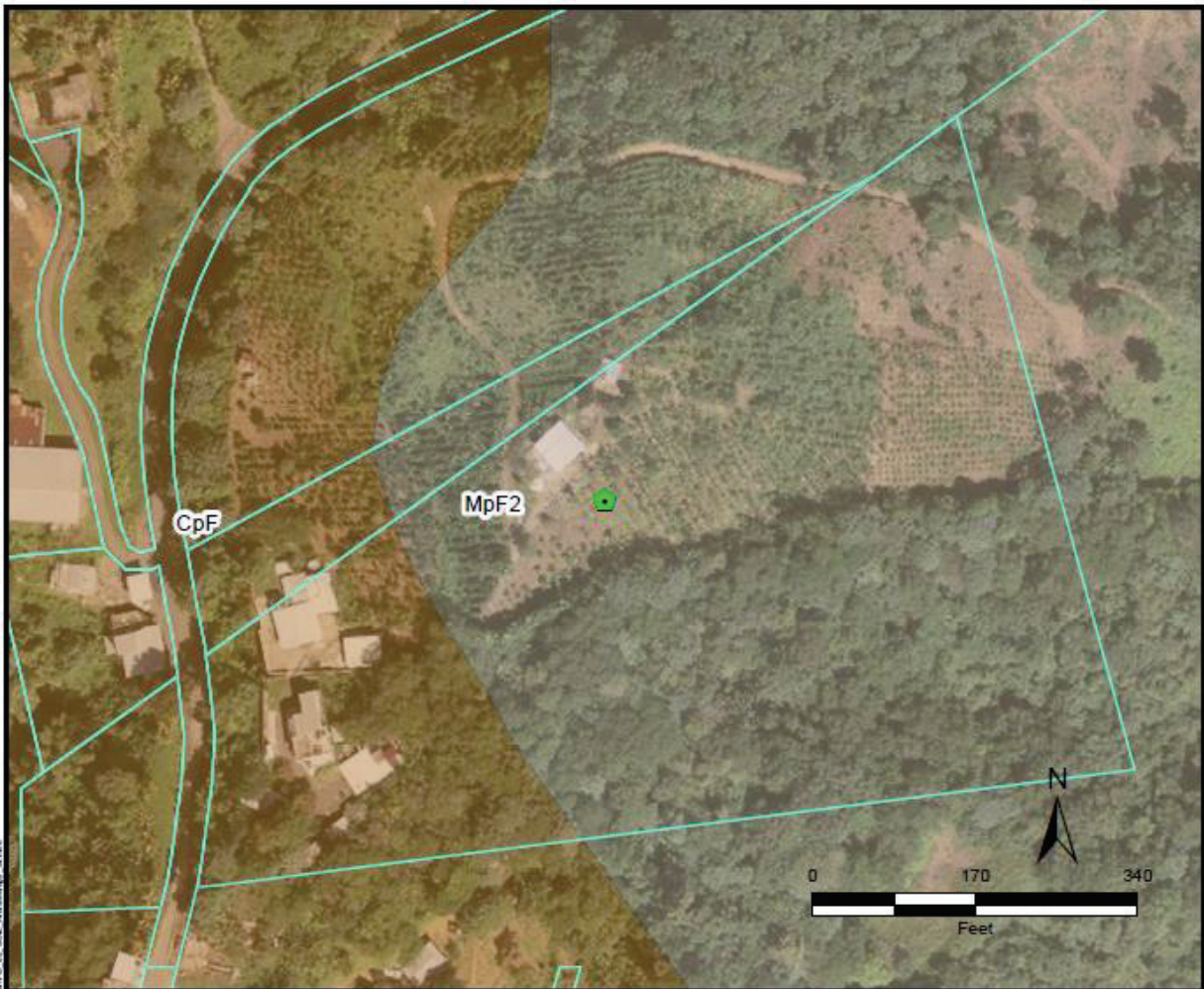


Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado

Project (Parcel) Location – Soils Map







TETRA TECH

Source: USDA

Author: TG

Date: 9/30/2022

Legend

-  Tier 2 Site
-  Parcelario
- Soil Type**
-  CpF; Consumo clay, 40 to 60 percent slopes
-  MpF2; Morado clay loam, 40 to 60 percent slopes

