

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project ID: PR-RGRW-00746

Project Name: Sunrise Living Real State LLC

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico/Trujillo Alto, PR

Preparer: Gabriela Rodríguez

Certifying Officer Name and Title: Permit and Compliance Officers: Sally Acevedo Cosme, Pedro De León Rodríguez, María T. Torres Bregón, Ángel G. López-Guzmán, Ivelisse Lorenzo Torres, Santa Damarys Ramírez Lebrón, Janette I. Cambrelén, Limary Vélez-Marrero, Juan Carlos Perez Bofill, and Mónica Machuca Ríos.

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

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

Project Location:

The property is a 1.24-acre site located at PR-181 km 53.2 Int., Quebrada Negrito ward Gateway Hills St. Calle 1 in the Municipality of Trujillo Alto, Puerto Rico (Parcel ID# 145-053-230-08-000). The coordinates of the project site are 18.323604, -65.981027.

This land is used for agricultural purposes with the cultivation of lime, avocado and ginger.

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

The intent use of funds includes the purchase and installation of an irrigation system, purchase and installation of a submersible water pump and all electrical components needed to operate the existing well, purchase and installation of new cyclone fence, purchase and installation of a water harvesting system and the purchase and installation of a photovoltaic system on the roof of an existing ca. 1985 building, and repairs to the roof of an existing addition to the ca. 1985 building. In addition, the scope of work includes the purchase of a tractor and the purchase and installation of new equipment on the ca. 1985 building including: a packaging system, a disinfection room in the existing

footprint of the main building, a labeling machine, a luminary store, a machine filler, and a coding machine.

The purchase of a tractor has been submitted and approved as an exempt activity under 24 CFR 58.35 (b)(4). The potential impacts associated to the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine are included in the analyses below.

The Scope of Work 1 (SOW-1) is the installation of an irrigation system at coordinates 18.323114, -65.981055. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations. The rain harvesting system is described in SOW-5. The irrigation system consists of PVC pipes above ground to supply water and nutrients to the roots drop-by-drop. The proposed location area will require clearing, grading, and vegetation removal. However, proposal does not contemplate cutting, pruning or transplanting of trees.

The Scope of Work 2 (SOW-2) is the repair activities of the existing water well located at coordinates 18.3231972, -65.9809256. The repair activities consist of the purchase and installation of a new submersible water pump and the electrical components needed to operate the well. A high-quality submersible pump, such as the Goulds 10GS30 or equivalent, with a 1-1/4-inch discharge will be installed to a depth of 695 feet. The pump capacity will be 15.6 gallons per minute at a head of 340 feet (TDH) and 10 gallons per minute at a head of 700 feet (TDH), operating at 3 HP at the point of work. The submersible motor of the pump will be a 3 HP Franklin Electric, with a capacity of 230 volts, single-phase, 60 Hz, 3450 rpm, and will have a diameter of 4 inches, suitable for water wells. For proper operation, a Franklin Electric 3 HP 1-phase, 230-volt control box will be installed with the needed additional accessories (nipples, elbow, check valves, and a 6-inch "Well Seal" for the 1-1/4-inch pipe). For proper connection and operation of the pump, the proposed installation includes, a 725-foot, #6/3 sub-submersible cable with "flat blue" ground, a heat shrink pipe splice kit, six rolls of wrapping tape for pipes and cables, and 33 SCH40 galvanized pipes of 1-1/4 inches x 21 feet each (693 feet total) are included. A flow meter with 1-inch thread and gallon marker will also be installed. No ground disturbance is anticipated as part of the SOW.

The Scope of Work 3 (SOW-3) is the construction of 450 linear foot of cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of new post every 10 feet for approximately total of 45 posts, 8 feet height each, at an approximate depth of 2 feet and a diameter of 2 inches. Some clearing and vegetation removal may be required. However, proposal does not contemplate cutting, pruning or transplanting of trees.

The Scope of Work 4 (SOW-4) is the repair and retrofit of an existing addition to the large building, with an estimated date of construction ca.1985, located at coordinates

18.3233958, -65.9809306. The building is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The repairs consist in the installation of missing roof area, including supporting beams and the galvalume roof, installation of windows and rolling doors. No ground disturbance is anticipated for these activities.

The Scope of Work 5 (SOW-5) is the installation of a rain harvesting system on an existing ca. 1985 building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building, next to the existing storage tanks, on the concrete floor. This new system will allow for the catchment area and storage expansion of the existing system. New harvested water will be filtered and treated with current installed system. The harvested water will be used as supply source for the irrigation system described in SOW-1. All piping system is above ground, no ground disturbance is anticipated for these activities.

The Scope of Work 6 (SOW-6) is the purchase and installation of a photovoltaic system on an existing ca. 1985 building located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing large scale metal building. The batteries and transfer switch would be inside this building. The building currently has main electrical panel and transfer switch installed. PV System will be connected to existing electrical connections. No ground disturbance is anticipated for these activities.

No new water or electric connection to local utility services (PRASA and PREPA/LUMA) is required. The project proposes the purchase and installation of a water pump to be used for the operation of the existing water well. It also proposes the installation of a rain harvesting system to collect water for operational purposes. Well will be used in a "as needed basis", not as the primary water source. The SOW includes the installation of a photovoltaic system to provide resiliency and supply the power and water demand of the operations.

The project site will require clearing, grading, and vegetation removal. However, proposal does not contemplate cutting, pruning or transplanting of trees. The installation of the irrigation system, the purchase and installation of the submersible water pump, the repair/retrofit of existing building and the installation of rain harvesting and PV system does not require ground disturbances. 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, it was determined that the ground disturbance activity is the installation of the new fence with a direct APE of 0.05 acres.

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

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

The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security island wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable development activities. The purpose of this project is to increase the productivity of the farm. This agricultural project associated with the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine is keeping with the overall objectives of the Economic Development Program.

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

The land is used for agricultural purposes with the cultivation of lime, avocado and ginger. Therefore, there is no change in land use associated with the project. Some ground disturbance will be required.

Structure of this Environmental Review Report (ERR).

This ERR discusses the Funding Information immediately below. The environmental impacts of the proposed action are discussed in the Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities checklist and Environmental Factors checklist. The listing of Additional Studies Performed, and Sources, Agencies and Persons Consulted follows the checklists. The discussions of Public Outreach, Cumulative Impacts, Alternatives, and Summary of Findings and Conclusions are presented at the end of the ERR, before the listing of Mitigation Measures and Determination signatures. The appendices contain detailed information.

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

Funding Information

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

Estimated Total HUD Funded Amount: \$ 129,707.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$ 129,707.00

Compliance with 24 CFR 58.5 and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The nearest civil and military airport, “Aeropuerto Luis Muñoz Marín”, is approximately 40,705 feet from the proposed site. The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements. Refer to Figure 2 in Appendix B.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has various Coastal Barrier Resources Systems (CBRS). The project is in northern Puerto Rico. The distance to the nearest CBRS unit is 36,047 feet. Therefore, this project has no potential to impact a CBRS Unit and is in

Improvement Act of 1990 [16 USC 3501]		compliance with the Coastal Barrier Resources Act. Refer to Figure 3 in Appendix B .
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is located in Zone X, area of minimal flood hazard, as per Flood Insurance Rate Map (FIRM) 72000C0755J, effective date November 18, 2009. This project is in compliance with Flood Insurance Rate Map. See Figure 4 and 5 in Appendix B .

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not located in a county or air quality management district that is non-attainment status for any criteria pollutants. The Municipio of Trujillo Alto is not listed in the EPA Green Book "Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants". The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. Project would have no impact on air quality. The project is in compliance with Clean Air Act. Refer to EPA listing in Appendix C .
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is located 30,940 feet from the nearest Coastal Zone Management area and does not affect a Coastal Zone as defined in the PR Coastal Zone Management Plan. The project is in compliance with the Coastal Zone Management Act. See Figure 7 in Appendix B .
Contamination and Toxic Substances 24 CFR Part 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	A site visit conducted on January 11, 2024, no debris or rubbish or visible signs vegetative stress, contamination, or toxic substances were identified at the project site. The proposed project includes the purchase and installation of

		<p>an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>Site contamination was evaluated through online data searches to determine if toxic sites are located within 3,000-feet of the proposed project. There are no sites of environmental concern identified within 3,000 feet of the project site.</p> <p>Refer to Figures 8 and 9 in Appendix B and the Site inspection report and photos in Appendix A. The project is in compliance with Contamination and Toxic Substances.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed location of project is an area that is used for agricultural purposes.</p> <p>According to EPA NEPAAssist Enviromapper, the nearest critical or proposed critical habitat is 44,554 feet to the southeast of the project location. The Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website lists the Puerto Rican Boa as being able to be found in the area, but there are no critical habitats for them at this location.</p> <p>A site-specific review of endangered species was conducted in accordance with the Fish and</p>

		<p>Wildlife Act (47 Stat. 401, as amended: 16 U.S.C. 661 et seq.) (See Appendix D).</p> <p>The project is “May affect, but not likely to adversely affect” (NLAA) the Puerto Rican Boa, provided conservation measures are implemented as part of the project.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFWS Puerto Rican Boa Conservation Measures guidelines.</p> <p>Refer to Figures 10 and 11 in Appendix B and the Endangered Species Package in Appendix D. This project is in compliance with the Endangered Species Act.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>The project does not include development, construction, or rehabilitation that will increase residential density.</p> <p>The project is in compliance with Explosive and Flammable Hazard requirements.</p> <p>Refer to site visit report in Appendix A.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a</p>

		<p>packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>The project site is not designated as farmland of statewide importance or prime farmland. The project does not include any activities that could potentially convert agricultural land to nonagricultural use. Although the project includes new construction, the project is exempt from review under the Farmland Protection Policy Act (FFPA) as the project is limited to construction of on-farm structures needed for farm operations. No further review is required.</p> <p>This project is in compliance with the Farmland Protection Policy Act. Refer to Figure 12 in Appendix B.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not located in a Federal Flood Risk Management Standard (FFRMS) floodplain.</p> <p>The Project site is not located in an Advisory Base Flood Elevation (ABFE) special flood hazard area per Floodplain Map 72000C0755J, effective date April 13, 2018. Since the project site does not lie within the 1 percent (100-year) floodplain on the ABFE, it is not within the FFRMS.</p> <p>PFIRMs in Puerto Rico were only developed for certain sections of the municipalities of Carolina, Canóvanas, Loiza, San Juan and Trujillo Alto. The proposed project is located in the municipality of Trujillo Alto; however, the proposed project is not within an area where a PFIRM was developed. Therefore, PFIRM was not considered in the review.</p> <p>This project is in compliance with Executive Order 11988. See Figure 6 in Appendix B.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966,</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was evaluated on February 13, 2023, by an SOI Qualified Architect/Architectural Historian. Additionally, the site was evaluated on February 13, 2023, by an SOI Qualified Archaeologist. SHPO concurred with a finding of No Historic Properties Affected within the</p>

<p>particularly sections 106 and 110; 36 CFR Part 800</p>		<p>project's Area of Potential on Effects on April 2, 2023.</p> <p>Refer to Figure 13 in Appendix B and the Section 106 Consultation Package in Appendix E. This project is in compliance with Historic Preservation requirements.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of a cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. HUD's noise regulations protect residential properties from excessive noise exposure. HUD noise regulations do not apply as the project does not include new construction for residential use or rehabilitation of an existing residential property. The proposed project is in compliance with Noise Abatement and Control.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. The nearest Sole Source Aquifer is 5,487,732 feet to the northwest of the project site. The project is in compliance with Sole Source Aquifer requirements.</p> <p>Refer to Figure 17 in Appendix B.</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of a cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>The north coast is 45,200 feet north of the property. The closest fresh-water bodies include</p>

		<p>Quebrada Grande 883 feet northeast of the property.</p> <p>The NWI maps show no wetlands on the or adjacent to the project site. This project does not impact any on or off-site wetlands and includes no activities that would require further evaluation under this section.</p> <p>The project is in compliance with Executive Order 11990. Refer to Figure 14 in Appendix B.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is not within proximity of a National Wild and Scenic River (WSR). The distance to the nearest WSR is approximately 65,840 feet. The project is in compliance with the Wild and Scenic Rivers Act. Refer to Figure 15 in Appendix B.</p>

ENVIRONMENTAL JUSTICE		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No adverse environmental impacts were identified in any other compliance review portion of this project that may disproportionately be high for low-income and/or minority communities. Therefore, this topic complies with Executive Order 12898. Refer to Appendix C.</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	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project is located on a private farm. The project site is zoned as "Rural General (R-G)". The proposed action is compliant with the current agricultural land use of the Project area and will not contribute to urban sprawl.</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>The proposed project is located in relatively flat terrain, and now used for growing of lime, avocado and ginger.</p> <p>Soils in the proposed project area are classified as Caguabo clay loam (CaE), with slopes ranging from 20 to 40 percent, is found within SOWs 3, 4, 5, and 6. On the other hand, the Caguabo clay loam (CaF) with slopes ranging from 40 to 60 percent is located within the APEs of SOW 1, 2, 3, and 4. The parcel is surrounded with young secondary vegetation, 50-60 meters above mean sea level.</p> <p>Projects larger than 1 acre must comply with the CWA and develop a SWPPP with the NPDES. The proposed project area is approximately 0.05 acres.</p>

		<p>The project site will require some clearing, grading, and vegetation removal. However, proposal does not contemplate cutting, pruning or transplanting of trees.</p> <p>The APE is rated “low to moderate” for landslide susceptibility (see Figure 16 in Appendix B).</p> <p>There will be little to no additional runoff associated with the project.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. During implementation of the project, construction activities may result in temporary elevation of ambient noise levels in immediate areas around active construction areas. The only nearby receptors are the residents of the farm. There is no access to the project area by the public. All mitigation measures for construction works established by the state will be complied with.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. Temporary employment of workers related to construction activities would result, but no new permanent jobs would be created as a result of this project. These workers are expected to come from the local region. However, since the project will include an economic component, it may aid in restoring some employment opportunities and increase income.</p> <p>The proposed project would not negatively impact employment or income patterns.</p>

Demographic Character Changes, Displacement	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project would not result in demographic character changes or displacement. Given the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project.
Environmental Justice	2	In the area (one mile radius) in which project will occur. 99% are people of color compared to PR average of 96% 72% are low income compared to PR average of 70% 6% are unemployed compared to PR average of 15% The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. This project will result in restoration and increase in income and potential employment opportunities in the local area. The impacts would be beneficial. See EJSscreen Report in Appendix C

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a

		labeling machine, a luminary store, a machine filler, and a coding machine. The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
Commercial Facilities	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The agricultural activity of the project property will improve. Other commercial facilities would not be impacted by the proposed project.
Health Care and Social Services	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. Health care and social services facilities would not be impacted by the proposed project. The project would not increase demand for health care and social services facilities.
Solid Waste Disposal / Recycling	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>Waste vegetation from clearing activities will either be composted on site or at regional composting centers. Soil from grading would be recycled on the farm as fill. Left over construction materials that could be reused on the farm (e.g., piping, structural materials, others) would be stored for later use. The remaining construction solid waste materials would be collected for transport to the local landfill. The amount of impact of solid waste resulting from the construction of the proposed project would be minor. During operations, the products and by-products would be agricultural, which waste would be</p>

		<p>biodegradable. Other waste components related to the operation of the proposed project includes recyclable materials such as plastics and cardboard. Recyclables will be set aside and dispose according to the local recycling management plan. The remaining municipal solid waste would be collected for the transport to the local landfill.</p>
Wastewater / Sanitary Sewers	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project would not include any bathrooms, wastewater, or sewage facilities. Current farm conditions would remain unchanged.</p>
Water Supply	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p> <p>The project proposes the purchase of a water pump to be used for the operation of the existing water well. On the other hand, proposes the installation of a rain harvesting system to collect water for operational purposes. Well will be used in a “as needed basis”, not as the primary water source. Proposed water withdrawal from the well will be controlled under a permit. The SOW does not involve the drilling, construction, or installation of the existing well. However, the applicant is responsible for any permits or actions to ensure legalization (if needed) of existing well usage. Any necessary permits should be obtained by the applicant.</p>
Public Safety – Police, Fire and Emergency Medical	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.</p>

		machine. The proposed project would not create any new demand for emergency or health services.
Parks, Open Space and Recreation	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project would not create or destroy any new parks, open space, or recreational activities. It also would not increase use of those facilities.
Transportation and Accessibility	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project would not involve the creation of new roads nor any increase in long-term traffic on existing roads. There would be some minor use of the existing road during construction. All residents and businesses would retain access to their properties during and after the project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project will be situated on land used for agricultural purposes.</p> <p>The project proposes the purchase of a water pump to be used for the operation of the existing water well. On the other hand, proposes the installation of a rain harvesting system to collect</p>

		water for operational purposes. Well will be used in a “as needed basis”, not as the primary water source. Proposed water withdrawal from the well will be controlled under a permit. The SOW does not involve the drilling, construction or installation of the existing well. However, the applicant is responsible for any permits or actions to ensure legalization (if needed) of existing well usage. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities. The impact to water resources will be minor.
Vegetation, Wildlife	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The proposed project will be situated on land used for agricultural purposes.</p> <p>The proposed project will occur on land previously used for agricultural purposes and will continue in that capacity. Waste vegetation from clearing activities will either be composted on site or at regional composting centers. Soil from grading would be recycled on the farm as fill. Proposal does not contemplate cutting, pruning or transplanting of trees. The proposed project will have minimal impact on vegetation and no impact on wildlife.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change Impacts	2	<p>The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. There would be no changes to the site configuration or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity. With respect to climate change impact on the project, agricultural activities could be affected by drought. The proposed activities are intended to allow for better processing and provide resilience</p>

		measures to the agricultural operations, no drought related impact is contemplated. This is a small agricultural project with no measurable impact on climate change factors.
Energy Efficiency/Energy Consumption	2	The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. Project involves the addition of solar equipment to supply/reduce energy requirements.

Additional Studies Performed: None required.

Field Inspection (Date and completed by):

Site inspection was conducted on January 11, 2024 by Javier Ramos.

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

Puerto Rico State Historic Preservation Office

FAA, National Plan for Integrated Airport Systems:

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

John H. Chafee Coastal Barrier Resources System, Puerto Rico [map](http://www.fws.gov/CBRA/Maps/Locator/PR.pdf).
www.fws.gov/CBRA/Maps/Locator/PR.pdf

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

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

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

US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book):
www3.epa.gov/airquality/greenbook/anayo_pr.html

US EPA, Environmental Topics, Air Topics: www.epa.gov/environmental-topics/air-topics

US Fish and Wildlife Service, Environmental Conservation Online System:
<https://ecos.fws.gov/ecp/report/species-listings-by-state?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed>

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

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

Puerto Rico Coastal Zone Management Program Plan, September 2009.

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

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria,
www.sciencebase.gov/catalog/item/59de6459e4b05fe04ccd39d8

List of Permits Obtained:

None

Public Outreach [24 CFR 58.43]:

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

Cumulative Impact Analysis [24 CFR 58.32]:

In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the proposed project. The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The project would allow a more efficient processing and growing of the agricultural products. The possible cumulative impacts associated to the proposed project are related to the increase in energy demand and the withdrawal of groundwater to supply water needs for operational purposes. Power demand will be supplied with the use of the proposed PV system. On the other hand, the project proposes the installation of a rain harvesting system to collect water for operational purposes. The well will be used on an "as needed basis", not as the primary water source. Proposed water withdrawal will be contained under a permit that establishes the maximum daily flow rate. There are no other wells nearby to be affected.

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

The RGRW Program's goal is to increase agricultural capacity while promoting and increasing food security island wide. This Program seeks to enhance and expand agricultural production related to economic revitalization and sustainable development activities. Alternative locations off and on property may represent an impact to undisturbed and/or uneven ground, sloped terrain or within forested areas, which could require heavier clearing and grading activities. Any alternative that would involve an off-property location might require the purchase of land, the need for storage area, the movement of products, equipment, infrastructure, water and power utility connections, among others, representing an additional cost. An off-property alternative will not enhance and expand agricultural production or allow for the economic development for this applicant. Given the above-mentioned possible impacts of an alternative location, an off-property alternative was not selected.

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

The proposed project includes the purchase and installation of an irrigation system, installation of a submersible water pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system, repairs the roof of an existing building, the purchase and installation of new equipment including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. Under the No Action Alternative, the applicant would not receive federal funding for the proposed action, which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

Summary of Findings and Conclusions:

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

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

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

The environmental review topics addressed in this environmental review include all formal compliance steps with federal agencies and mitigations (listed in table below) needed for compliance with 24 CFR 58.

Any permits or approvals that have been issued during the preparation of this environmental review have been included in the evaluation of impacts and mitigations. Any special permit conditions or requirements associated with these permits are listed in the Mitigation Measures and Conditions table below.

