

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-01611

Project Name: Blanca E. Cajigas Matias

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Municipio of Utuado

Preparer: Angel Peltola, Deputy Program Manager

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Consultant (if applicable): SWCA Environmental Consultants

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Project Location:

The proposed project, which includes the installation of three 1,000 gallon (gal) cisterns and a water pump, is located on a 9.74-acre parcel (Cadastral Number 160-000-002-16-001) at Carretera 111 KM 46.8 Barrio Angeles, Utuado, Puerto Rico 00611 (see **Appendix A, Figure 1-** Site Location and **Figure 2-** Site Vicinity). This property is in a rural area in the western portion of Utuado Municipio. Access to the project areas is provided via a paved road at the southern portion of the parcel.

The applicant has identified two locations for project activities related for the Intended Use of Grant Funds that are being evaluated under this Environmental Assessment (EA), also shown on Figures 1 and 2:

- Cistern Platform Site 1 (18.294239, -66.789518) is in the southern part of the parcel, approximately 142 feet (ft) northwest from the applicant's residence.
- Cistern Platform Site 2 (18.295977, -66.789717) is in the northern part of the parcel, approximately 736 ft northwest of the applicant's residence.

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

The proposed project involves the purchase and installation of three 1,000 gal cisterns and a water pump. Two 7 inch (in)thick concrete platforms will be installed as foundations for the three cisterns. Platform 1 will be constructed next to an existing platform and cistern on the southern part of the property and will be 5 foot wide (ft) by 5 ft long extending a maximum of 3 ft deep. Platform 2 will hold the other two cisterns and will be 6 ft wide by 16 ft long extending a maximum of 3 ft deep and will be located on the northern part of the property. All cisterns will be secured to their respective platform using straps that will go through a hole on the top of each cistern and loop around the top and back and extend down to the base where the straps will attach to a fixing clamp on each corner of the platform. Platform 1 site is in a vacant area on a gentle slope. Platform 2 site is in a vacant vegetated area on a gentle slope. The platforms will serve to level both sites.

Water and electricity connections are required. All the cisterns will be connected to the existing irrigation system using aboveground pipes. Water for the irrigation system will come from rainwater collected in the cisterns and municipal water from the Puerto Rico Aqueduct and Sewer Authority (PRASA). The existing water pump, which will be replaced, and the connection to the aqueduct are in the garage located approximately 90 ft northwest of the applicant's residence in the southern part of the parcel. The electrical infrastructure for the water pump is already in place, as the water pump is a replacement. Platform 1 site is adjacent to an existing cistern, and the new cistern will share a water connection with the existing cistern. Platform 2 site is located 130 ft northeast of an existing aboveground water pipe. The applicant will install additional aboveground pipes to connect the two cisterns to this pipe. The irrigation system and electrical connections are not part of the Intended Use of Grant Funds.

The project will involve minimal ground disturbance and vegetation clearing, but no pruning or tree clearing is required for construction. The applicant owns the property; therefore, no acquisition is required.

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

In September of 2017, Hurricanes Irma and María produced sustained winds and intense rainfall that decimated agricultural production across the island of Puerto Rico. These hurricanes caused the loss of eighty percent of crop value island wide, exacerbating challenges to food security and agricultural business development. The Puerto Rico Department of Agriculture (PRDA) estimated seven hundred and eighty million dollars (\$780 million) worth of damages from the hurricanes to the agricultural sector of the economy.

Many properties were damaged in Hurricane Maria, resulting in struggling businesses. The Re-Grow Puerto Rico Urban-Rural Agriculture Program (Re-Grow Program) will develop greater agricultural capacity and address the needs created by Hurricanes Irma and María with a substantial investment of CDBG-DR funds for a wide variety of viable and sustainable agricultural activities.

The applicant does not have the resources to purchase farming equipment and materials for their agricultural operation. The new cisterns and replacement water pump will help the applicant save money on the use of potable water and reuse of rainwater.

Agencies consulted for the proposed project are provided in the List of Sources, Agencies and Persons Consulted section of this EA. Further discussion of the environmental impacts of the proposed action and alternatives is provided in the *Cumulative Impact Analysis, Alternatives/No Action Alternative, and Summary of Findings and Conclusions* sections of this EA.

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

The general topography of the property is hilly with open pastures and vegetated areas. Approximately 25 percent of the northeastern portion of the parcel is qualified as Conservation Resource (CR) and the remaining area of the property is not classified (NC). The land use of the property is generally classified as Rustic Soil, including 40 percent Specially Protected Rustic Soil (SREP) in the southern portion, 35 percent Common Rustic Land (SRC) in the northwestern portion, and 25 percent Soil Rustic Especially Protected Ecological Water (SREP-EH) in the northeastern portion. To the south of the property is low to moderate density residential development along Puerto Rico Highway 111. The area north of the property is undeveloped.

The applicant currently harvests plantains, peppers, and other crops on the property. The proposed activities are for agricultural purposes and are consistent with the current land use. The Platform 1 site in the southern portion of the parcel is vacant land surrounded by vegetation. An existing cistern on a concrete platform is located adjacent to the Platform 1 site. The Platform 2 site is vacant land surrounded by vegetation.

A few existing structures are in the southern portion of the parcel including the applicant's residence located approximately 142 ft southeast of the Platform 1 site, an additional

residence located approximately 48 ft southwest of the Platform 1 site, and a garage located approximately 68 ft southwest of the Platform 1 site.

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: \$4,116.40

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$4,116.40

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance Determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project sites are not within 2,500 ft of a civil primary or commercial service airport or within 15,000 ft of a military airport. The nearest civil primary or commercial service airport, Eugenio Maria De Hostos, is located 122,822 ft (23 miles [mi]) west of the project sites. The nearest military airport, Luis Munoz Marin International Airport, is located 273,241 ft (52 mil) northeast of the project sites. No further evaluation is required. The project is in compliance with airport hazards requirements.

		The Airport Hazards Partner Worksheet and Airport Hazards Map (Figure B 1-1) are provided in Appendix B, Attachment 1 .
<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>The project sites are not located in a Coastal Barrier Resource Systems Unit (CBRS) or Otherwise Protected Area (OPA). The closest CBRS unit, Penon Brusi, is located 69,029 ft (13 mi) north of the project sites. No further evaluation is required. The project is in compliance with the Coastal Barrier Resources Act.</p> <p>The Coastal Barrier Resources Act Partner Worksheet and Coastal Barrier Resources Map (Figure B 2-1) are provided in Appendix B, Attachment 2.</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>A review of the FEMA Flood Insurance Rate Map (FIRM), Community Panel 72000C0595H (effective date 4/19/2005), shows the project sites are in Flood Zone X, which is not in a Special Flood Hazard Area (SFHA). Flood insurance is not required. No further evaluation is required. The project is in compliance with the Flood Disaster Protection Act and National Flood Insurance Reform Act.</p> <p>The Flood Insurance Partner Worksheet and FIRM (Figure B 3-1) are provided in Appendix B, Attachment 3.</p>
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project sites are in Utuado Municipio, which is within a U.S. Environmental Protection Agency (USEPA) designated attainment area. Municipios in nonattainment or maintenance areas include Arecibo, Bayamon, Catano, Guaynabo, Salinas, San Juan and Toa Baja. Project activities include new construction of two concrete platforms for the cisterns and the replacement of a water pump. The project is not anticipated to have a negative impact on air quality and will</p>

		<p>not increase residential density. Emissions associated with the proposed actions are temporary and limited to the use of small construction equipment and will be well below the Federal General Conformity Rule de minimis thresholds. No further evaluation is required. The project is in compliance with the Clean Air Act.</p> <p>The Air Quality Partner Worksheet, List of Non-Attainment/Maintenance Status Counties in Puerto Rico, and Clean Air Map (Figure B 4-1) are provided in Appendix B, Attachment 4.</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project sites are not located within the Puerto Rico Coastal Management Zone. The closest coastal zone area is located 63,971 ft (12 mi) north of the project sites. No further evaluation is required. The project is in compliance with the Coastal Zone Management Act.</p> <p>The Coastal Zone Management Partner Worksheet and Coastal Zone Map (Figure B 5-1) are provided in Appendix B, Attachment 5.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project sites were evaluated for potential contamination by conducting a field site inspection on July 26, 2023, to identify any onsite hazards including, but not limited to, soil staining, above ground storage tanks, signs of underground storage tanks, odors, hazardous debris etc. The site inspection did not identify any onsite hazards that could not be resolved with mitigation (see Appendix C- Environmental Site Inspection Report).</p> <p>In addition, a desktop review of USEPA databases, NEPAassist, and other sources was conducted to determine if the project site was located near dump sites, junk yards, landfills, hazardous waste sites, or industrial sites, including USEPA National Priorities List Sites</p>

		<p>(Superfund sites), CERCLA or state-equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up action and/or further investigation. The desktop review identified three hazardous waste sites within 3,000 ft of the project sites (see Appendix B- Contamination and Toxics Sites Summary). These hazardous waste sites are inactive and have not received any violations in the past 12 quarters. The facilities would not adversely affect the health and safety of project occupants or conflict with the intended use of the property. The project is in compliance with contamination and toxic substances requirements.</p> <p>The Contamination and Toxics Substances Partner Worksheet, Contamination and Toxics Sites Summary, and Contamination and Toxic Substances Map (Figure B 6-1) are provided in Appendix B, Attachment 6.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project involves activities that have the potential to affect protected species or habitats including but not limited to activities such as ground disturbance.</p> <p>Threatened, endangered, and migratory bird species were identified by reviewing data from the United States Fish and Wildlife Service (USFWS) Information and Planning Consultation (IPaC) Tool. In addition, critical species habitat was reviewed through the USFWS IPaC, Critical Habitat Portal.</p> <p>The review identified five federally listed species (Puerto Rican broad-winged hawk [<i>Buteo platypterus brunnescens</i>], Puerto Rican parrot [<i>Amazona vittata</i>], Puerto Rican boa [<i>Chilobothrus inornatus</i>], Puerto Rican Harlequin Butterfly [<i>Atlantea tulita</i>], and <i>Cordia bellonis</i>) with the potential to occur within the project area. There is no</p>

		<p>designated or proposed critical habitat within the project area; the closest final designated critical habitat is located 22,691 ft (4 mi) northeast of the project sites.</p> <p>The project activities will result in ground disturbing activities, including installation of two concrete platforms. A qualified biologist reviewed the proposed activity locations and determined that there is no suitable habitat present for any federally listed species at the proposed project location. Therefore, as currently designed, the proposed project activities will have <i>No effect</i> on any federally listed species or designated critical habitat.</p> <p>If a Puerto Rican Boa is found in the project action site, work shall cease until the Boa moves off site on its own. If the Boa does not move off site, the construction manager shall contact the Puerto Rico Department of Natural and Environmental Resources (DNER) and ask for them to relocate the Boa.</p> <p>The Endangered Species Act Partner Worksheet, Threatened and Endangered Species Technical Memorandum with IPaC, and Critical Habitat Map (Figure B 7-1) are provided in Appendix B, Attachment 7.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the installation of a water pump and three 1,000 gal cisterns on concrete platforms. The project itself is not the development of a hazardous facility nor will the project increase residential densities. No further evaluation is required. The project is in compliance with explosive and flammable hazard requirements.</p> <p>The Explosive and Flammable Hazards Partner Worksheet is provided in Appendix B, Attachment 8.</p>
<p>Farmlands Protection</p>	<p>Yes No</p>	<p>This project does not include any activities that could potentially convert</p>

<p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>agricultural land to non-agricultural use. Cistern Platform Site 1 is in an area designated as prime farmland. 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. The project is in compliance with the Farmland Protection Policy Act.</p> <p>The Farmlands Protection Partner Worksheet and Prime Farmland Map (Figure B 9-1) are provided in Appendix B, Attachment 9.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The FEMA FIRM, Community Panel 72000C0595H (effective date 4/19/2005), shows the project sites are in Flood Zone X. An Advisory Base Flood Elevation (ABFE) map was developed by FEMA for this FIRM, which shows the project sites are in Flood Zone X.</p> <p>The project is not located in the 100-year floodplain or ABFE special flood hazard area; therefore, no further action is required. The project is in compliance with Executive Order 11988.</p> <p>The Floodplain Management Partner Worksheet and ABFE Floodplain Map (Figure B 10-1) are provided in Appendix B, Attachment 10.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the new installation of a water pump and two concrete platforms on undeveloped land and ground disturbing activities of previously undisturbed soil. State Historic Preservation Office (SHPO) consultation was performed.</p> <p>No National Historic Landmark (NHL) are within or near the project area.</p> <p>A site visit was conducted on July 26, 2023, by an SOI-qualified Archaeologist. Record reviews and research were</p>

		<p>conducted at the SHPO and the Instituto de Cultura Puertorriqueña (ICP) to determine if any archaeologically sensitive resources could be present within a 0.5 mi radius.</p> <p>The results of the Record Search and the Site Inspection indicate that there are no historic properties or cultural resources within the 0.50 mi radius study area or within the project Area of Potential Effect (APE). Based on the results of the historic property identification efforts, the Program has determined that project actions will not affect historic properties that compose the APE.</p> <p>The determination was submitted to SHPO by PRDOH for concurrence on October 27, 2023, and SHPO concurred with the No Historic Properties Affected determination on November 10, 2023. No further evaluation is required. The project is in compliance with the National Historic Preservation Act.</p> <p>The Historic Preservation Partner Worksheet and SHPO consultation are provided in Appendix B, Attachment 11.</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>The project activities are limited to the installation of a water pump and three 1,000 gal cisterns on concrete platforms, and do not involve residential new construction or rehabilitation. No further evaluation is required. The project is in compliance with HUD's noise regulation.</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>According to the USEPA's Source Water Protection, Sole Source Aquifer Protection Program, there are no sole source aquifers in Puerto Rico. The project is in compliance with the Safe Drinking Water Act.</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 project sites were reviewed for wetlands using the USFWS Wetland Inventory Mapper and a visual confirmation during the field site</p>

		<p>inspection. No wetlands were determined to be present on the sites. No further evaluation is required. The project is in compliance with Executive Order 11990.</p> <p>The Wetlands Protection Partner Worksheet and Wetland Map (Figure B 12-1) are provided in Appendix B, Attachment 12.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>A review of the USFWS National Wild and Scenic River mapper identified no Wild and Scenic Rivers or National Rivers Inventory (NRI) rivers present in Utuado Municipio. The closest Wild and Scenic River segment is located 346,807 ft (66 mi) east of the project sites. No further evaluation is required. The project is in compliance with the Wild and Scenic Rivers Act.</p> <p>The Wild and Scenic Rivers Partner Worksheet and Wild and Scenic Rivers Map (Figure B 13-1) are provided in Appendix B, Attachment 13.</p>
ENVIRONMENTAL JUSTICE		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The ReGrow Program intends to alleviate negative economic impacts to, and strengthen, the agricultural industry in Puerto Rico. The project's direct and indirect impacts are limited to a small area on a single land parcel. The project will benefit the farm owner by providing access to clean water for agricultural use and production. The project will not facilitate development that would negatively affect human health or result in disproportionate adverse environmental impacts to low-income or minority populations. The project is in compliance with Executive Order 12898.</p> <p>The Environmental Justice Partner Worksheet and EJSscreen Report are provided in Appendix B, Attachment 14.</p>

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

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

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project sites are in an area of the property qualified as not classified (NC). The Cistern Platform 1 Site land use is classified as Specially Protected Rustic Soil (SREP), and the Cistern Platform 2 Site land use is classified as Common Rustic Land (SRC). The proposed action is continued agricultural use of property, which is compatible with zoning and existing land use. The project site is in a rural area of Utuado Municipio, and project activities will not contribute to urban sprawl. The applicant and/or construction manager is required to obtain any necessary local and territorial building and environmental permits prior to construction activities commencing.
Soil Suitability/ Slope/ Erosion/	2	Soil suitability will be assessed prior to construction and will be addressed during local permitting processes. Contractors will be required to use best management

Drainage/ Storm Water Runoff		<p>practices during construction to control erosion and prevent runoff. The soil is currently being used for agriculture purposes.</p> <p>Landslide data from the U.S. Geological Survey (USGS) indicates less than 25 landslides per square kilometer for the project area (see Appendix A, Figure 3- USGS Landslide Map).</p> <p>DNER authorization is required for any extraction, removal, excavation, and dredging of the components of the earth's crust.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>Contractors will be required to provide health and safety plans and monitoring during construction. Noise levels will temporarily increase during construction; however, program activities are limited to the existing farm property and will not elevate ambient noise levels in the long-term. Contractors will be required to comply with the applicable local noise ordinances. Noise impacts will be mitigated by restricting construction activities to daylight hours and to the hours established in the Regulation for Noise Control and Pollution in Puerto Rico. Additionally, the project does not include housing to where inhabitants would be affected.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	<p>The project will result in short-term benefit to employment if contractors are hired for the installation of the cisterns on concrete platforms and replacement of the water pump. After construction, the project will support the continuation of operations and intended use of the farm, which produces produce for Puerto Rico communities.</p> <p>The project is not anticipated to have a significant impact on employment and income patterns; however, the project may help restore employment opportunities and income patterns.</p>
Demographic Character Changes, Displacement	2	<p>The project is a rural area in Utuado Municipio and will not alter the demographics or character of the surrounding community. Project activities will not result in any direct or indirect displacement of individuals or families.</p>

Environmental Justice	2	The project's direct and indirect impacts are limited to a small area on a single land parcel. The project will benefit the farm owner by providing access to clean water for agricultural use and production. The project will not facilitate development that would negatively affect human health or result in disproportionate adverse environmental impacts to low-income or minority populations.
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Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The proposed project activities will occur on private land and will not contribute to any change in educational or cultural facilities or affect access to or capacity of educational or cultural facilities.
Commercial Facilities	2	The proposed project will increase agricultural production, resulting in a net positive impact to the applicant's farm commercial output and a positive benefit to surrounding commercial enterprises who purchase and sell the produce; however, the project will not put undue pressure on commercial facilities.
Health Care and Social Services	2	The proposed project activities will occur on private land and will not affect access to or capacity of health care and social services.
Solid Waste Disposal / Recycling	2	The proposed project may cause an increase in short-term generation of solid waste during construction. All construction debris will be disposed of at the proper facilities for the debris type (i.e., construction waste). The project will not contribute to long-term needs or changes to solid waste disposal and recycling.
Wastewater / Sanitary Sewers	2	The installation of a water pump and three 1,000-gallon cisterns on new concrete platforms will not result in significant changes in wastewater or sanitary sewer generation. Sewage will not be generated from the project. No new wastewater or sanitary sewer connections are required for this project.
Water Supply	2	The proposed project activities are not expected to result in significant changes to the water supply. The installation of three 1,000-gallon cisterns will allow the

		applicant to collect rainwater and reduce the demand on the municipal water supply.
Public Safety - Police, Fire and Emergency Medical	2	The proposed project activities will occur on private land and will not affect public safety concerns such as police, fire, and emergency medical services.
Parks, Open Space and Recreation	2	The proposed project activities will occur on private land and will not result in any changes to access or use of parks, open space, and recreation areas.
Transportation and Accessibility	2	The project activities will occur on private land and have no relation to transportation services. The proposed activities will not result in any changes in transportation and accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The project is not located in proximity to unique natural features or water resources; therefore, construction activities will not affect quality or access to these resources.
Vegetation, Wildlife	2	The project area has already been previously disturbed for farm operations. Although some vegetation pruning will occur, the project is not anticipated to negatively impact trees, vegetation, wildlife, or native plant communities. No tree clearing will occur.
Climate and Energy		
Climate Change	2	The proposed ReGrow program project aims to increase resiliency in the agricultural industry to prepare for future climate related disasters, including drought. The Climate Mapping for Resilience and Adaptation Assessment tool (https://resilience.climate.gov/#assessment-tool) was developed through a partnership of several federal agencies including the U.S. Geological Survey, Department of Energy, and National Oceanic and Atmospheric Administration. The data model for the census tract that includes the application zip code (00611) does not indicate a significant increase in hazard risk from climate change for drought, wildfire

		<p>or flooding, when comparing historical data (1976-2005) to future projections. The model projects a greater number of days where temperatures will exceed 90 degrees Fahrenheit, particularly after 2045, which is a systemic trend in the model across the Island.</p> <p>The specific activities proposed for this economic development project are limited in scale and land impacts. The proposed concrete platform construction, cistern installation, and water pump replacement are for individual farm use and will not result in a significant increase in electricity or water draw. The equipment that will be used during construction and operation will be limited to occasional use at this specific land parcel, and therefore will not generate a significant amount of greenhouse gas. Additionally, project activities will not result in tree clearing that would contribute to a loss in carbon capture.</p>
Energy Efficiency	2	The project will not result in significant additional energy consumption. The electrical infrastructure for the water pump is already in place. The new replacement water pump will be more efficient and will likely result in a decrease in energy consumption.

Additional Studies Performed:

No additional studies were performed.

Field Inspection (Date and completed by):

Field inspection completed on July 26, 2023, by Delise Torres-Ortiz, M.A., SWCA Environmental Consultants.

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

Department of Natural and Environmental Resources (DNER). 2023. Puerto Rico DNER Species Ranges – under construction. Accessed August 17, 2023. Available at: <https://arcg.is/1S9aju0>.

Federal Aviation Administration (FAA). 2022. National Plan for Integrated Airport Systems 2023-2027. Accessed January 31, 2023. Available at: [National Plan of Integrated Airport Systems \(NPIAS\) 2023-2027, Appendix B: National and State Maps \(faa.gov\)](https://www.faa.gov/airports/airport-systems/npias-2023-2027).

Federal Emergency Management Agency (FEMA). 2023. FEMA Flood Map Service Center - Map Panel 72000C0595H (effective 4/19/2005). Accessed March 1, 2023. Available at: <https://msc.fema.gov/portal/home>.

Institute of Puerto Rican Culture (ICP). 2023. San Juan, Puerto Rico. Data collection conducted on August 1, 2023.

National Oceanic and Atmospheric Administration (NOAA) Office for Coastal Management. 2023. Puerto Rico Coastal Zone Boundary. Accessed March 1, 2023. Available at: [Puerto Rico Coastal Vulnerability Viewer \(arcgis.com\)](https://arcgis.com).

State Historic Preservation Office (SHPO). 2023. San Juan, Puerto Rico. Data collection conducted on August 2, 2023 .