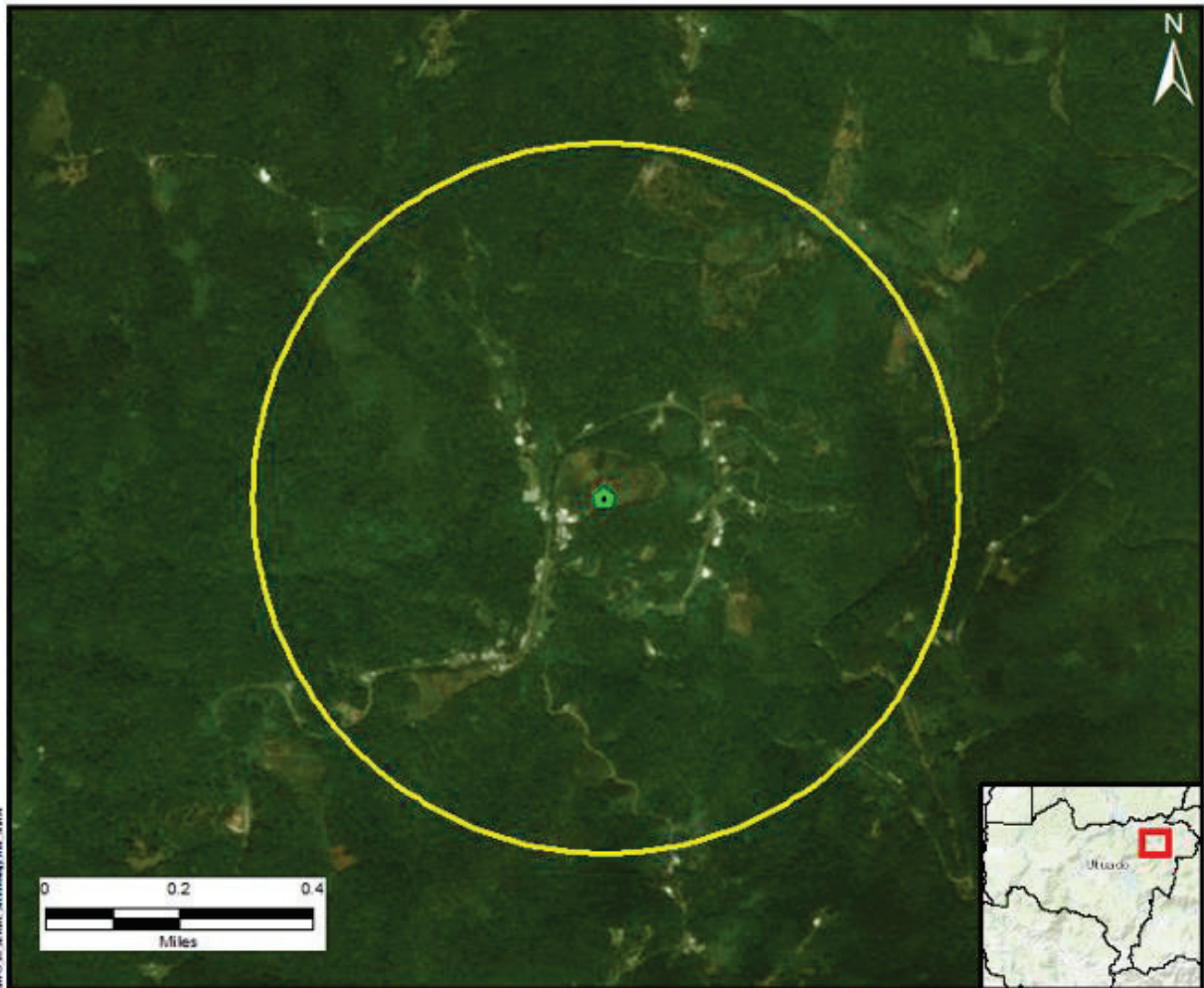


Subrecipient: Heriberto Collazo Montero






Case ID: PR-RGRW-01546

City: Utuado

Project (Parcel) Location with Previous Investigations - Aerial Map



THE DATA SHOWN ON THIS MAP WAS OBTAINED FROM THE NATIONAL PARK SERVICE AND IS PROVIDED AS-IS. THE NATIONAL PARK SERVICE DOES NOT WARRANT THE ACCURACY OF THE DATA.