Law, Authority, or Factor	Mitigation Measure
Water Supply	The appropriate permit will be obtained before the operation of the new water well. Prior to construction, the applicant will contact the PRDNER to determine the required permits and authorizations.
Endangered Species	Implement Puerto Rican Boa conservation measures prior to and during construction to avoid or minimize impacts to this species. If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa. PRDNER phone #: ((787) 724-5700, (787) 230-5550, (787) 771-1124.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Standard construction BMPs would be used to control erosion and runoff during construction.
Permits or Agency Approvals Required	
Permit or Approval	Permit Conditions
Ground disturbance	Projects whose earthworks are more than 40 m ³ must submit an Incidental Permit. The permit must be submitted via the Single Business Portal to the OGPe to be evaluated and physicalized by the Water Quality Division of the PRDNER. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities.
Clearing activities	Activities involving the excavation or movement of any component of the terrestrial cortex material that exceeds five hundred (500) cubic meters and up to a maximum of five

	thousand (5,000) cubic meters require the submittal and approval of a Simple Terrestrial Cortex Removal Permit. Applications are submitted via the Single Business Portal of the OGPe to be evaluated and physicalized by terrestrial Cortex Extraction Permit Division of the PRDNER.
Well/Stream withdrawal	Well or water intake activities require a construction and operation permit form the Water Permits and Franchises Division (DPFA) of the PRDRNER. The SOW does not involve the drilling, construction or installation of the existing well. However, the applicant is responsible for any permits or actions to ensure legalization (if needed) of existing well usage. Any necessary permits should be obtained by the applicant and/or contractor prior to construction activities.
Utility Connections- PREPA/LUMA	The project does not involve new utility connections provided by PREPA/LUMA. The SOW includes the installation of a PV System. Facilities have local utility services connections (PREPA/LUMA). However, the applicant is responsible for any permits or actions to ensure legalization of utility connections (if needed) prior to construction activities.

Determination:

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

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

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.

Preparer Signature:  Date: 8/20/2024

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

Certifying Officer Signature:  Date: August 26, 2024

Name/Title: I. Lorenzo, Permits and Environmental Compliance Specialist

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

APPENDIX A

Site Inspection and Photos

Environmental Field Observation - Puerto Rico Department of Housing

APPLICANT INFORMATION			
Application ID	PR-RGRW-00746		
Applicant Name	Sunrise Living Real State LLC		
Property Address	Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1 00976		
Parcel ID	145-053-230-08		
Coordinates	18.323604, -65.981027		
Inspector Name	Javier Ramos		
Inspection Date	01/11/2024		
Building Type	None		
Number of Units	0		
Number of Stories	0		
Year Built; Data Source	----; Historian		
ENVIRONMENTAL OBSERVATIONS (attach photos and notes, as necessary, for any YES answers)			
OBSERVATION ITEMS	YES	NO	COMMENTS
A. Is the structure in use ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Building
B. Is structure a greenhouse ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Is Electricity connected ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Power meter
D. Is water connected ? (Utilities or Well)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water meter under vegetation
1. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, storm debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are there any 55-gallon drums visible on site? If yes, are they leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are there any (or signs of any) underground storage tanks on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are there signs of ASTs on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Is there any stained soil or pavement on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Is a water drainage system in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is a warehouse in use for storage of Fertilizer or Pesticides ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Are there any groundwater monitoring wells on the site or adjacent parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is there evidence of a faulty septic system ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Is there distressed vegetation on the parcel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Is there any visible indication of MOLD ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

12. Is there any visible evidence of asbestos, chipping, flaking or peeling paint, or hazardous materials present in or on the structure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. Are any additional site hazards observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. Is there any permanent standing water , such as a pond or stream, located on the site (do not include ponding from recent rain / weather events)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. Does the subject property have water frontage ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is there any indication of the presence of Wetlands ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. Are there any obvious signs of animals or birds nesting on or near the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
19. Is a historic marker present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Notes:

Additional Notes:

Case: PR-RGRW-00746

Project Name: Sunrise Living Real State LLc

Coordinates: 18.323604, -65.981027

Is the field graded? For what purpose the field was graded? Month, Year: none

Scope of Work: The proposed project includes the purchase and installation of an irrigation system, water well, packaging system, cuarto de desinfeccion, cyclon fences, edificacion, labeling machine, land clearing, luminary store, machine filler, water harvester, photovoltaic system, tractor, coding machine.

Land current in use for: The farm is used for lime, avocado and ginger.

Past Land use was: Unknown.

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

Scope of work 1: Irrigation System

Scope coordinates: 18.3230785, -65.9812364

The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations.

Scope of work 2: Repair existing of a water well

Scope coordinates: 18.3231972, -65.9809256

The applicant proposes to repair the pump and electrical components of an existing water well, no ground disturbance.

Scope of work 3: Cynclon Fences

Scope coordinates: Start 18.3238726, -65.9807475 / end 18.3231660, -65.9808756

The applicant proposes to construct a cyclone fence approximately 450' (lf) X 8' (h).

Scope of work 4: Building

Scope coordinates: 18.3233958, -65.9809306

The applicant proposes to repair a building approximately 24' (l) x 11' (w) x 20' (h), for use as storage and farm tools.

Scope of work 5: Rain Water Harvester

Scope coordinates: 18.3234346, -65.9810905

The applicant proposes a rain water collection system with metal canal in the roof of the existing building. The water will be collected in a cistern system located inside the existing building.

Scope of work 6: Photo voltaic system

Scope coordinates: 18.3236043, -65.9810268

The applicant proposes a 30,000 kW photo voltaic system, which would be installed on the roof of the existing structure. The batteries and transfer switch would be inside the structure.

Any new water connection or power connection?

New water connection with the Rain Water Harvester, and new power connection with the Photo voltaic system.

If the scope of work included tools, machinery, or farms products, Where the applicant will be storing them?

The following tools and machinery: packaging system, labeling machine, machine filler, tractor and coding machine will be storage in the building

Front of Structure

Photo Direction: Southwest



Facing Away From Front

Photo Direction: Northeast



Side #1 of Structure

Photo Direction: Southwest



Facing Away From Side #1

Photo Direction: Northeast



Back of Structure

Photo Direction: Northwest



Facing Away From Back

Photo Direction: Southeast



Side #2 of Structure

Photo Direction: Southeast



Facing Away From Side #2

Photo Direction: Northwest



Streetscape #1

Photo Direction: Northwest



Streetscape #2

Photo Direction: Southeast



Address

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structure Occupied

Photo Description: Office

Photo Direction: South



Electricity Connected

Photo Description: Power meter

Photo Direction: Southwest



Water Connected

Photo Description: Water meter

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: North



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: Northeast



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 4: Repair of a Building

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 4: Repair of a Building

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 2: Repair of a Water well

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 2: Repair of a Water well

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: North



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Northwest



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Northwest



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester, cisterns system for water collection

Photo Direction: Northeast



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester

Photo Direction: Southeast



APPENDIX B

Maps



- Legend**
-  Project Parcel
 -  Parcels
 -  Area of Potential Effect
 -  Project Parcel Boundaries
 -  Fence installation

Scope of work 6: Photo voltaic system installation

Scope of work 5: Rain water harvester

Scope of work 1: Installation of irrigation system

Scope of work 3: Installation of a cyclone fence

Scope of work 4: Repair of a building

Scope of work 2: Repair of a water well

PUERTO RICO



Figure 1: PROJECT LOCATION
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

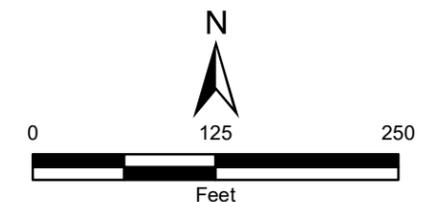
Name of Development: Sunrise Living Real State LLC

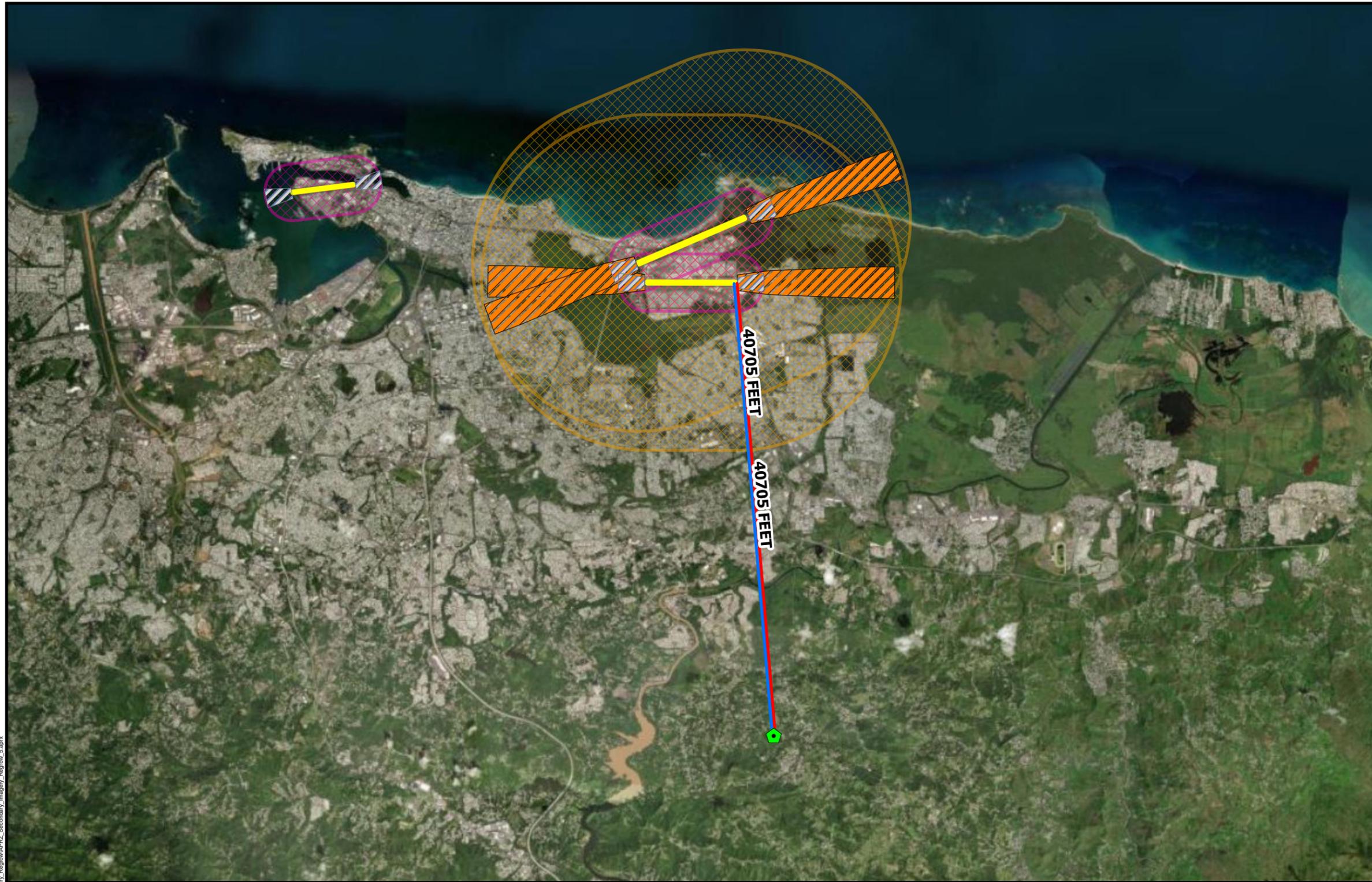
Parcel Coordinates: 18.323604, -65.981027



Source: CRIM
<https://catastro.crimpr.net/cdprpc/>

Author: TG Date: 3/22/2024





Legend

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

**Distance to Nearest Airport
in Feet: 40,705**

**Distance to Nearest Civilian Airport
in Feet: 40,705**

**Distance to Nearest Military Airport
in Feet: 40,705**

PUERTO RICO



Figure 2: AIRPORT ZONES
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

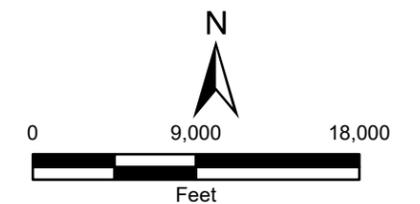
Name of Development: Sunrise Living Real State LLc

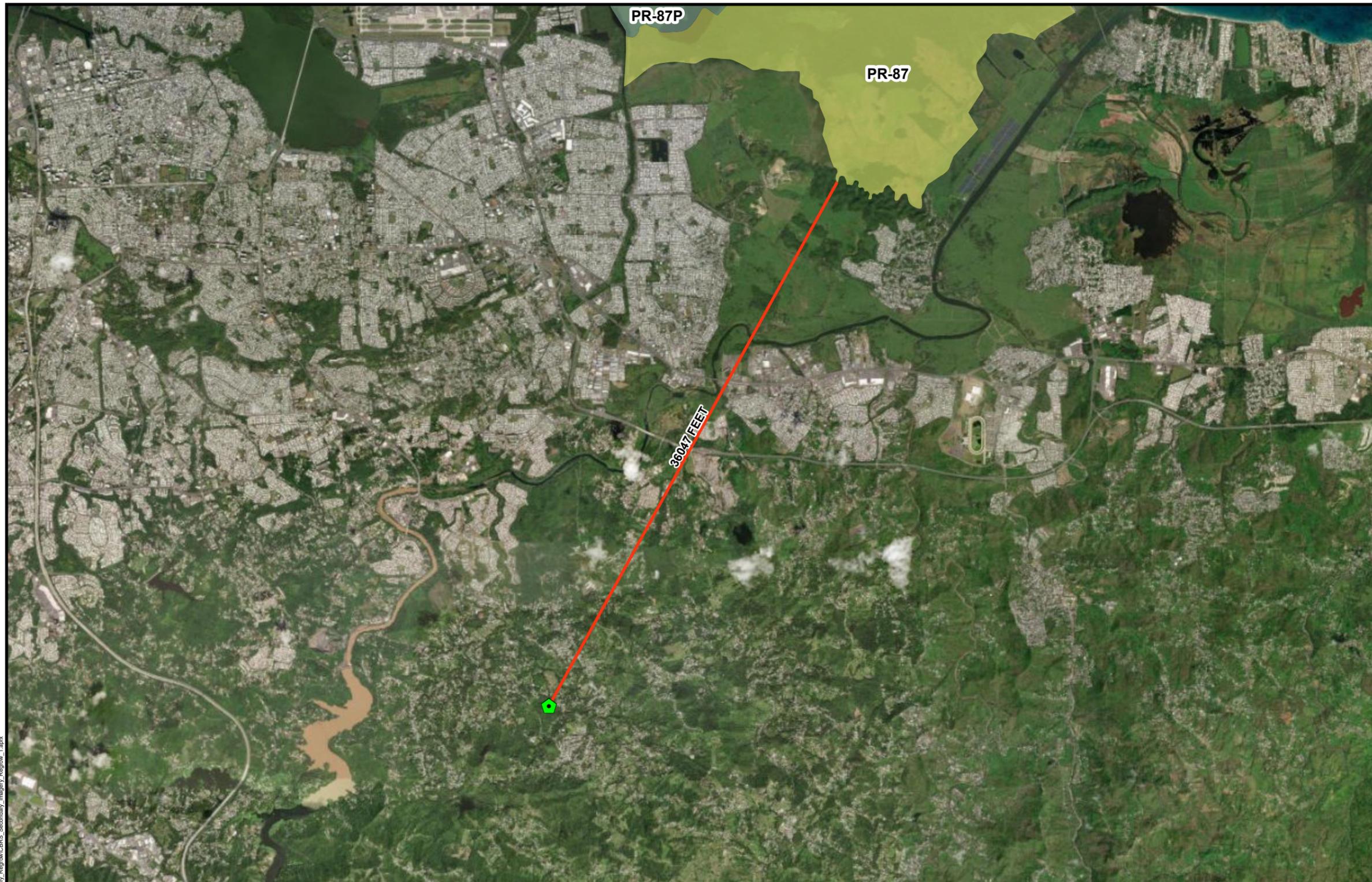
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/20/2024





Legend

Project Parcel

Coastal Barrier Resources System Boundary

Unit

PR-87

PR-87P

Distance to Nearest Coastal Barrier Resources System:
36047 Feet

PUERTO RICO



**Figure 3: COASTAL BARRIERS RESOURCE SYSTEM
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

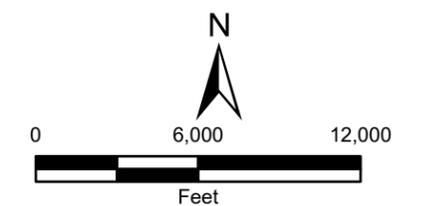
Parcel Coordinates: 18.323604, -65.981027

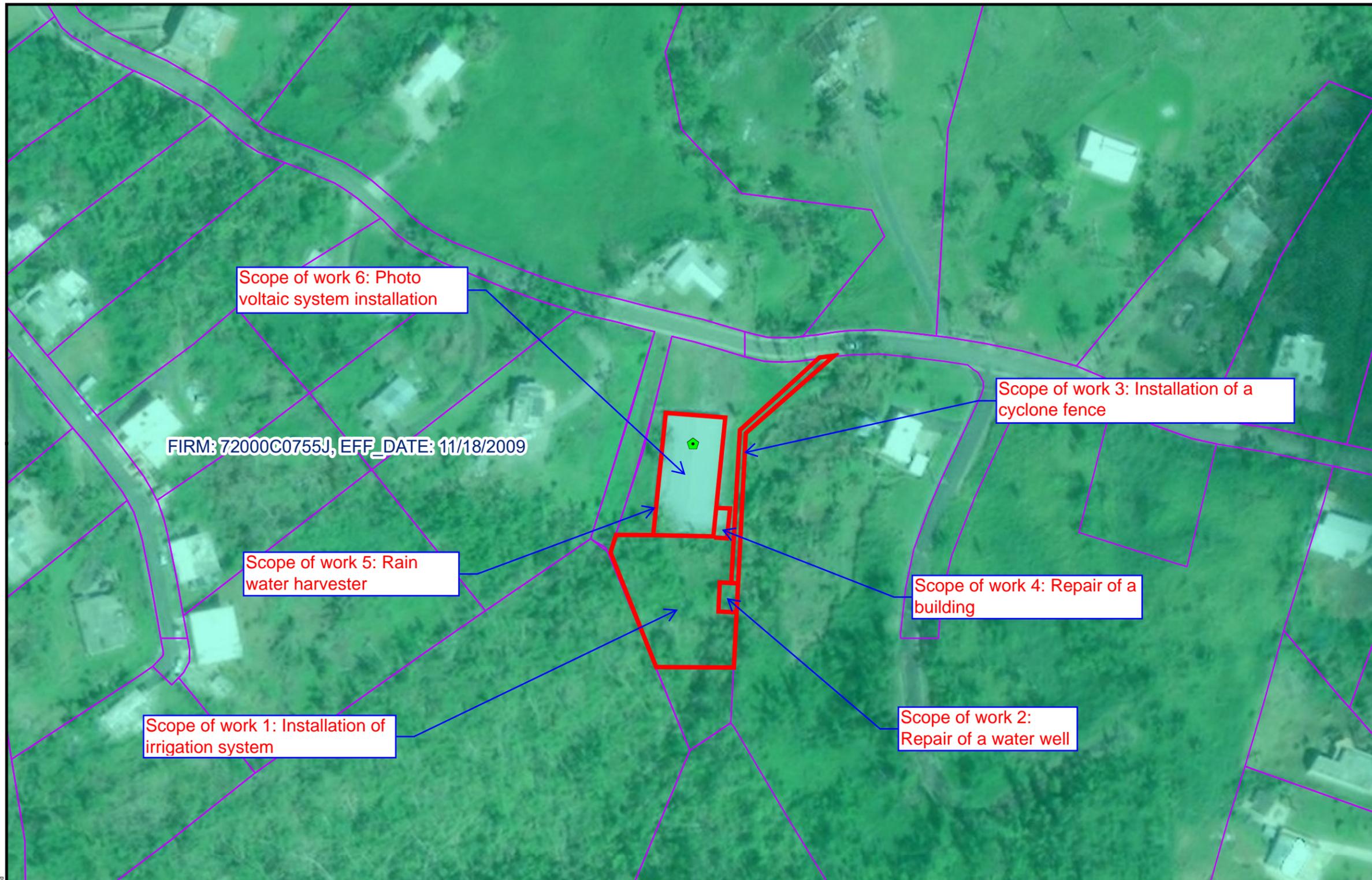


Source: U. S. Fish & Wildlife Service
<https://www.fws.gov>

Author: TG

Date: 10/17/2023





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

PUERTO RICO



**Figure 4: FLOOD INSURANCE RATE MAP (FIRM)
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

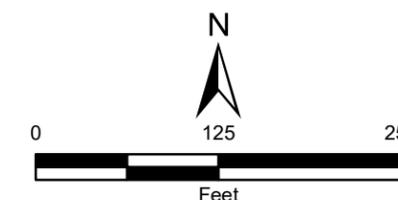
Name of Development: Sunrise Living Real State LLC

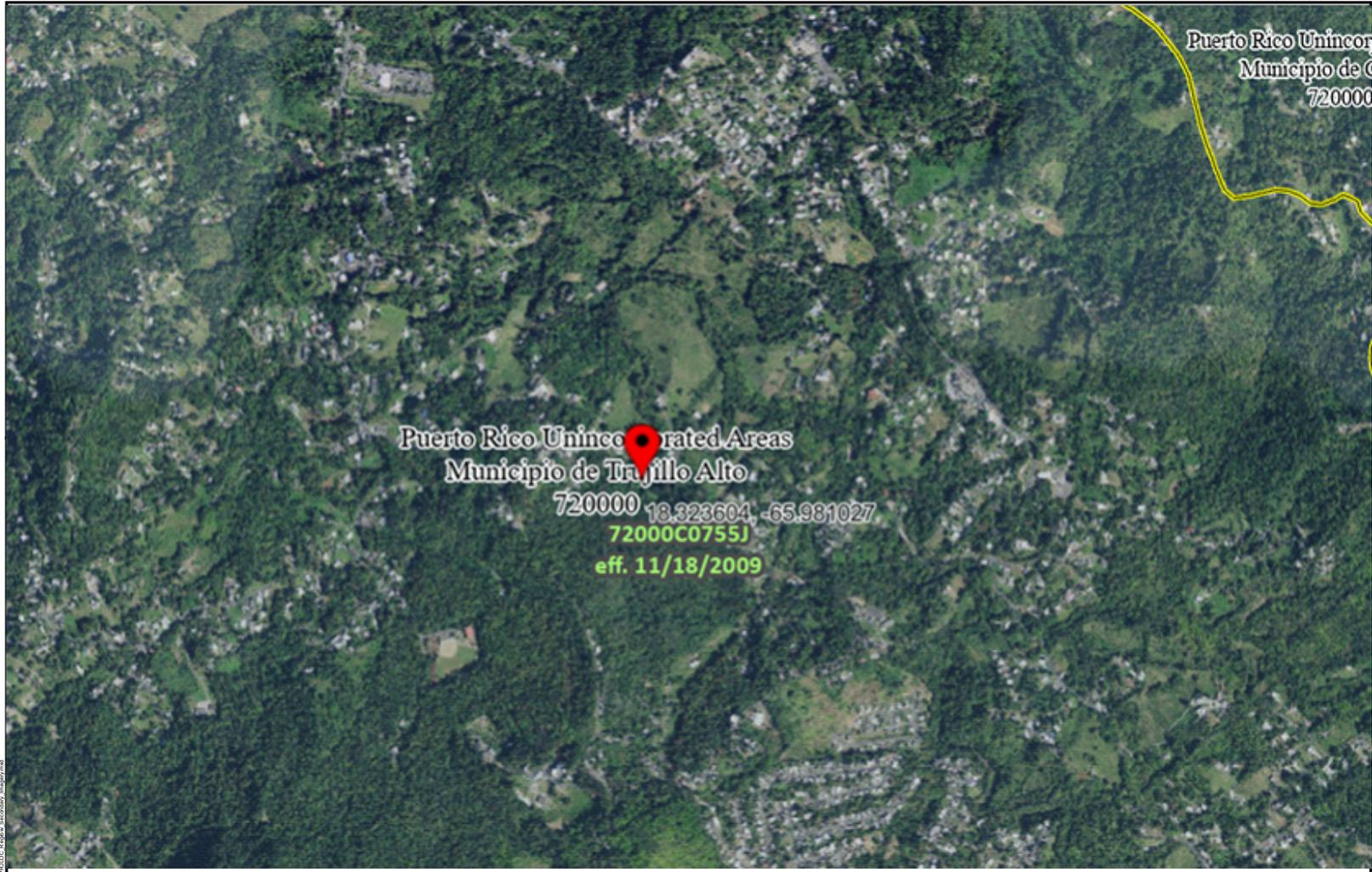
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024



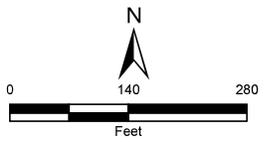


Legend

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

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

PUERTO RICO



**FIGURE 5: NATIONAL FLOOD HAZARD LAYER FIRMETTE
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976
 Name of Development: Sunrise Living Real State LLC
 Parcel Coordinates: 18.323604, -65.981027



Source: FEMA
<https://www.msc.fema.gov>
 Author: TG Date: 5/31/2023

File Path: \\msk01001\GIS\Projects\2023\20230531\18323604_65981027\FIRM\FIRM_00746_001\MapLayouts\Figure 5 - National Flood Hazard Layer Firmette.mxd



- Legend**
- Project Parcel
 - Parcels
 - ABFE Flood Zone**
 - A
 - AE
 - AO
 - VE
 - X
 - Area of Potential Effect

PUERTO RICO



**Figure 6: ADVISORY BASE FLOOD ELEVATION (ABFE) MAP
APPLICANT ID: PR-RGRW-00746**

ADDR ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

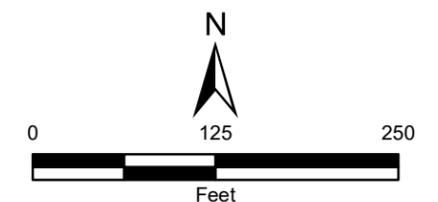
Name of Development: Sunrise Living Real State LLC

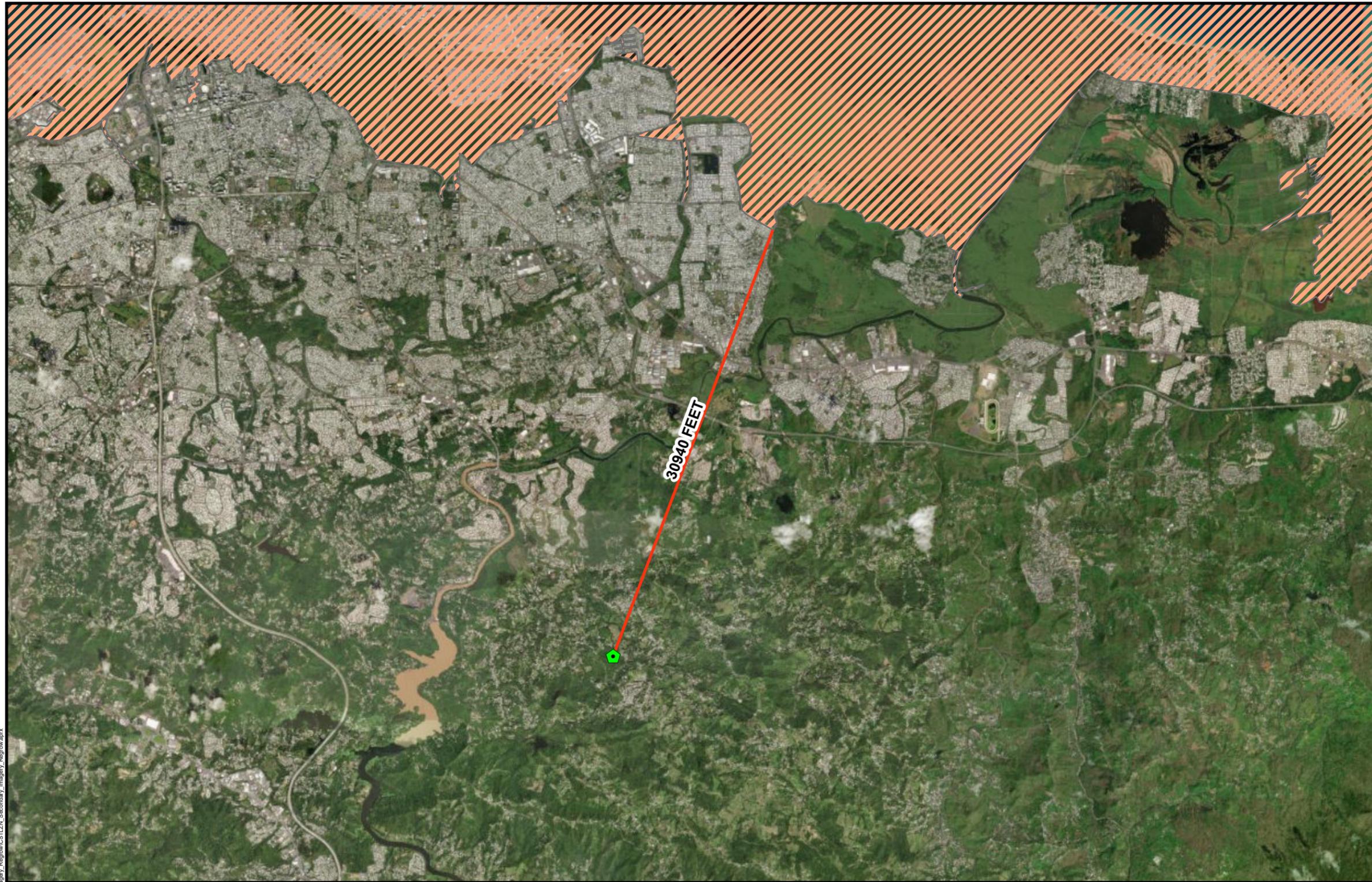
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024





Legend

-  Project Parcel
-  Coastal Zone Management Boundary

Distance to Nearest Coastal Zone:
30940 Feet

PUERTO RICO



**Figure 7: COASTAL ZONE MANAGEMENT
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

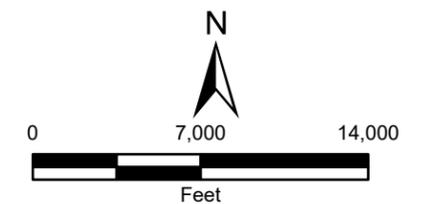
Name of Development: Sunrise Living Real State LLC

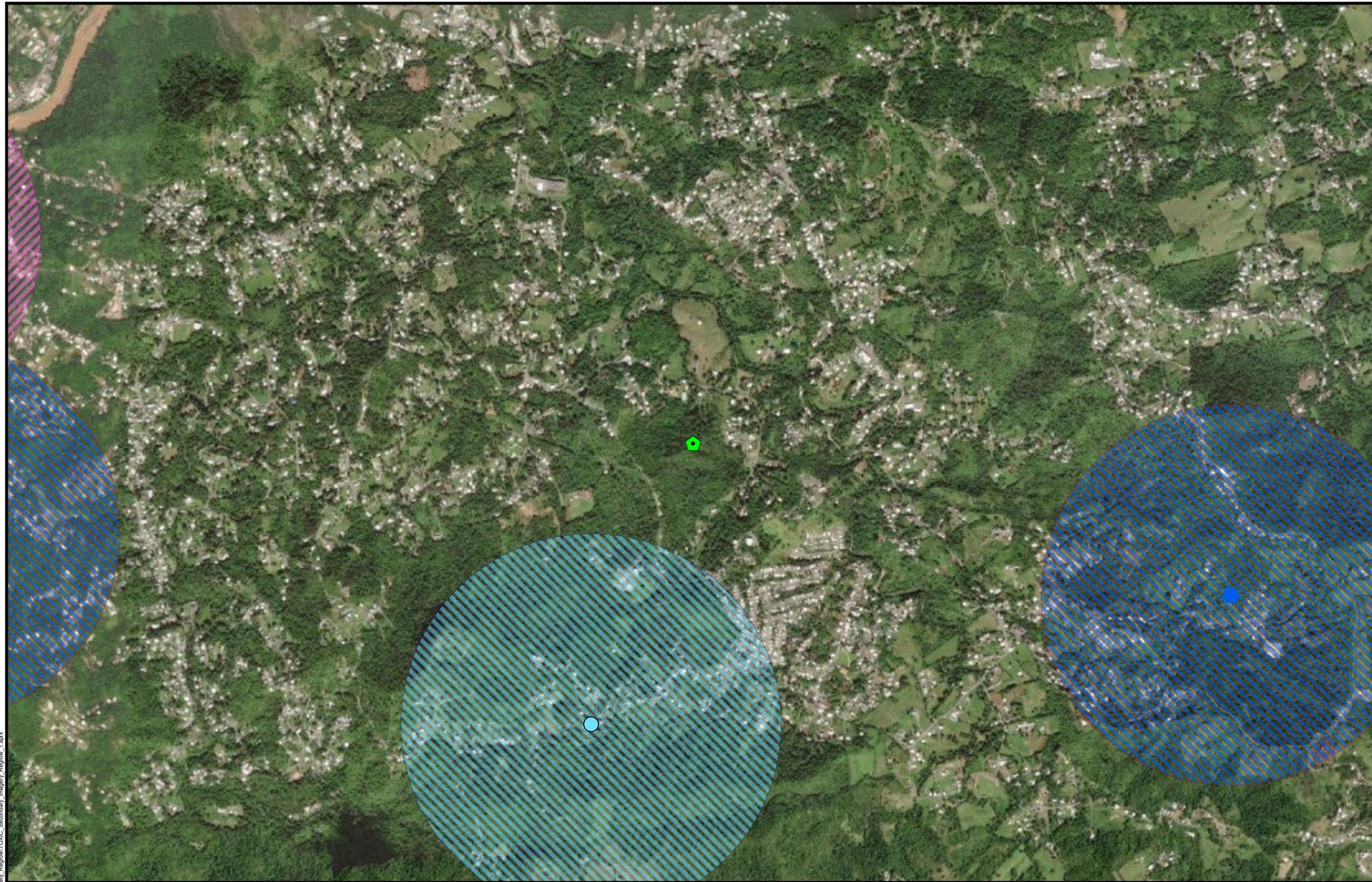
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 10/17/2023





- Legend**
- Project Parcel
 - AIR
 - NPDES
 - RCRA
 - Toxic Release Inventory Site
 - Superfund Site
 - Brownfield Sites
 - 3000 Ft Buffer AIR
 - 3000 Ft Buffer NPDES
 - 3000 Ft Buffer TRI
 - 3000 Ft Buffer Superfund
 - 3000 Ft Buffer RCRA
 - 3000 Ft Buffer Brownfield

PUERTO RICO



Figure 8: TOXIC CHEMICALS AND GASES, HAZARDOUS MATERIALS, CONTAMINATION, AND RADIOACTIVE SUBSTANCES
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

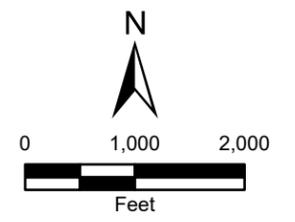
Parcel Coordinates: 18.323604, -65.981027



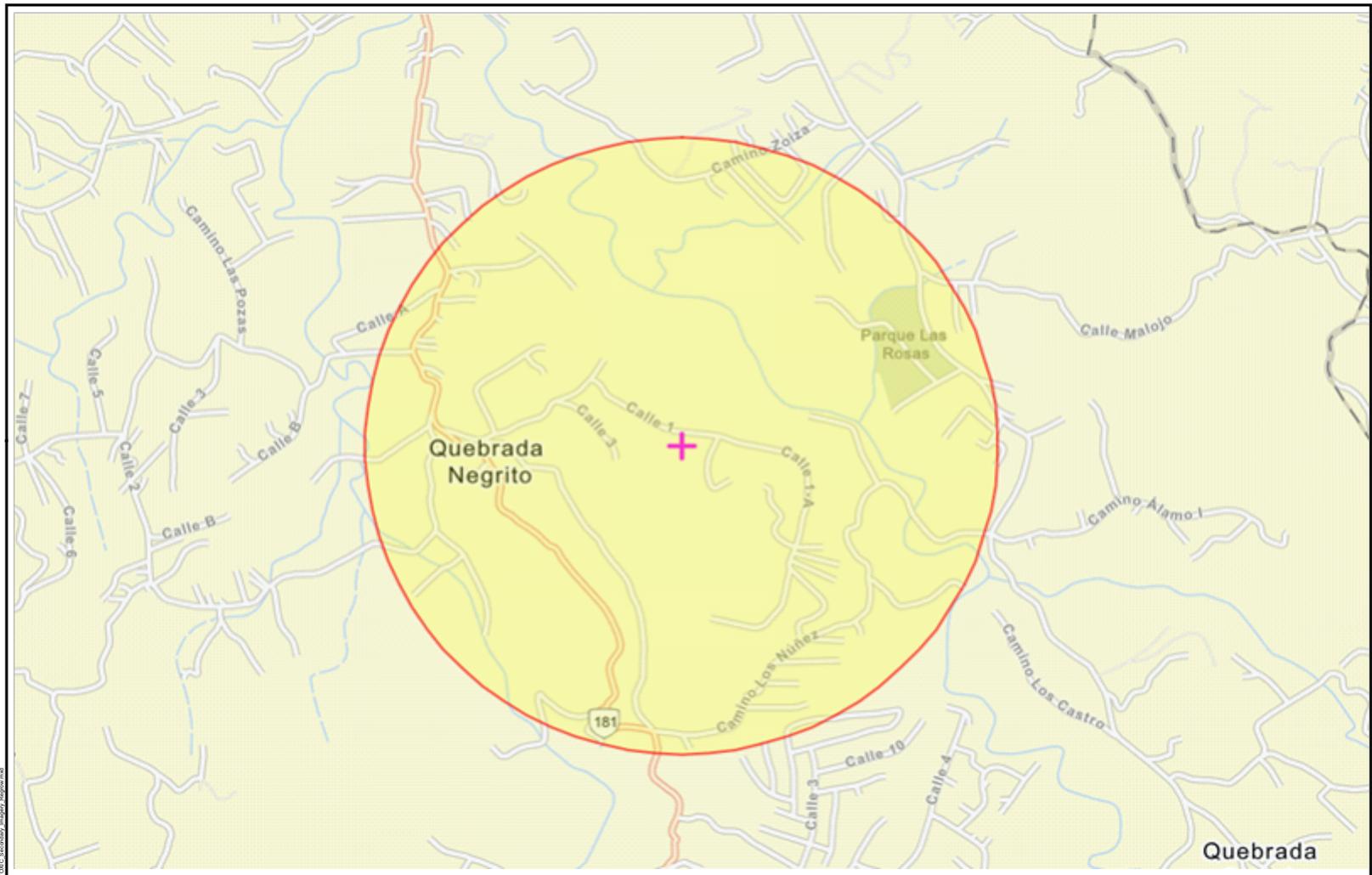
Source: E.P.A.

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

Author: JB/AK Date: 1/10/2024



File Path: Z:\data\USRT\Tier2\Region\PR\TOXIC_Secondary_Imagery_Regional_1.aprx



- Legend**
- Superfund (NPL)
 - Toxic Substances Control Act (TSCA)
 - Toxic Releases (TRI)
 - Brownfields (ACRES)
 - Hazardous Waste (RCRAInfo)
 - Water Dischargers (NPDES)
 - Air Pollution (ICIS-AIR)
 - + Project Parcel



Figure 9: NEPA Assist Map

APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

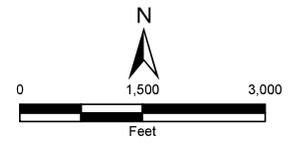
Name of Development: Sunrise Living Real State LLC

Parcel Coordinates: 18.323604, -65.981027



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

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





- Legend**
- Project Parcel
 - Parcels
 - Area of Potential Effect
 - Area of Critical Habitat

PUERTO RICO



**Figure 10: ENDANGERED SPECIES ACT
 APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

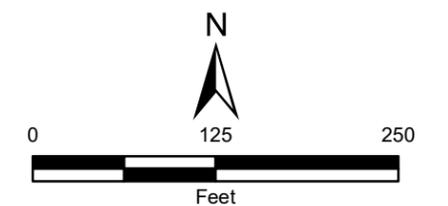
Name of Development: Sunrise Living Real State LLC

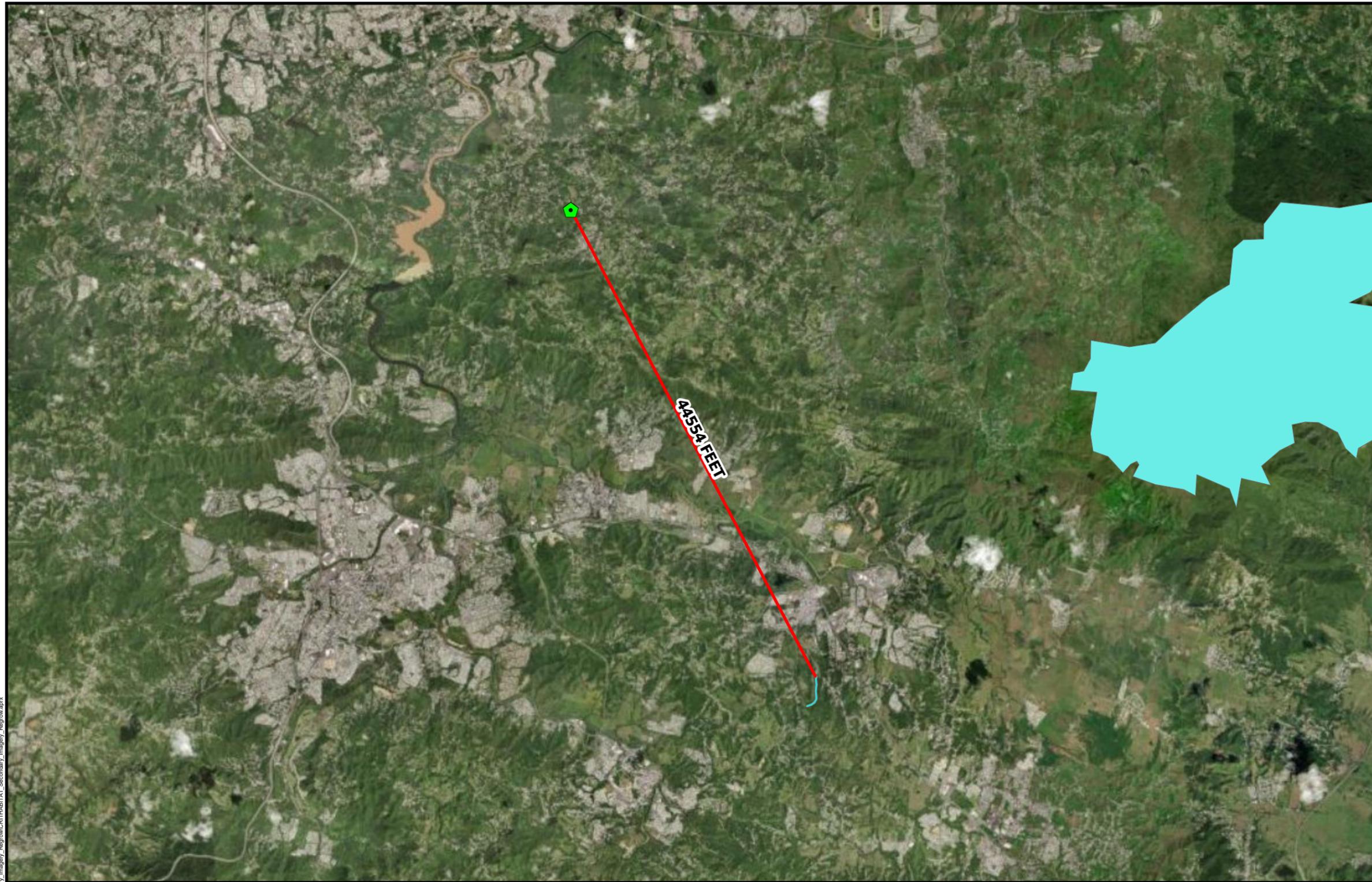
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024