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USEPA. 2023a. Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants. USEPA Green Book. Accessed January 31, 2023. Available at: https://www3.epa.gov/airquality/greenbook/anayo_pr.html.

USEPA. 2023b. EJScreen: Environmental Justice Screening and Mapping Tool. Accessed August 7, 2023. Available at: <https://www.epa.gov/ejscreen/download-ejscreen-data>.

U.S. Fish and Wildlife Service (USFWS). 2019. Coastal Barrier Resources System. Accessed January 31, 2023. Available at: <https://www.fws.gov/CBRA/Maps/Mapper.html>.

USFWS. 2023a. Information for Planning and Consultation (IPaC). Accessed August 17, 2023. Available at: <https://ipac.ecosphere.fws.gov/location/index>.

USFWS. 2023b. Critical Habitat for Threatened & Endangered Species. Accessed July 28, 2023. Available at: <https://fws.maps.arcgis.com/home/webmap/viewer.html?webmap=9d8de5e265ad4fe09893cf75b8dbfb77>.

USFWS. 2023c. National Wetlands Inventory Surface Waters and Wetlands Mapper. Accessed March 1, 2023. Available at: <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>.

U.S. Forest Service. 2022. National Wild and Scenic River Segments. Accessed January 31, 2023. Available at: <https://www.rivers.gov/mapping-gis.php>; [Wild & Scenic Rivers | US Forest Service \(usda.gov\)](https://www.usda.gov).

U.S. Geological Survey (USGS). 2022. Concentration of Landslides caused by Hurricane María, Puerto Rico. Accessed March 1, 2023. Available at: [U.S. Landslide Inventory \(arcgis.com\)](https://arcgis.com). February 7, 2024

List of Permits Obtained:

No permits have been obtained.

Public Outreach [24 CFR 58.43]:

Puerto Rico Department of Agriculture has worked closely with the agricultural community. In compliance with the National Environmental Policy Act (NEPA) regulations for HUD, the public will be notified of the project through publication of the combined Finding of No Significant Impact (FONSI) – Notice of Intent to Request Release of Funds (NOI-RROF) notice with a 15-day public comment period.

Cumulative Impact Analysis [24 CFR 58.32]:

The construction of concrete platforms, installation of cisterns, and replacement of a water pump at the project site are not anticipated to have a negative impact on environmental resources. None of the environmental assessment factors nor the regulations reviewed in the above checklist resulted in negative environmental impacts or the need for mitigation. Overall, the project will have a net positive impact by helping a small business increase their capacity for agricultural production. No other planned or ongoing projects were identified in the project vicinity that could contribute to cumulative impacts of environmental resources.

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

Within the boundaries of the property, other locations could be considered for the cistern platforms; however, other locations may result in greater environmental impacts such as additional ground disturbance or tree clearing or may increase costs to the applicant.

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

Under the No Action Alternative, the applicant would not receive federal funding for the purchase and installation of a water pump and three 1,000-gallon cisterns on concrete platforms. Consequently, the applicant may not be able to recover and continue agricultural production. Given the degree of need for greater agricultural capacity in Puerto Rico following Hurricanes Irma and María, the costs of foregoing the Project would exceed the benefits.

Summary of Findings and Conclusions:

The proposed project will not result in any adverse impacts to the surrounding natural, historical, and water resources; generate significant air or noise pollution; or promote environmental or socioeconomic injustices. The proposed project is not located within a coastal zone or near a major water resource.

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
<p>Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p><i>General Condition:</i> The current project activities do not involve the removal of trees. If any tree clearing is to be proposed, the project will need to be re-evaluated for impacts to threatened and endangered species. If a Puerto Rican Boa (Boa) is found in the project activity site, work shall cease until the Boa moves off site on its own. If the Boa does not move off site, the construction manager shall contact the Puerto Rico DNER to relocate the Boa.</p>
<p>Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p><i>General Condition:</i> If historic properties are discovered, unanticipated effects on historic properties are found, or cultural materials are encountered, work should cease in the immediate area; work can continue where no historic properties or cultural materials are present. Please contact PRDOH to consult on further actions that may be necessary to protect historic properties or cultural materials.</p>
<p>Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design</p>	<p>The proposed action is continued agricultural use of property, which is compatible with the existing land use. The applicant and/or construction manager is required to obtain any necessary local and</p>

	territorial building and environmental permits prior to construction activities commencing.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Soil suitability will be assessed prior to construction. Contractors will be required to use best management practices during construction. DNER authorization is required for any extraction, removal, excavation, and dredging of the components of the earth's crust.
Vegetation, Wildlife	DNER authorization may be required for pruning. The landowner and/or the contractor will contact the Permit Management Office to determine permits and authorizations required prior to construction.
Hazards and Nuisances including Site Safety and Noise	Contractors will be required to provide health and safety plans and monitoring during construction. Contractors will be required to comply with the applicable local noise ordinances. Noise impacts will be mitigated by restricting construction activities to daylight hours and to the hours established in the Regulation for Noise Control and Pollution in Puerto Rico.
Solid Waste Disposal / Recycling	All construction debris will be disposed of at the proper facilities for the debris type (i.e., construction waste).

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: Angel M. Peltola Date: 02/05/2024

Name/Title/Organization: Angel Peltola, Deputy Program Manager, SWCA Environmental Consultants

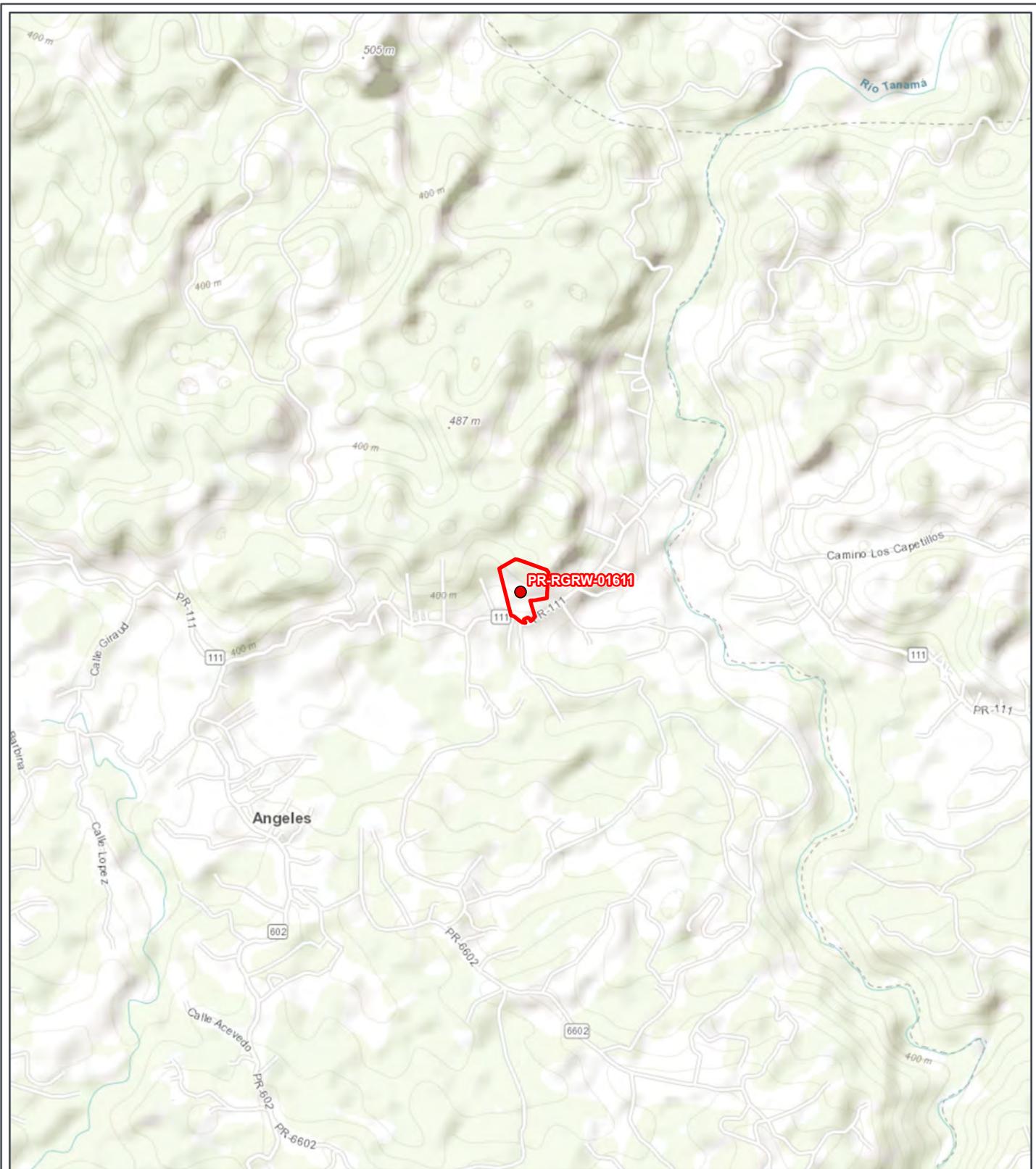
Certifying Officer Signature: *Santa D. Ramirez Lebrón* Date: February 7, 2024

Name/Title: Santa D. Ramírez Lebrón / 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

Project Overview Figures



REGROW PROGRAM

**Figure A-1:
Site Location**

Applicant ID: PR-RGRW-01611



- Site
- Site Parcel

Carr 111 km 46.8 Bo. Angeles
Utua, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/28/2023
Layout: Site Location
Aprx: 72428_ReGrowTier2Maps



1:24,000





REGROW PROGRAM

**Figure A-2:
Site Vicinity**

Applicant ID: PR-RGRW-01611

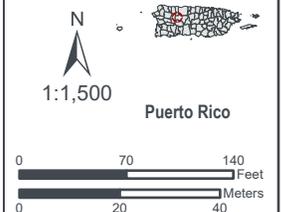


- Site
- Site Parcel
- Project Footprint (Option)

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789487°W 18.29515°N

Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: Site Vicinity
Aprx: 72428_ReGrowTier2Maps





REGROW PROGRAM

**Figure A-3:
USGS Landslide Map**

Applicant ID: PR-RGRW-01611

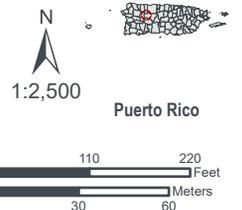


- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)
- ▭ Greater than 25 Landslides per sq km
- ▭ Less than 25 Landslides per sq km
- ▭ No Landslides
- ▭ Not Examined

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: https://arcgis.cuahsi.org/arcgis/rest/services/MariaRAPID/Hurricane_Maria_Landslides/MapServer
Base Map: ESRI ArcGIS Online, accessed August 2023
Updated: 8/10/2023
Layout: Landslide



Appendix B
Attachments and Supporting
Documentation

Attachment 1
Airport Hazards Partner Worksheet and
Airport Hazards Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Airport Hazards (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/airport-hazards>

1. To ensure compatible land use development, you must determine your site’s proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.*

Yes → *Continue to Question 2.*

2. Is your project located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ)?

Yes, project is in an APZ → *Continue to Question 3.*

Yes, project is an RPZ/CZ → *Project cannot proceed at this location.*

No, project is not within an APZ or RPZ/CZ

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Continue to the Worksheet Summary below. Provide a map showing that the site is not within either zone.*

3. Is the project in conformance with DOD guidelines for APZ?

Yes, project is consistent with DOD guidelines without further action.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.*

No, the project cannot be brought into conformance with DOD guidelines and has not been approved. → *Project cannot proceed at this location.*

If mitigation measures have been or will be taken, explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

[Click here to enter text.](#)

→ Work with the RE/HUD to develop mitigation measures. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project sites are not within 2,500 feet of a civil primary or commercial service airport or within 15,000 feet of a military airport. The nearest civil primary or commercial service airport, Eugenio Maria De Hostos, is located 122,822 feet (23 miles) west of the project sites. The nearest military airport, Luis Munoz Marin International Airport, is located 273,241 feet (52 miles) northeast the project sites. No further evaluation is required. The project is in compliance with airport hazards requirements.



REGROW PROGRAM

**Figure B 1-1:
Airport Hazards Map**

Applicant ID: PR-RGRW-01611

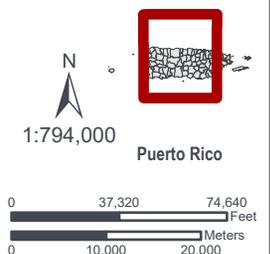


- Site
- ▭ Airport Runway
- ▭ Accident Potential Zones (APZ)
- ▭ Runway Protection Zones (RPZ)
- ▭ 2,500-FT Civil Airport Buffer
- ▭ 15,000-FT Military Airport Buffer

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.579025°W 18.34869°N

Data Source: <https://geodata.bts.gov/>
Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/28/2023
Layout: Airport Hazards
Aprx: 72428_ReGrowTier2Maps



Attachment 2

Coastal Barrier Resources Act Partner Worksheet and Coastal Barrier Resources Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Coastal Barrier Resources (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/coastal-barrier-resources>

Projects located in the following states must complete this form.

Alabama	Georgia	Massachusetts	New Jersey	Puerto Rico	Virgin Islands
Connecticut	Louisiana	Michigan	New York	Rhode Island	Virginia
Delaware	Maine	Minnesota	North Carolina	South Carolina	Wisconsin
Florida	Maryland	Mississippi	Ohio	Texas	

1. Is the project located in a CBRS Unit?

- No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a CBRS Unit.*
- Yes → *Continue to 2.*

Federal assistance for most activities may not be used at this location. You must either choose an alternate site or cancel the project. In very rare cases, federal monies can be spent within CBRS units for certain exempted activities (e.g., a nature trail), after consultation with the Fish and Wildlife Service (FWS) (see [16 USC 3505](#) for exceptions to limitations on expenditures).

2. Indicate your recommended course of action for the RE/HUD

- Consultation with the FWS
- Cancel the project

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

The project sites are not located in a Coastal Barrier Resource Systems Unit (CBRS) or Otherwise Protected Area (OPA). The closest CBRS unit, Penon Brusi, is located 69,029 feet (13 miles) north of the project sites. No further evaluation is required. The project is in compliance with the Coastal Barrier Resources Act.



REGROW PROGRAM

Figure B 2-1: Coastal Barrier Resources Map

Applicant ID: PR-RGRW-01611

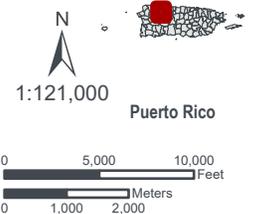


- Site
- Otherwise Protected Area
- System Unit

Carr 111 km 46.8 Bo. Angeles Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
 Parcel Center:
 66.810605°W 18.388025°N

Data Source: <https://cbrsgis.wim.usgs.gov/arcgis/rest/services/CoastalBarrierResourcesSystem/MapServer>
 Base Map: ESRI ArcGIS Online, accessed July 2023
 Updated: 7/28/2023
 Layout: Coastal Barrier Resources System



Attachment 3

Flood Insurance Partner Worksheet and Flood Insurance Rate Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Flood Insurance (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/flood-insurance>

1. Does this project involve mortgage insurance, refinance, acquisition, repairs, rehabilitation, or construction of a structure, mobile home, or insurable personal property?

No. This project does not require flood insurance or is excepted from flood insurance.

→ Continue to the Worksheet Summary.

Yes → Continue to Question 2.

2. Provide a FEMA/FIRM map showing the site.

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs).

Is the structure, part of the structure, or insurable property located in a FEMA-designated Special Flood Hazard Area?

No → Continue to the Worksheet Summary.

Yes → Continue to Question 3.

3. Is the community participating in the National Flood Insurance Program or has less than one year passed since FEMA notification of Special Flood Hazards?

Yes, the community is participating in the National Flood Insurance Program.

Flood insurance is required. Provide a copy of the flood insurance policy declaration or a paid receipt for the current annual flood insurance premium and a copy of the application for flood insurance.

→ Continue to the Worksheet Summary.

Yes, less than one year has passed since FEMA notification of Special Flood Hazards.

If less than one year has passed since notification of Special Flood Hazards, no flood insurance is required.

→ Continue to the Worksheet Summary.

No. The community is not participating, or its participation has been suspended.

Federal assistance may not be used at this location. Cancel the project at this location.

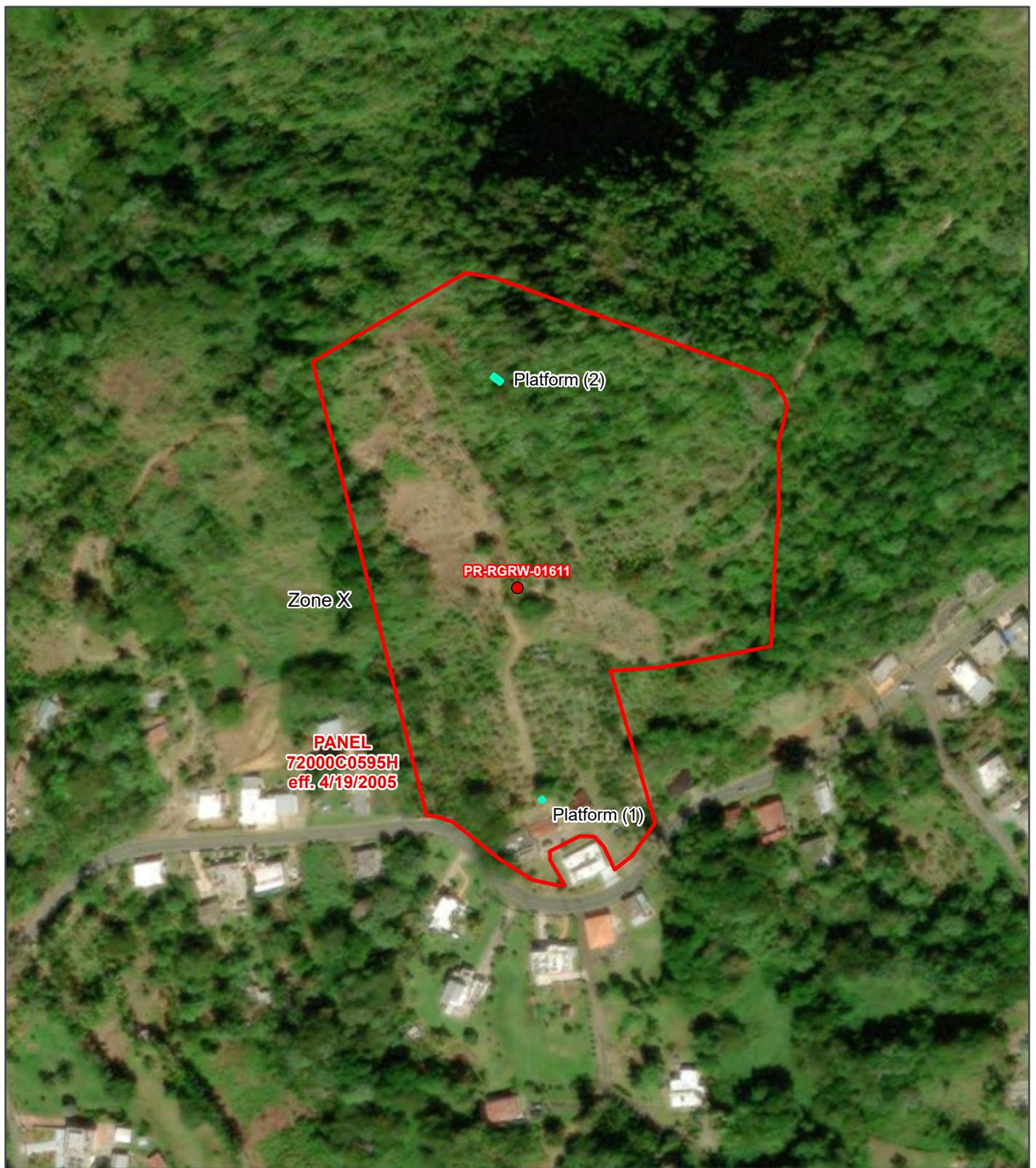
Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

A review of the FEMA Flood Insurance Rate Map (FIRM), Community Panel 72000C0595H (effective date 4/19/2005), shows the project sites are in Flood Zone X, which is not in a Special Flood Hazard Area (SFHA). Flood insurance is not required. No further evaluation is required. The project is in compliance with the Flood Disaster Protection Act and National Flood Insurance Reform Act.



REGROW PROGRAM

Figure B 3-1: Flood Insurance Rate Map (FIRM)

Applicant ID: PR-RGRW-01611

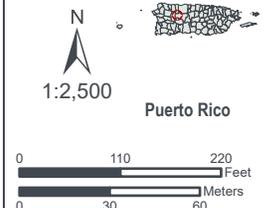


- Site
- Site Parcel
- Project Footprint (Option)
- Base Flood Elevations
- Zone A
- Zone AE
- Zone AH
- Zone AO
- Zone VE
- Floodway
- Zone X - Shaded (500-year floodplain)
- Zone X - Unshaded
- Area Not Included
- Open Water

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: <https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHL/MapServer>
Base Map: ESRI ArcGIS Online, accessed August 2023
Updated: 8/10/2023
Layout: Effective Floodplain
Aprx: 72428_ReGrowTier2Maps



Attachment 4

Air Quality Partner Worksheet, List of Non-Attainment/Maintenance Status Counties in Puerto Rico, and Clean Air Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Air Quality (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/air-quality>

- 1. Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?**

Yes → *Continue to Question 2.*

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide any documents used to make your determination.*

- 2. Is your project’s air quality management district or county in non-attainment or maintenance status for any criteria pollutants?**

Follow the link below to determine compliance status of project county or air quality management district:

<http://www.epa.gov/oaqps001/greenbk/>

No, project’s county or air quality management district is in attainment status for all criteria pollutants

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes, project’s management district or county is in non-attainment or maintenance status for one or more criteria pollutants. → *Continue to Question 3.*

- 3. Determine the estimated emissions levels of your project for each of those criteria pollutants that are in non-attainment or maintenance status on your project area. Will your project exceed any of the *de minimis* or *threshold* emissions levels of non-attainment and maintenance level pollutants or exceed the screening levels established by the state or air quality management district?**

No, the project will not exceed *de minimis* or threshold emissions levels or screening levels

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Explain how you determined that the project would not exceed *de minimis* or *threshold* emissions.*

Yes, the project exceeds *de minimis* emissions levels or screening levels.

→ *Continue to Question 4. Explain how you determined that the project would not exceed de minimis or threshold emissions in the Worksheet Summary.*

4. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

[Click here to enter text.](#)

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project sites are in Utuado Municipio, which is within a U.S. Environmental Protection Agency (USEPA) designated attainment area. Municipios in nonattainment or maintenance areas include Arecibo, Bayamon, Catano, Guaynabo, Salinas, San Juan and Toa Baja. Project activities include new construction of two concrete platforms for cisterns, replacement of a water pump, and purchase of equipment. The project is not anticipated to have a negative impact on air quality and will not increase residential density. Emissions associated with the proposed actions are temporary and limited to the use of small construction equipment and will be well below the Federal General Conformity Rule de minimis thresholds. No further evaluation is required. The project is in compliance with the Clean Air Act.



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

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

Data is current as of February 28, 2023

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

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

Change the State:

Important Notes

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

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

Important Notes

Discover.

Connect.

Ask.

Follow.

2023-02-28

February 7 2024



REGROW PROGRAM

**Figure B 4-1:
Clean Air Map**

Applicant ID: PR-RGRW-01611



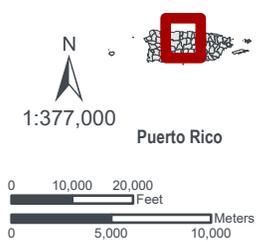
- Site
- ▨ 8-Hour Ozone (2015 Standard)*
- Lead (2008 Standard)
- PM-2.5 (2012 Standard)*
- Sulfur Dioxide (2010 Standard)

*No Data in Puerto Rico

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.522331°W 18.370529°N

Data Source: https://geopub.epa.gov/arcgis/rest/services/NEPAAssist/NEPAVELayersPublic_fgdb/MapServer
Base Map: ESRI ArcGIS Online, accessed July 2023
Updated: 7/28/2023
Layout: Clean Air
Aprx: 72428_ReGrowTier2Maps



Attachment 5

Coastal Zone Management Partner Worksheet and Coastal Zone Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Coastal Zone Management Act (CEST and EA) – PARTNER

<https://www.onecpd.info/environmental-review/coastal-zone-management>

Projects located in the following states must complete this form.

Alabama	Florida	Louisiana	Mississippi	Ohio	Texas
Alaska	Georgia	Maine	New Hampshire	Oregon	Virgin Islands
American Samona	Guam	Maryland	New Jersey	Pennsylvania	Virginia
California	Hawaii	Massachusetts	New York	Puerto Rico	Washington
Connecticut	Illinois	Michigan	North Carolina	Rhode Island	Wisconsin
Delaware	Indiana	Minnesota	Northern Mariana Islands	South Carolina	

1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

Yes → Continue to Question 2.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a Coastal Zone.

2. Does this project include activities that are subject to state review?

Yes → Continue to Question 3.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.

3. Has this project been determined to be consistent with the State Coastal Management Program?

Yes, with mitigation. → The RE/HUD must work with the State Coastal Management Program to develop mitigation measures to mitigate the impact or effect of the project.

Yes, without mitigation. → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.

No → Project cannot proceed at this location.

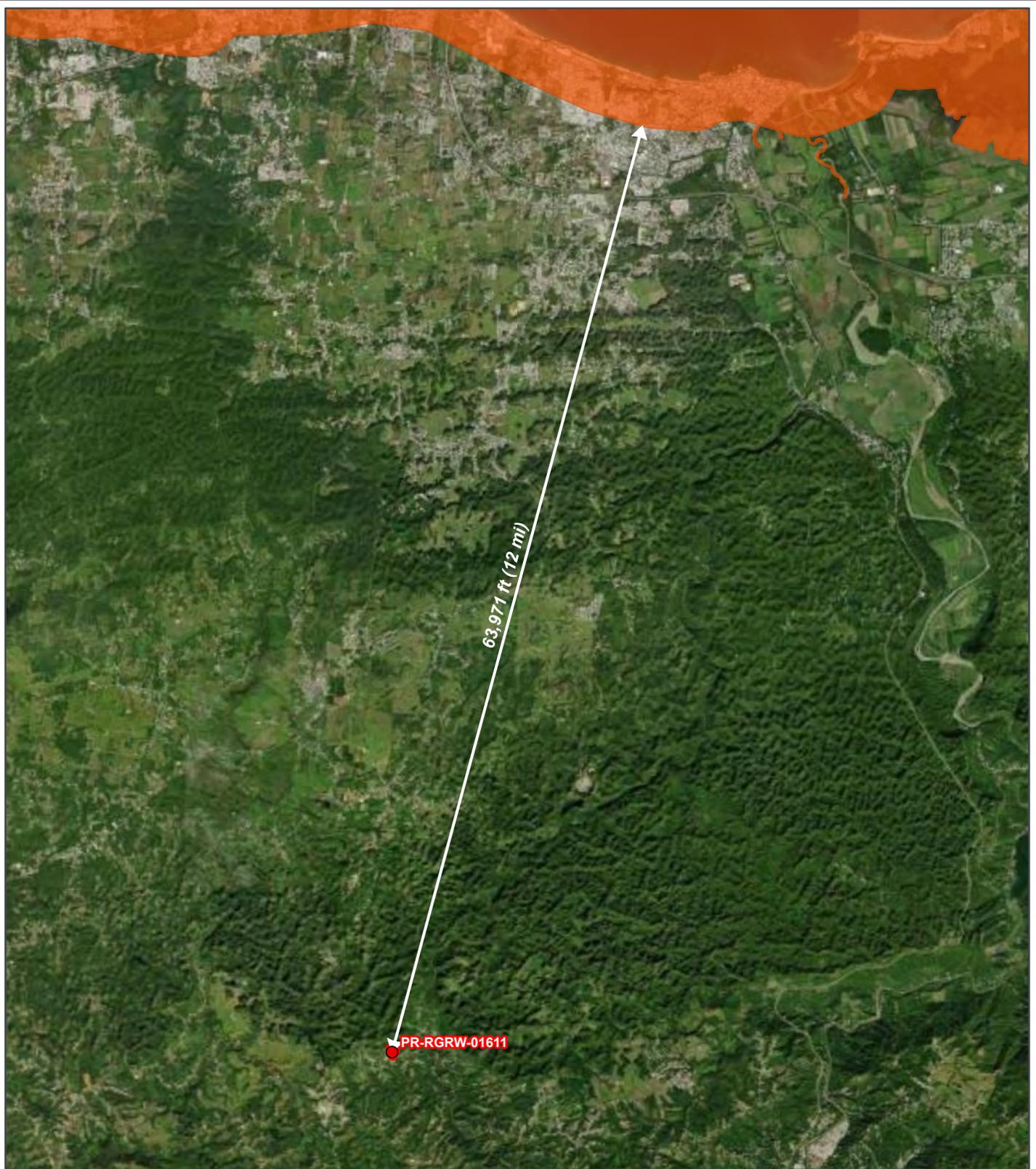
Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project sites are not located within the Puerto Rico Coastal Management Zone. The closest coastal zone area is located 63,971 feet (12 miles) north of the project sites. No further evaluation is required. The project is in compliance with the Coastal Zone Management Act.



REGROW PROGRAM

Figure B 5-1: Coastal Zone Management Map

Applicant ID: PR-RGRW-01611

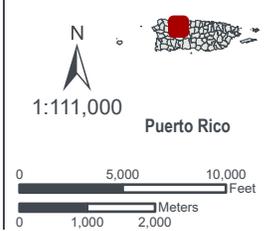


- Site
- Coastal Management Zone

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.765736°W 18.38019°N

Data Source: <https://coast.noaa.gov/arcgis/rest/services/Hosted/CoastalZoneManagementAct/BaseMap:ESRI/ArcGIS/Online>,
accessed July 2023
Updated: 7/28/2023
Layout: Coastal Zone Management
Aprx: 72428_ReGrowTier2Maps



Attachment 6

Contamination and Toxics Substances Partner Worksheet, **Desktop Review** **Summary and Map**



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Contamination and Toxic Substances (Multifamily and Non-Residential Properties) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/site-contamination>

1. How was site contamination evaluated? ¹ Select all that apply.

- ASTM Phase I ESA
- ASTM Phase II ESA
- Remediation or clean-up plan
- ASTM Vapor Encroachment Screening
- None of the above

→ Provide documentation and reports and include an explanation of how site contamination was evaluated in the Worksheet Summary.

Continue to Question 2.

2. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

- No → Explain below.

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

- Yes → Describe the findings, including any recognized environmental conditions (RECs), in Worksheet Summary below. Continue to Question 3.

3. Can adverse environmental impacts be mitigated?

¹ HUD regulations at 24 CFR § 58.5(i)(2)(ii) require that the environmental review for multifamily housing with five or more dwelling units or non-residential property include the evaluation of previous uses of the site or other evidence of contamination on or near the site. For acquisition and new construction of multifamily and nonresidential properties HUD strongly advises the review include an ASTM Phase I Environmental Site Assessment (ESA) to meet real estate transaction standards of due diligence and to help ensure compliance with HUD’s toxic policy at 24 CFR §58.5(i) and 24 CFR §50.3(i). Also note that some HUD programs require an ASTM Phase I ESA.

Adverse environmental impacts cannot feasibly be mitigated → HUD assistance may not be used for the project at this site. Project cannot proceed at this location.

Yes, adverse environmental impacts can be eliminated through mitigation.
→ *Provide all mitigation requirements² and documents. Continue to Question 4.*

4. Describe how compliance was achieved. Include any of the following that apply: State Voluntary Clean-up Program, a No Further Action letter, use of engineering controls³, or use of institutional controls⁴.

[Click here to enter text.](#)

If a remediation plan or clean-up program was necessary, which standard does it follow?

- Complete removal
 Risk-based corrective action (RBCA)

→ *Continue to the Worksheet Summary.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project site was evaluated for potential contamination by conducting a field site inspection on 7/26/2023 to identify any onsite hazards including, but not limited to, soil staining, above ground storage tanks, signs of underground storage tanks, odors, hazardous debris etc. The site inspection did not identify any onsite hazards that could not be resolved with mitigation.

In addition, a desktop review of USEPA databases, NEPAassist, and other sources was conducted to determine if the project site was located near dump sites, junk yards, landfills, hazardous waste sites, or industrial sites, including USEPA National Priorities List Sites (Superfund sites), CERCLA or state-equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up

² Mitigation requirements include all clean-up actions required by applicable federal, state, tribal, or local law. Additionally, provide, as applicable, the long-term operations and maintenance plan, Remedial Action Work Plan, and other equivalent documents.

³ Engineering controls are any physical mechanism used to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

⁴ Institutional controls are mechanisms used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for unrestricted use of the property. Institutional controls may include structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.

action and/or further investigation. The desktop review identified three hazardous waste sites within 3,000 feet of the project sites (see Appendix B- Contamination and Toxics Sites Summary). These hazardous waste sites are inactive and have not received any violations in the past 12 quarters. The facilities would not adversely affect the health and safety of project occupants or conflict with the intended use of the property. The project is in compliance with contamination and toxic substances requirements.

Contamination and Toxics Sites Summary
Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611

Database	Primary ID	Facility Name	Facility Address	Secondary ID	Latitude	Longitude	Distance (ft)	Status
Hazardous Waste Site	110004892634	SAN SEBASTIAN SS 3204	CARR PR 111 INT 119 KM 21	PRR000003756	18.294416	-66.794962	1,977	No violations identified. Listed as inactive. EPA correspondence attached.
Hazardous Waste Site	110004890486	MUNICIPAL MOTORPOOL OF UTUADO	CARR 111 KM 3.1	PRN008005324	18.299438	-66.782829	2,471	No violations identified. Listed as inactive. EPA correspondence attached.
Hazardous Waste Site	110009436850	DOT DPW	CARR 111 KM 4.2	PRN008005332	18.299438	-66.782829	2,471	No violations identified. Listed as inactive. EPA correspondence attached.

Detailed Facility Report



Detailed Facility Report

Facility Summary

SAN SEBASTIAN SS 3204

PR-111 INT 119 KM 21, SAN SEBASTIAN, PR 00685

FRS (Facility Registry Service) ID: 110004892634

EPA Region: 02

Latitude: 18.294416

Longitude: -66.794962

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRR000003756)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<u>110004892634</u>					N	18.294416	-66.794962
ICIS		2444137					N		
RCRAInfo	RCRA	PRR000003756	Other	Inactive ()			N	18.294416	-66.794962

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<u>110004892634</u>	SAN SEBASTIAN SS 3204	PR-111 INT 119 KM 21, SAN SEBASTIAN, PR 00685	San Sebasti+in Municipio
ICIS		2444137	SAN SEBASTIAN SS 3204	CARR PR 111 INT 119 KM 21, SAN SEBASTIAN, PR 00685	San Sebasti+in Municipio
RCRAInfo	RCRA	PRR000003756	SAN SEBASTIAN SS 3204	CARR PR 111 INT 119 KM 21, SAN SEBASTIAN, PR 00685	San Sebasti+in Municipio

Facility SIC (Standard Industrial Classification) Codes

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

No data records returned

Facility NAICS (North American Industry Classification System) Codes

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

No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000003756	No	07/29/2023	0	07/28/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA	(Source ID: PRR000003756)	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years 

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

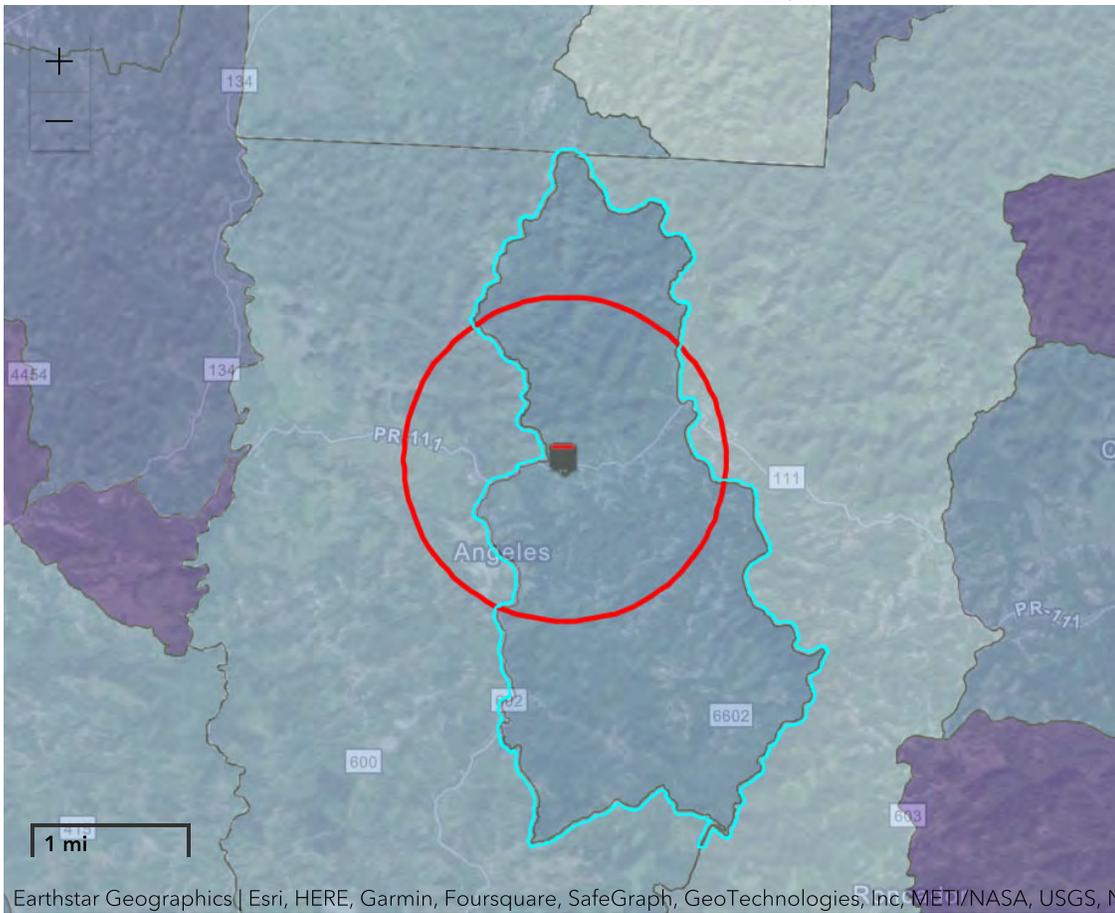
Related Reports

[EJScreen Community Report](#)

Download Data

Census Block Group ID: 721419571002	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	5
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	--
Air Toxics Cancer Risk	86	86
Air Toxics Respiratory Hazard Index	57	57
Traffic Proximity	59	59
Lead Paint	82	82
Risk Management Plan (RMP) Facility Proximity	90	93
Hazardous Waste Proximity	51	51
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	--
Wastewater Discharge	99	99

Facility 1-mile Radius
 Facility Census Block Group



Earthstar Geographics | Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, NPS

Powered by Esri

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2016 - 2020 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	1,126	Children 5 years and younger	63 (6%)

General Statistics (U.S. Census)	
Population Density	354/sq.mi.
Housing Units in Area	537
General Statistics (ACS (American Community Survey))	
Total Persons	936
Percent People of Color	99%
Households in Area	305
Households on Public Assistance	27
Persons With Low Income	753
Percent With Low Income	80%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.294416
Center Longitude	-66.794962
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	152 (50.33%)
\$15,000 - \$25,000	28 (9.27%)
\$25,000 - \$50,000	80 (26.49%)
\$50,000 - \$75,000	31 (10.26%)
Greater than \$75,000	11 (3.64%)

Age Breakdown (U.S. Census) - Persons (%)	
Minors 17 years and younger	256 (23%)
Adults 18 years and older	870 (77%)
Seniors 65 years and older	210 (19%)

Race Breakdown (U.S. Census) - Persons (%)	
White	1,035 (92%)
African-American	29 (3%)
Hispanic-Origin	1,123 (100%)
Asian/Pacific Islander	0 (0%)
American Indian	3 (0%)
Other/Multiracial	59 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	111 (19.2%)
9th through 12th Grade	62 (10.73%)
High School Diploma	158 (27.34%)
Some College/2-year	106 (18.34%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	62 (10.73%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

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[Help <https://epa.gov/>](https://epa.gov/)

Detailed Facility Report



Detailed Facility Report

Facility Summary

MUNICIPALITY OF UTUADO

PR-111 KM 3.1, UTUADO, PR 00641 

FRS (Facility Registry Service) ID: 110004890486

EPA Region: 02

Latitude: 18.299438

Longitude: -66.782829

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	05/01/2000
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRN008005324)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Univers	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004890486					N	18.299438	-66.782829
ICIS		32252					N	18.299438	-66.782829
ICIS		3600182979					N	18.299438	-66.782829
RCRAInfo	RCRA	PRN008005324	Other	Inactive ()			N	18.299438	-66.782829

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004890486	MUNICIPALITY OF UTUADO	PR-111 KM 3.1, UTUADO, PR 00641	Utuaodo Municipio
ICIS		32252	MUNICIPALITY OF UTUADO	CARRETERA 111, KM 3.1, UTUADO, PR 00641	Utuaodo Municipio
ICIS		3600182979	MUNICIPALITY OF UTUADO	PR-10 KM 55.5, UTUADO, PR 00641	Utuaodo Municipio
RCRAInfo	RCRA	PRN008005324	MUNICIPAL MOTORPOOL OF UTUADO	CARR 111 KM 3.1, UTUADO, PR 00641	Utuaodo Municipio

Facility SIC (Standard Industrial Classification) Codes

System ↑ Identifier ↓ SIC Code ↓ SIC Description ↑

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System ↑ Identifier ↓ NAICS Code ↓ NAICS Description ↑

No data records returned

Facility Tribe Information

Reservation Name ↑ Tribe Name ↑ EPA Tribal ↓ Distance to Tribe (miles) ↑

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008005324	No	11/12/2023	0	11/11/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRN008005324)		01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

Informal Enforcement Actions

Last 5 Years

Statute ↑ System ↓ Source ID ↑ Type of Action ↑ Lead Agency ↓ Date ↑

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name ↑

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID ↑
Description ↓

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

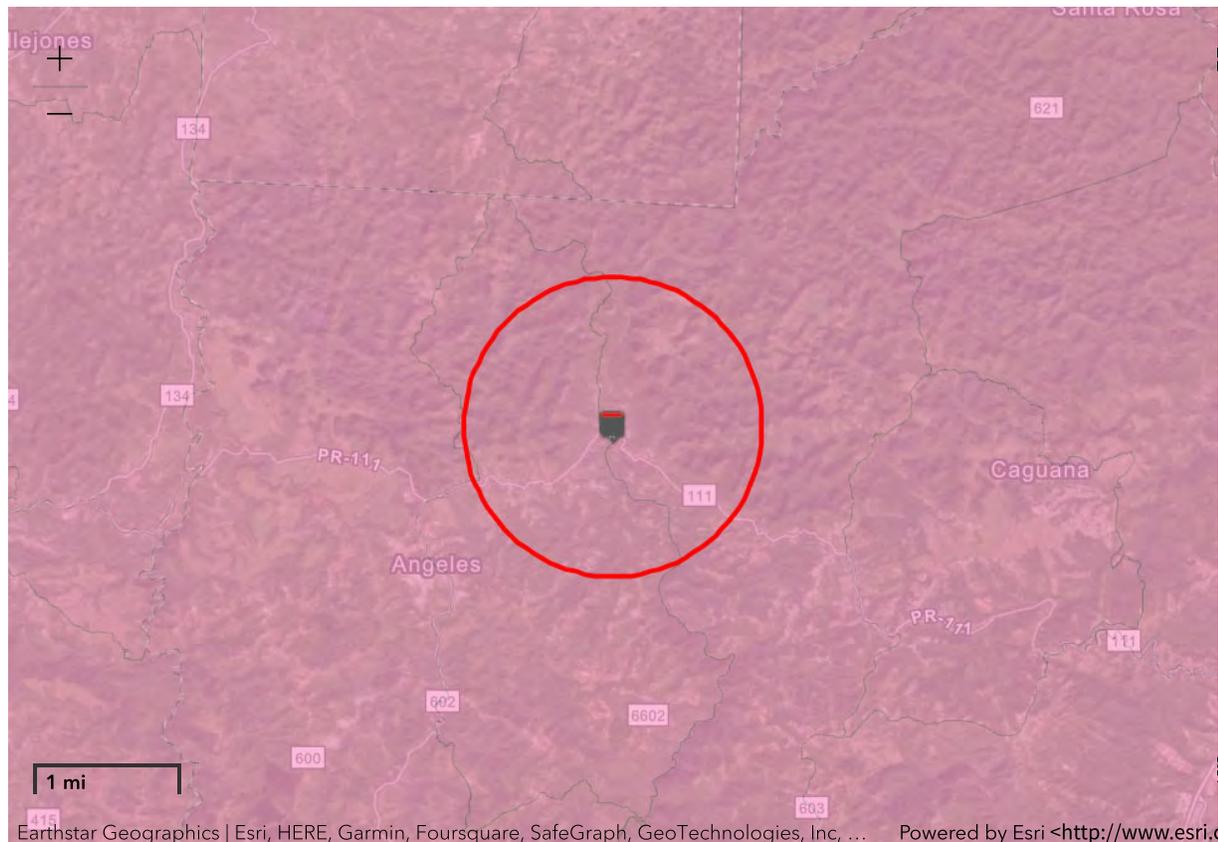
Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721419571001	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	4	4
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	--
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	37	38
Toxic Releases to Air	<input checked="" type="radio"/> 87	<input checked="" type="radio"/> 90
Traffic Proximity	71	71
Lead Paint	<input checked="" type="radio"/> 89	<input checked="" type="radio"/> 89
Risk Management Plan (RMP) Facility Proximity	64	<input checked="" type="radio"/> 86
Hazardous Waste Proximity	54	55
Superfund Proximity	<input checked="" type="radio"/> 99	<input checked="" type="radio"/> 99
Underground Storage Tanks (UST)	0	--
Wastewater Discharge	<input checked="" type="radio"/> 98	<input checked="" type="radio"/> 99

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	733	Children 5 years and younger	39 (5%)
Population Density	240/sq.mi.	Minors 17 years and younger	152 (21%)
Housing Units in Area	330	Adults 18 years and older	582 (79%)
General Statistics (ACS (American Community Survey))		Seniors 65 years and older	
Total Persons	695		150 (20%)
Percent People of Color	99%	Race Breakdown (U.S. Census) - Persons (%)	
Households in Area	232	White	688 (94%)
Households on Public Assistance	42	African-American	14 (2%)
Persons With Low Income	561	Hispanic-Origin	731 (100%)
Percent With Low Income	81%	Asian/Pacific Islander	0 (0%)
Geography		American Indian	4 (1%)
Radius of Selected Area	1 mi.	Other/Multiracial	27 (4%)
Center Latitude	18.299438	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Center Longitude	-66.782829	Less than 9th Grade	117 (23.68%)
Land Area	99%	9th through 12th Grade	61 (12.35%)
Water Area	1%	High School Diploma	108 (21.86%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		Some College/2-year	90 (18.22%)
Less than \$15,000	120 (51.72%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	58 (11.74%)
\$15,000 - \$25,000	26 (11.21%)		
\$25,000 - \$50,000	60 (25.86%)		
\$50,000 - \$75,000	17 (7.33%)		
Greater than \$75,000	9 (3.88%)		

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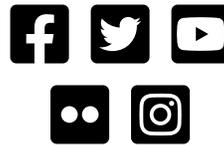
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Detailed Facility Report



Detailed Facility Report

Facility Summary

DOT DPW

CARR 111 KM 4.2, UTUADO, PR 00641 

FRS (Facility Registry Service) ID: 110009436850

EPA Region: 02

Latitude: 18.299438

Longitude: -66.782829

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	02/26/1997
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRN008005332)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Univers	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110009436850					N	18.299438	-66.782829
RCRAInfo	RCRA	PRN008005332	Other	Inactive ()			N	18.299438	-66.782829

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110009436850	DOT DPW	CARR 111 KM 4.2, UTUADO, PR 00641	Utuaodo Municipio
RCRAInfo	RCRA	PRN008005332	DOT DPW	CARR 111 KM 4.2, UTUADO, PR 00641	Utuaodo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

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

No data records returned

Facility Tribe Information

Reservation Name | Tribe Name | EPA Tribal | Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008005332	No	11/12/2023	0	11/11/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA	(Source ID: PRN008005332)	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
Facility-Level Status		No Violation Identified											
Violation													
Agency													

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds ▲

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

NPDES ID Description

No data records returned

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to US State

Index Type Environmental Justice Supplemental

Related Reports

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Census Block Group ID: 721419571001

US (Percentile)

Supplemental Indexes

Facility Census Block Group 1-mile Max

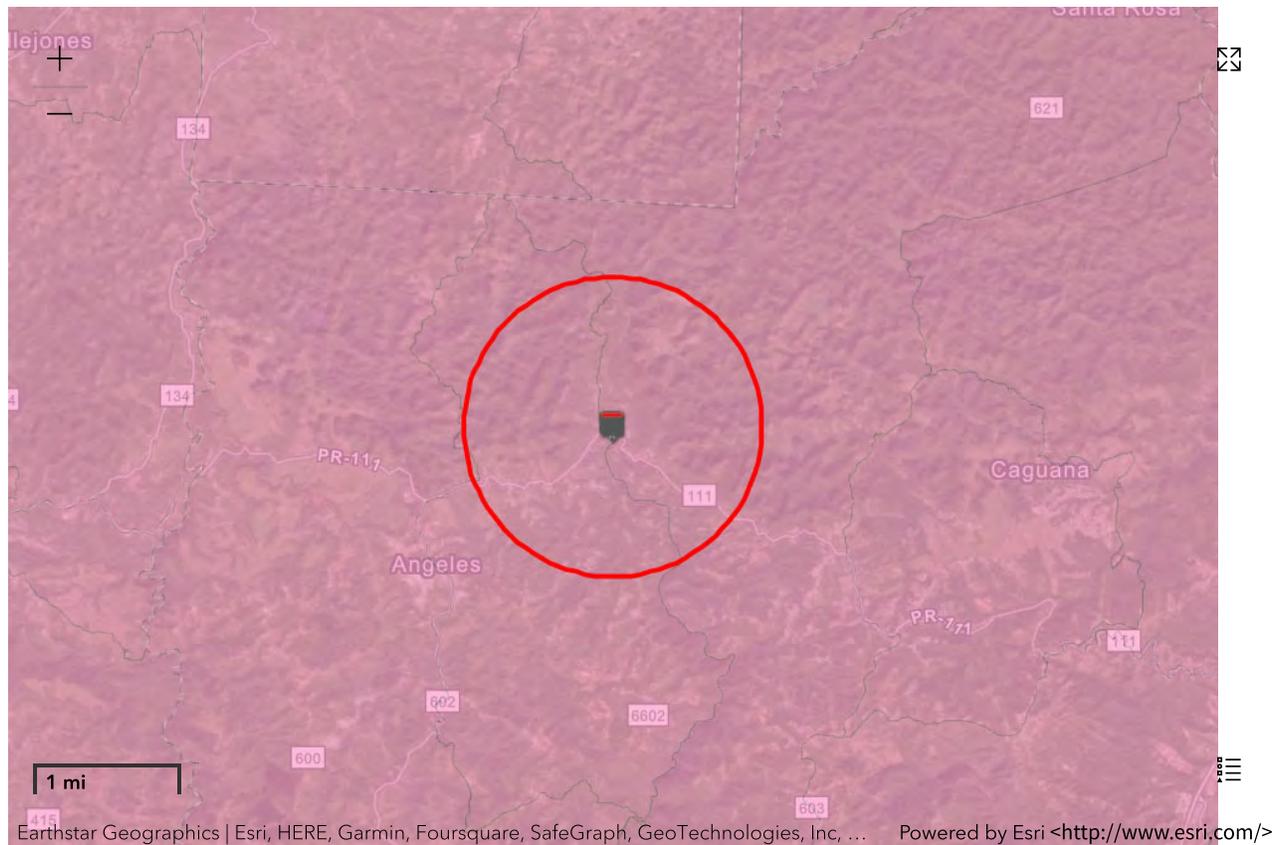
Count of Indexes At or Above 80th Percentile

4

4

Census Block Group ID: 721419571001	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	--
Air Toxics Cancer Risk	54	55
Air Toxics Respiratory Hazard Index	37	38
Toxic Releases to Air	87	90
Traffic Proximity	71	71
Lead Paint	89	89
Risk Management Plan (RMP) Facility Proximity	64	86
Hazardous Waste Proximity	54	55
Superfund Proximity	99	99
Underground Storage Tanks (UST)	0	--
Wastewater Discharge	98	99

Facility 1-mile Radius
 Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

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

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Total Persons	733
Population Density	240/sq.mi.
Housing Units in Area	330

General Statistics (ACS (American Community Survey))	
Total Persons	695
Percent People of Color	99%
Households in Area	232
Households on Public Assistance	42
Persons With Low Income	561
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.299438
Center Longitude	-66.782829
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	120 (51.72%)
\$15,000 - \$25,000	26 (11.21%)
\$25,000 - \$50,000	60 (25.86%)
\$50,000 - \$75,000	17 (7.33%)
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Age Breakdown (U.S. Census) - Persons (%)	
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Minors 17 years and younger	152 (21%)
Adults 18 years and older	582 (79%)
Seniors 65 years and older	150 (20%)

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African-American	14 (2%)
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Other/Multiracial	27 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	117 (23.68%)
9th through 12th Grade	61 (12.35%)
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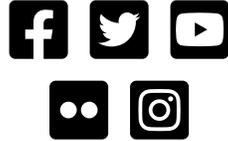
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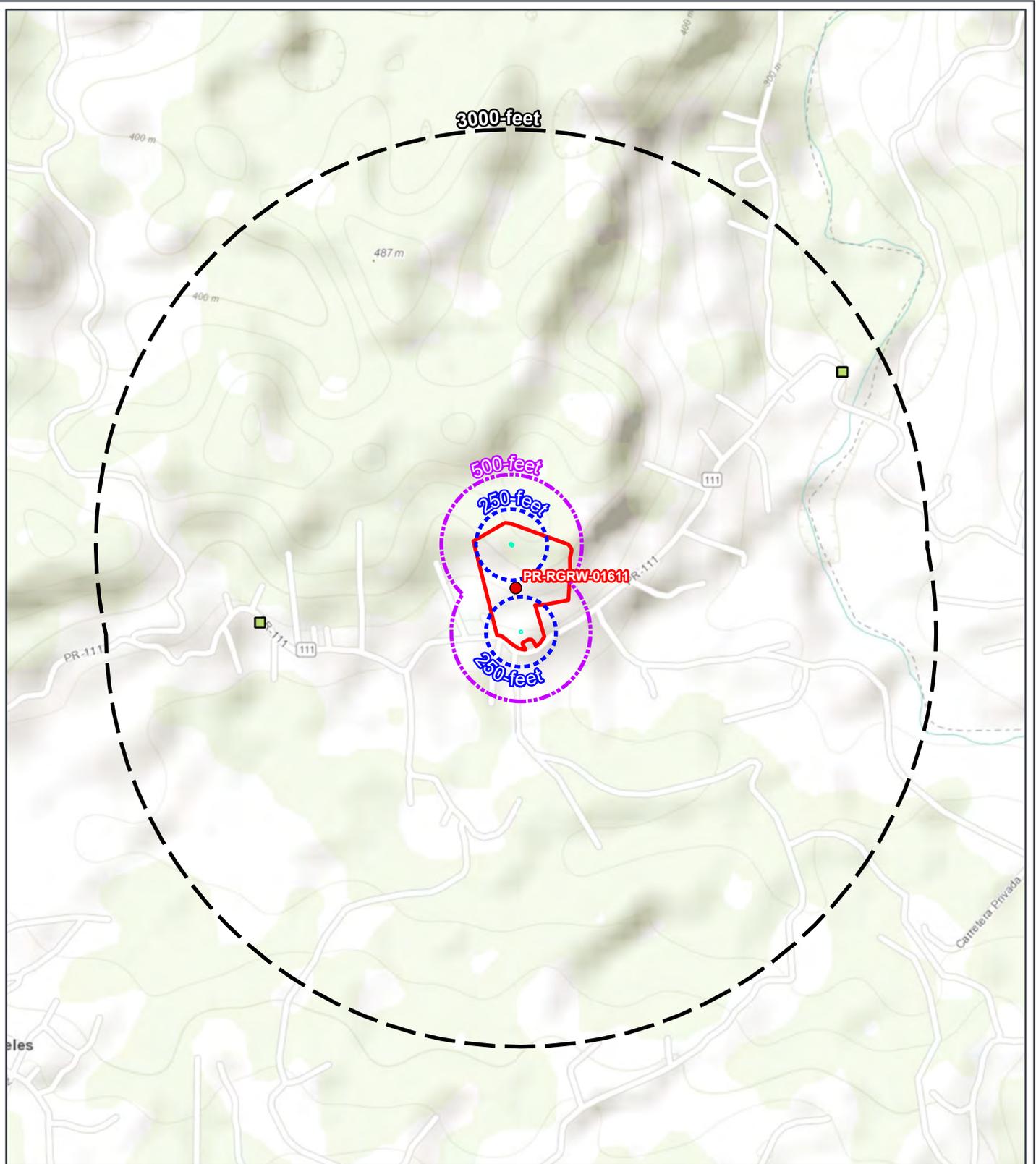
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REGROW PROGRAM

**Figure B 6-1:
Contamination and
Toxic Substances Map**

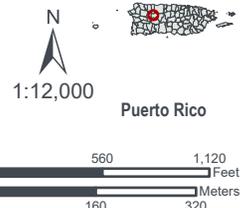
Applicant ID: PR-RGRW-01611



- Site
- Site Parcel
- Project Footprint (Option)
- Buffer (250-feet)
- Buffer (500-feet)
- Buffer (3000-feet)
- Water dischargers
- Toxic Substances Control Act
- Toxic releases
- Superfund
- Hazardous waste
- Brownfields
- Air pollution

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611
Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: <https://geopub.epa.gov/arcgis/rest/services/EMEF/MapServer>
MapServer
Base Map: ESRI ArcGIS Online, accessed November 2023
Updated: 11/15/2023
Layout: Contamination and Toxic Substances



Attachment 7

**Endangered Species Act Partner
Worksheet, Threatened and Endangered
Species Technical Memorandum,
USFWS IPaC Species List, and Critical
Habitat Map**



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Endangered Species Act (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/endangered-species>

1. Does the project involve any activities that have the potential to affect species or habitats?

No, the project will have No Effect due to the nature of the activities involved in the project.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office.

Explain your determination:

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Yes, the activities involved in the project have the potential to affect species and/or habitats. → Continue to Question 2.

2. Are federally listed species or designated critical habitats present in the action area?

Obtain a list of protected species from the Services. This information is available on the [FWS Website](#).

No, the project will have No Effect due to the absence of federally listed species and designated critical habitat.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation may include letters from the Services, species lists from the Services’ websites, surveys or other documents and analysis showing that there are no species in the action area.

Yes, there are federally listed species or designated critical habitats present in the action area. → Continue to Question 3.

3. Recommend one of the following effects that the project will have on federally listed species or designated critical habitat:

No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.*

May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.

→ Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Informal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*

Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.

→ Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Formal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

No suitable habitat for any federally listed species is present within the proposed project locations and no tree clearing or vegetation removal is proposed as a part of construction activities; therefore, project activities will have *no effect* to any federal listed species or critical habitat. The closest final designated critical habitat is located 22,691 feet (4 miles) northeast of the project sites. See the attached Threatened and Endangered Species Technical Memorandum.

TECHNICAL MEMORANDUM

For: Puerto Rico Department of Housing
CDBG-DR & CDBG-MIT Program
ReGrow Environmental Assessment

From: Susan Fischer, Wildlife Ecologist

Date: January 11, 2024

Re: **Threatened and Endangered Species Review for Carretera 111 KM 46.8 Bo. Angeles, Utuado**

Project Name: Blanca E. Cajigas Matias / PR-RGRW-01611
Site Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado
GPS Coordinates: 18.294227, -66.78936

This Threatened and Endangered Species Review evaluates the installation of three 1,000-gallon cisterns on two concrete platforms. This parcel is located at Carretera 111 KM 46.8 Bo. Angeles, Utuado, Puerto Rico. To complete this review, the United States Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) system, was consulted, then a site inspection performed to evaluate on-site nest and habitat potential. For the purposes of this review, the evaluation encompasses a maximum 100-foot buffer around the proposed project locations.

The species list for the site was generated by the USFWS Caribbean Ecological Services Field Office in Boqueron, Puerto Rico (attached). Since all project activities will occur on land, marine and aquatic species have been excluded from the evaluation. For any activities located near wetlands and/or waterbodies, best management practices (BMPs) will be implemented to prevent impacts to freshwater species. According to the IPaC results, the property is located within the habitat range of four terrestrial species considered to be threatened or endangered under the Endangered Species Act:

- Puerto Rican Broad-winged Hawk (*Buteo platypterus brunnescens*)
- Puerto Rican Parrot (*Amazona vittata*)
- Puerto Rican Boa (*Chilabothrus inornatus*)
- Puerto Rican Harlequin Butterfly (*Atlantea tulita*)
- *Cordia bellonis*

A site inspection on July 26, 2023 found the parcel is situated in a rural area. The property is used for residential and agricultural production and the lot consists of a mix of agricultural and forested areas. The proposed project area consists of short, herbaceous vegetation. Representative photographs of the subject property are included in the Environmental Field Assessment Photographic Log. Although the review area does contain forested areas that could provide suitable habitat to one or more federally listed species, the site inspectors did not observe any suitable ground or vegetative habitat, individuals, or nests for any listed

species at the proposed project location and no tree or vegetation removal is planned to occur. There is no critical habitat for any species found within the subject property based on the USFWS database.

Based on agency data and site observations, this review concludes that the installation of the concrete platforms and cisterns on the parcel will result in *no effect* to all federally protected species with the potential to occur in the area.

I can be reached by phone (346-388-1157) or email (Susan.Fischer@swca.com) with any questions or concerns.

Sincerely,

A handwritten signature in cursive script, appearing to read "Susan Fischer".

Susan Fischer
Wildlife Ecologist
SWCA Environmental Consultants



United States Department of the Interior



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

In Reply Refer To:
Project Code: 2024-0041781
Project Name: PR-RGRW-01611

January 29, 2024

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

To Whom It May Concern:

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

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

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

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

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

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

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

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

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

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

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

This species list is provided by:

Caribbean Ecological Services Field Office

caribbean_es@fws.gov

Post Office Box 491

Boqueron, PR 00622-0491

(786) 244-0081

Attachment(s):

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

OFFICIAL SPECIES LIST

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

This species list is provided by:

Caribbean Ecological Services Field Office

Post Office Box 491

Boqueron, PR 00622-0491

(787) 834-1600

PROJECT SUMMARY

Project Code: 2024-0041781

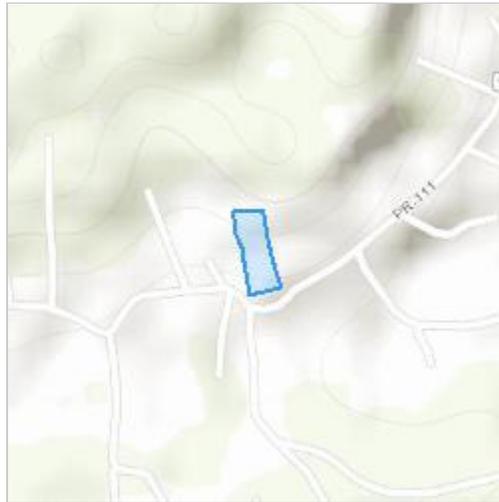
Project Name: PR-RGRW-01611

Project Type: Disaster-related Grants

Project Description: Installation of three cisterns and two concrete pads.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.29467975,-66.78954497205928,14z>



Counties: Utuado County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 threatened, endangered, or candidate species on this species list.