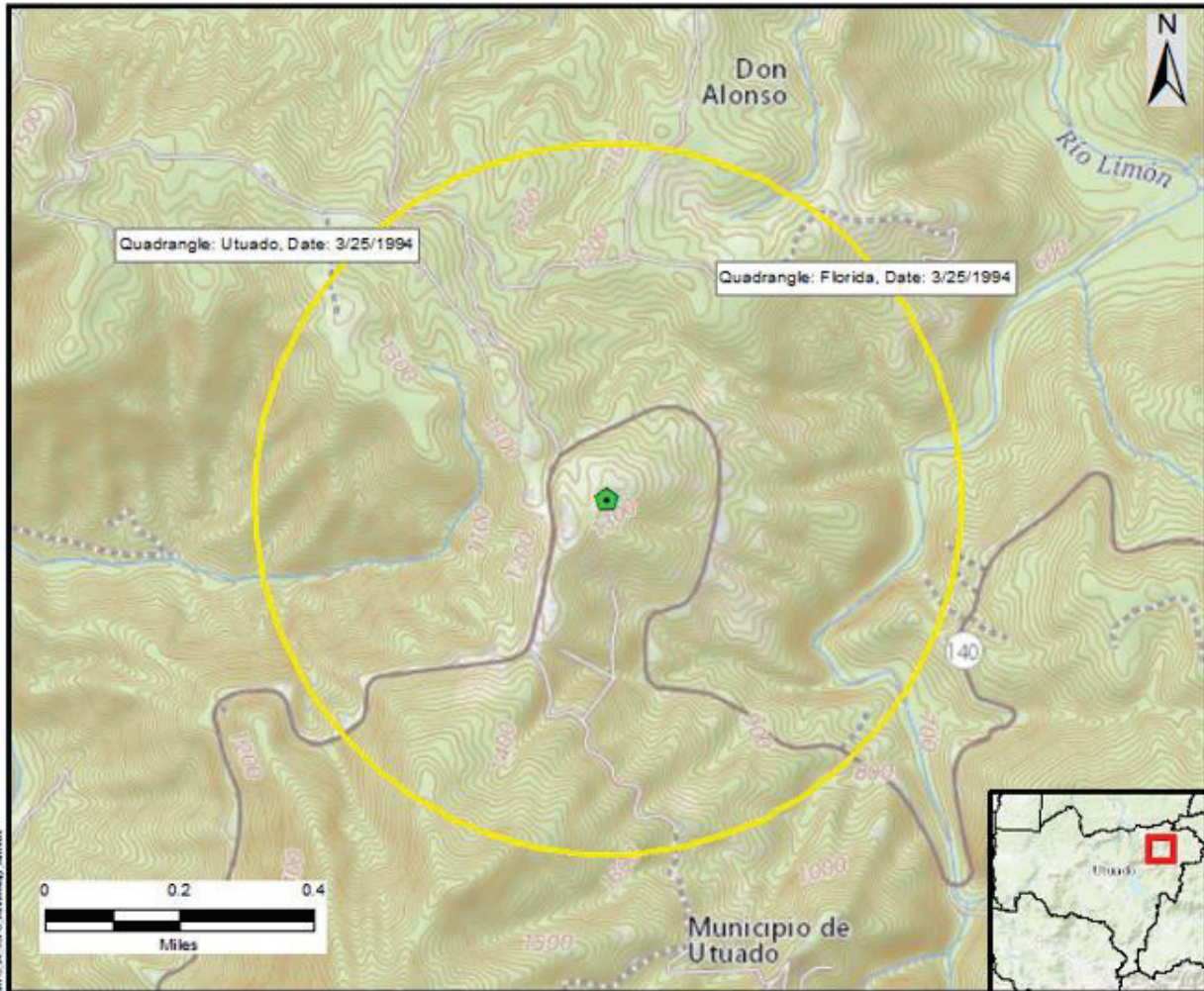
 <p>TETRA TECH</p> <p>Source: National Park Service</p>	Legend	
	<ul style="list-style-type: none">  Tier 2 Site  Half Mile Buffer  Historic Comunidades  Traditional Urban Centers 	<ul style="list-style-type: none">  Cultural Resource District Polygon
<p>Author: TG</p>	<p>Date: 9/29/2022</p>	

Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado


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



Source: National Park Service

Author: TG

Date: 9/29/2022

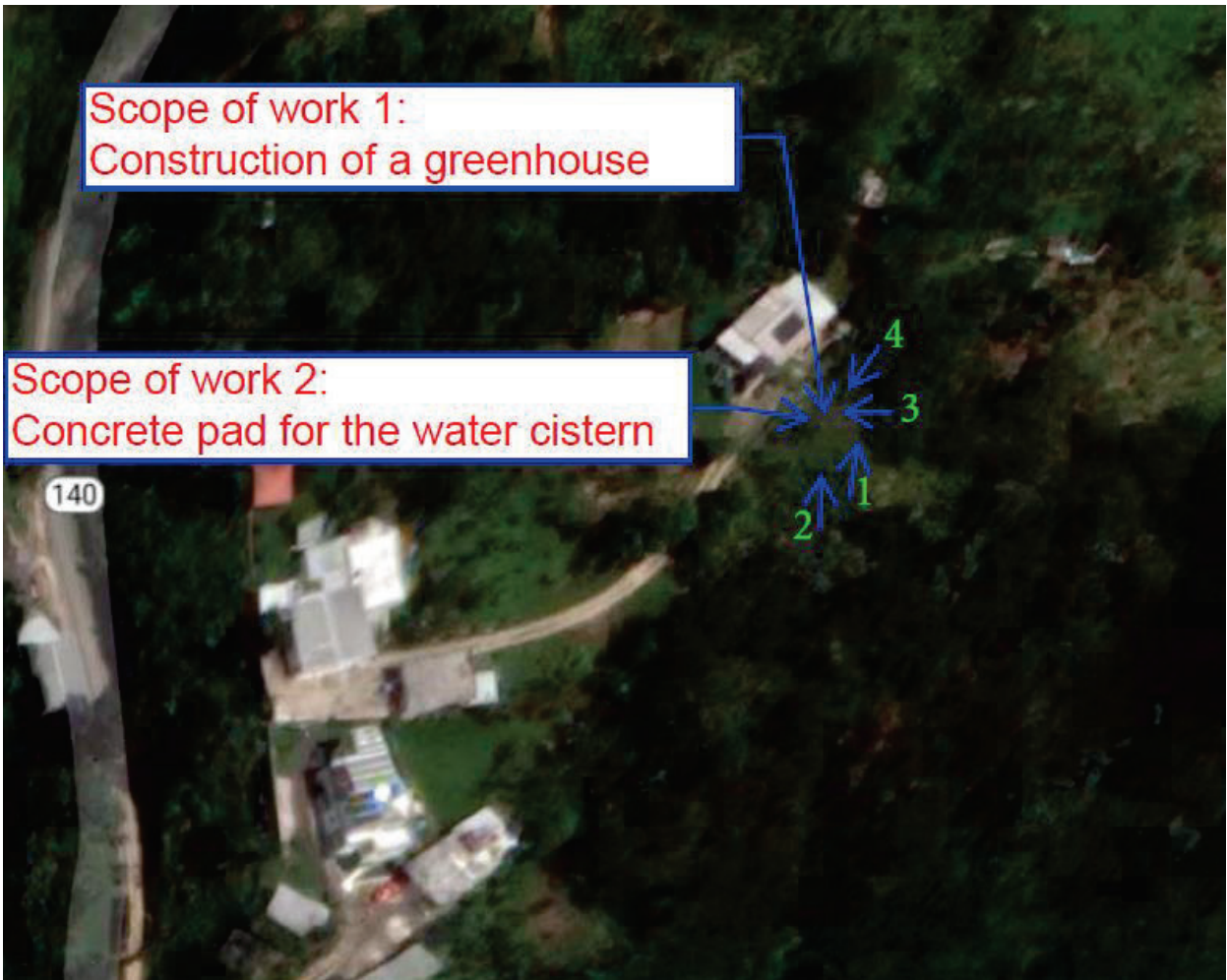
- Legend
-  Tier 2 Site
 -  Half Mile Buffer
 -  Historic Comunidades
 -  Traditional Urban Centers
 -  Cultural Resource District Polygon

Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado

Photograph Key



Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado



Photo #: 1

Description (include direction): View to the Northeast

Date: 5/16/2023

Scope Of Work 1 and 2: Construction of a greenhouse and a concrete pad for a water cistern.



Photo #: 2

Description (include direction): View to the North

Date: 5/16/2023

Scope Of Work 1 and 2: Construction of a greenhouse and a concrete pad for a water cistern.

Subrecipient: Heriberto Collazo Montero

Case ID: PR-RGRW-01546

City: Utuado



Photo #: 3

Description (include direction): View to the West.

Date: 5/16/2023

Scope Of Work 1 and 2: Construction of a greenhouse and a concrete pad for a water cistern.



Photo #: 4

Description (include direction): View to the Southwest
Scope Of Work 1 and 2: Construction of a greenhouse and a concrete pad for a water cistern.

Date: 5/16/2023



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT