# Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

### **Project Information**

**Project ID:** PR-RGRW-00742

Project Name: Pbfarm Corp.

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / Sabana Grande, PR

Preparer: Yazmin Acevedo

Certifying Officer Name and Title: Permit and Environmental Compliance Officer:

Ivelisse Lorenzo Torres

Consultant: Behar Ybarra & Associates LLC

**Project Location:** 

Barrio Susua Carr. PR-121 Km. 9 Hm. 9, Sabana Grande 00637

Storage/Warehouse: latitude 18.031165, longitude -66.900653

Parcel cadastral # 384-000-004-27

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

Purchase and installation of a 60 feet x 40 feet storage/warehouse (shipping container) and a photovoltaic system, and acquisition of equipment including a drill, a plow harrow, a tractor and a trimmer. The storage will be placed on bare soil and the solar panels will be placed on top of the storage. The storage will be located approximately 75 meters from the entrance of the farm. The existing area for the proposed placement is used for agricultural purposes. A site Map is included, illustrating the proposed location of the storage on the property in Figure 1. Photos of the storage location are included in the Section 106 documentation, Appendix 1.

**Statement of Purpose and Need for the Proposal** [40 CFR 1508.9(b)]: The Re-Grow Puerto Rico Urban-Rural Agriculture Program (RGRW) will increase agricultural capacity while promoting and increasing food security inland wide. This Program will enhance and expand agricultural production related to economic revitalization and sustainable

development activities. This agricultural project associated with the storage installation and purchase of equipment is in keeping with the overall objectives of the Economic Development Program.

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

The existing area for the proposed storage is used for agricultural purposes. Therefore, there is no change in land use associated with this storage installation.

### **Funding Information**

Grant Number	HUD Program	Funding Amount
B-18-DP-72-0001B-	CDBG-DR, Re-Grow Puerto	\$41,279,480
17-DM-72-0001	Rico Urban-Rural	
	Agriculture Program	

Estimated Total HUD Funded Amount: \$150,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$150,000.00

### 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 REGULATI	ONS LISTED AT 24 CFR 58.6
Airport Hazards  24 CFR Part 51 Subpart D	Yes No	This project consists only of purchase and installation of a storage and photovoltaic system for an agricultural project and will have no impact on any Airports. This topic is in compliance with the HUD's Airport Hazard regulations without further evaluation. The site is located 118,565 feet from the nearest airport. See the attached Airport map Runway Protection Zone, Figure 2.
Coastal Barrier Resources  Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No	This project is not located in a CBRS Unit. The project is located 28,885 feet northwest of the nearest CBRS (PR-60P). Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. See the attached CBRS map, Figure 3.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No	The project is located in a Zone X, Panel 72000C1595H, 04/19/2005. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Map, Figure 4.