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

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

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

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

BIRDS

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

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/ZONB4P636VGIZHS6DKU2MDX3UE/documents/generated/7159.pdf	Endangered

INSECTS

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

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

BALD & GOLDEN EAGLES

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

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

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

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

MIGRATORY BIRDS

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

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

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

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

WETLANDS

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

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

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

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: SWCA

Name: Kaitie Wilms

Address: 911 Hammond Drive

City: North Augusta

State: SC

Zip: 29841

Email: kaitie.wilms@swca.com

Phone: 8436930711

General Project Design Guidelines (1 Species)

Generated January 29, 2024 03:20 PM UTC, IPaC v6.103.0-rc1



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Species Document Availability	1
Puerto Rican Boa - Caribbean Ecological Services Field Office	2

Species Document Availability

Species with general design guidelines

Puerto Rican Boa *Chilabothrus inornatus*

Species without general design guidelines available

Puerto Rican Broad-winged Hawk *Buteo platypterus brunnescens*

Puerto Rican Harlequin Butterfly *Atlantea tulita*

Puerto Rican Parrot *Amazona vittata*

General Project Design Guidelines - Puerto Rican Parrot and 3 more species

Published by Caribbean Ecological Services Field Office for the following species included in your project

Puerto Rican Parrot *Amazona vittata*

Puerto Rican Harlequin Butterfly *Atlantea tulita*

Puerto Rican Boa *Chilabothrus inornatus*

Puerto Rican Broad-winged Hawk *Buteo platypterus brunnescens*

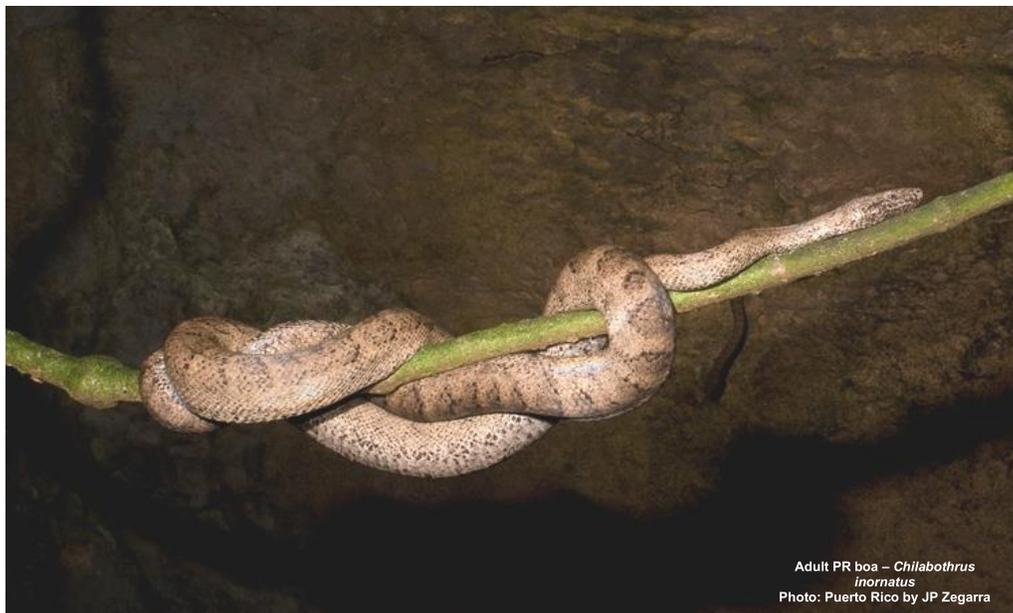


U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect federally listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



The PR boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types, ranging from wet montane to subtropical dry forest and can be found from mature forest to areas with different degrees of human disturbance such as roadsides or houses, especially if near their habitat in rural areas. The PR boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

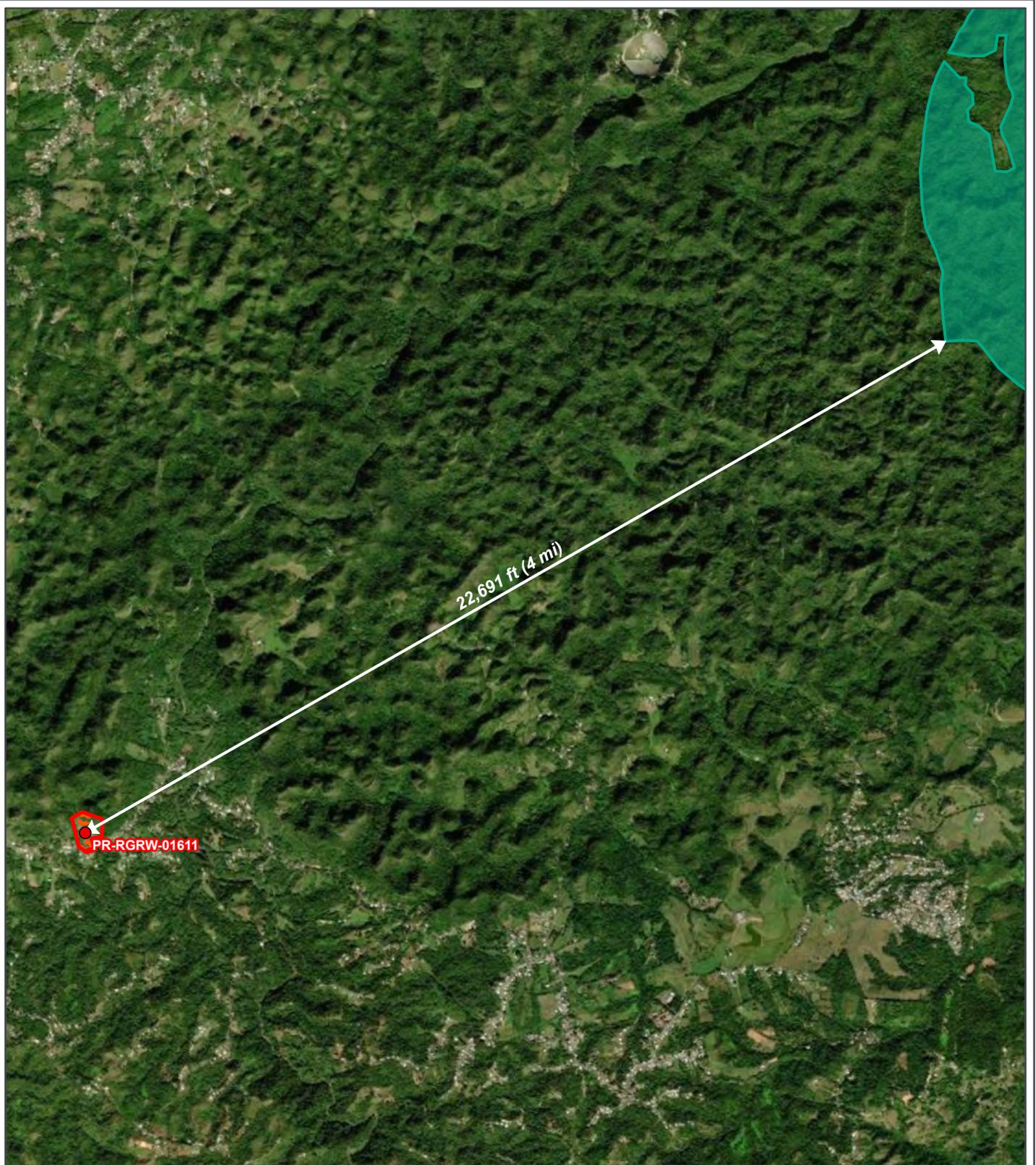
Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.
2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.
3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.
4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: (787) 724-5700, (787) 230-5550, (787) 771-1124). **If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own.** Activities at other work sites, where no boas have been found after surveying the area, may continue.
5. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

6. If a PR boa is captured by PRDNER personnel, record the name of that person and information on where the PR boa will be taken. This information should be reported to the Service.
7. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal, and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #4). If not possible, the animal should be left alone until it leaves the vehicle on its own.
8. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.
9. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #5). If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.
10. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- José Cruz-Burgos, Endangered Species Program Coordinator
 - Email: jose_cruz-burgos@fws.gov
 - Office phone (305) 304-1386
- Jan Zegarra, Fish and Wildlife Biologist
 - Email: jan_zegarra@fws.gov
 - Office phone (786) 933-1451



REGROW PROGRAM

**Figure B 7-1:
Critical Habitat Map**

Applicant ID: PR-RGRW-01611

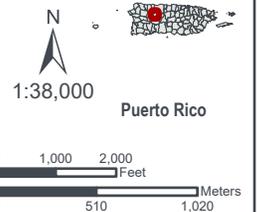


- Site
- Site Parcel
- Buffer (100-ft)
- Critical Habitat - Final
- National Wildlife Refuges

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.761258°W 18.310668°N

Data Source: https://services.arcgis.com/QVENGdaPbd4LUkLV/arcgis/rest/services/USFWS_Critical_Habitat/
Base Map: ESRI ArcGIS Online, accessed July 2023
Updated: 7/28/2023
Layout: Critical Habitat
Aprx: 72428_ReGrowTier2Maps



Attachment 8
Explosive and Flammable Hazards Partner
Worksheet



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Explosive and Flammable Hazards (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities>

- 1. Does the proposed HUD-assisted project include a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?**

No

→ Continue to Question 2.

Yes

Explain:

Click here to enter text.

→ Continue to Question 5.

- 2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?**

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Yes → Continue to Question 3.

- 3. Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers:**

- Of more than 100-gallon capacity, containing common liquid industrial fuels OR
- Of any capacity, containing hazardous liquids or gases that are not common liquid industrial fuels?

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.

Yes → Continue to Question 4.

- 4. Is the Separation Distance from the project acceptable based on standards in the Regulation?**

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the “assessed tank.”

No

→ Continue to Question 6.

Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the “assessed tank.”

5. Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

No

→ Continue to Question 6.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to make the Separation Distance acceptable, including the timeline for implementation. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

[Click here to enter text.](#)

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project includes the new construction of concrete platforms for cisterns. The project itself is not the development of a hazardous facility nor will the project increase residential densities. No further evaluation is required. The project is in compliance with explosive and flammable hazard requirements.

Attachment 9

Farmlands Protection Partner Worksheet and Prime Farmland Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Farmlands Protection (CEST and EA) - PARTNER

<https://www.hudexchange.info/environmental-review/farmlands-protection>

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

Yes → *Continue to Question 2.*

No

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Does “important farmland,” including prime farmland, unique farmland, or farmland of statewide or local importance regulated under the Farmland Protection Policy Act, occur on the project site?

You may use the links below to determine important farmland occurs on the project site:

- Utilize USDA Natural Resources Conservation Service’s (NRCS) Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>
- Check with your city or county’s planning department and ask them to document if the project is on land regulated by the FPPA (zoning important farmland as non-agricultural does not exempt it from FPPA requirements)
- Contact NRCS at the local USDA service center <http://offices.sc.egov.usda.gov/locator/app?agency=nrcs> or your NRCS state soil scientist http://soils.usda.gov/contact/state_offices/ for assistance

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes → *Continue to Question 3.*

3. Consider alternatives to completing the project on important farmland and means of avoiding impacts to important farmland.

- Complete form [AD-1006, “Farmland Conversion Impact Rating”](#) and contact the state soil scientist before sending it to the local NRCS District Conservationist.
- Work with NRCS to minimize the impact of the project on the protected farmland. When you have finished with your analysis, return a copy of form AD-1006 to the USDA-NRCS State Soil Scientist or his/her designee informing them of your determination.

Work with the RE/HUD to determine how the project will proceed. Document the conclusion:

Project will proceed with mitigation.

Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

[Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

Project will proceed without mitigation.

Explain why mitigation will not be made here:

[Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

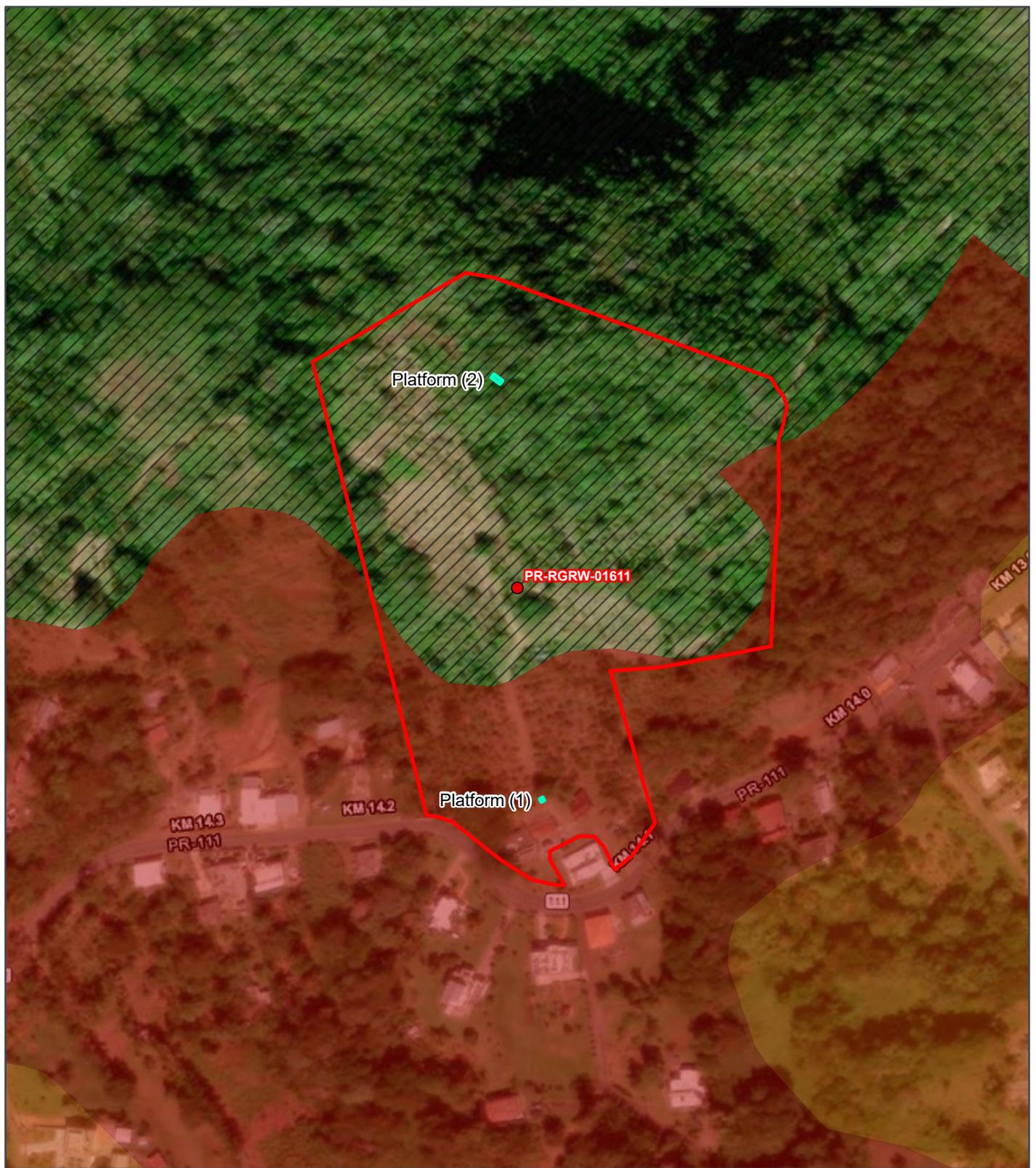
Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

This project does not include any activities that could potentially convert agricultural land to non-agricultural 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. The project is in compliance with the Farmland Protection Policy Act.



REGROW PROGRAM

**Figure B 9-1:
Prime Farmland Map**

Applicant ID: PR-RGRW-01611

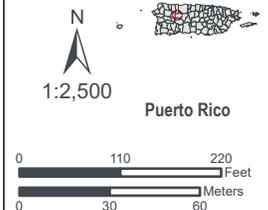


- Site
- Site Parcel
- Project Footprint (Option)
- All areas are prime farmland
- Farmland of statewide importance
- Farmland of statewide importance, if irrigated
- Prime farmland if drained
- Prime farmland if irrigated
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Not prime farmland
- Not Public Information

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: <https://websoilsurvey.nrcs.usda.gov/app/>
Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: Prime Farmland
Aprx: 72428_ReGrowTier2Maps



Attachment 10

Floodplain Management Partner Worksheet and Advisory Base Flood Elevation Map



This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Floodplain Management (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/floodplain-management>

1. Does [24 CFR 55.12\(c\)](#) exempt this project from compliance with HUD’s floodplain management regulations in Part 55?

Yes

Provide the applicable citation at 24 CFR 55.12(c) here. If project is exempt under 55.12(c)(6) or (8), provide supporting documentation.

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Continue to the Worksheet Summary.

No → Continue to Question 2.

2. Provide a FEMA/FIRM map showing the site.

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs).

Does your project occur in a floodplain?

No → Continue to the Worksheet Summary below.

Yes

Select the applicable floodplain using the FEMA map or the best available information:

Floodway → Continue to Question 3, Floodways

Coastal High Hazard Area (V Zone) → Continue to Question 4, Coastal High Hazard Areas

500-year floodplain (B Zone or shaded X Zone) → Continue to Question 5, 500-year Floodplains

100-year floodplain (A Zone) → The 8-Step Process is required. Continue to Question 6, 8-Step Process

3. **Floodways**

Is this a functionally dependent use?

Yes

The 8-Step Process is required. Work with HUD or the RE to assist with the 8-Step Process.
→ *Continue to Worksheet Summary.*

- No → *Federal assistance may not be used at this location unless an exception in 55.12(c) applies. You must either choose an alternate site or cancel the project.*

4. Coastal High Hazard Area

Is this a critical action such as a hospital, nursing home, fire station, or police station?

- Yes → *Critical actions are prohibited in coastal high hazard areas unless an exception in 55.12(c) applies. You must either choose an alternate site or cancel the project.*

- No

Does this action include new construction that is not a functionally dependent use, existing construction (including improvements), or reconstruction following destruction caused by a disaster?

- Yes, there is new construction of something that is not a functionally dependent use.
New construction must be designed to FEMA standards for V Zones at 44 CFR 60.3(e) (24 CFR 55.1(c)(3)(i)).

→ *Continue to Question 6, 8-Step Process*

- No, this action concerns only existing construction.

Existing construction must have met FEMA elevation and construction standards for a coastal high hazard area or other standards applicable at the time of construction.

→ *Continue to Question 6, 8-Step Process*

5. 500-year Floodplain

Is this a critical action?

- No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Continue to the Worksheet Summary below.*

- Yes → *Continue to Question 6, 8-Step Process*

6. 8-Step Process.

Is this 8-Step Process required? Select one of the following options:

- 8-Step Process applies.

This project will require mitigation and may require elevating structure or structures. See the link to the HUD Exchange above for information on HUD's elevation requirements.

→ *Work with the RE/HUD to assist with the 8-Step Process. Continue to Worksheet Summary.*

- 5-Step Process is applicable per 55.12(a)(1-3).

Provide the applicable citation at 24 CFR 55.12(a) here.

[Click here to enter text.](#)

→ *Work with the RE/HUD to assist with the 5-Step Process. Continue to Worksheet Summary.*

- 8-Step Process is inapplicable per 55.12(b)(1-4).

Provide the applicable citation at 24 CFR 55.12(b) here.

Click here to enter text.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

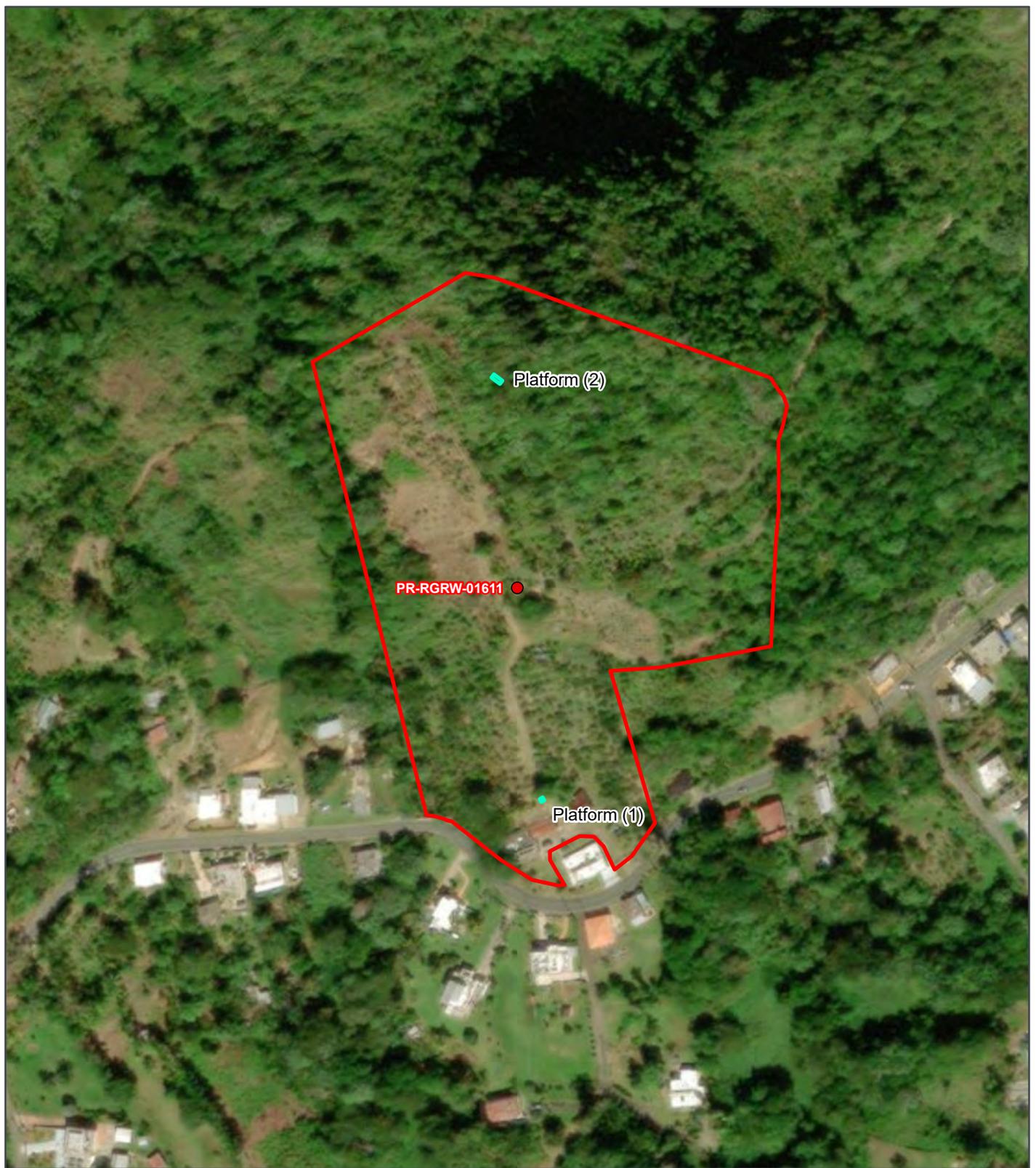
Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The FEMA FIRM, Community Panel 72000C0595H (effective date 4/19/2005), shows the project sites are in Flood Zone X. An Advisory Base Flood Elevation (ABFE) map was developed by FEMA for this FIRM, which shows the project sites are in Flood Zone X. The project is not located in the 100-year floodplain or ABFE special flood hazard area; therefore, no further action is required. The project is in compliance with Executive Order 11988.



REGROW PROGRAM

**Figure B 10-1:
Advisory Base Flood
Elevation For 100-Year
Floodplain Map**

Applicant ID: PR-RGRW-01611



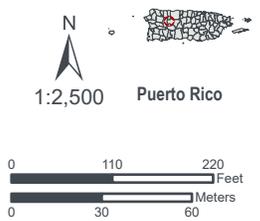
- Site
- Site Parcel
- Project Footprint (Option)
- Advisory Base Flood Elevation (ABFE)
- 0.2% Annual Chance Flood
- 1% Annual Chance Flood
- Zone A
- Zone A-Floodway
- Zone AE
- Coastal A Zone
- Coastal A Zone and Floodway
- Zone AE-Floodway
- Zone AO
- Zone VE
- Zone X (500-year floodplain)
- Zone/BFE Boundary

Carr 111 km 46.8 Bo. Angeles
Utua, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: https://gis.fema.gov/arcgis/rest/services/DR/PuertoRico_ABFE_1PCT/MapServer

Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: ABFE 1Pct
Aprx: 72428_ReGrowTier2Maps



Attachment 11

Historic Preservation Partner Worksheet and SHPO Consultation



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Historic Preservation (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/historic-preservation>

Threshold

Is Section 106 review required for your project?

- No, because a Programmatic Agreement states that all activities included in this project are exempt. (See the [PA Database](#) to find applicable PAs.)

Either provide the PA itself or a link to it here. Mark the applicable exemptions or include the text here:

Click here to enter text.

→ *Continue to the Worksheet Summary.*

- No, because the project consists solely of activities included in a No Potential to Cause Effects memo or other determination [36 CFR 800.3(a)(1)].

Either provide the memo itself or a link to it here. Explain and justify the other determination here:

Click here to enter text.