- Legend**
- ◆ Project Parcel
 - Common Name**
 - Elfin-woods warbler
 - Guajon

Distance to Nearest Critical Habitat:
44554 Feet

PUERTO RICO



Figure 11: CRITICAL HABITATS
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

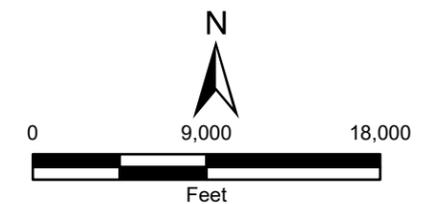
Parcel Coordinates: 18.323604, -65.981027



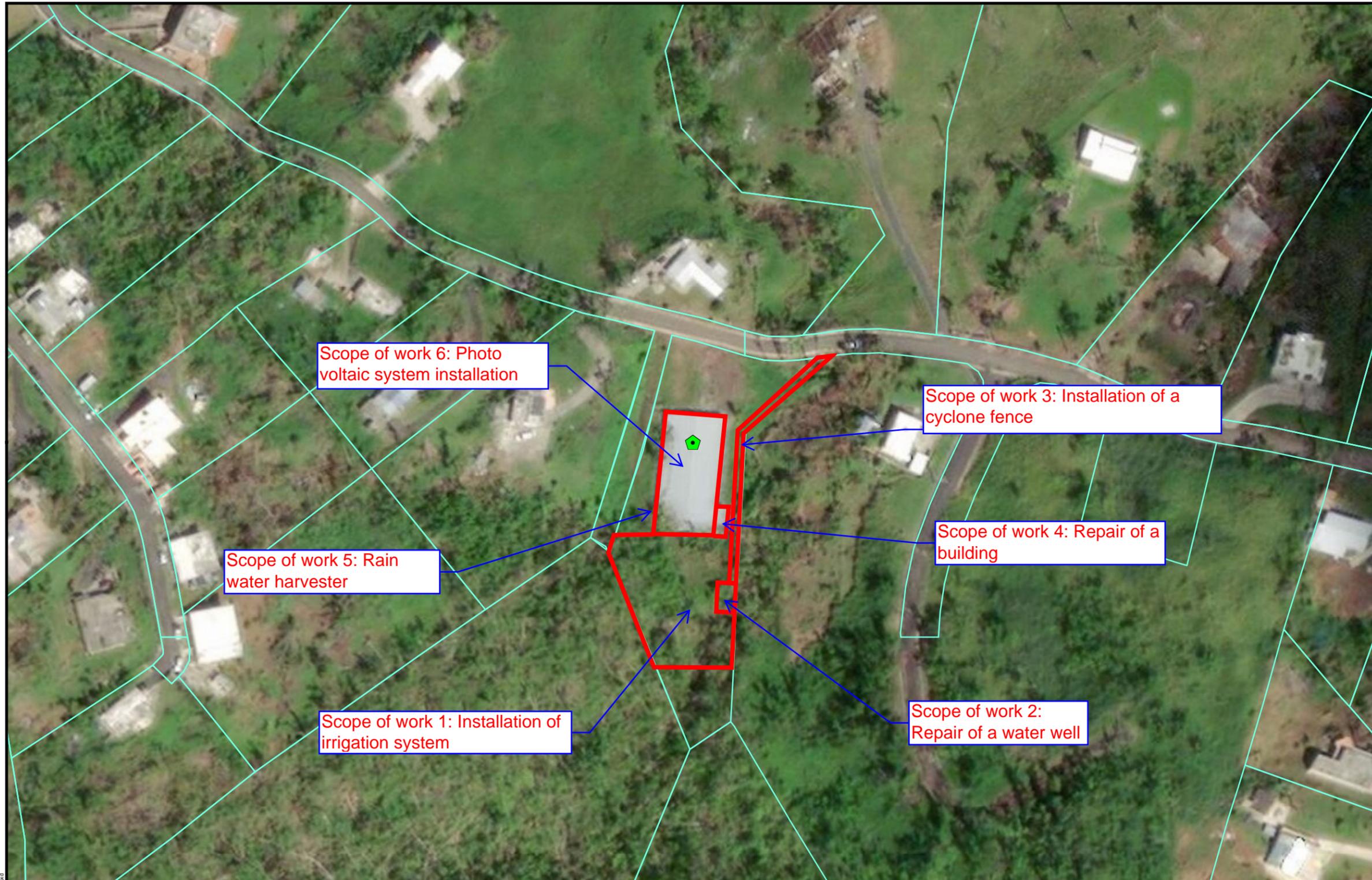
Source: U.S. FISH & WILDLIFE SERVICE
<https://ecos.fws.gov>

Author: TG

Date: 11/3/2023



File Path: Z:\data\USFWS\PR\Regrow\CRITICAL_HABITATS_Secondary_Imagery_Regrow\CRITICAL_HABITATS_Secondary_Imagery_Regrow.aprx



Legend

- ◆ Project Parcel
- Farm Class**
- All areas are prime farmland
- Farmland of statewide importance
- Farmland of statewide importance, if irrigated
- Prime farmland if drained
- Prime farmland if irrigated
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Area of Potential Effect

PUERTO RICO



Figure 12: FARMLAND PROTECTION
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

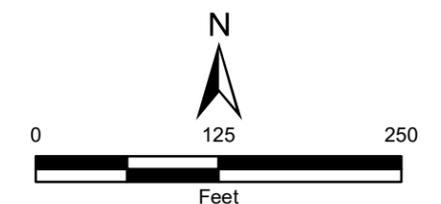
Name of Development: Sunrise Living Real State LLC

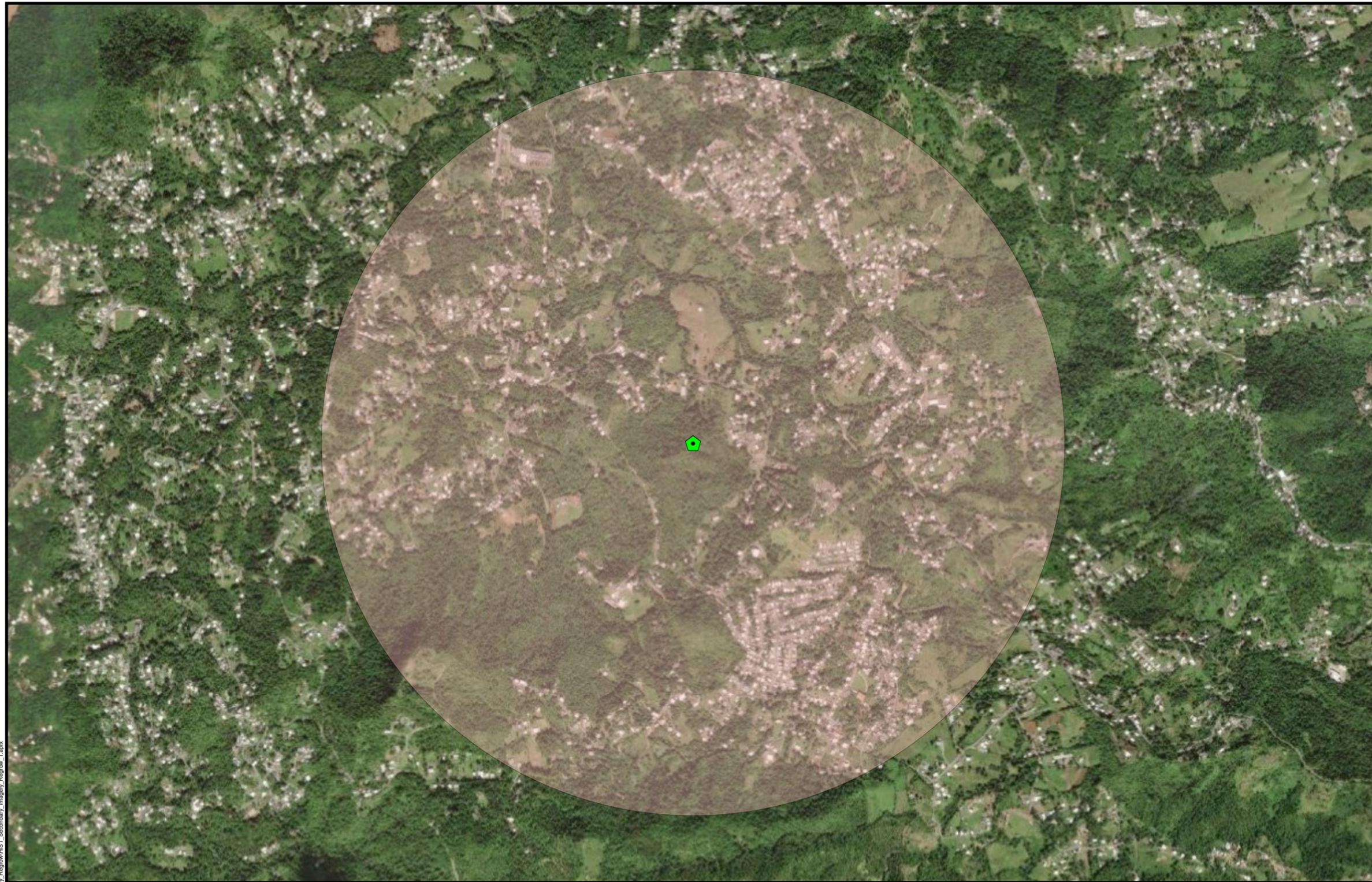
Parcel Coordinates: 18.323604, -65.981027



Source: USDA
<https://websoilsurvey.sc.egov.usda.gov>

Author: TG Date: 3/22/2024





- Legend**
-  Project Parcel
 -  Historic ICP Sites
 -  Cultural Resource Building Point
 -  Cultural Resource District Point
 -  Cultural Resource Site Point
 -  Cultural Resource Structure Point
 -  Historic Comunidades
 -  Traditional Urban Centers
 -  Cultural Resource Building Polygon
 -  Cultural Resource District Polygon
 -  Cultural Resource Site Polygon
 -  Cultural Resource Structure Polygon
 -  1 Mile Property Buffer

PUERTO RICO



**Figure 13: HISTORIC PRESERVATION
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negro Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

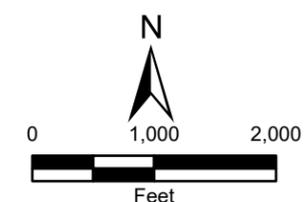
Parcel Coordinates: 18.323604, -65.981027



Source: National Park Service
<https://www.nps.gov/subjects/gisandmapping/tools-and-data.htm>

Author: TG

Date: 11/3/2023



File Path: Z:\data\USPRT\Tier2\Region\aparc\HIST_Secondary_Imagery_Regrow\HIST_Secondary_Imagery_Regrow_1.aprx



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

PUERTO RICO



Figure 14: WETLANDS
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

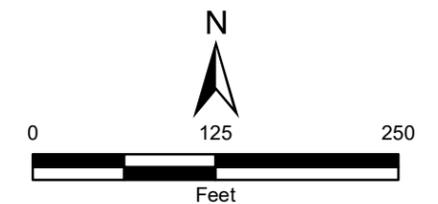
Name of Development: Sunrise Living Real State LLC

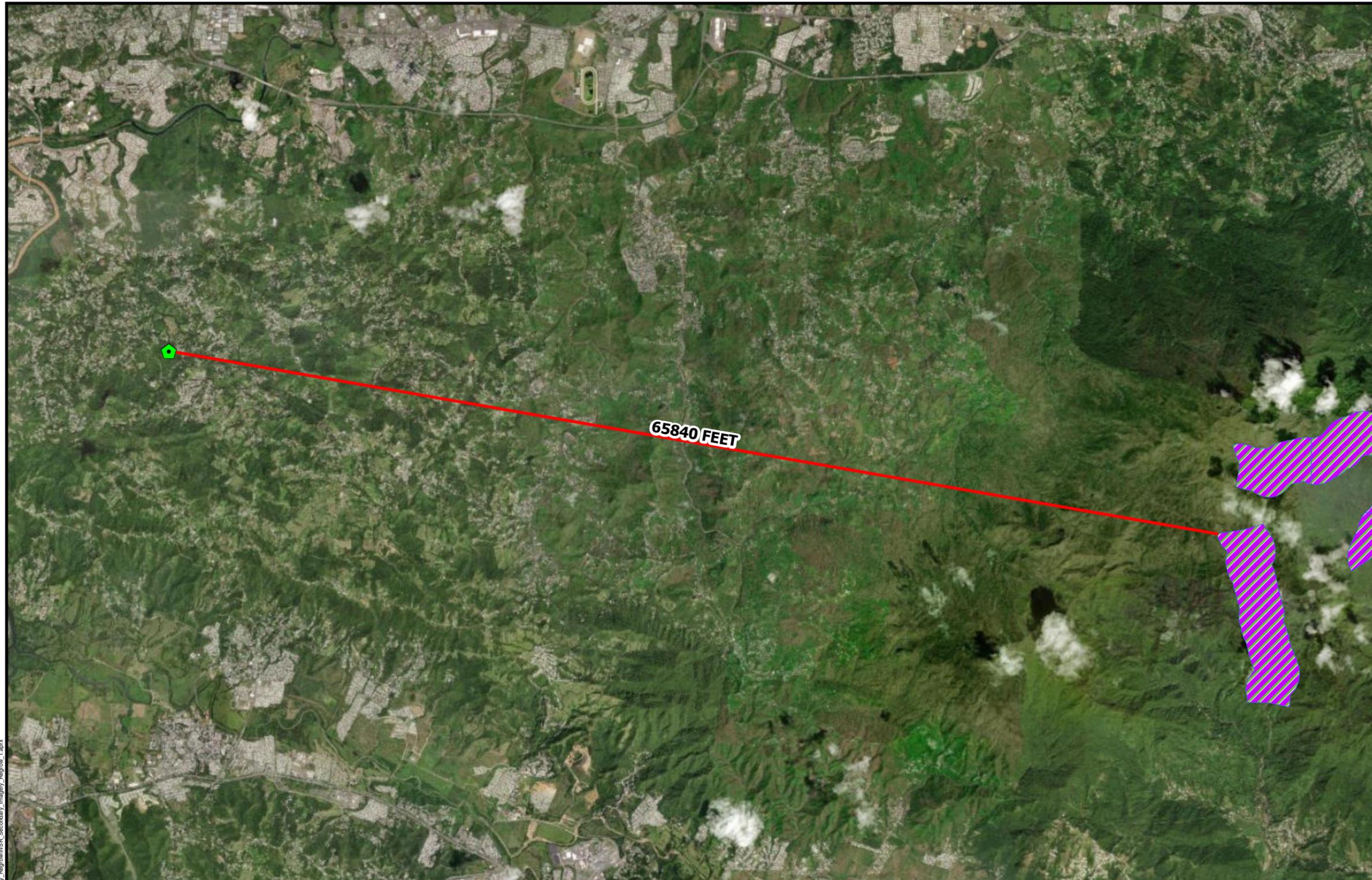
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024





Legend

-  Project Parcel
-  Wild and Scenic Rivers

Distance to Nearest Wild and Scenic River: 65840 Feet

PUERTO RICO



**Figure 15: WILD AND SCENIC RIVERS ACT
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

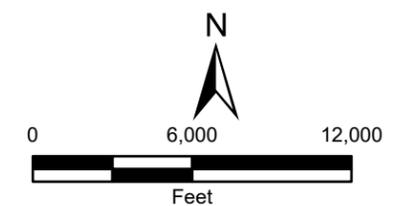
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG

Date: 10/23/2023





- Legend**
- Project Parcel
 - Parcels
 - Landslide Susceptibility**
 - Extremely High
 - Very High
 - High
 - Moderate
 - Low
 - Area of Potential Effect

PUERTO RICO



**Figure 16: SLOPE AND EROSION
 APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

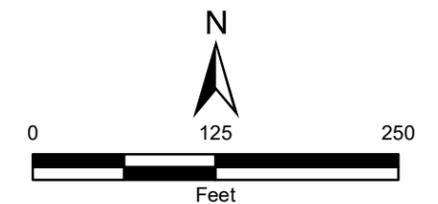
Name of Development: Sunrise Living Real State LLC

Parcel Coordinates: 18.323604, -65.981027



Source: PRDOH
<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=10506ecc7f15491daee17647f19248ee>

Author: TG Date: 3/22/2024



File Path: Z:\external\USRT\Final\SLUDE_Secundary_Imagery\2_8_2024.mxd



- Legend**
- ◆ Project Parcel
 - Streamflow and Recharge Source Zones
 - Sole Source Aquifer
 - Biscayne Aquifer SSA

Distance to Nearest Aquifer:
5,487,732 FT

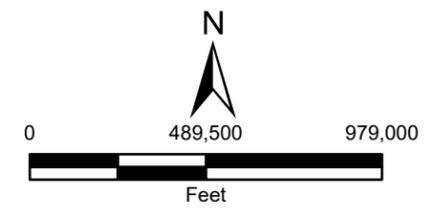
PUERTO RICO



Source: USGS
<https://catalog.data.gov/dataset/epa-sole-source-aquifers>
 Author: TG Date: 2/27/2024

Figure 17: SOLE SOURCE AQUIFERS
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976
Name of Development: Sunrise Living Real State LLC
Parcel Coordinates: 18.323604, -65.981027



APPENDIX C

Additional Information



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

Data is current as of February 29, 2024

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:

PUERTO RICO

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	1112131415161718192021222324	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		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	18192021222324	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18192021222324	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	52,441	72/137

Important Notes

EJScreen Community Report

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

Trujillo Alto Municipio, PR

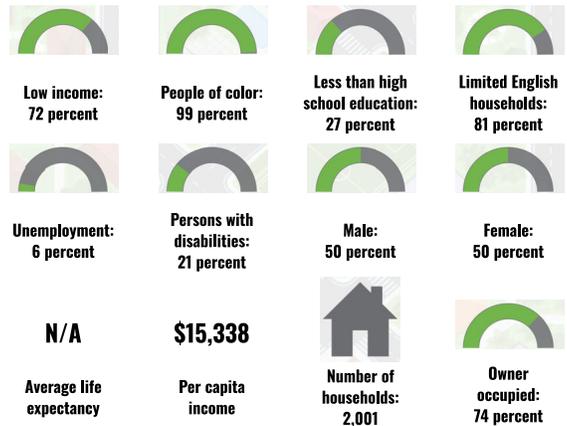
1 mile Ring around the Area
Population: 6,234
Area in square miles: 3.37

A3 Landscape



April 5, 2024
PR-RGRW-00746
Search Result (point)
1:2,257
0 0.03 0.06 0.12 0.17 mi
0 0.04 0.09 0.17 km
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, ICF

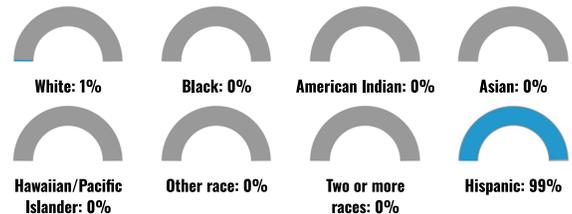
COMMUNITY INFORMATION



LANGUAGES SPOKEN AT HOME

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

BREAKDOWN BY RACE



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.

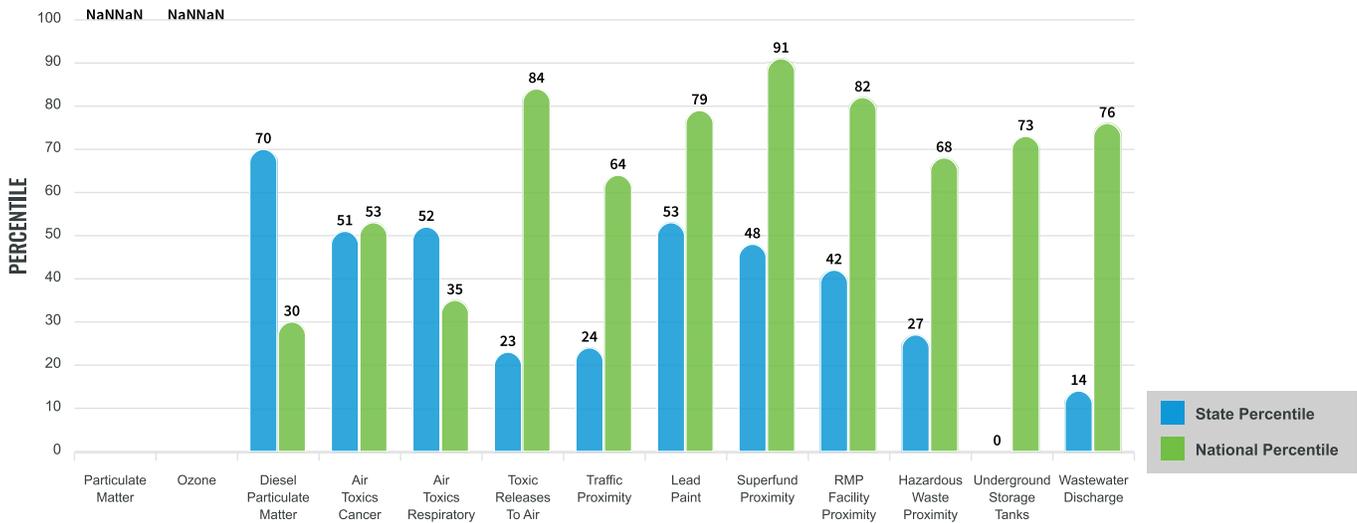
Environmental Justice & Supplemental Indexes

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.