STATUTES, EXECUTIVE ORDERS,	AND REGULATION	ONS 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	This project consists only of the purchase and installation of storage and equipment (solar panels, and equipment) for an agricultural site. The installation and operation of this project will have no impact and is in compliance with the Clean Air Act without further evaluation.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No	The project is located 10,760 feet from the nearest Coastal Zone Management area and does not affect a Coastal Zone as defined in the state Coastal management Plan. The project is in compliance with the Coastal Zone Management Act. See the attached CZMA map, Figure 5.
Contamination and Toxic Substances  24 CFR Part 58.5(i)(2)	Yes No	This project consists of the purchase and installation of storage and equipment for an agricultural project. There are no sites of environmental concern identified within 3000 feet. See attached Toxics Map, Figure 6.
Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No	This project will have No Effect on listed species due to the nature of the activities involved in the project. The project is 4,632 feet from the nearest endangered species critical habitat. The scope of work includes continued agricultural use of the property with no intention to cut down trees. Additionally, the project has no critical habitats in the area. This project is in compliance with the Endangered Species Act. See attached Endangered Species map, Figure 7.  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.
Explosive and Flammable Hazards  24 CFR Part 51 Subpart C	Yes No	This project consists only of purchase and installation of storage, solar panels, and equipment. The project does not include development, construction, or rehabilitation that will increase residential density. This project is in compliance with this citation without further evaluation
Farmlands Protection  Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No	This project does not include any activities that could potentially convert agricultural land to non-agricultural use. The project is in an area designated as Prime farmland if irrigated and is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map, Figure 8.
Floodplain Management  Executive Order 11988, particularly section 2(a); 24  CFR Part 55	Yes No	The project is located in a Zone X, Panel 72000C1595H, 4/19/2005. The site is not located in a Preliminary Firm or an Advisory Base Flood Elevation special flood hazard area (Figure 9). The project is in compliance with Floodplain management requirements.
Historic Preservation  National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No	The site was visited on October 15, 2022 by SOI-qualified archaeologist.  Documentation with photographs and maps was subsequently submitted to SHPO (attached). In a response from PR SHPO dated November 28, 2022, SHPO concurred with a finding of <b>No Historic</b> Properties Affected within the project's Area of Potential Effects (see attached Appendix 1). The property is not considered historic or contributing to an historic district (See attached Historic map, Figure 10).
Noise Abatement and Control	Yes No	This project consists only of purchase and installation of storage, solar panels,

Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B		and equipment for an agricultural site. The site is rural in nature and there will be no impact to or from the surrounding area from a noise perspective. This topic is in compliance with this citation without further evaluation.
Sole Source Aquifers  Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No	There are no sole source aquifers in Puerto Rico. The project is in compliance with this citation without further evaluation.
Wetlands Protection  Executive Order 11990, particularly sections 2 and 5	Yes No	There is a Riverine Wetland at approximately 58 feet from the project area, which is associated to an unnamed creek. However, based on the scope of work for this project, the wetland will not be affected, and the project is in compliance with Executive Order 11990. See the attached Wetlands map, Figure 11.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No	This project is not within proximity of a NWSRS river. The project is in compliance with the Wild and Scenic Rivers Act. The project is located 395,088 feet from the nearest Wild and Scenic River, Figure 12.
ENVIRONMENTAL JUSTICE		
Environmental Justice  Executive Order 12898	Yes No	Based on the scope of work for this project, there will be no additional impact on low-income or minority residents. This proposed activity will not have a negative impact on Environmental Justice. Therefore, the proposed activity complies with this section.

**Environmental Assessment Factors** [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been

evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. All conditions, attenuation or mitigation measures have been clearly identified.

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

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

Environmental	Impact	
Assessment Factor	Code	Impact Evaluation
LAND DEVELOP	MENT	
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed action is continued agricultural use of property which is compatible with zoning and existing land use. There is no urban design associated with this rural, agricultural site.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The soil is currently being used for agriculture purposes. There is no change in land use since the land will continue to be used to agriculture purposes. The landslide data indicates low landslide susceptibility. No changes in drainage or erosion are expected from this project. There will be little to no additional runoff associated with the project.
Hazards and Nuisances including Site Safety and Noise	2	There are no specific environmental hazards that have been identified for this site. The site is not in a high Noise Level area, nor will the project generate any additional noise. Additionally, the project does not

		include housing or such to where inhabitants would be affected.
Energy Consumption	2	The project should not trigger any additional energy consumption since the project is agricultural and includes a photovoltaic system to offset the need for additional energy.
Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOA	AIC .	
Employment and Income Patterns	2	The project is not anticipated to have a significant impact on Employment and Income Patterns.
Demographic Character Changes, Displacement	2	The proposed project will not alter the demographic characteristics of Sabana Grande, PR.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FA	CILITIES A	AND SERVICES
Educational and Cultural Facilities	2	The project consists of the purchase and installation of storage and equipment for an agricultural site and will have no impact on educational and cultural facilities.
Commercial Facilities	2	The proposed project may aid in restoring the demand for local commercial services; however, not to the point of putting undue pressure on commercial facilities.
Health Care and Social Services	2	The project consists of the purchase and installation of storage and equipment for an agricultural site and will have no impact on Health Care and Social Services
Solid Waste Disposal / Recycling	2	The proposed project will have no impact on Solid Waste Disposal / Recycling services. The products and by-products are agricultural, and any waste would be biodegradable.