→ *Continue to the Worksheet Summary.*

- Yes, because the project includes activities with potential to cause effects (direct or indirect). → *Continue to Step 1.*

The Section 106 Process

After determining the need to do a Section 106 review, HUD or the RE will initiate consultation with regulatory and other interested parties, identify and evaluate historic properties, assess effects of the project on properties listed on or eligible for the National Register of Historic Places, and resolve any adverse effects through project design modifications or mitigation.

Step 1: Initiate consultation

Step 2: Identify and evaluate historic properties

Step 3: Assess effects of the project on historic properties

Step 4: Resolve any adverse effects

Only RE or HUD staff may initiate the Section 106 consultation process. Partner entities may gather information, including from SHPO records, identify and evaluate historic properties, and make initial assessments of effects of the project on properties listed in or eligible for the National Register of Historic Place. Partners should then provide their RE or HUD with all of their analysis and documentation so that they may initiate consultation.

Step 1 - Initiate Consultation

The following parties are entitled to participate in Section 106 reviews: Advisory Council on Historic Preservation; State Historic Preservation Officers (SHPOs); federally recognized Indian tribes/Tribal Historic Preservation Officers (THPOs); Native Hawaiian Organizations (NHOs); local governments; and project grantees. The general public and individuals and organizations with a demonstrated interest in a project may participate as consulting parties at the discretion of the RE or HUD official. Participation varies with the nature and scope of a project. Refer to HUD's website for guidance on consultation, including the required timeframes for response. Consultation should begin early to enable full consideration of preservation options.

Use the [When To Consult With Tribes checklist](#) within [Notice CPD-12-006: Process for Tribal Consultation](#) to determine if the RE or HUD should invite tribes to consult on a particular project. Use the [Tribal Directory Assessment Tool \(TDAT\)](#) to identify tribes that may have an interest in the area where the project is located. Note that only HUD or the RE may initiate consultation with Tribes. Partner entities may prepare a draft letter for the RE or HUD to use to initiate consultation with tribes, but may not send the letter themselves.

List all organizations and individuals that you believe may have an interest in the project here:
SHPO, PRDOH, Applicant

→ Continue to Step 2.

Step 2 - Identify and Evaluate Historic Properties

Provide a preliminary definition of the Area of Potential Effect (APE), either by entering the address(es) or providing a map depicting the APE. Attach an additional page if necessary.

The proposed project, which includes the installation of three cisterns and a water pump and purchase of equipment, is located on a 9.74-acre parcel (Cadastral Number 160-000-002-16-001) at Carretera 111 KM 46.8 Barrio Angeles, Utuado, Puerto Rico 00611 (see Appendix A, Figure 1- Site Location and Figure 2- Site Vicinity). This property is in a rural area in the western portion of Utuado Municipio. Access to the project areas is provided via a paved road at the southern portion of the parcel.

The applicant has identified two locations for project activities related for the Intended Use of Grant Funds that are being evaluated under this Environmental Assessment (EA), also shown on Figures 1 and 2:

- Cistern Platform 1 Site (18.294239, -66.789518) is in the southern part of the parcel, approximately 142 feet northwest from the applicant's residence.
- Cistern Platform 2 Site (18.295977, -66.789717) is in the northern part of the parcel, approximately 736 feet northwest of the applicant's residence.

Gather information about known historic properties in the APE. Historic buildings, districts and archeological sites may have been identified in local, state, and national surveys and registers, local historic districts, municipal plans, town and county histories, and local history websites. If not already listed on the National Register of Historic Places, identified properties are then evaluated to see if they are eligible for the National Register. Refer to HUD's website for guidance on identifying and evaluating historic properties.

In the space below, list historic properties identified and evaluated in the APE.

Every historic property that may be affected by the project should be listed. For each historic property or district, include the National Register status, whether the SHPO has concurred with the finding, and whether information on the site is sensitive. Attach an additional page if necessary.

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 archaeologist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) who searched the records at the SHPO and the Instituto de Cultura Puertorriqueña which shows that there is one reported archaeological resource (unidentified MIPR archaeological resource) within a half-mile (mi) radius of the project location. No archaeological evaluations or studies of cultural resources have been conducted within the 0.5 mi review radius. Data derived from the Interactive Map of Puerto Rico (MIPR, according to its initials in Spanish) indicate an archaeological resource northeast of the project area. Its extensive mapped boundaries are indicated by a polygon feature that covers 2,819 acres and MIPR attribute data describe it only as an 'archaeological resource.' Its limits intersect a very small part of the 0.5-mile review area's northeastern portion. The nearest portion of the resource's mapped boundary is located 0.47 mi from the project APE. One resource, the Centro Ceremonial Caguana (ICP-CAT-UT-10), is situated 0.53 mile east of the project area, just outside the 0.5 mi review area and outside the MIPR archaeological resource boundaries discussed above. The site is a pre-Columbian ceremonial center comprised of ten bateys (ballcourts) of earthen and stone construction, an areyto (ceremonial dance area) and associated petroglyphs, and a caney (chieftain's house). It was the focus of two archaeological excavation projects in 1915 and 1949. It is listed on the NRHP under Criterion D and has been designated a National Historic Landmark. The proposed project is located in the northwest portion of the island in mountainous terrain at an elevation of 350 feet (ft; 107 meters [m]) above mean sea level. Per the USGS/NRCS Web Soil Survey, the project area crosses three mapped soil series: SrF (Soller-Rock outcrop complex, 5 to 60 percent slopes), SpF (Soller cobbly clay, 20 to 60 percent slopes), and MoD2 (Moca clay, 12 to 20 percent slopes). The project area APE is in a rural area of Municipio Utuado. The general project area is located on a southward-facing piedmont slope of moderate relief relative to the high relief and steep slopes of highly dissected topography to its immediate north. The closest freshwater source is the Río Tanamá, located 0.34 mile (mi; 0.55 kilometers [km]) east of the project area. The north coast is approximately 13.5 mi (21.7 km) from the project area.

Architecture - Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) shows that the project area is not within the boundaries of a National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center / Historic District. Research at SHPO did not identify any surveys within the 0.50 review area. Research at ICP revealed a historic site 0.53 miles to the east. The Centro Ceremonial Indígena de Caguana is a ceremonial center and ball court (ICP-CAT-UT-10) that dates to 1200-1500 A.D. and was settled by the Taino peoples until contact with the Spanish. The project area is in a rural area of Utuado, approximately 0.92 miles to the northeast of Angeles, PR. The area is mountainous with dense tropical vegetation. The project sites sits near the top of a ridge, with housing to the east, south, and west. Historic aerials from 1972 and 1967 (<https://www.historicaerials.com/viewer>) show two housing units to the south and east, and two buildings on the project site at that time. The project site now holds three (3) buildings, and the owner's house just outside the project area. According to the applicant his house was built around 1970, but [historicaerials.com](https://www.historicaerials.com) shows nothing built in 1972. The date of ca. 1975 seems appropriate due to materials and style. The project area holds two structures that are approximately 90 years old (per applicant) and they do show up on the earliest historic aerial in 1967. The date of ca. 1930

is appropriate for both due to materials and style. There is a group of four buildings to the east that also appear in the 1972 aerials as well as current imagery. There are also two buildings on the south side of the road that appear in the 1972 aerials, and are still there today, albeit they have been remodeled. As the project site sits on an elevated ridge, and is surrounded by vegetation, the project area will not be visible to modern housing in the area.

Provide the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination.

Was a survey of historic buildings and/or archeological sites done as part of the project?

If the APE contains previously unsurveyed buildings or structures over 50 years old, or there is a likely presence of previously unsurveyed archeological sites, a survey may be necessary. For Archeological surveys, refer to HP Fact Sheet #6, [Guidance on Archeological Investigations in HUD Projects](#).

Yes → *Provide survey(s) and report(s) and continue to Step 3.*

Additional notes:

[Click here to enter text.](#)

No → *Continue to Step 3.*

Step 3 - Assess Effects of the Project on Historic Properties

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. ([36 CFR 800.5](#)) Consider direct and indirect effects as applicable as per HUD guidance.

Choose one of the findings below to recommend to the RE or HUD.

Please note: this is a recommendation only. It is **not the official finding, which will be made by the RE or HUD, but only your suggestion as a Partner entity.**

No Historic Properties Affected

Document reason for finding:

No historic properties present.

Historic properties present, but project will have no effect upon them.

No Adverse Effect

Document reason for finding and provide any comments below.

Comments may include recommendations for mitigation, monitoring, a plan for unanticipated discoveries, etc.

[Click here to enter text.](#)

Adverse Effect

Document reason for finding:

Copy and paste applicable Criteria into text box with summary and justification.

Criteria of Adverse Effect: [36 CFR 800.5](#)]

[Click here to enter text.](#)

Provide any comments below:

Comments may include recommendations for avoidance, minimization, and/or mitigation.
Click here to enter text.

Remember to provide all documentation that justifies your National Register Status determination and recommendations along with this worksheet.



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

November 10, 2023

Lauren Bair Poche

HORNE

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

SHPO 10-27-23-03 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL:
PR-RGRW-01611 – BLANCA E. CAJIGAS MATÍAS – CARRETERA 111 KM 46.8
BARRIO ÁNGELES, 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



October 27, 2023

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-01611 – Blanca E. Cajigas Matias – Carretera 111 KM 46.8 Barrio Angeles, 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 Blanca E. Cajigas Matias located at Carretera 111 KM 46.8 Barrio Angeles, in the municipality of Utuado. The undertaking for this project includes the purchase of various equipment (tractor and disc harrow), installation of the cisterns, the construction of two concrete pads to support the cisterns, the replacement of a water pump, and installation of new above ground water pipes.

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

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

Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, Historic Preservation Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Blanca E. Cajigas Matias		
Case ID: PR-RGRW-01611	City: Utuado	

Project Location: Carretera 111 KM 46.8 Barrio Angeles, Utuado, Puerto Rico 00611	
Project Coordinates: (as provided by applicant during field visit) Platform 1: 18.294239, -66.789518 Platform 2: 18.295977, -66.789717	
TPID (Número de Catastro): 160-000-002-16-001	
Type of Undertaking: <input type="checkbox"/> Substantial Repair/Improvements <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): Old House: ca. ca. 1930 Triangular shed: ca. 1930 Owners House: ca. 1975 Garage/Storage: ca. 2006	Property Size (acres): 9.74 acres total Platform 1: 0.000574 acres (25 sq. ft.) Platform 2: 0.002204 acres (96 sq. ft.)

SOI-Qualified Architect/Architectural Historian: Erin Edwards, M.P.S.
Date Reviewed: September 9, 2023
SOI-Qualified Archaeologist: Delise Torres-Ortiz, M.A.
Date Reviewed: September 20, 2023

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

Project Description (Undertaking)

The proposed project involves the purchase of a tractor and disc harrow and the purchase and installation of three 1,000-gallon cisterns and a water pump. The equipment that will be purchased by the applicant as listed in the Intended Use of Grant Funds falls under the "categorically excluded, not subject to (CENST)" category under HUD guidelines (24 CFR 58.35(b)(4)). This EA also encompasses the CENST review requirements for the equipment. The proposed activities are located within an active agricultural farm. Based on a review of historical aerial imagery at <https://www.historicaerials.com/viewer>, the general area has been used for agriculture since at least 1967, the earliest date for which aerial data is present.

Two 7-inch-thick concrete platforms will be installed as foundations for the three cisterns. One cistern will be installed on a 5 x 5 feet platform (Platform 1) in the southern part of the property. Platform 1 will be constructed next to an existing functional cistern on a platform. The other two cisterns will be installed on a 6 x 16 feet platform (Platform 2) in the northern

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: Blanca E. Cajigas Matias	
Case ID: PR-RGRW-01611	City: Utuado

part of the property. The cisterns will be secured to the platform using straps that will go through a hole on the top of each cistern and loop around the top and back to the base where the straps will attach to a fixing clamp on each corner of the platform. The Platform 1 site is in a vacant area on a gentle slope. The Platform 2 site is in a vacant vegetated area on a gentle slope. The platforms will serve to level both sites.

Water and electricity connections are required. All the cisterns will be connected to the existing irrigation system using aboveground pipes. Water for the irrigation system will come from rainwater collected in the cisterns and municipal water from the Puerto Rico Aqueduct and Sewer Authority (PRASA). The existing water pump, which will be replaced, and the connection to the aqueduct are in the garage located approximately 90 feet northwest of the applicant’s residence in the southern part of the parcel. The electrical infrastructure for the water pump is already in place, as the water pump is a replacement. The Platform 1 site is adjacent to an existing cistern, and the new cistern will share a water connection with the existing cistern. Platform 2 will be located 130 feet northeast of an existing aboveground water pipe. The applicant will install additional aboveground pipes to connect the two cisterns to this pipe. The irrigation system and electrical connections are not part of the Intended Use of Grant Funds.

The project will involve minimal ground disturbance, but no vegetation or tree clearing is required for construction. The applicant owns the property; therefore, no acquisition is required.

Area of Potential Effects

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

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted archaeologist meeting the Secretary

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: Blanca E. Cajigas Matias	
Case ID: PR-RGRW-01611	City: Utuado

of the Interior’s Professional Qualification Standards (36 CFR Part 61) who searched the records at the SHPO and the Instituto de Cultura Puertorriqueña which shows that there is one reported archaeological resource (unidentified MIPR archaeological resource) within a half-mile (mi) radius of the project location. No archaeological evaluations or studies of cultural resources have been conducted within the 0.5 mi review radius.

Data derived from the Interactive Map of Puerto Rico (MIPR, according to its initials in Spanish) indicate an archaeological resource northeast of the project area. Its extensive mapped boundaries are indicated by a polygon feature that covers 2,819 acres and MIPR attribute data describe it only as an ‘archaeological resource.’ Its limits intersect a very small part of the 0.5-mile review area’s northeastern portion. The nearest portion of the resource’s mapped boundary is located 0.47 mi from the project APE.

One resource, the Centro Ceremonial Caguana (ICP-CAT-UT-10), is situated 0.53 mile east of the project area, just outside the 0.5 mi review area and outside the MIPR archaeological resource boundaries discussed above. The site is a pre-Columbian ceremonial center comprised of ten *bateys* (ballcourts) of earthen and stone construction, an *areyto* (ceremonial dance area) and associated petroglyphs, and a *caney* (chieftain’s house). It was the focus of two archaeological excavation projects in 1915 and 1949. It is listed on the NRHP under Criterion D and has been designated a National Historic Landmark.

The proposed project is located in the northwest portion of the island in mountainous terrain at an elevation of 350 feet (ft; 107 meters [m]) above mean sea level. Per the USGS/NRCS Web Soil Survey, the project area crosses three mapped soil series: SrF (Soller-Rock outcrop complex, 5 to 60 percent slopes), SpF (Soller cobbly clay, 20 to 60 percent slopes), and MoD2 (Moca clay, 12 to 20 percent slopes). The project area APE is in a rural area of Municipio Utuado. The general project area is located on a southward-facing piedmont slope of moderate relief relative to the high relief and steep slopes of highly dissected topography to its immediate north. The closest freshwater source is the Río Tanamá, located 0.34 mile (mi; 0.55 kilometers [km]) east of the project area. The north coast is approximately 13.5 mi (21.7 km) from the project area.

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior’s Professional Qualification Standards (36 CFR Part 61 shows that the project area is not within the boundaries of a National Register of Historic Places (NRHP)-

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: Blanca E. Cajigas Matias	
Case ID: PR-RGRW-01611	City: Utuado

eligible or listed Traditional Urban Center / Historic District. Research at SHPO did not identify any surveys within the 0.50 review area. Research at ICP revealed a historic site 0.53 miles to the east. The Centro Ceremonial Indígena de Caguana is a ceremonial center and ball court (ICP-CAT-UT-10) that dates to 1200-1500 A.D. and was settled by the Taino peoples until contact with the Spanish.

The project area is in a rural area of Utuado, approximately 0.92 miles to the northeast of Angeles, PR. The area is mountainous with dense tropical vegetation. The project sites sits near the top of a ridge, with housing to the east, south, and west. Historic aerials from 1972 and 1967 (<https://www.historicaerials.com/viewer>) show two housing units to the south and east, and two buildings on the project site at that time. The project site now holds three (3) buildings, and the owner’s house just outside the project area. According to the applicant his house was built around 1970, but historicaerials.com shows nothing built in 1972. The date of ca. 1975 seems appropriate due to materials and style. The project area holds two structures that are approximately 90 years old (per applicant) and they do show up on the earliest historic aerial in 1967. The date of ca. 1930 is appropriate for both due to materials and style. There is a group of four buildings to the east that also appear in the 1972 aerials as well as current imagery. There are also two buildings on the south side of the road that appear in the 1972 aerials, and are still there today, albeit they have been remodeled. As the project site sits on an elevated ridge, and is surrounded by vegetation, the project area will not be visible to modern housing in the area.

Determination

The following historic properties have been identified within the APE:

- Direct Effect:
 - None
- Indirect Effect:
 - None

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect historic properties that compose the Area of Potential Effect. The project area is not within or adjacent to the boundaries of a National Register of Historic Places (NRHP)-eligible or listed historic district or Traditional Urban Center. There is one reported archaeological resource within a half-mile radius of the proposed project location. No known archaeological sites or NRHP listed/eligible historic properties are within or adjacent to the property or the parcel in which the Area of Potential Effect of case PR-RGRW-01611 is located. The closest freshwater body is approximately 0.34 mi (0.55

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: Blanca E. Cajigas Matias	
Case ID: PR-RGRW-01611	City: Utuado

km) of the project area. The size of the proposed project activities are very small (Platform 1: 0.000574 acres (25 sq. ft.) and Platform 2: 0.002204 acres (96 sq. ft.) and construction of public roads/residential structures/agricultural infrastructure has previously impacted the surrounding terrain. Additionally, the project site is elevated above the surrounding properties in the area, and because of that and vegetation, it will not be visible. Therefore, no historic properties will be affected by the proposed project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Applicant: Blanca E. Cajigas Matias	
Case ID: PR-RGRW-01611	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:

Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

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



REGROW PROGRAM

Project Location Area of Potential Effects (APE) Map

Applicant ID: PR-RGRW-01611



- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)
- APE (Buffer (15-meters))

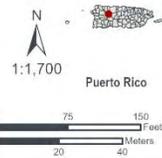
Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001

Parcel Center:
66.789627°W 18.295114°N

Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023

Layout: APE
Aprx: 72428_ReGrowTier2Maps



Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

Project (Parcel) Location - Aerial Map



REGROW PROGRAM

**Figure A-2:
Site Vicinity**

Applicant ID: PR-RGRW-01611

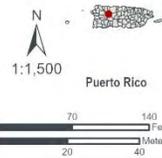


- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789487°W 18.29515°N

Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: Site Vicinity
Aprx: 72428_ReGrowTier2Maps



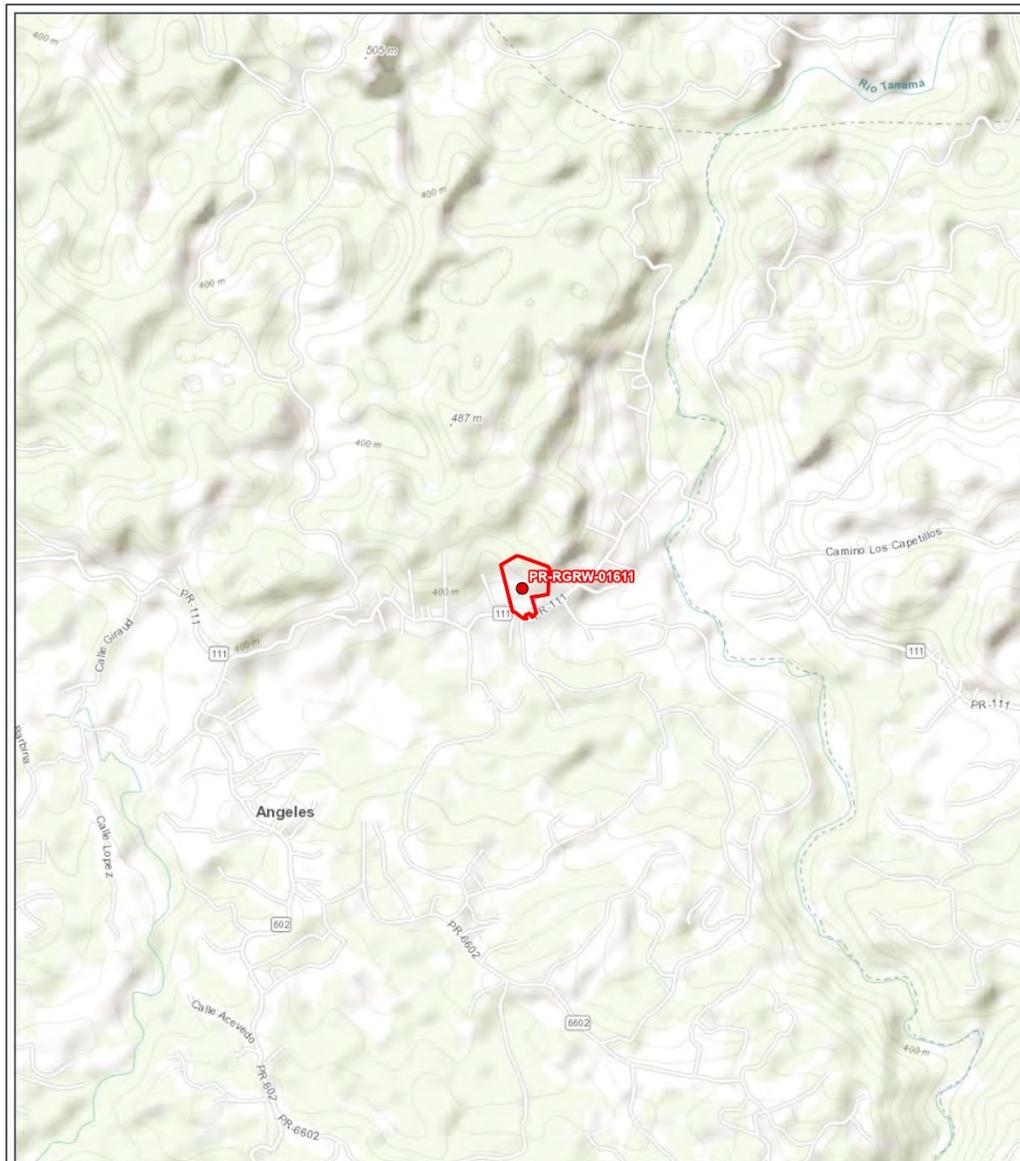


Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

Project (Parcel) Location - USGS Topographic Map



REGROW PROGRAM

**Figure A-1:
Site Location**

Applicant ID: PR-RGRW-01611

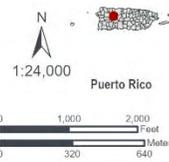


- Site
- ▭ Site Parcel

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/26/2023
Layout: Site Location
Aprx: 72428_ReGrowTier2Maps





Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

Project (Parcel) Location – Soils Map (Only if Archaeology Review is Required)



Mapunit Symbol	Mapunit Name
MoD2	Moca clay, 12 to 20 percent slopes, eroded
PhD2	Perchas clay, 12 to 20 percent slopes, eroded
SpF	Soller cobbly clay, 20 to 60 percent slopes
SrF	Soller-Rock outcrop complex, 5 to 60 percent slopes

REGROW PROGRAM

USDA Soils Map

Applicant ID: PR-RGRW-01611



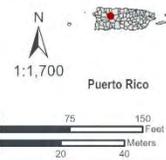
- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)
- ▭ Soil Mapunit

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001

Parcel Center:
66.789627°W 18.295114°N

Data Source: <https://websoilsurvey.nrcs.usda.gov/app/>
Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: Soils
Aprx: 72428_ReGrowTier2Maps



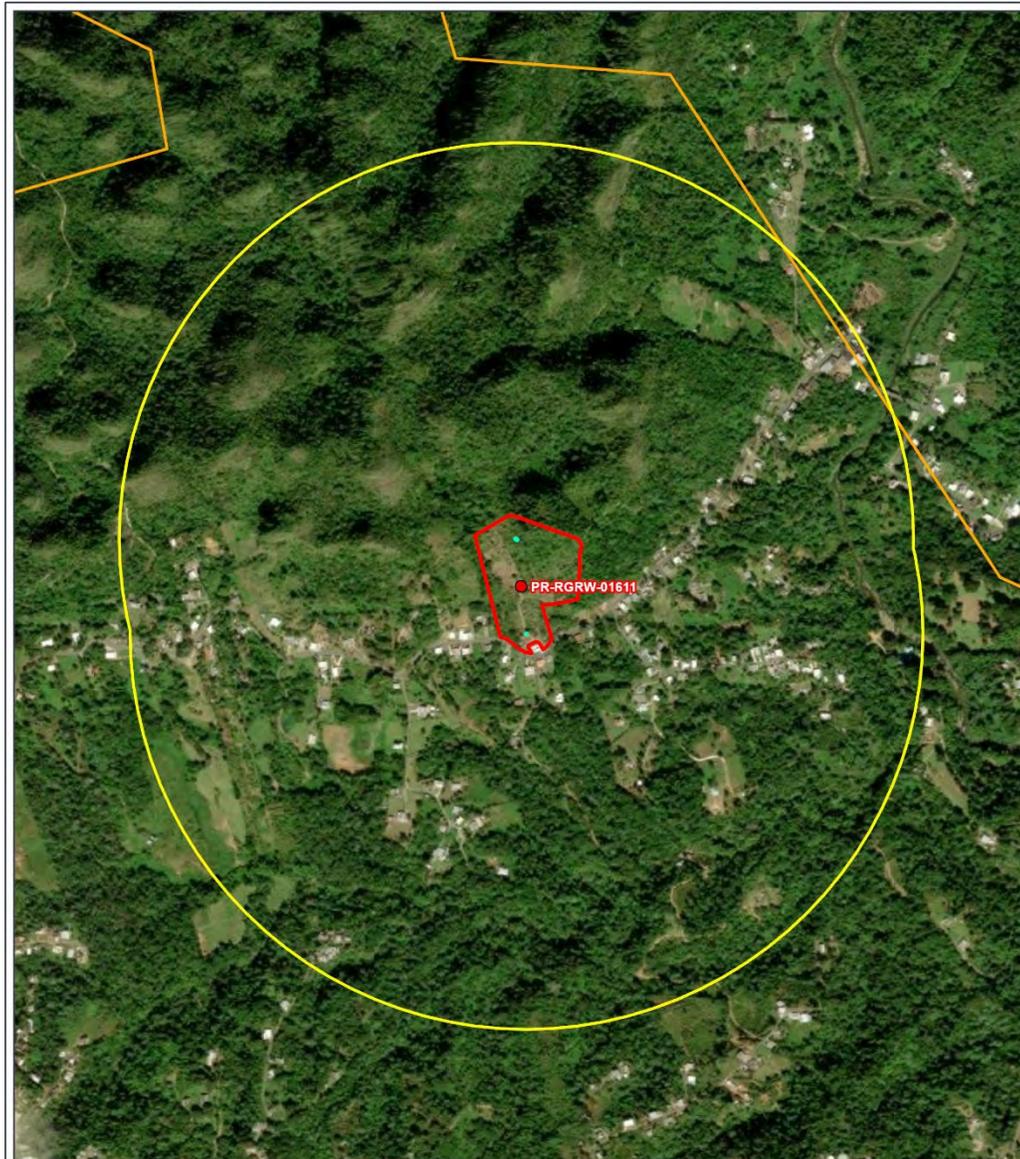


Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

Project (Parcel) Location with Previous Investigations - Aerial Map



REGROW PROGRAM

Previous Investigation Map

Applicant ID: PR-RGRW-01611



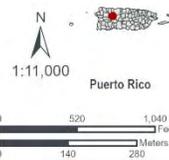
- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)
- Buffer (0.5-mile)
- ▭ Previously Recorded Survey
- ▭ MIPR Arqueologia
- ▭ Traditional Urban Centers

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: State Historic
Preservation Office and Puerto Rico
Institute of Culture

Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/26/2023
Layout: Previous Investigation
Aprx: T2428_ReGrowTier2Maps



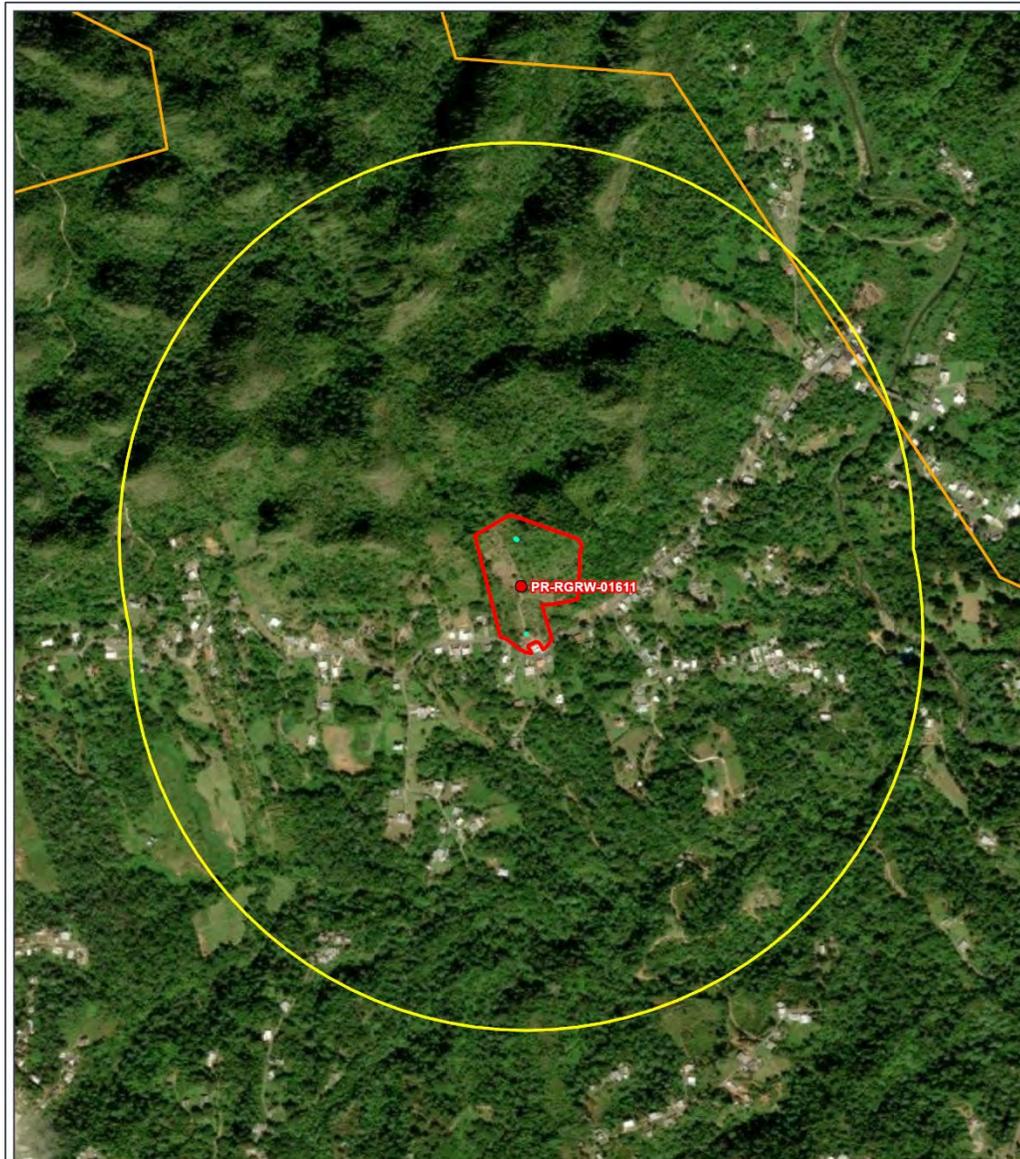


Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

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



REGROW PROGRAM

Previous Investigation Map

Applicant ID: PR-RGRW-01611



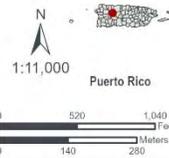
- Site
- ▭ Site Parcel
- ▭ Project Footprint (Option)
- Buffer (0.5-mile)
- ▭ Previously Recorded Survey
- ▭ MIPR Arqueologia
- ▭ Traditional Urban Centers

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: State Historic
Preservation Office and Puerto Rico
Institute of Culture

Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/26/2023
Layout: Previous Investigation
Aprx: 72428_RegrowTier2Maps



Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado

Photograph Key



Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado



Photo #: 01

Description (include direction): Overview of the southern portion of the site showing, the 1930's house (left), owner's house (center), one cistern (center, in front), garage/storage right. Beyond the owner's house is one of the two buildings that appear on the 1972 historic aerial. View: South.

Date:
08/28/2023



Photo #: 02

Description (include direction): Historic buildings (both ca. 1930). Both are wood frame and clad with wood, although the house has replacement materials. View: East.

Date:
08/28/2023

Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado



Photo #: 03

Description (include direction): Garage/storage building: ca. 2006. The new water pump for the cisterns will be inside this building. View: West.

Date:8/28/2023



Photo #: 04

Description (include direction): Owner's house: ca. 1975. View north towards project site.

Date:8/28/2023

Applicant: Blanca E. Cajigas Matias

Case ID: PR-RGRW-01611

City: Utuado



Photo #: 05

Description (include direction): Location for Platform 1, behind garage/storage building. View: Southwest.

Date: 8/28/2023



Photo #: 06

Description (include direction): Overview of location for Platform 2. View: Northwest.

Date: 8/28/2023



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

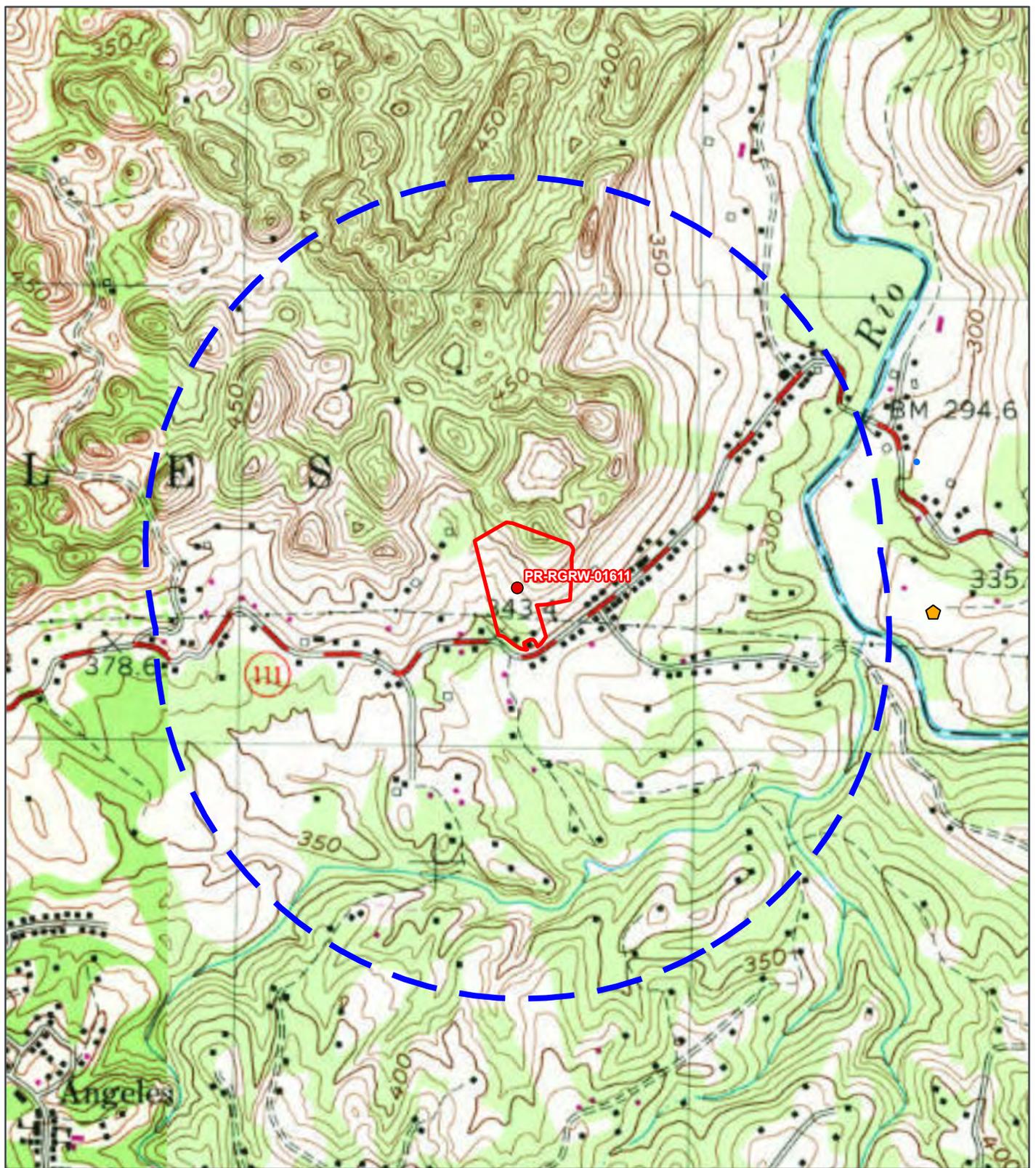
In line to expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT



REGROW PROGRAM

**Figure B 11-1:
Previously Recorded
Cultural Resources
Map**

Applicant ID: PR-RGRW-01611

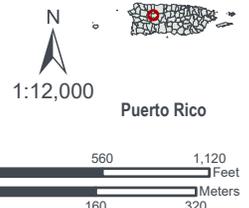


- | | | |
|--|--|-----------------------------|
| ● Site | ● National Historic Landmark | ■ Manati Historic Zone |
| ▭ Site Parcel | ■ National Register of Historic Places | ■ Miramar Historic Zone |
| — Buffer (0.5-mile) | ■ Historic Community | ■ Ponce Historic Zone |
| ▲ Archaeological Site | ■ Historic District | ■ San German Historic Zone |
| ■ Historical Place | ■ Arroyo Historic Zone | ■ San Juan Historic Zone |
| ★ Historic Area Point | ■ Caguas Historic Zone | ■ Vega Baja Historic Zone |
| ◆ JP Historical Sites | ■ Coamo Historic Zone | ■ Traditional Urban Centers |
| ● National Register of Historic Places | ■ Guayama Historic Zone | |

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611
Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: State Historic
Preservation Office and Puerto Rico
Institute of Culture

Base Map: ESRI ArcGIS Online,
accessed July 2023
Updated: 7/28/2023
Layout: Cultural Resources
Aprx: 72428_ReGrowTier2Maps



Attachment 12
Wetlands Protection Partner Worksheet
and Map



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Wetlands (CEST and EA) – Partner

<https://www.hudexchange.info/environmental-review/wetlands-protection>

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building’s footprint, or ground disturbance?

The term "new construction" includes draining, dredging, channelizing, filling, diking, impounding, and related activities and construction of any any structures or facilities.

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 2.*

2. Will the new construction or other ground disturbance impact a wetland as defined in E.O. 11990?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.*

Yes → *Work with HUD or the RE to assist with the 8-Step Process.* *Continue to Question 3.*

3. Does Section 55.12 state that the 8-Step Process is not required?

No, the 8-Step Process applies.

This project will require mitigation and may require elevating structure or structures. See the link to the HUD Exchange above for information on HUD’s elevation requirements.

→ *Work with the RE/HUD to assist with the 8-Step Process. Continue to Worksheet Summary.*

5-Step Process is applicable per 55.12(a).

Provide the applicable citation at 24 CFR 55.12(a) here.

[Click here to enter text.](#)

→ *Work with the RE/HUD to assist with the 5-Step Process. This project may require mitigation or alternations. Continue to Worksheet Summary.*

8-Step Process is inapplicable per 55.12(b).

Provide the applicable citation at 24 CFR 55.12(b) here.

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.

8-Step Process is inapplicable per 55.12(c).

Provide the applicable citation at 24 CFR 55.12(c) here.

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.

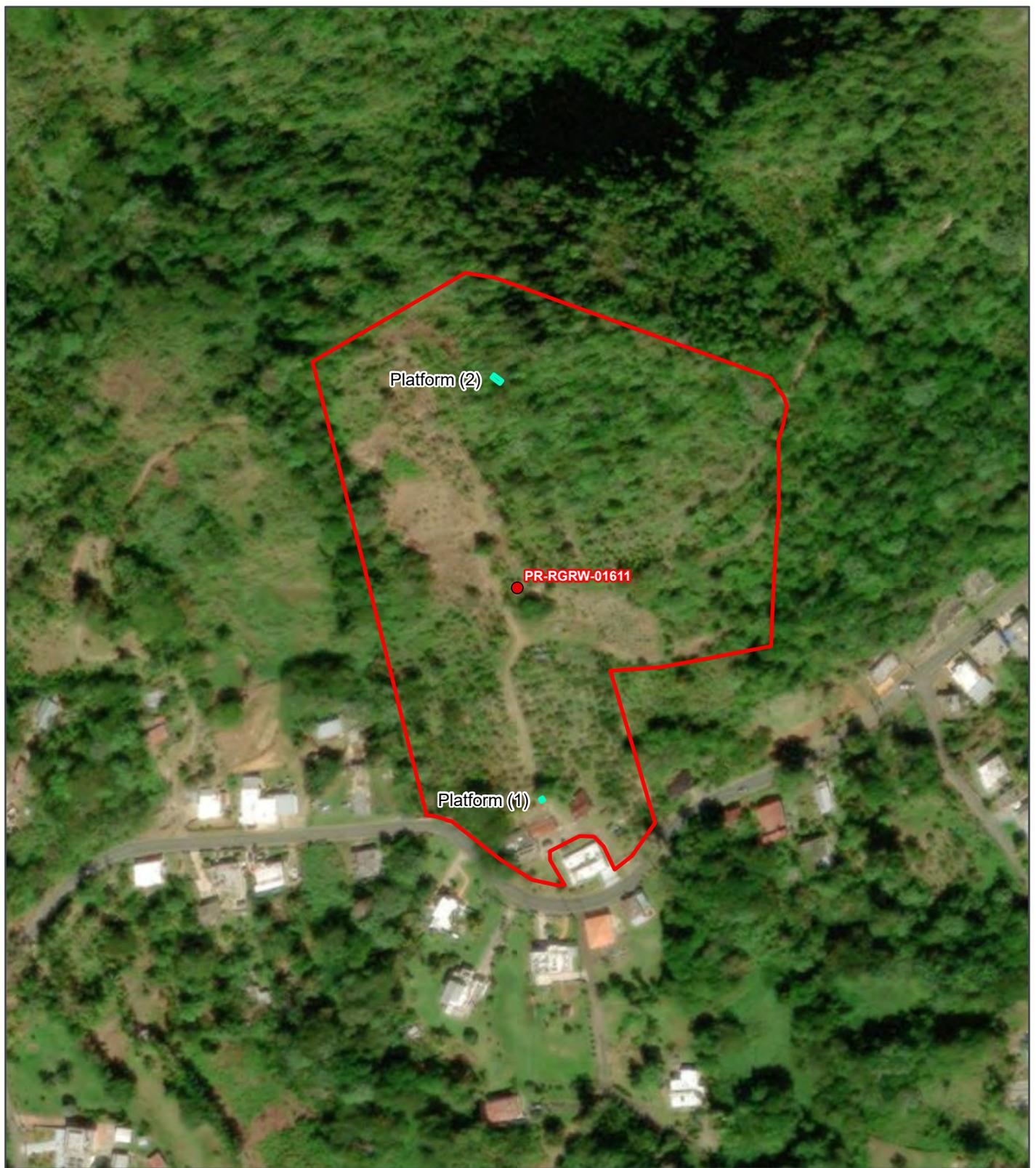
Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project sites were reviewed for wetlands using the USFWS Wetland Inventory Mapper and a visual confirmation during the field site inspection. No wetlands were determined to be present on the sites. No further evaluation is required. The project is in compliance with Executive Order 11990.