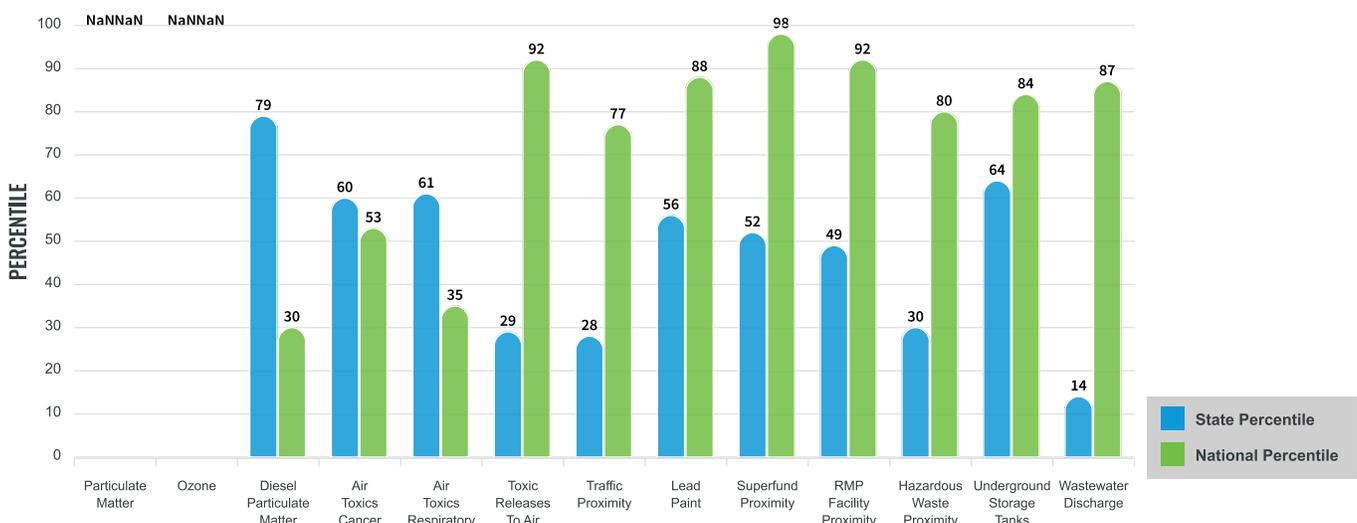
EJ INDEXES FOR THE SELECTED LOCATION



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.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



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 around the Area

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	N/A	N/A	N/A	8.08	N/A
Ozone (ppb)	N/A	N/A	N/A	61.6	N/A
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.065	0.0667	66	0.261	6
Air Toxics Cancer Risk* (lifetime risk per million)	20	20	15	25	5
Air Toxics Respiratory HI*	0.2	0.19	17	0.31	4
Toxic Releases to Air	340	4,300	22	4,600	40
Traffic Proximity (daily traffic count/distance to road)	21	180	24	210	25
Lead Paint (% Pre-1960 Housing)	0.1	0.16	53	0.3	35
Superfund Proximity (site count/km distance)	0.077	0.15	47	0.13	58
RMP Facility Proximity (facility count/km distance)	0.14	0.47	41	0.43	42
Hazardous Waste Proximity (facility count/km distance)	0.14	0.76	26	1.9	27
Underground Storage Tanks (count/km ²)	0.62	1.7	64	3.9	41
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00019	2.3	15	22	35
SOCIOECONOMIC INDICATORS					
Demographic Index	85%	83%	43	35%	97
Supplemental Demographic Index	47%	43%	54	14%	99
People of Color	99%	96%	24	39%	96
Low Income	72%	70%	43	31%	94
Unemployment Rate	6%	15%	30	6%	66
Limited English Speaking Households	80%	67%	74	5%	99
Less Than High School Education	27%	21%	67	12%	89
Under Age 5	4%	4%	67	6%	46
Over Age 64	19%	22%	40	17%	65
Low Life Expectancy	N/A	N/A%	N/A	20%	N/A

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

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	0
Air Pollution	1
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	1
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 1 mile Ring around the Area

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	N/A	N/A	20%	N/A
Heart Disease	N/A	N/A	N/A	6.1	N/A
Asthma	N/A	N/A	N/A	10	N/A
Cancer	N/A	N/A	N/A	6.1	N/A
Persons with Disabilities	20.1%	21.6%	40	13.4%	86

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	N/A	N/A	N/A	12%	N/A
Wildfire Risk	N/A	N/A	N/A	14%	N/A

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	22%	32%	33	14%	78
Lack of Health Insurance	10%	7%	83	9%	67
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	No	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for 1 mile Ring around the Area

APPENDIX D
Endangered Species

From: [Caribbean ES, FW4](#)
To: [environmentcdbg](#)
Subject: Re: [EXTERNAL] USFWS Endangered Species Concurrence Consultation_CDBG-DR_PR-RGRW-00746
Date: Monday, August 19, 2024 9:10:10 AM
Attachments: [image003.png](#)
Importance: High

Good Morning

The Service acknowledge receipt the Dkey NLAA Concurrence letter (Project code: 2024-0050474) for the project named CDBG-DR PR-RGRW-00746 – Sunrise Living Real State LLC, Trujillo Alto. No further consultation is required. Keep this email for your records.

Thanks

Caribbean Ecological Services Field Office
(786) 244-0081
caribbean_es@fws.gov

For project evaluations, please visit our [Consultation Guidelines](#) website.

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, August 6, 2024 11:06 AM
To: Caribbean ES, FW4 <Caribbean_ES@fws.gov>; Mena, Lourdes <Lourdes_Mena@fws.gov>
Subject: [EXTERNAL] USFWS Endangered Species Concurrence Consultation_CDBG-DR_PR-RGRW-00746

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

To whom it may concern:

In order to complete the environmental review process regarding the case **PR-RGRW-00746** for the CDBG-DR Re-Grow PR Urban-Rural Agriculture Program, we are requesting USFWS concurrence with the determinations included in the attached letter.

We look forward for your response in order to move forward our environmental review process.

Sincerely,

Permits and Environmental Compliance Division
Disaster Recovery Office

environmentcdbg@vivienda.pr.gov | 787.274.2527

Visit us: recuperacion.pr.gov

Contact us: infocdbg@vivienda.pr.gov

DEPARTAMENTO DE LA
VIVIENDA



NOTA DE CONFIDENCIALIDAD: Esta transmisión electrónica contiene información perteneciente al Departamento de Vivienda de Puerto Rico, la cual es confidencial y / o privilegiada legalmente. Si usted no es el destinatario previsto, informe inmediatamente al remitente por correo electrónico de respuesta o por teléfono que este mensaje se le ha transmitido inadvertidamente y elimine este correo electrónico de su sistema. Si ha recibido esta transmisión por error, por la presente se le notifica que cualquier divulgación, copia, distribución o cualquier acción basada en el contenido de la información está estrictamente prohibida. El uso, difusión, distribución o reproducción no autorizados de este mensaje por personas que no sean el destinatario previsto está estrictamente prohibido y puede ser ilegal.

CONFIDENTIALITY NOTE: This electronic transmission contains information belonging to the Puerto Rico Housing Department, which is confidential and/or legally privileged. If you are not the intended recipient, please immediately advise the sender by reply e-mail or telephone that this message has been inadvertently transmitted to you and delete this e-mail from your system. If you have received this transmission in error, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of the information is strictly prohibited. Unauthorized use, dissemination, distribution or reproduction of this message by other than the intended recipient is strictly prohibited and may be unlawful. 2

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>



August 5, 2024

Lourdes Mena
Field Supervisor
Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
Office Park I, Suite 303
State Road #2 Km 156.5
Mayagüez, Puerto Rico 00680
Email: Caribbean_es@fws.gov; Lourdes.Mena@fws.gov

**RE: Puerto Rico Department of Housing / Re-Grow Program
PR-RGRW-00746 – Sunrise Living Real State LLC
Endangered Species Concurrence for NLAA Determination**

Dear Ms. Mena:

The Puerto Rico Department of Housing (PRDOH) is requesting an informal consultation under Section 7 (a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the proposed project PR-RGRW-00746, located at PR-181 Road Km 53.2 Interior, Quebrada Negrito Ward, Gateway Hills Sector, Street #1, Trujillo Alto, PR 00976 (Parcel ID# 145-053-230-08-000).

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

The proposed project, PR-RGRW-00746, has six scopes of work (SOW) planned within the parcel. SOW #1 is for the installation of an irrigation system at coordinates 18.3230785, -65.9812364. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the future plantations. This system would consist of a PVC pipe system above ground to supply water and nutrients to the roots drop-by-drop. No ground disturbance will be required for the installation of the irrigation system.

SOW #2 is for the repair activities of the existing water well located at coordinates 18.3231972, -65.9809256. The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well. No ground disturbance is anticipated as part of SOW #2.

SOW #3 is for the construction of a 450 linear foot cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of a post every 10 feet, for approximately total of 45 posts, 8 feet height each, at an approximate depth of 2 feet and a diameter of 2 inches. No concrete base is needed.

SOW #4 is for the repair and retrofit of an existing addition to the large building, with an estimated date of construction ca.1985, located at coordinates 18.3233958, -65.9809306. The building is a 24-foot (L) x 11-foot (W) x 20-foot (H) structure planned to be used as storage for farm supplies and equipment. The repairs consist in the installation of missing roof area, including supporting beams and the galvalume roof, installation of windows and rolling doors. No ground disturbance is anticipated for SOW #4.

SOW #5 is for the installation of a rain harvesting system on an existing ca.1985 building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection of the PVC piping system. The storage tank will be located inside the building on the concrete floor.

SOW #6 is for the purchase and installation of a photovoltaic system on an existing ca.1985 building located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing large-scale metal building. The batteries and transfer switch would be inside this building.

The proposed project area for SOW #1 consists of an overgrown grassy area, directly behind the existing building. No ground disturbance is anticipated for this area. SOW #2 is located at a pre-existing shed located south of the existing building to be repaired as part of SOW #4. No trees will be removed for this project. SOW #3 consists of a relatively flat area with some overgrown grasses. The fencing will follow the parcel boundary and runs adjacent to SOW #4, which is an existing building on the eastern side of the parcel. As stated above, SOWs #5 and #6 will take place within an existing building and require no disturbance to any vegetation.

The National Wetlands Inventory indicated that no wetlands are located within the parcel.

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

Name of the species	Threatened/Endangered/Candidate
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered
Critical Habitat	
There are no critical habitats at this location.	

Based on site review and site photos, no suitable habitat was found within the proposed project area for the Puerto Rican Boa.

The Puerto Rican Boa habitat requirements per the U.S. Fish and Wildlife Service are as follows: "The Puerto Rican boa is considered a habitat generalist and tolerates a wide variety of habitat types (terrestrial and arboreal). These include: rocky areas and haystack hills, trees and branches, rotting stumps, caves (entrances and inside), plantations, various types of forested areas such as karst and mangrove forests, forested urban and rural areas, and along streams and road edges. Cave ecosystems and their surrounding forests are considered particularly important because of the availability of such ecological resources such as prey, shelter, thermal gradients, and mates for reproduction."

Based on the nature of the project, previous site disturbance, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, we have made the following effects determinations:

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Not Likely to Adversely Affect (NLAA)	USFWS Puerto Rican Boa Conservation Measures 2024

Given the current land use, lack of suitable habitat, and frequent disturbance, PRDOH has determined that the project is "Not Likely to Adversely Affect" the listed species provided the attached Conservation Measures are implemented as part of the proposed project. The automated informal consultation process was completed on August 1st through USFWS Information for Planning and Consultation website (<https://ipac.ecosphere.fws.gov/>).

In order to complete the informal consultation process, we are requesting your concurrence for the NLAA determination included in this letter. Attached to this letter, we are including the documents used to reach our effect determinations for the listed species.

For any questions or clarifications, please do not hesitate to contact us at the information below.

Thank you in advance for your consideration of this issue.

Sincerely,



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

Attachments:

Appendix A:

Figure 1 – Project Location Map

Figure 2 – Area of Potential Effect Map

Figure 3 – Wetland Map

Figure 4 – Endangered Species Map

Figure 5 – Critical Habitats Map

Figure 6 – Farmland Protection Map

Appendix B: Species List Caribbean Ecological Services and Consistency Letter SOW-1 & 2

Appendix C: Species List Caribbean Ecological Services and Consistency Letter SOW-3 & 4

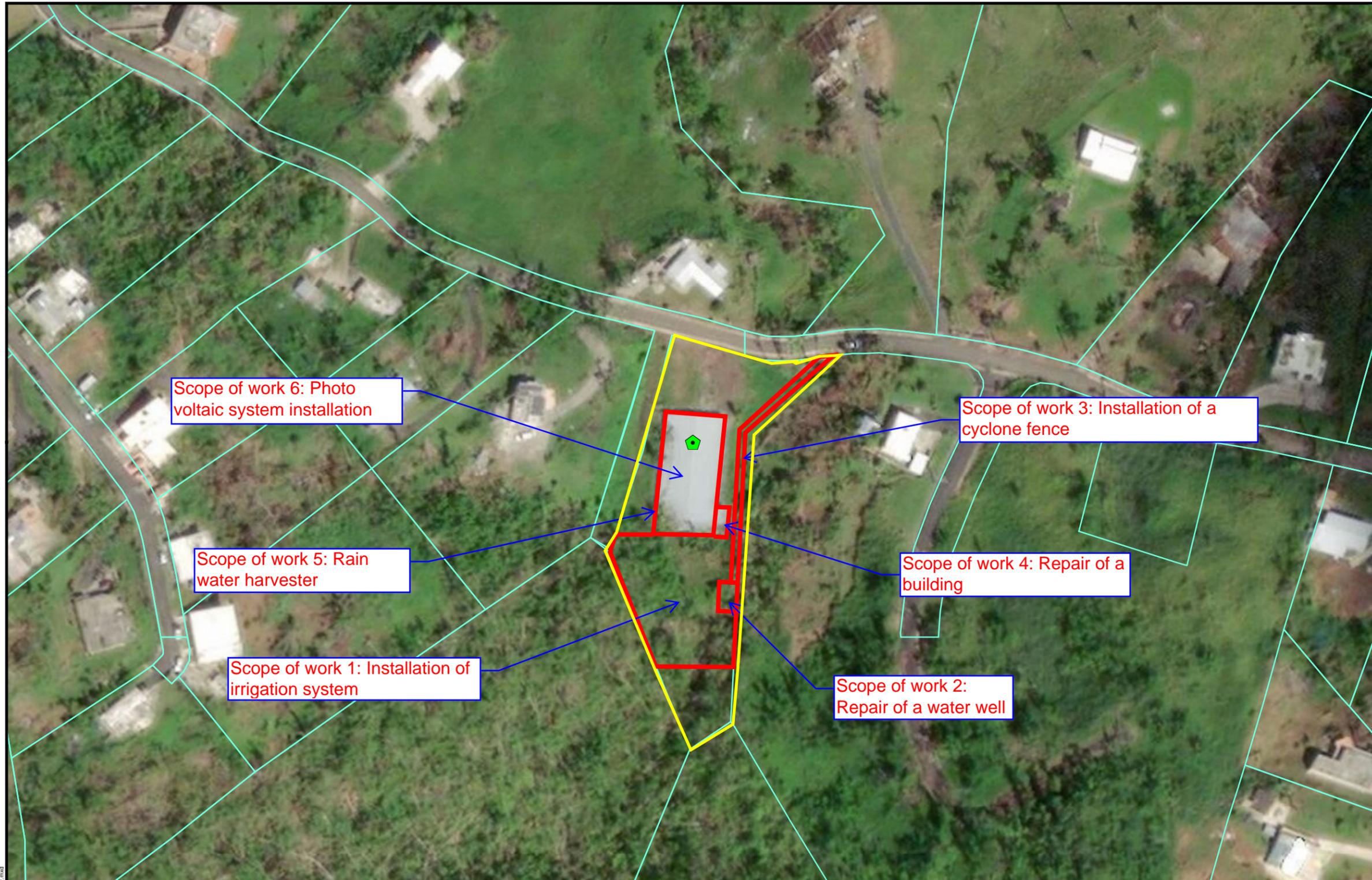
Appendix D: Species List Caribbean Ecological Services and Consistency Letter SOW-5 & 6

Appendix E: Site Photos

Appendix F: USFWS Puerto Rican Boa Conservation Measures 2024

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

Appendix A: Figures



- Legend**
- Project Parcel
 - Parcels
 - Area of Potential Effect
 - Project Parcel Boundaries

PUERTO RICO



Figure 1: PROJECT LOCATION
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

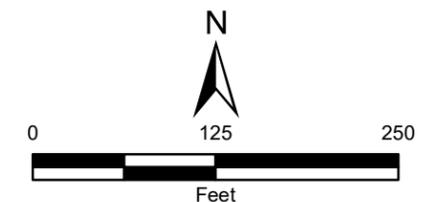
Name of Development: Sunrise Living Real State LLC

Parcel Coordinates: 18.323604, -65.981027



Source: CRIM
<https://catastro.crimpr.net/cdprpc/>

Author: TG Date: 3/22/2024

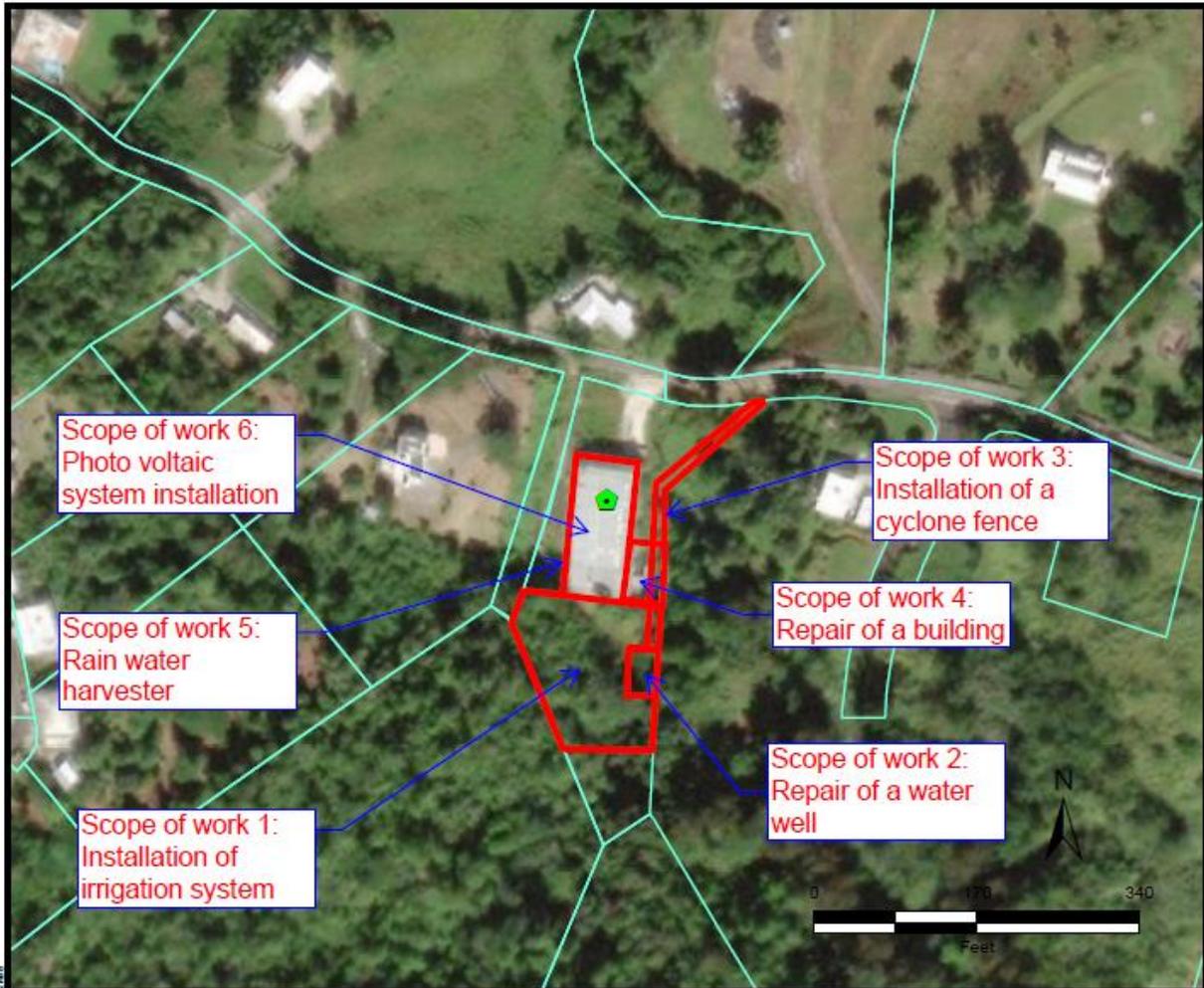


Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

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



Source: CRIM

Author: TG

Date: 2/7/2024

Legend

- Tier 2 Site
- Area of Potential Effect
- Parcelario





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

PUERTO RICO



WETLANDS
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

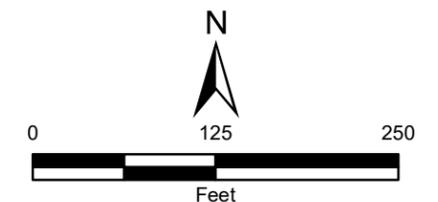
Name of Development: Sunrise Living Real State LLC