Wastewater / Sanitary Sewers	2	The proposed project will have no impact on Wastewater / Sanitary Sewers.
Water Supply	2	The proposed project will not require an additional water supply. The proposed project will have no impact on the water supply.
Public Safety - Police, Fire and Emergency Medical	2	The project consists of the purchase and installation of storage and equipment for an agricultural site and will have no impact on Public Safety.
Parks, Open Space and Recreation	2	The proposed project will have no impact to Parks, Open Space and Recreation. The property being used is agricultural and it will continue as agricultural use.
Transportation and Accessibility	2	The project consists of the purchase and installation of storage and equipment on bare ground for an agricultural site and will have no impact on transportation and accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project will be situated on previous agriculture property and will have no impact to unique natural features or water resources.
Vegetation, Wildlife	2	The proposed project will occur on land previously used for agricultural purposes and will continue in that capacity. The proposed project will have no impact on wildlife.
Climate Change	2	There will be no impact to the climate as a result of this project.

**Additional Studies Performed**: Not applicable.

**Field Inspection** (Date and completed by): October 15, 2022, Jaqueline Lopez, SOI-Qualified Archaeologist

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

FAA, National Plan for Integrated Airport Systems: <a href="https://www.faa.gov/airports/planning\_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf">www.faa.gov/airports/planning\_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf</a>

John H. Chafee Coastal Barrier Resources System, Puerto Rico map. www.fws.gov/CBRA/Maps/Locator/PR.pdf

National Park Service, National Registry of Natural Landmarks. <a href="https://www.nature.nps.gov/nnl/docs/NNLRegistry.pdf">www.nature.nps.gov/nnl/docs/NNLRegistry.pdf</a>

US Fish and Wildlife Service, Wild and Scenic Rivers – correspondence to Agency on October 16, 2018

National Wild and Scenic Rivers System: <a href="www.rivers.gov/puerto-rico.php">www.rivers.gov/puerto-rico.php</a>

Puerto Rico Community Development Block Grant Disaster Recovery Action Plan, July 2018. <a href="https://www.cdbg-dr.pr.gov/en/action-plan/">www.cdbg-dr.pr.gov/en/action-plan/</a>

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

Sierra Research for Office of Mobile Sources. US Environmental Protection Agency. Report No. SR93-03-02, Evaluation of Methodologies to Estimate Nonroad Mobile Source Usage, March 19, 1993: <a href="http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt">http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt</a>

US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book): <a href="https://www3.epa.gov/airquality/greenbook/anayo">www3.epa.gov/airquality/greenbook/anayo</a> pr.html

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

US Fish and Wildlife Service, Environmental Conservation Online System: <a href="https://ecos.fws.gov/ecp0/reports/species-listed-by-state-report?state=PR&status=listed-by-state-report?st

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

Puerto Rico Planning Board, Communication regarding Floodplain Management, November 29, 2018.

US Fish and Wildlife Service, National Wetlands Inventory: <a href="https://www.fws.gov/wetlands/data/mapper.html">www.fws.gov/wetlands/data/mapper.html</a> (compilation of numerous maps)

US Army Corps of Engineers, Jacksonville District, Antilles Section, Communication regarding Wetlands Management, November 13, 2018.

Puerto Rico Coastal Zone Management Program Plan, September 2009.

Puerto Rico Planning Board, Communication regarding Coastal Zone Management, November 16, 2018 (No response).

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

US Fish and Wildlife Service, Caribbean Ecological Services Field Office. E-mail communication regarding October 23, 2018 letter on Threatened and Endangered Species and Critical Habitats.

NOAA Fisheries / National Marine Fisheries Service, NEPA Coordinator Southeast Regional Office. Communication on October 16, 2018 regarding designated critical habitat. (No response).