REGROW PROGRAM

**Figure B 12-1:
Wetlands Protection
Map**

Applicant ID: PR-RGRW-01611

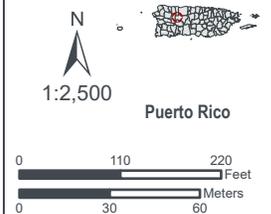


- Site
- Site Parcel
- Project Footprint (Option)
- NHD Stream
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.789627°W 18.295114°N

Data Source: <https://apps.nationalmap.gov/downloader/#/>
<https://www.fws.gov/program/national-wetlands-inventory/data-download>
Base Map: ESRI ArcGIS Online,
accessed August 2023
Updated: 8/10/2023
Layout: Wetlands Protection



Attachment 13

Wild and Scenic Rivers Partner Worksheet and Wild and Scenic Rivers Map

Wild and Scenic Rivers (CEST and EA) – PARTNER

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

General requirements	Legislation	Regulation
The Wild and Scenic Rivers Act provides federal protection for certain free-flowing, wild, scenic and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS) from the effects of construction or development.	The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287), particularly section 7(b) and (c) (16 U.S.C. 1278(b) and (c))	36 CFR Part 297
References		
https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers		

1. Is your project within proximity of a NWSRS river as defined below?

Wild & Scenic Rivers: These rivers or river segments have been designated by Congress or by states (with the concurrence of the Secretary of the Interior) as wild, scenic, or recreational

Study Rivers: These rivers or river segments are being studied as a potential component of the Wild & Scenic River system.

Nationwide Rivers Inventory (NRI): The National Park Service has compiled and maintains the NRI, a register of river segments that potentially qualify as national wild, scenic, or recreational river areas

No

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation used to make your determination, such as a map identifying the project site and its surrounding area or a list of rivers in your region in the Screen Summary at the conclusion of this screen.

Yes, the project is in proximity of a Nationwide Rivers Inventory (NRI) River.

→ Continue to Question 2.

2. Could the project do *any* of the following?

- Have a direct and adverse effect within Wild and Scenic River Boundaries,
- Invade the area or unreasonably diminish the river outside Wild and Scenic River Boundaries, or
- Have an adverse effect on the natural, cultural, and/or recreational values of a NRI segment.

Consultation with the appropriate federal/state/local/tribal Managing Agency(s) is required, pursuant to Section 7 of the Act, to determine if the proposed project may have an adverse effect on a Wild & Scenic River or a Study River and, if so, to determine the appropriate avoidance or mitigation measures.

Note: Concurrence may be assumed if the Managing Agency does not respond within 30 days; however, you are still obligated to avoid or mitigate adverse effects on the rivers identified in the NWSRS

No, the Managing Agency has concurred that the proposed project will not alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation of the consultation (including the Managing Agency's concurrence) and any other documentation used to make your determination.*

Yes, the Managing Agency was consulted and the proposed project may alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *The RE/HUD must work with the Managing Agency to identify mitigation measures to mitigate the impact or effect of the project on the river.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

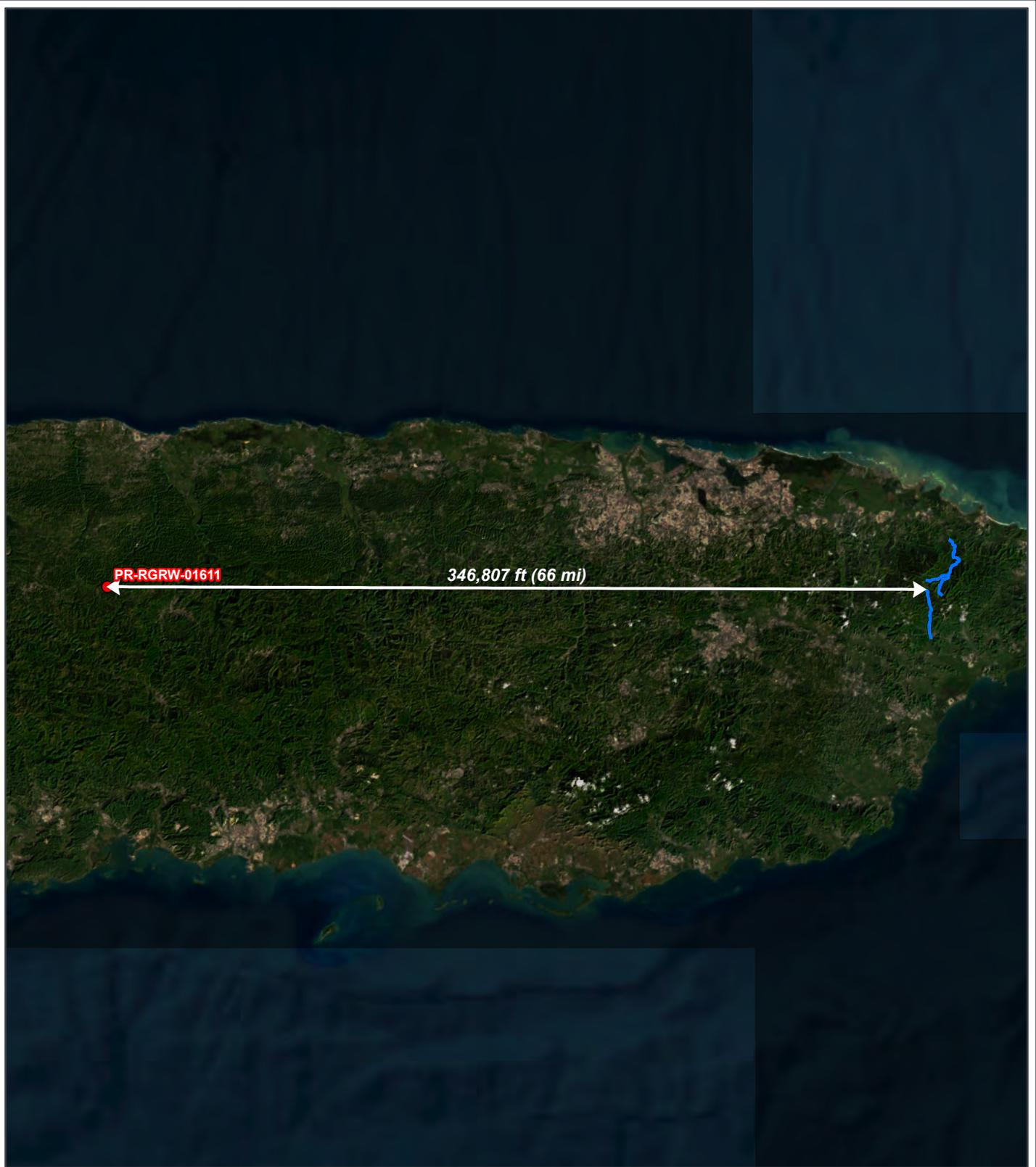
- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

A review of the USFWS National Wild and Scenic River mapper identified no Wild and Scenic Rivers or National Rivers Inventory (NRI) rivers present in Utuado Municipio. The closest Wild and Scenic River segment is located 346,807 feet (66 miles) east of the project sites. No further evaluation is required. The project is in compliance with the Wild and Scenic Rivers Act.

Are formal compliance steps or mitigation required?

Yes

No



REGROW PROGRAM

**Figure B 13-1:
National Wild and
Scenic River Map**

Applicant ID: PR-RGRW-01611

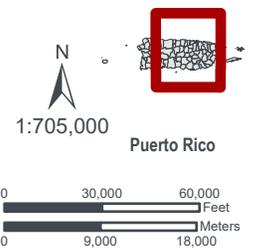


- Site
- National Wild and Scenic River

Carr 111 km 46.8 Bo. Angeles
Utuado, Puerto Rico 00611

Parcel ID: 160-000-002-16-001
Parcel Center:
66.289724°W 18.29385°N

Data Source: https://apps.fs.usda.gov/arcx/rest/services/EDW/EDW_WildScenicRiverSegments_01/MapServer
Base Map: ESRI ArcGIS Online, accessed July 2023
Updated: 7/28/2023
Layout: Wild and Scenic Rivers



Attachment 14
Environmental Justice Partner Worksheet
and EJScreen Report



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Environmental Justice (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/environmental-justice>

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

1. Were any adverse environmental impacts identified in any other compliance review portion of this project’s total environmental review?

Yes → *Continue to Question 2.*

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Were these adverse environmental impacts disproportionately high for low-income and/or minority communities?

Yes

Explain:

Click here to enter text.

→ *The RE/HUD must work with the affected low-income or minority community to decide what mitigation actions, if any, will be taken. Provide any supporting documentation.*

No

Explain:

Click here to enter text.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The ReGrow Program intends to alleviate negative economic impacts to, and strengthen, the agricultural industry in Puerto Rico. The project's direct and indirect impacts are limited to a small area on a single land parcel. The project will benefit the farm owner by providing access to clean water for agricultural use and production. The project would not facilitate development that would negatively affect human health or result in disproportionate adverse environmental impacts to low-income or minority populations. The project is in compliance with Executive Order 12898.

EJScreen Community Report

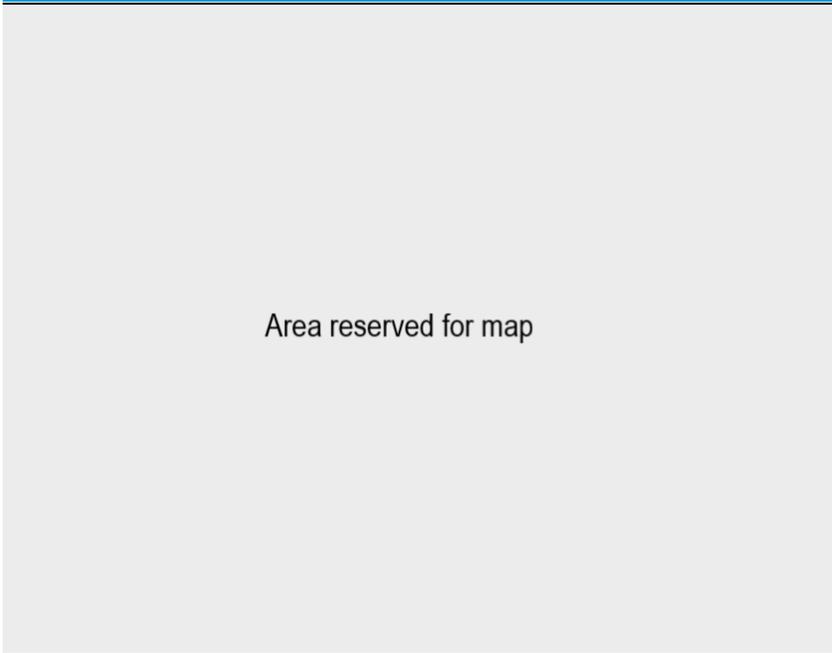
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

XX

1 mile Ring Centered at 18.294226,-66.789359

Population: 1,334

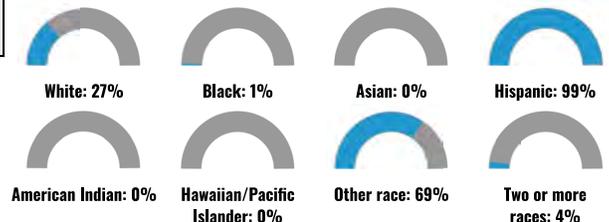
Area in square miles: 3.14



COMMUNITY INFORMATION



BREAKDOWN BY RACE



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	2%
Spanish	98%
Total Non-English	98%

BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 1 mile Ring Centered at 18.294226,-66.789359

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	XX	XX	XX	XX	XX
Ozone (ppb)	XX	XX	XX	XX	XX
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	XX	XX	XX	XX	XX
Air Toxics Cancer Risk* (lifetime risk per million)	XX	XX	XX	XX	XX
Air Toxics Respiratory HI*	XX	XX	XX	XX	XX
Toxic Releases to Air	XX	XX	XX	XX	XX
Traffic Proximity (daily traffic count/distance to road)	XX	XX	XX	XX	XX
Lead Paint (% Pre-1960 Housing)	XX	XX	XX	XX	XX
Superfund Proximity (site count/km distance)	XX	XX	XX	XX	XX
RMP Facility Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Hazardous Waste Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Underground Storage Tanks (count/km ²)	XX	XX	XX	XX	XX
Wastewater Discharge (toxicity-weighted concentration/m distance)	XX	XX	XX	XX	XX
SOCIOECONOMIC INDICATORS					
Demographic Index	XX%	XX%	XX	XX%	XX
Supplemental Demographic Index	XX%	XX%	XX	XX%	XX
People of Color	XX%	XX%	XX	XX%	XX
Low Income	XX%	XX%	XX	XX%	XX
Unemployment Rate	XX%	XX%	XX	XX%	XX
Limited English Speaking Households	XX%	XX%	XX	XX%	XX
Less Than High School Education	XX%	XX%	XX	XX%	XX
Under Age 5	XX%	XX%	XX	XX%	XX
Over Age 64	XX%	XX%	XX	XX%	XX
Low Life Expectancy	XX%	XX%	XX	XX%	XX

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

Sites reporting to EPA within defined area:

Superfund	XX
Hazardous Waste, Treatment, Storage, and Disposal Facilities	XX
Water Dischargers	XX
Air Pollution	XX
Brownfields	XX
Toxic Release Inventory	XX

Other community features within defined area:

Schools	XX
Hospitals	XX
Places of Worship	XX

Other environmental data:

Air Non-attainment	XX
Impaired Waters	XX

Selected location contains American Indian Reservation Lands*	XX
Selected location contains a "Justice40 (CEJST)" disadvantaged community	XX
Selected location contains an EPA IRA disadvantaged community	XX

Report for 1 mile Ring Centered at 18.294226,-66.789359

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	-99999900%	N/A	20%	N/A
Heart Disease	N/A	-999999	N/A	6.1	N/A
Asthma	N/A	-999999	N/A	10	N/A
Cancer	N/A	-999999	N/A	6.1	N/A
Persons with Disabilities	21.9%	21.6%	50	13.4%	90

CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	N/A	-99999900%	N/A	12%	N/A
Wildfire Risk	N/A	-99999900%	N/A	14%	N/A

CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	43%	32%	73	14%	96
Lack of Health Insurance	8%	7%	64	9%	54
Housing Burden	XX	N/A	N/A	N/A	N/A
Transportation Access	XX	N/A	N/A	N/A	N/A
Food Desert	XX	N/A	N/A	N/A	N/A

Footnotes

Report for 1 mile Ring Centered at 18.294226,-66.789359

Appendix C
Environmental Site Inspection Report



ENVIRONMENTAL FIELD ASSESSMENT FORM
ReGrow

Applicant Name: Blanca E. Cajigas Matias	Program ID: PR-RGRW-01611
Project Coordinates: 18.294227, -66.78936	Parcel ID: 160-000-002-16-001
Parcel Address: Carretera 111 KM 46.8 Bo. Angeles	Municipio: Utuado, PR
Zip Code: 00611	

Inspector Name: Delise Torres-Ortiz	Inspection Date: July 26 th , 2023
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General Site Conditions

Was property accessible by vehicle?	Yes	Comment:
Access issues?	No	Comment: None / Examples of manual entry: Dogs, Locked gate, Traffic hazards, Uncooperative residents, Confrontational Neighbors.
Are water wells present?	No	Comment:
Are creeks or ponds present?	No	Comment:
Are any potential wetlands on-site or visible on adjacent parcel?	No	Comment:

Parcel Conditions

Note – for Any Yes answers specify type, contents and location

Do any of the proposed project work areas show evidence of site preparation?	No	Comment: If yes, ask applicant when the preparation work was completed.
Are commercial or industrial hazardous facilities at parcel or within visual sight?	No	Comment:
Are there signs of underground storage tanks?	No	Comment:
Are above-ground tanks >10 gallons present? If Yes, also state condition.	Yes	Comment: Heater tanks (empty)



ENVIRONMENTAL FIELD ASSESSMENT FORM
ReGrow

Are 55-gallon drums present? If Yes, also state condition.	No	Comment:
Are abandoned vehicles or electrical equipment present?	Yes	Comment: The applicant was fixing a car and used another one for the parts or pieces; he will remove the abandoned vehicle from the property.
Is other potential environmentally hazardous debris on the parcel?	Yes	Comment: The property has an abandoned house where the applicant used to live and he is removing it little by little.
Is there non-environmentally hazardous debris on the parcel?	No	Comment:
Are any leaks, soil stains, or stressed vegetation present associated with any of the above or separately?	No	Comment:
Are there any pungent, foul or noxious odors?	No	Comment:
Are there any potentially hazardous trees that could fall?	No	Comment:
Are any bird nests visible?	No	Comment:
Are there any animal burrows visible?	No	Comment:
Are there any buildings in direct visual sight of the project locations?	Yes	Comment: Applicant's residence – 1970s, Abandoned structure (residence) – around 90 years old.



Additional Needs Analysis

Based on the above findings, does additional information need to be obtained from the applicant to determine whether an environmental hazard is present?	No	Comment:
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I verify that I have physically visited this property and that the findings outlined above are accurate.

Delise Torres Ortiz
{Delise Torres-Ortiz}
{July 26th, 2023}

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 01	Date: 08/14/ 2023
Photo Direction: West	
Description: The applicant (present in this picture) is requesting a portion of the ReGrow funds to replace the existing water pump inside the warehouse/garage under construction seen in this picture (roof). The water pump is installed on the wall of the warehouse/garage which is shown in photo # 03.	



Photo #: 02	Date: 08/14/ 2023
Photo Direction: Northwest	
Description: This picture is an overview of the other section of the structure under construction used as a warehouse/garage where the water pump is installed on the wall; the picture also shows the concrete and dirt access road to enter the farm.	



Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 03	Date: 08/14/ 2023
Photo Direction: West	
Description: The electric water pump is installed on the wall, like it is shown in the picture, and is used to move the water through the irrigation system installed on the property. The applicant is requesting the Regrow funds to replace the pump which is more cost effective than repairing it.	



Photo #: 04	Date: 08/14/ 2023
Photo Direction: Southeast	
Description: The applicant is asking to use part of the ReGrow fund to build a concrete base 6x12ft or 6x16ft with 3.5 inches of thickness and to acquire and install two (2) cisterns 1,000 gallons which will help provide potable water from PRASA to the farm using gravity on the area that is shown in the picture.	



Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 05	Date: 08/14/ 2023	
Photo Direction: South		
Description: The overview was taken from the north corner of the project location for a concrete base 6x12ft or 16ft with 3.5 inches of thickness and to acquire and install two (2) cisterns 1,000 gallons which will help provide potable water from PRASA to the farm using gravity.		

Photo #: 06	Date: 08/14/ 2023	
Photo Direction: West		
Description: The overview was taken from the east corner of the project location for a concrete base 6x12ft or 16ft with 3.5 inches of thickness and to acquire and install two (2) cisterns 1,000 gallons which will help provide potable water from PRASA to the farm using gravity.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 07	Date: 08/14/ 2023	
Photo Direction: North		
Description: The overview was taken from the south corner of the project location for a concrete base 6x12ft or 16ft with 3.5 inches of thickness and to acquire and install two (2) cisterns 1,000 gallons which will help provide potable water from PRASA to the farm using gravity.		

Photo #: 08	Date: 08/14/ 2023	
Photo Direction: East		
Description: The overview was taken from the west corner of the project location for a concrete base 6x12ft or 16ft with 3.5 inches of thickness and to acquire and install two (2) cisterns 1,000 gallons which will help provide potable water from PRASA to the farm using gravity.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 09	Date: 08/14/ 2023	
Photo Direction: Southwest		
Description: This picture shows the direction the applicant is planning on installing an above-ground pipeline to transport the water around the property using gravity; the direction will be from the northeast to the southwest and the picture shows the area's vegetation.		

Photo #: 10	Date: 08/14/ 2023	
Photo Direction: Northeast		
Description: This picture shows the direction the applicant is planning on installing an above-ground pipeline to transport the water around the property using gravity; the direction from the southwest (on the access road) to the northeast (where the cisterns will be) and the picture shows the area's vegetation.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 11	Date: 08/14/ 2023	
Photo Direction: West		
Description: In the whole property, the applicant has multiple cisterns, like the one shown in this picture of 600 gallons; the property does not have any other source of water other than potable water from PRASA (AAA).		

Photo #: 12	Date: 08/14/ 2023	
Photo Direction: Northwest		
Description: This picture is an overview of the 600 gallons cistern and the general direction of the above-ground pipelines; the property does not have any other source of water other than potable water from PRASA (AAA).		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 13	Date: 08/14/ 2023	
Photo Direction: Southeast		
Description: This picture is an overview of the general direction of the above-ground pipelines coming from the 600-gallon cistern, the area's vegetation, and the applicant; the property does not have any other source of water other than potable water from PRASA (AAA).		

Photo #: 14	Date: 08/14/ 2023	
Photo Direction: Southwest		
Description: This picture presents a continuation of the irrigation system at the side of the access road coming from the 600-gallon cistern which can be used with a hose or to fill small containers; the vegetation of the area is also appreciated.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 15	Date: 08/14/ 2023	
Photo Direction: East		
Description: In the whole property, the applicant has multiple cisterns, like the one shown in this picture 600 gallons. The property does not have any other source of water other than potable water from PRASA (AAA); it is also visible the crops and farm equipment.		

Photo #: 16	Date: 08/14/ 2023	
Photo Direction: South		
Description: The applicant has multiple cisterns, like the one shown in this picture 600 gallons. The property does not have any other source of water other than potable water from PRASA (AAA); it is also visible in the warehouse/garage rooftop and the area's vegetation. The applicant mentioned he plans to install another 1000-gallon cistern at the side of the one shown in the picture over a platform.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 17	Date: 08/14/ 2023
Photo Direction: East	
Description: The picture presents an abandoned heater once thought to be reused, but the applicant needs to discard it.	



Photo #: 18	Date: 08/14/ 2023
Photo Direction: Northwest	
Description: The applicant's residence was built before the 1970s; all the projects will be behind the structure with no direct view of them.	



Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 19	Date: 08/14/ 2023	
Photo Direction: Northeast		
Description: This structure is closer to the project location for an electric water pump replacement. The structure was built more than 90 years ago, but it has deteriorated due to time passing and the weather conditions; the applicant decided to demolish the structure, and so far, he has cut the electricity and the equipment. The picture also presents an empty cistern of 250 – gallons approx..		

Photo #: 20	Date: 08/14/ 2023	
Photo Direction: East		
Description: This partial view of the structure built more than 90 years ago has deteriorated due to time passing and the weather conditions; the applicant decided to demolish the structure with the small shed at the side, and so far, he has cut the electricity and the equipment.		

Project #: PR-RGRW-01611	Photographer: Delise Torres-Ortiz
Location Address: Carretera 111 KM 46.8 Bo. Angeles, Utuado, PR 00611	Coordinates: 18.294227, -66.78936

Photo #: 21	Date: 08/14/ 2023	
Photo Direction: Southeast		
Description: This picture is an overview of an abandoned shed built around 90 years ago, an employee's vehicle, a cistern, and an abandoned vehicle.		