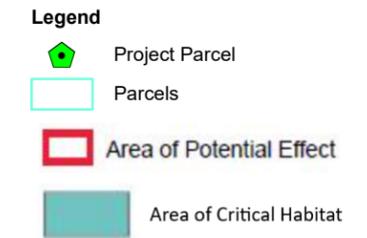
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024





PUERTO RICO



**ENDANGERED SPECIES ACT
 APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

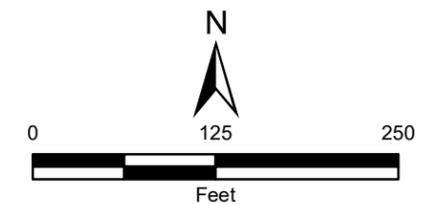
Name of Development: Sunrise Living Real State LLC

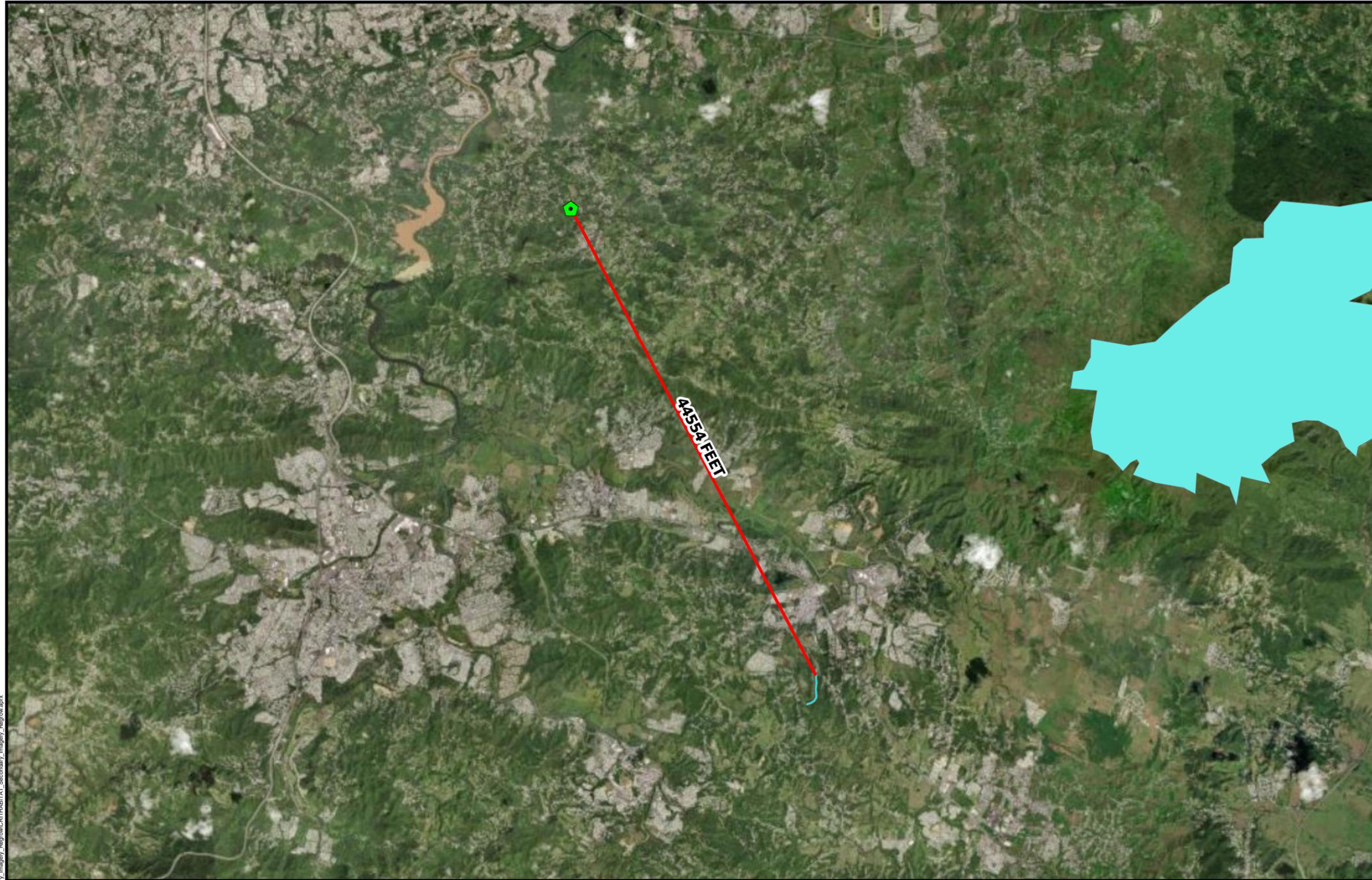
Parcel Coordinates: 18.323604, -65.981027



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

Author: TG Date: 3/22/2024





- Legend**
-  Project Parcel
 - Common Name**
 -  Elfin-woods warbler
 -  Guajon

Distance to Nearest Critical Habitat:
44554 Feet

PUERTO RICO



CRITICAL HABITATS
APPLICANT ID: PR-RGRW-00746

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

Name of Development: Sunrise Living Real State LLC

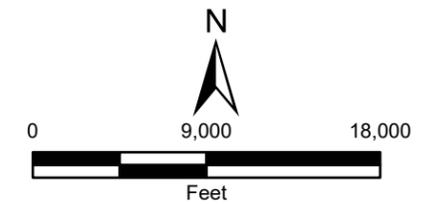
Parcel Coordinates: 18.323604, -65.981027



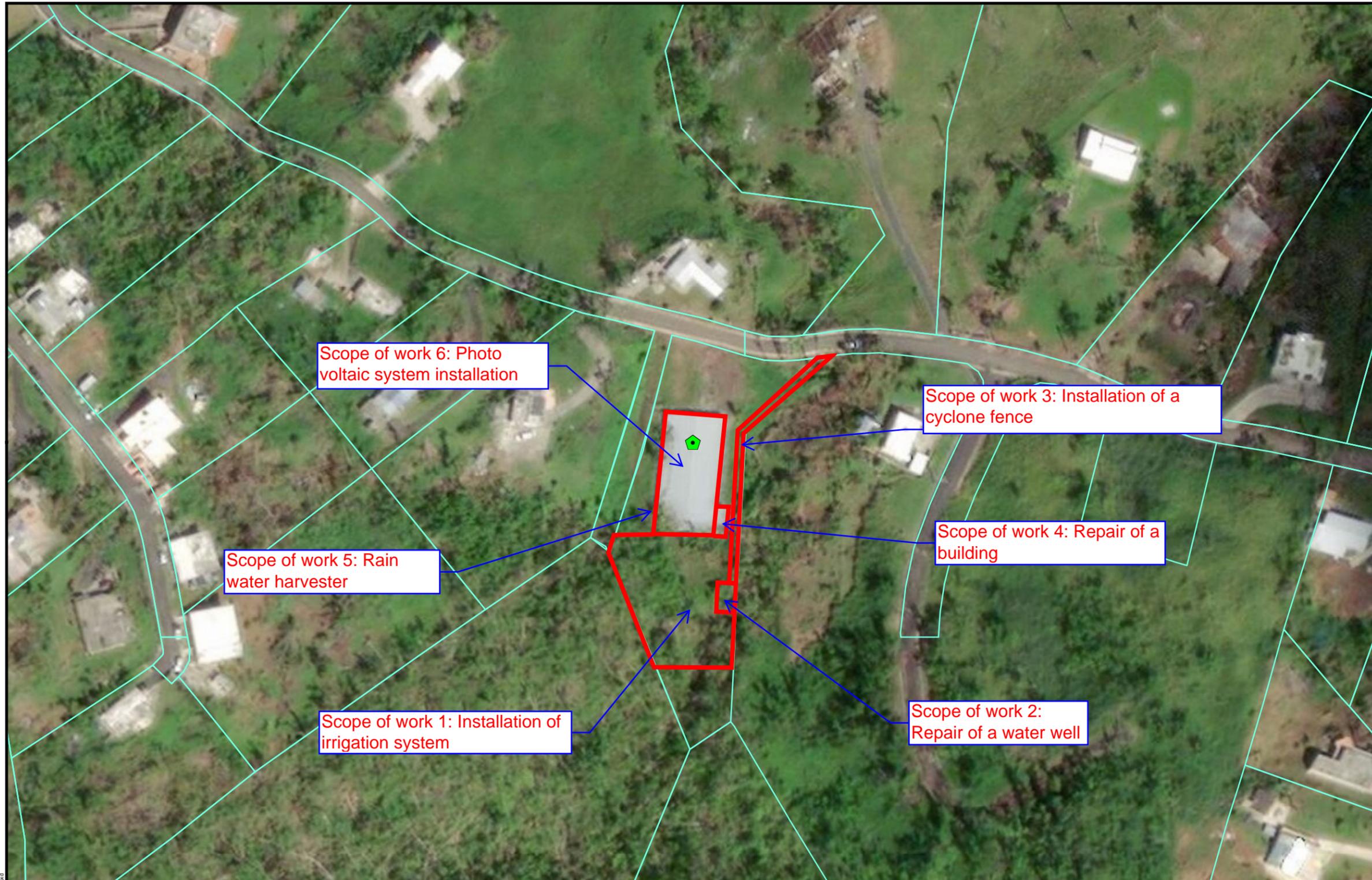
Source: U.S. FISH & WILDLIFE SERVICE
<https://ecos.fws.gov>

Author: TG

Date: 11/3/2023



File Path: Z:\data\USFWS\PR\Regrow\CRITICAL_HABITATS_Secondary_Imagery_Regrow\CRITICAL_HABITATS_Secondary_Imagery_Regrow.aprx



Legend

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

PUERTO RICO



**FARMLAND PROTECTION
APPLICANT ID: PR-RGRW-00746**

ADDRESS: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, PR 00976

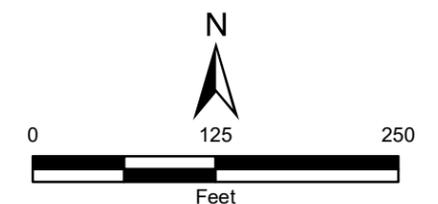
Name of Development: Sunrise Living Real State LLC

Parcel Coordinates: 18.323604, -65.981027



Source: USDA
<https://websoilsurvey.sc.egov.usda.gov>

Author: TG Date: 3/22/2024



Appendix B:
Species List Caribbean Ecological Services and Consistency Letter
SOW-1 & 2



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 14:46:03 UTC

Project Code: 2024-0050474

Project Name: PR-RGRW-00746 SOW 1 & 2

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

(939) 320-3135

PROJECT SUMMARY

Project Code: 2024-0050474

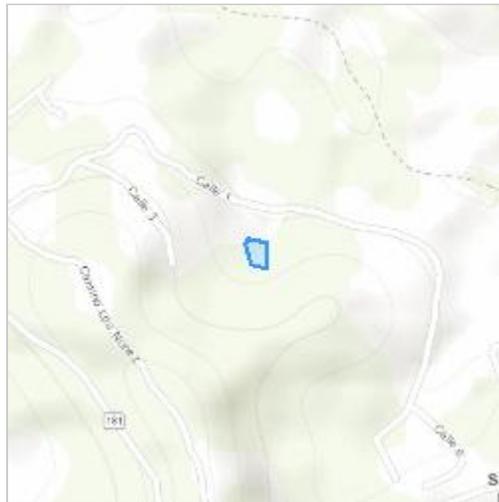
Project Name: PR-RGRW-00746 SOW 1 & 2

Project Type: Restoration / Enhancement - Agricultural

Project Description: The Scope of Work 1 (SOW-1) is the installation of an irrigation system at coordinates 18.3230785, -65.9812364. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations. The Scope of Work 2 (SOW-2) is the repairs activities of the existing water well located at coordinates 18.3231972, -65.9809256. The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well. No ground disturbance is anticipated as part of the SOW.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323067299999998,-65.98105433895205,14z>



Counties: Trujillo Alto County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

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

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

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

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

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

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/535Z4Y7RP5B7TFWS6P4G2GF7MY/documents/generated/7159.pdf	Endangered

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

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: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetratech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 15:17:51 UTC

Project code: 2024-0050474

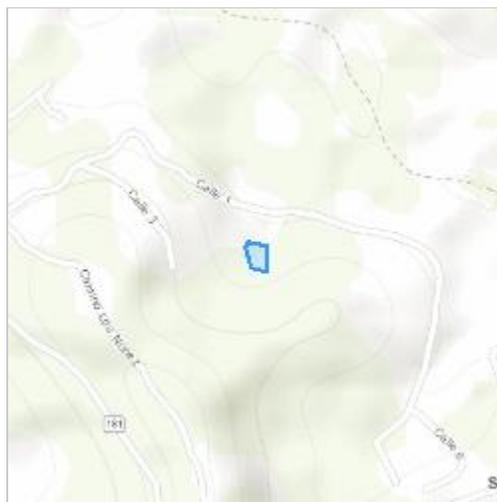
Project Name: PR-RGRW-00746 SOW 1 & 2

Subject: Concurrence letter for the project named 'PR-RGRW-00746 SOW 1 & 2' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On August 01, 2024, Shelby McDowell used the Caribbean DKey; dated April 03, 2024, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-RGRW-00746 SOW 1 & 2'. The project is located in Trujillo Alto County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323067299999998,-65.98105433895205,14z>



The following description was provided for the project 'PR-RGRW-00746 SOW 1 & 2':

The Scope of Work 1 (SOW-1) is the installation of an irrigation system at coordinates 18.3230785, -65.9812364. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations. The Scope of Work 2 (SOW-2) is the repairs activities of the existing water well located at coordinates 18.3231972, -65.9809256. The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well. No ground disturbance is anticipated as part of the SOW.

Based on your answers and the assistance of the Service’s Caribbean DKey, you made the following effect determination(s) for the proposed Action:

Species	Listing Status	Determination
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered	NLAA

Based on the answers provided in IPaC, the proposed project is consistent with a “may affect but is not likely to adversely affect” (NLAA) for the species listed above because your project impacts to the species will be avoided or minimized using the **Conservation Measures** you agreed to implement. These conservation measures must be implemented during the project development to ensure compliance with Section 7(a)(2) of the ESA.

No further action is required for the species listed above. However, be aware that reinitiation of consultation may be necessary if later modifications are made to the project so that it no longer meets the criteria or outcome described above, or if new information reveals effects of the action that could affect listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for federally listed species in the Caribbean. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the Caribbean Ecological Services Field Office to apply local knowledge to evaluate the Action, as we may identify a small subset of actions having unanticipated impacts. In such instances, the Caribbean Ecological Services Field Office may request additional information to verify the effects determination reached through the DKey.

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

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

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

Action Description

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

1. Name

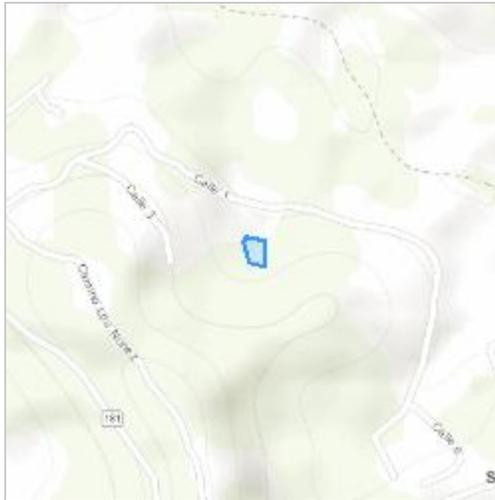
PR-RGRW-00746 SOW 1 & 2

2. Description

The following description was provided for the project 'PR-RGRW-00746 SOW 1 & 2':

The Scope of Work 1 (SOW-1) is the installation of an irrigation system at coordinates 18.3230785, -65.9812364. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations. The Scope of Work 2 (SOW-2) is the repairs activities of the existing water well located at coordinates 18.3231972, -65.9809256. The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well. No ground disturbance is anticipated as part of the SOW.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323067299999998,-65.98105433895205,14z>



QUALIFICATION INTERVIEW

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

No

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

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

No

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

No

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

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

No

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

No

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

No

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

No

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

No

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

No

10. Is the proposed project adjacent or within a forested area?

Note: Examples of immediately adjacent to forested areas are rock walls and haystack hills (“mogotes”), wet montane forest, lowland wet forest, remnant coastal, mangrove forest, damp and dry limestone karst forests, pastureland with patches of exotic trees.

No

11. Is the proposed project an existing facility or the expansion of an existing facility within the footprint of the already developed area?

Yes

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

Automatically answered

Yes

13. Will the proposed project implement the U.S. Fish and Wildlife [Puerto Rican boa Conservation Measures](#)?

Yes

14. Are you the Federal agency or designated non-federal representative for the proposed action?

Yes

IPAC USER CONTACT INFORMATION

Agency: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetrattech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

Appendix C:
Species List Caribbean Ecological Services and Consistency Letter
SOW-3 & 4



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 15:44:52 UTC

Project Code: 2024-0050496

Project Name: PR-RGRW-00746 SOW 3 & 4

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

(939) 320-3135

PROJECT SUMMARY

Project Code: 2024-0050496

Project Name: PR-RGRW-00746 SOW 3 & 4

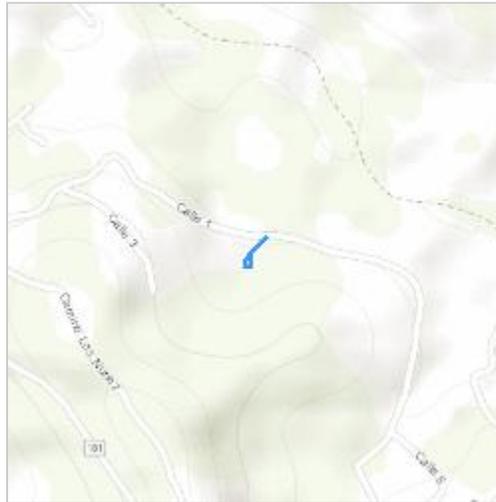
Project Type: Restoration / Enhancement - Agricultural

Project Description: The Scope of Work 3 (SOW-3) is the construction of 450 linear foot of cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of an 8 ft metal post at an approximate depth of 2 ft.

The Scope of Work 4 (SOW-4) is the repair and retrofit of an existing building located at coordinates 18.3233958, -65.9809306. The building is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The intent use of funds includes a packaging system, labeling machine, machine filler, tractor, and a coding machine to be stored at the building.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323737,-65.98067612007571,14z>



Counties: Trujillo Alto County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

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

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

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

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

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

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4KFV4OU7LFHY7BIWLYDLKJRWWQ/documents/generated/7159.pdf	Endangered

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

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: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetrattech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 15:53:26 UTC

Project code: 2024-0050496

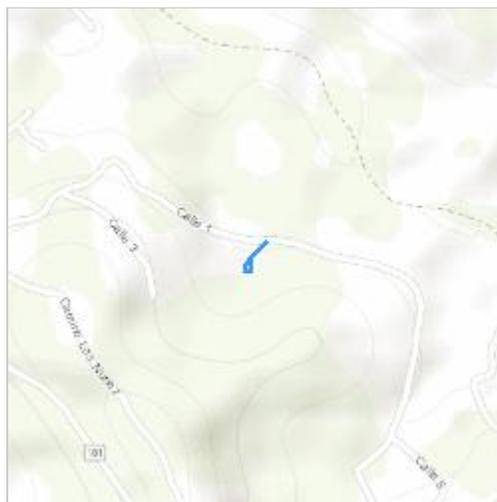
Project Name: PR-RGRW-00746 SOW 3 & 4

Subject: Consistency letter for the project named 'PR-RGRW-00746 SOW 3 & 4' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On August 01, 2024, Shelby McDowell used the Caribbean DKey; dated April 03, 2024, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-RGRW-00746 SOW 3 & 4'. The project is located in Trujillo Alto County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323737,-65.98067612007571,14z>



The following description was provided for the project 'PR-RGRW-00746 SOW 3 & 4':

The Scope of Work 3 (SOW-3) is the construction of 450 linear foot of cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of an 8 ft metal post at an approximate depth of 2 ft.

The Scope of Work 4 (SOW-4) is the repair and retrofit of an existing building located at coordinates 18.3233958, -65.9809306. The building is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The intent use of funds includes a packaging system, labeling machine, machine filler, tractor, and a coding machine to be stored at the building.

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

Species	Listing Status	Determination
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered	No effect

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

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

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

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

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

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

Action Description

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

1. Name

PR-RGRW-00746 SOW 3 & 4

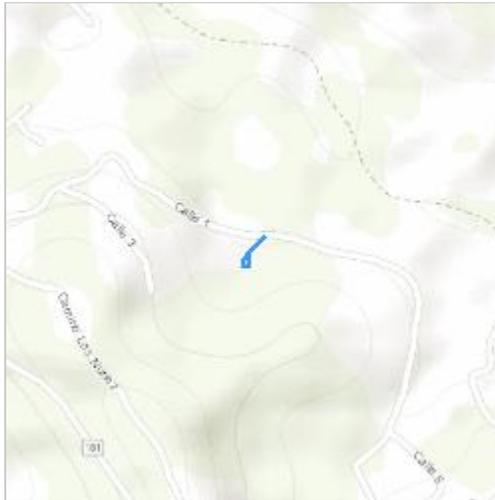
2. Description

The following description was provided for the project 'PR-RGRW-00746 SOW 3 & 4':

The Scope of Work 3 (SOW-3) is the construction of 450 linear foot of cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of an 8 ft metal post at an approximate depth of 2 ft.

The Scope of Work 4 (SOW-4) is the repair and retrofit of an existing building located at coordinates 18.3233958, -65.9809306. The building is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The intent use of funds includes a packaging system, labeling machine, machine filler, tractor, and a coding machine to be stored at the building.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.323737,-65.98067612007571,14z>



QUALIFICATION INTERVIEW

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

No

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

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

No

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

No

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

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

Yes

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

Automatically answered

Yes

IPAC USER CONTACT INFORMATION

Agency: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetrattech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

Appendix D:
Species List Caribbean Ecological Services and Consistency Letter
SOW-5 & 6



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 15:57:23 UTC

Project Code: 2024-0050508

Project Name: PR-RGRW-00746 SOW 5 & 6

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

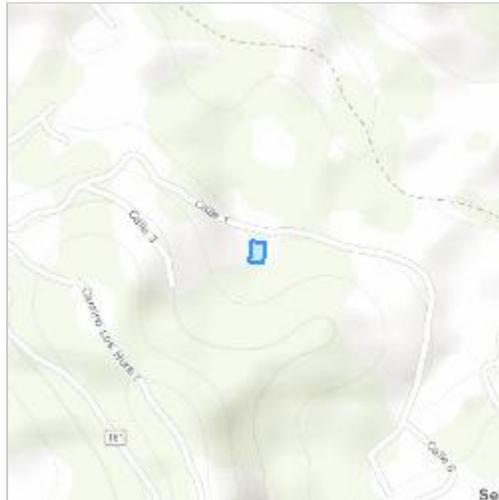
(939) 320-3135

PROJECT SUMMARY

Project Code: 2024-0050508
Project Name: PR-RGRW-00746 SOW 5 & 6
Project Type: Restoration / Enhancement - Agricultural
Project Description: The Scope of Work 5 (SOW-5) is the installation of a rain harvesting system on an existing building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building on the concrete floor. The Scope of Work 6 (SOW-6) is the purchase and installation of a photovoltaic system Photo voltaic system to be located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing structure. The batteries and transfer switch would be inside the structure.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.32352565,-65.98102607275962,14z>



Counties: Trujillo Alto County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

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

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

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

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

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

REPTILES

NAME	STATUS
Puerto Rican Boa <i>Chilabothrus inornatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6628 General project design guidelines: https://ipac.ecosphere.fws.gov/project/2MSA3Z2VZRHND63OQMMPMXVAOI/documents/generated/7159.pdf	Endangered

CRITICAL HABITATS

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

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

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

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

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

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: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetrattech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To:

08/01/2024 16:12:47 UTC

Project code: 2024-0050508

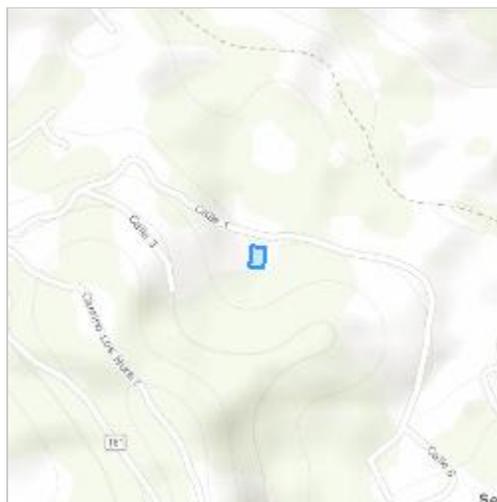
Project Name: PR-RGRW-00746 SOW 5 & 6

Subject: Consistency letter for the project named 'PR-RGRW-00746 SOW 5 & 6' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On August 01, 2024, Shelby McDowell used the Caribbean DKey; dated April 03, 2024, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'PR-RGRW-00746 SOW 5 & 6'. The project is located in Trujillo Alto County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.32352565,-65.98102607275962,14z>



The following description was provided for the project 'PR-RGRW-00746 SOW 5 & 6':

The Scope of Work 5 (SOW-5) is the installation of a rain harvesting system on an existing building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building on the concrete floor.

The Scope of Work 6 (SOW-6) is the purchase and installation of a photovoltaic system Photo voltaic system to be located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing structure. The batteries and transfer switch would be inside the structure.

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

Species	Listing Status	Determination
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered	No effect

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

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

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

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

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

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

Action Description

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

1. Name

PR-RGRW-00746 SOW 5 & 6

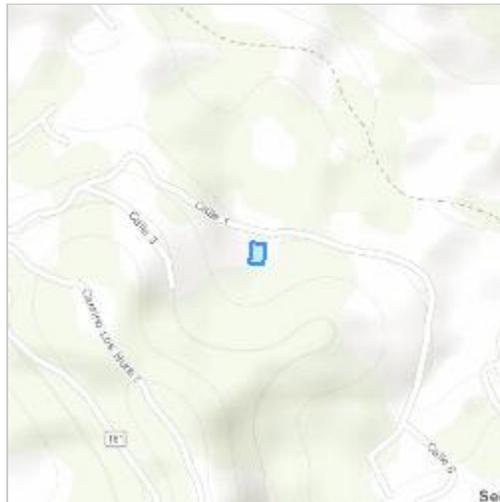
2. Description

The following description was provided for the project 'PR-RGRW-00746 SOW 5 & 6':

The Scope of Work 5 (SOW-5) is the installation of a rain harvesting system on an existing building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building on the concrete floor.

The Scope of Work 6 (SOW-6) is the purchase and installation of a photovoltaic system Photo voltaic system to be located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing structure. The batteries and transfer switch would be inside the structure.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.32352565,-65.98102607275962,14z>



QUALIFICATION INTERVIEW

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

No

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

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

No

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

No

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

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

Yes

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

Automatically answered

Yes

IPAC USER CONTACT INFORMATION

Agency: Tetra Tech
Name: Shelby McDowell
Address: 2301 Lucien Way #120
City: Maitland
State: FL
Zip: 32751
Email: shelby.mcdowell@tetrattech.com
Phone: 4096591563

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

Appendix E: Site Photos

Front of Structure

Photo Direction: Southwest



Facing Away From Front

Photo Direction: Northeast



Side #1 of Structure

Photo Direction: Southwest



Facing Away From Side #1

Photo Direction: Northeast



Back of Structure

Photo Direction: Northwest



Facing Away From Back

Photo Direction: Southeast



Side #2 of Structure

Photo Direction: Southeast



Facing Away From Side #2

Photo Direction: Northwest



Streetscape #1

Photo Direction: Northwest



Streetscape #2

Photo Direction: Southeast



Address

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Northwest



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: North



Structural Details

Photo Description: Architectural details

Photo Direction: Southeast



Structural Details

Photo Description: Architectural details

Photo Direction: Southwest



Structural Details

Photo Description: Architectural details

Photo Direction: Northeast



Structure Occupied

Photo Description: Office

Photo Direction: South



Electricity Connected

Photo Description: Power meter

Photo Direction: Southwest



Water Connected

Photo Description: Water meter

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: North



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: Northeast



Scope Of Work

Photo Description: Scope of work 3: Cyclone Fences

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 4: Repair of a Building

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 4: Repair of a Building

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 2: Repair of a Water well

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 2: Repair of a Water well

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: South



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: Southeast



Scope Of Work

Photo Description: Scope of work 6: Photovoltaic system

Photo Direction: North



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Northwest



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 1: Irrigation System

Photo Direction: Northwest



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester

Photo Direction: Southwest



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester

Photo Direction: Northeast



Scope Of Work

Photo Description: Scope of work 5: Rainwater Harvester

Photo Direction: Southeast

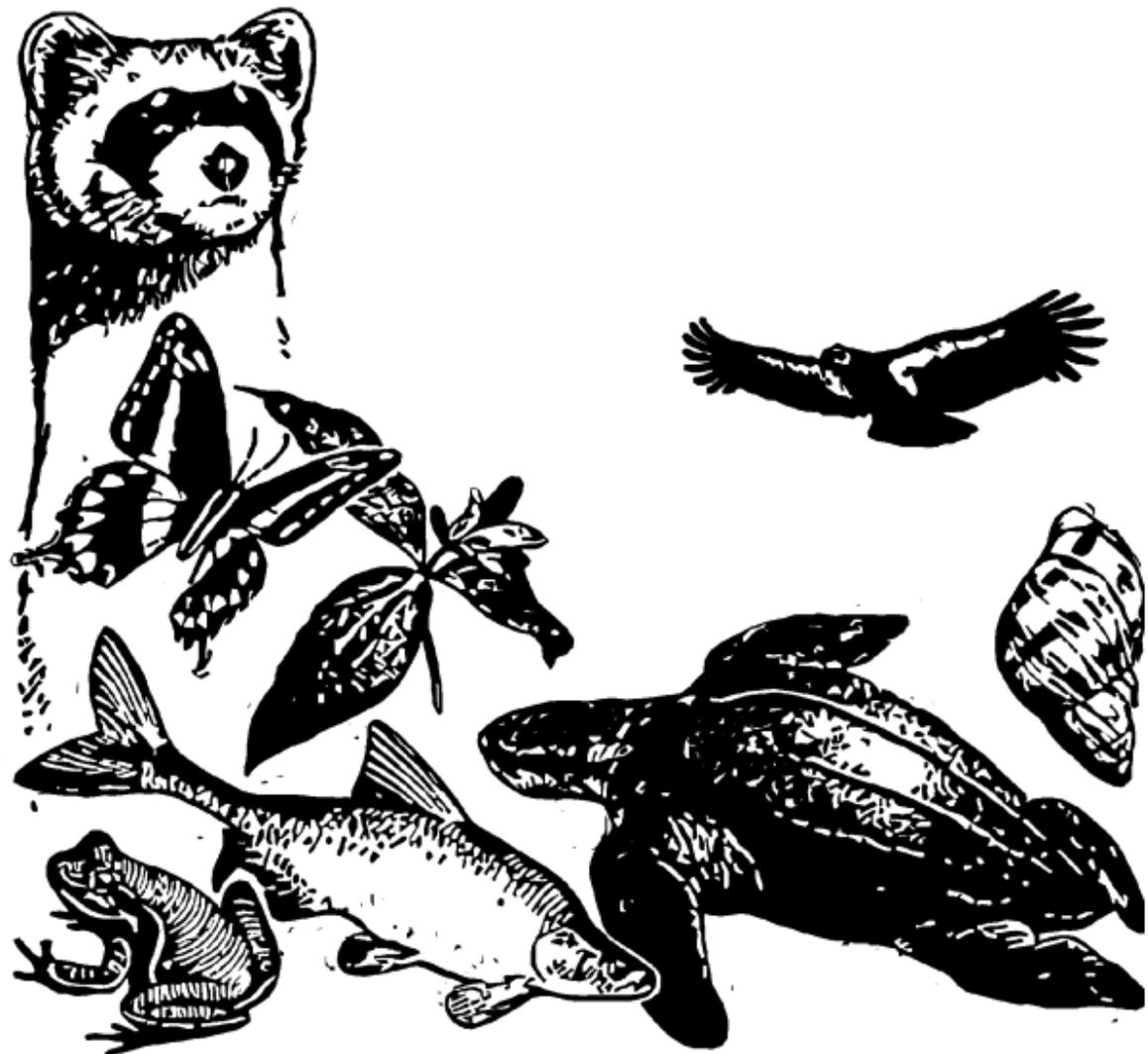


Appendix F:
USFWS Puerto Rican Boa Conservation Measures 2024

Caribbean ES Puerto Rican Boa

Puerto Rican Boa

Generated August 01, 2024 02:11 PM UTC, IPaC v6.112.0-rc2



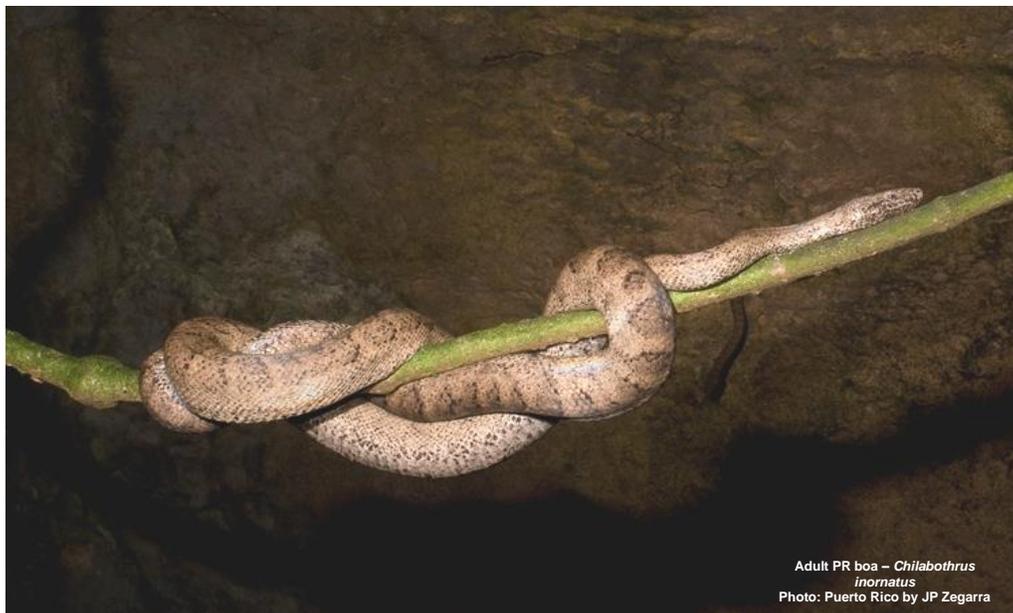


U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

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

APPENDIX E

Section 106 Consultation

ENVIRONMENTAL MEMORANDUM

Date: 4/16/2024

To: Environmental Review Record (ERR) File

Subject: Explanation of Conflicting Information within the ERR

Applicant Name: Sunrise Living Real State LLC

Application Number: PR-RGRW-00746

This memorandum serves to provide an explanation as to the presence of conflicting pieces of information within the Environmental Review Record (ERR) file.

Confliction Information: Coordinates Address Municipio Parcel ID/Cadaster Number
 Construction Date Applicant Name Other: SOW-2 Description

Location(s) of Environmental Field Observation Report and Section 106 NHPA Effect
Conflicting Information: Determination

Explanation:

Coordinates for SOW-2 in the Environmental Field Observation Report and Section 106 NHPA Effect Determination are: 18.3230785, -65.9812364.

The correct coordinates for SOW-2 are 18.323114, -65.981055.

The SOW-2 in Section 106 NHPA Effect Determination stated that "The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well".

The correct SOW-2 is: "The applicant proposes the purchase and installation of a new submersible water pump and the electrical components needed to operate the well".



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Tuesday, April 2, 2024

Lauren B Poche

269 Avenida Ponce de Leon, San Juan, PR, 00917

SHPO-CF-03-26-24-09 PR-RGRW-00746 (Trujillo Alto), Sunrise Living Real State LLC

Ms. Poche,

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

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

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

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/OJR



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935

March 26, 2024

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-00746 – Sunrise Living Real State, LLC - Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto, 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 were 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 Sunrise Living Real State, LLC located at Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, in the municipality of Trujillo Alto. The undertaking for this project involves the purchase and installation of an irrigation system, repair of a water well pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system on the roof of an existing ca. 1985 building, and repairs to the roof of an existing addition to the ca. 1985 building. In addition, the scope of work includes the purchase of a tractor and the purchase and installation of new equipment in the ca. 1985 building including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine.

The proposed irrigation system is an overhead irrigation system that would use rainwater to irrigate the future plantings. No ground disturbance will be required for the installation of the irrigation system; however, some clearing of overgrowth may be required. The applicant proposes to repair the submersible water pump serving an existing well, as well as the electrical components needed to operate the well. No ground disturbance is anticipated for this activity. The construction of 450 linear foot of cyclone fence includes the installation of new posts every 10 feet for approximately total of 45 posts, 8 feet height each, at an approximate depth of 2 feet and a diameter of 2 inches. Some clearing of overgrowth may also be required.

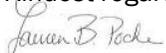
The rain harvesting system and photovoltaic system will be installed on the same ca. 1985 building. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building on the concrete floor. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the same building. The batteries and transfer switch would be inside this building.

The proposed roof repair will occur on an existing addition to the larger ca. 1985 building. The addition is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The repairs consist in the installation of missing roof area, including supporting beams and the galvalume roof, installation of windows and rolling doors. No ground disturbance is anticipated for these activities.

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, EHP Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
REGROW PUERTO RICO PROGRAM		
Section 106 NHPA Effect Determination		
Subrecipient: Sunrise Living Real State LLC		
Case ID: PR-RGRW-00746	City: Trujillo Alto	

Project Location: Carr. 181 km 53.2 Quebrada Negrito Interior Gateway Hills Calle 1, Trujillo Alto PR, 00976	
Project Coordinates: 18.323604, -65.981027	
TPID (Número de Catastro): 145-053-230-08-000	
Type of Undertaking: <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): c1985	Property Size (acres): 1.24

SOI-Qualified Architect/Architectural Historian: Maria F. Lopez Schmid, MAHP
Date Reviewed: 2/13/2024
SOI-Qualified Archaeologist: Pollyanna Clark, MA, RPA
Date Reviewed: 2/13/2024

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 includes the purchase and installation of an irrigation system, repair of a water well pump, installation of new cyclone fence, installation of a water harvesting system and photovoltaic system on the roof of an existing ca. 1985 building, and repairs to the roof of an existing addition to the ca. 1985 building. In addition, the scope of work includes the purchase of a tractor and the purchase and installation of new equipment in the ca. 1985 building including: a packaging system, a disinfection room, a labeling machine, a luminary store, a machine filler, and a coding machine. The past use of the farm is unknown. Currently it is used for lime, avocado and ginger growing. The Field is not graded.

The Scope of Work 1 (SOW-1) is the installation of an irrigation system at coordinates 18.3230785, -65.9812364. The applicant is proposing an overhead irrigation system that would use rainwater to irrigate the futures plantations. This system would consist of PVC pipes system above ground to supply water and nutrients to the roots drop-by-drop. No ground disturbance will be required for the installation of the irrigation system; however, some clearing of overgrowth may be required.

The Scope of Work 2 (SOW-2) is the repairs activities of the existing water well located at coordinates 18.3231972, -65.9809256. The applicant proposes to repair the submersible water pump and the electrical components needed to operate the well. No ground disturbance is anticipated as part of the SOW.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Sunrise Living Real State LLC	
Case ID: PR-RGRW-00746	City: Trujillo Alto

The Scope of Work 3 (SOW-3) is the construction of 450 linear foot of cyclone fence to be located from coordinates 18.3238726, -65.9807475 to coordinates 18.3231660, -65.9808756. The proposed fence includes the installation of new post every 10 feet for approximately total of 45 posts, 8 feet height each, at an approximate depth of 2 feet and a diameter of 2 inches. Some clearing of overgrowth may be required.

The Scope of Work 4 (SOW-4) is the repair and retrofit of an existing addition to the large building, with an estimated date of construction ca.1985, located at coordinates 18.3233958, -65.9809306. The building is a 24 ft (L) x 11 ft (W) x 20 ft (H) structure planned to be used as storage for farm supplies and equipment. The repairs consist in the installation of missing roof area, including supporting beams and the galvalume roof, installation of windows and rolling doors. No ground disturbance is anticipated for these activities.

The Scope of Work 5 (SOW-5) is the installation of a rain harvesting system on an existing ca. 1985 building located at coordinates 18.3234346, -65.9810905. The applicant proposes to use the building roof as a collection area for a rain harvesting system that will include a metal gutter, inlet filter, storage tank, and the connection PVC piping system. The storage tank will be located inside the building on the concrete floor.

The Scope of Work 6 (SOW-6) is the purchase and installation of a photovoltaic system on an existing ca. 1985 building located at coordinates 18.3236043, -65.9810268. The applicant proposes the installation of a 14.8 kW photo voltaic system on the roof of the existing large scale metal building. The batteries and transfer switch would be inside this building.

No water or power connection to local utility service is needed. The SOW includes the installation of a rain harvesting and a photovoltaic system to provide resiliency and supply the power and water demand of the operations.

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 ground disturbance activity is the installation of the new fence with a direct APE of 0.05 acres. The installation of the irrigation system, the repairs of the submersible water pump, the repair/retrofit of existing building and the installation of rain harvesting and PV system does not require ground disturbances. The visual APE is the viewshed of the proposed project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: Sunrise Living Real State LLC		
Case ID: PR-RGRW-00746		City: Trujillo Alto

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are no reported archaeological materials or archaeological sites within a half-mile radius of the proposed project location. One previous cultural resource survey within a half-mile radius of the project location had negative results with regards to the presence of archaeological resources (Table 1).

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Mariano Coronas Castro	Phase IA / Reconstrucción Camino Melquiades, Barrio Quebrada Negrito	1989	SHPO# 08-14-89-04	Negative	0.40 mi northwest

Table 1. Cultural Resource Studies Conducted Within a Half-Mile Radius of Project Area

The landscape topography and soil characteristics play a crucial role in determining the likelihood of discovering archaeological sites and the potential for site preservation in a given location. The closest freshwater body is Quebrada Grande at approximately 0.20 mi (0.32 km) to the northeast of the project area. The APEs consist of two distinct soil types. The Caguabo clay loam, with slopes ranging from 20 to 40 percent (CaE), is found within SOWs 3, 4, 5, and 6. On the other hand, the Caguabo clay loam with slopes ranging from 40 to 60 percent (CaF) is located within the APEs of SOW 1, 2, 3, and 4. The Caguabo soil series comprises shallow, well-drained, and moderately permeable soils situated on the side slopes of strongly dissected uplands. The soil originated from material weathered from basalt. Described as slightly acidic to neutral, they are expected to have minimal impact on the preservation of most classes of artifacts and archaeological features.

These soil conditions and the steep topography within the project area combined with the absence of archaeological sites reported within a half-mile radius of the APEs, make the possibilities of finding new, intact, and significant archaeological sites in the APE low to moderate.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	
Subrecipient: Sunrise Living Real State LLC	
Case ID: PR-RGRW-00746	City: Trujillo Alto

Identification of Historic Properties - Architecture

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

The proposed project is located in a rural, mountainous terrain along C-1 Road in Trujillo Alto which is dotted with single-family houses. The property lies south of C-1 Road. A circa 1985 building is at the APE geocoordinates. The concrete and metal building shown below appears in a 1994 aerial image, but not in a 1977 aerial image. This building is a large-scale metal building with a low-profile standing seam metal shed roof. The building sits on a slab on grade concrete foundation, has concrete walls below and metal structure walls with standing seam metal siding. The front elevation has a concrete ramp access and a canopy entrance on the right side supported by metal columns. The following proposed activities will take place on this building, for SOW 5 with the installation of a rain harvesting system and SOW 6 with the installation of a photo voltaic system on the roof with the batteries and transfer switch for the system inside this building. In addition, new equipment, some of which will be affixed, will be installed in the ca. 1985 building.



Figures 1 & 2. Detail of 1994 aerial image of building on the property and the east attached addition.

The SOW 4 is the repair and retrofit of the exterior addition which is a small structure attached to the rear of the east elevation of the larger building. This addition is present in the 1994 aerial

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REgROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Sunrise Living Real State LLC	
Case ID: PR-RGRW-00746	City: Trujillo Alto

image, so the estimated date of construction is 1985, the same as the large building. The proposed use for this addition is storage for farm supplies and equipment. The repairs consist of installing the missing metal roof, including supporting beams and galvalume panels, installing windows and rolling doors.



Figure 3. Front elevation of the building, view to the southwest.



Figures 4 & 5. Left and right elevations of the building, views to the southwest and southeast.

This building and its east elevation addition are modern and **do not** meet the requirements to be eligible for listing on the National Register of Historic Places.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Sunrise Living Real State LLC	
Case ID: PR-RGRW-00746	City: Trujillo Alto

Determination

The following historic properties have been identified within the APE:

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

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect the 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 are **no** reported archaeological materials or significant cultural remains 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-00746 is located. The closest freshwater body is approximately 0.20 mi (0.32 km) from the project area. The construction of public roads and residential structures has minimally disturbed the surrounding terrain. Therefore, no historic properties will be affected by the proposed project activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Subrecipient: Sunrise Living Real State LLC		
Case ID: PR-RGRW-00746		City: Trujillo Alto

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

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

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

This Section is to be Completed by SHPO Staff Only

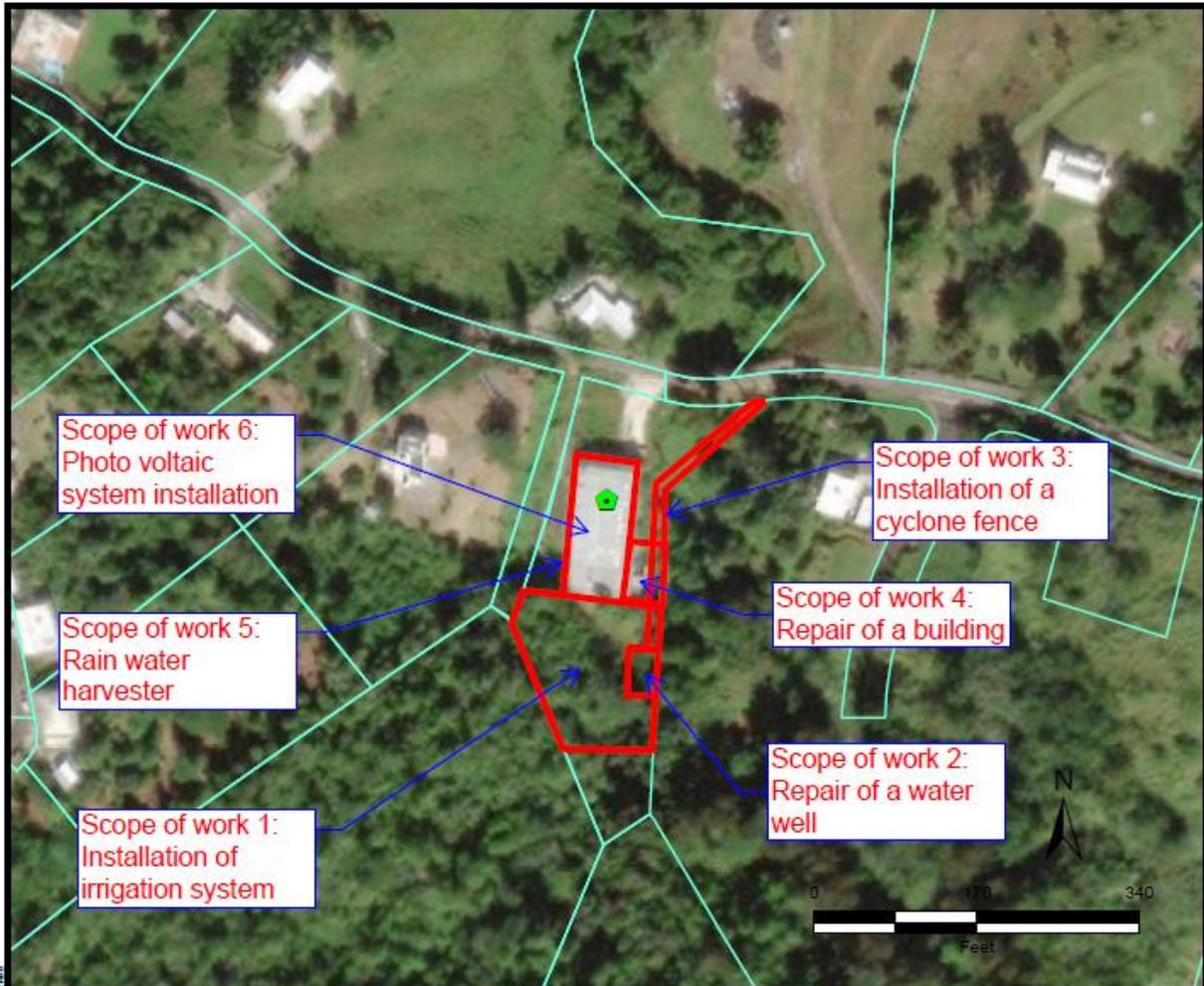
The Puerto Rico State Historic Preservation Office has reviewed the above information and:	
<input type="checkbox"/> Concurs with the information provided. <input type="checkbox"/> Does not concur with the information provided.	
Comments: 	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

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



Source: CRIM

Author: TG

Date: 2/7/2024

Legend

-  Tier 2 Site
-  Area of Potential Effect
-  Parcelario



Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

Project (Parcel) Location - Aerial Map



TETRA TECH

Source: CRIM

Author: TG

Date: 1/19/2024

Legend

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

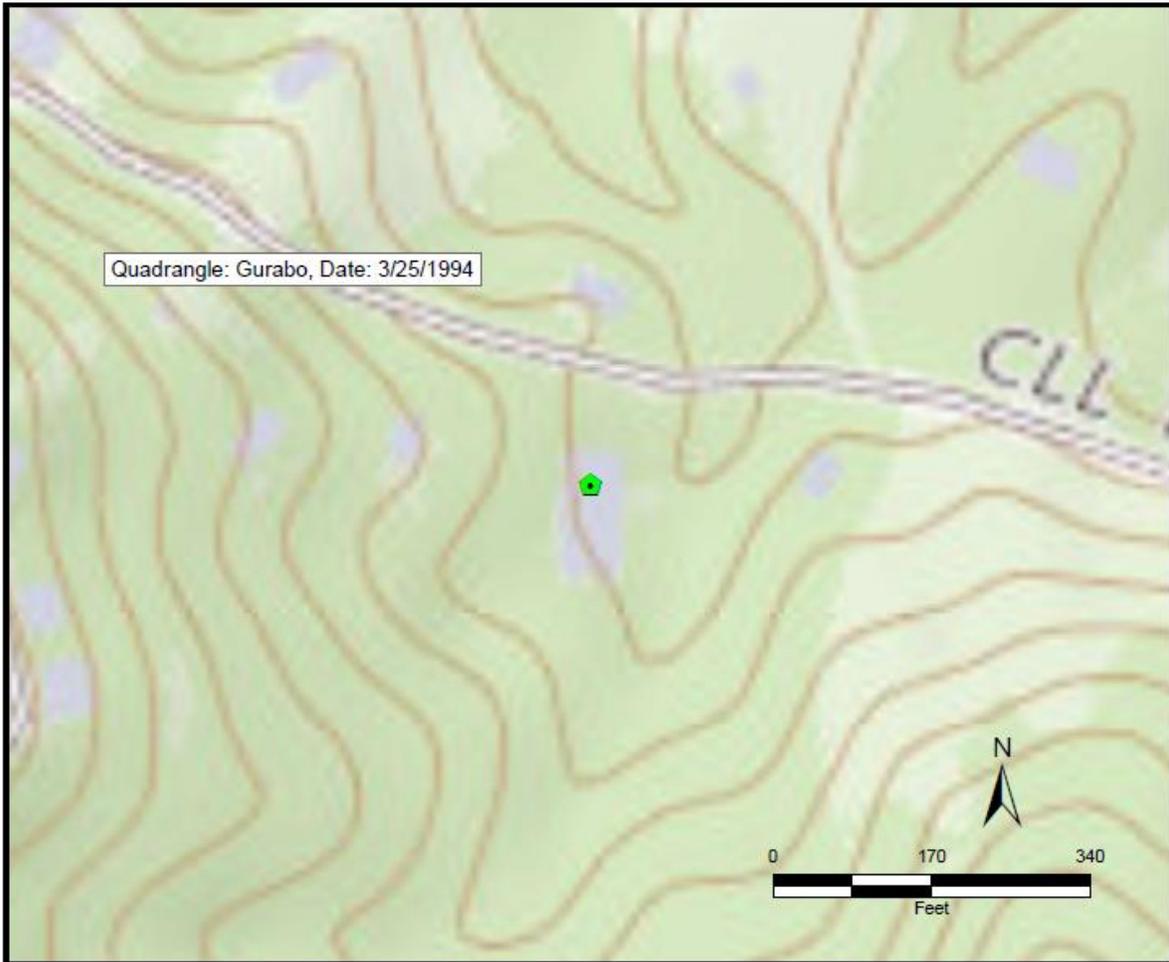


Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

Project (Parcel) Location - USGS Topographic Map



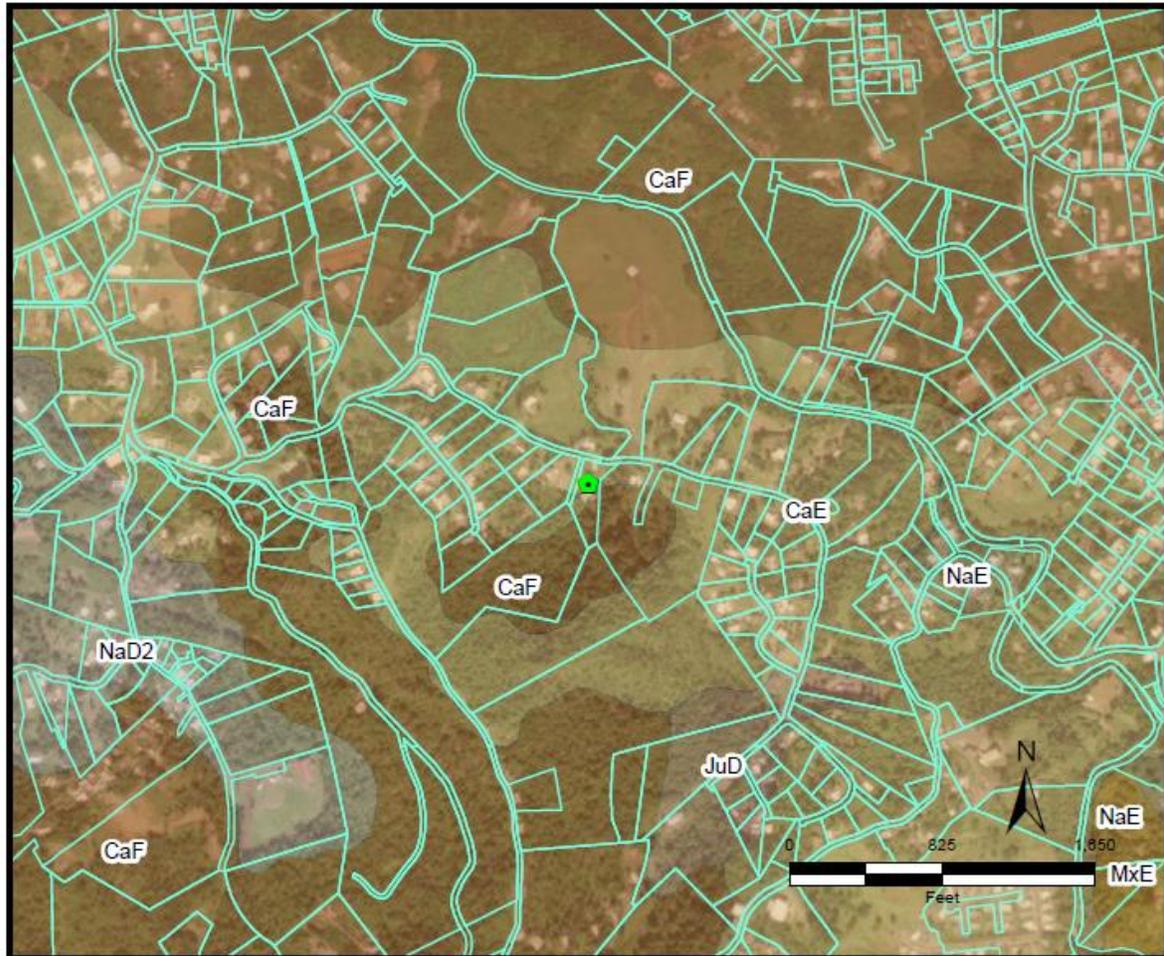
 <p>TETRA TECH</p> <p>Source: USGS</p> <p>Author: TG Date: 9/19/2023</p>	<p>Legend</p> <ul style="list-style-type: none"> Tier 2 Site Historic Comunidades Traditional Urban Centers Cultural Resource District Polygon	 <p>SAN JUAN TRUJILLO ALTO Trujillo Alto Cejada</p>
---	--	--

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

Project (Parcel) Location – Soils Map



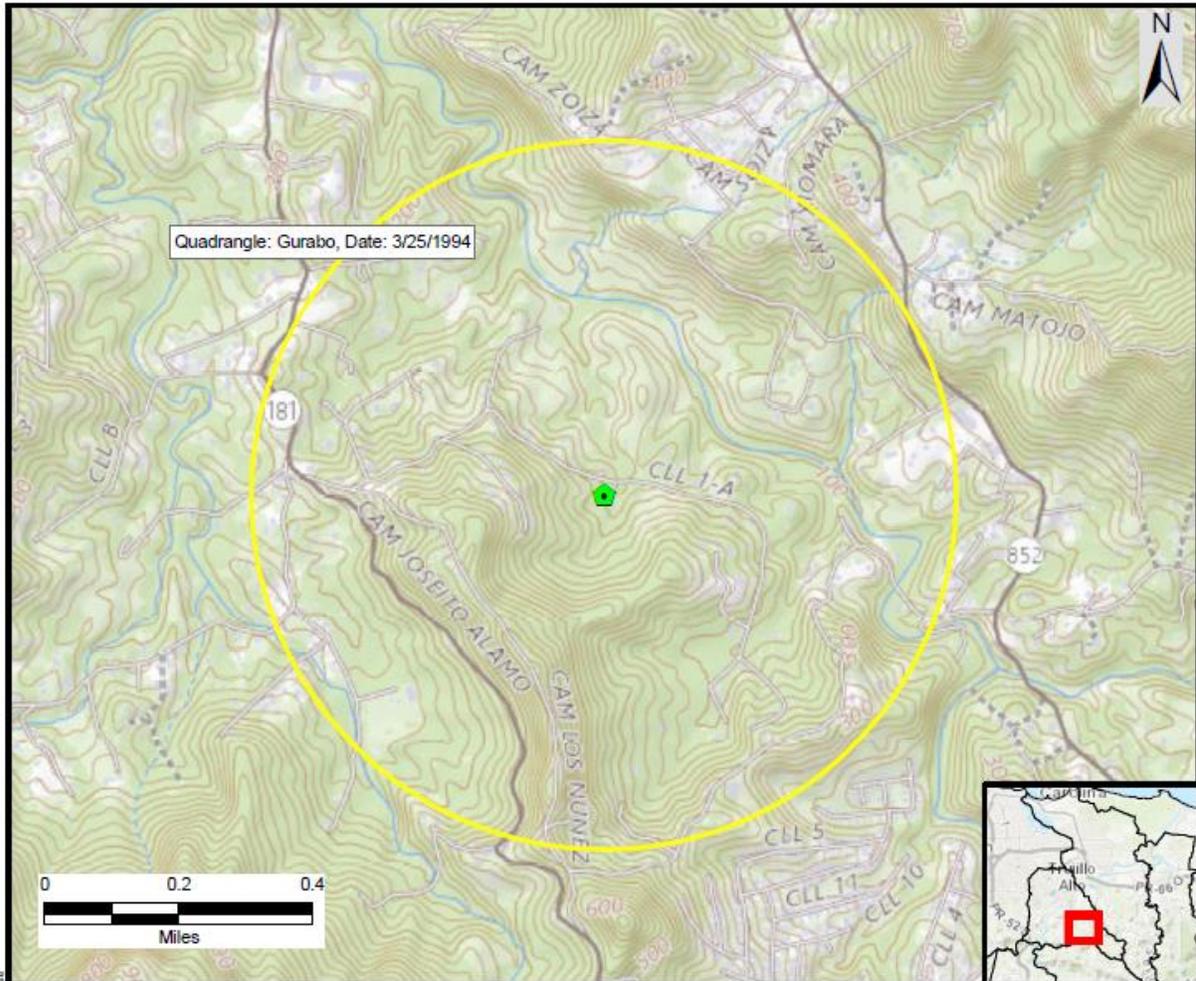
 TETRA TECH Source:USDA	Legend	
	<ul style="list-style-type: none"> Tier 2 Site ParcelarioSoil Type CaE;Caguabo clay loam, 20 to 40 percent slopes CaF;Caguabo clay loam, 40 to 60 percent slopes JuD;Juncoas clay, 12 to 20 percent slopes MxE;Mucres clay, 20 to 40 percent slopes NaD2;Naranjito silty clay loam, 12 to 20 percent slopes, eroded NaE;Naranjito silty clay loam, 20 to 40 percent slopes	
Author: TG	Date: 11/16/2023	

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

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



Source: National Park Service

Author: TG

Date: 7/21/2023

Legend

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

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto

Photograph Key



Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 1

Description (include direction): Scope of work 1: Installation of an irrigation system, view to the north.

Date: 1/11/2024



Photo #: 2

Description (include direction): Scope of work 1: Installation of an irrigation system, view to the east.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 3

Description (include direction): Scope of work 1: Installation of an irrigation system, view to the south.

Date: 1/11/2024



Photo #: 4

Description (include direction): Scope of work 2: Repair of a water well, view to the east.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 5

Date: 1/11/2024

Description (include direction): Scope of work 2: Repair of a water well, view to the east.



Photo #: 6

Date: 1/11/2024

Description (include direction): Scope of work 3: Cyclone Fence installation, view to the north.

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 7

Description (include direction): Scope of work 3: Cyclone Fence installation, view to the southeast.

Date: 1/11/2024



Photo #: 8

Description (include direction): Scope of work 3: Cyclone Fence installation, view to the south.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 9

Description (include direction): Scope of work 4: Repair of a building, view to the south.

Date: 1/11/2024



Photo #: 10

Description (include direction): Scope of work 4: Repair of a building, view to the north.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 11

Description (include direction): Scope of work 5: Rainwater harvester, view to the north.

Date: 1/11/2024



Photo #: 12

Description (include direction): Scope of work 5: Rainwater harvester, view to the south.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 13

Description (include direction): Scope of work 5: Rainwater harvester, view to the east.

Date: 1/11/2024



Photo #: 14

Description (include direction): Scope of work 6: Installation of a photo voltaic system, view to the south.

Date: 1/11/2024

Subrecipient: Sunrise Living Real State LLC

Case ID: PR-RGRW-00746

City: Trujillo Alto



Photo #: 15

Description (include direction): Scope of work 6: Installation of a photo voltaic system, view to the east.

Date: 1/11/2024



Photo #: 16

Description (include direction): Scope of work 6: Installation of a photo voltaic system, view to the south.

Date: 1/11/2024



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

Juan C. Pérez Bofill, P.E. M.Eng

Director of Disaster Recovery

CDBG DR-MIT