US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria, <a href="https://doi:10.5066/F7JD4VRF">https://doi:10.5066/F7JD4VRF</a>

**List of Permits Obtained:** None required.

**Public Outreach** [24 CFR 58.43]: The local community has been very proactive in the recovery process. Puerto Rico Department of Agriculture has worked closely with the agricultural community. The project includes a FONSI / NOI-RROF in compliance with NEPA regulations for HUD.

**Cumulative Impact Analysis** [24 CFR 58.32]: In accordance with 24 CFR 58.32 (Aggregation), there are no cumulative impacts associated with the placement of the storage and purchase of equipment on this agricultural site.

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

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

The 'No-Action' alternative would mean that the applicant would not receive federal funding to provide for the storage and equipment which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

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

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

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

Law, Authority, or Factor	Mitigation Measure

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 humar 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: 12.05.2022
Name/Title/Organization: <u>Yazmín M. Acevedo / Environmental Specialist/ Behar Ybarro &amp; Associates LLC</u>
Certifying Officer Signature:Date: Jan. 30, 2023
Name/Title: Ivelisse 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).



**Figures** 



### Application ID: PR-RGRW-00742

**Pedro Torres** Carr 121 km. 9.9 Barrio Susúa Sabana Grande PR Catastro: 384-000-004-27

Lat: 18.031165, Lon: -66.900653

# Location: Aerial Map Puerto Rico Department of Housing ReGrow



### Legend



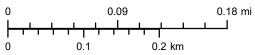
PR-RGRW-00742



PR-RGRW-00742 Parcel



**CRIM Parcels** 



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

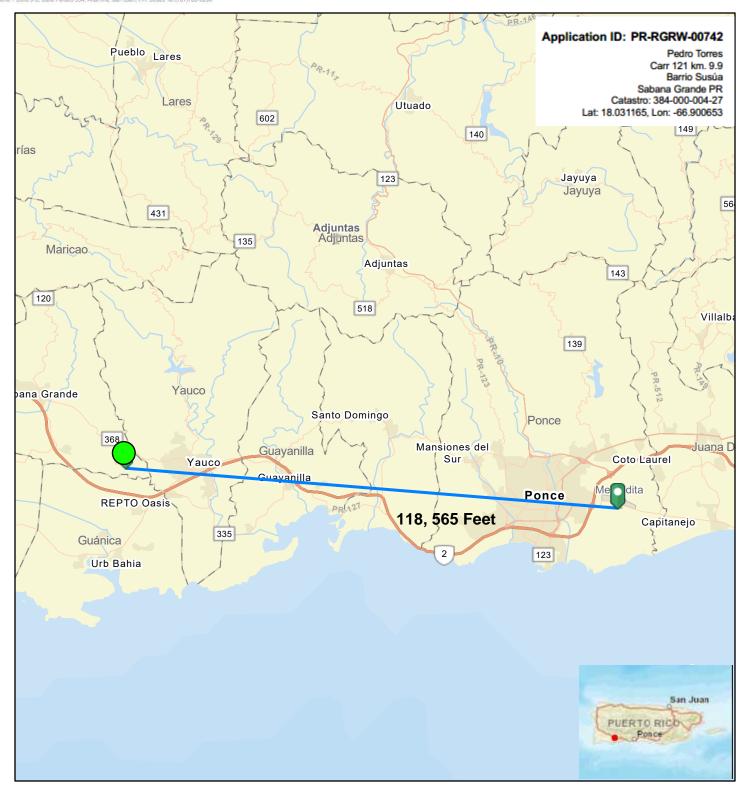


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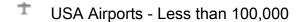
Centro de Recaudación de Ingresos Municipales (CRIM) https://catastro.crimpr.net/cdprpc/



# Figure 2 PR-RGRW-00742 Airport Map

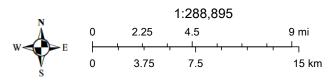


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\*\* USA Airports - Unknown (Airport)

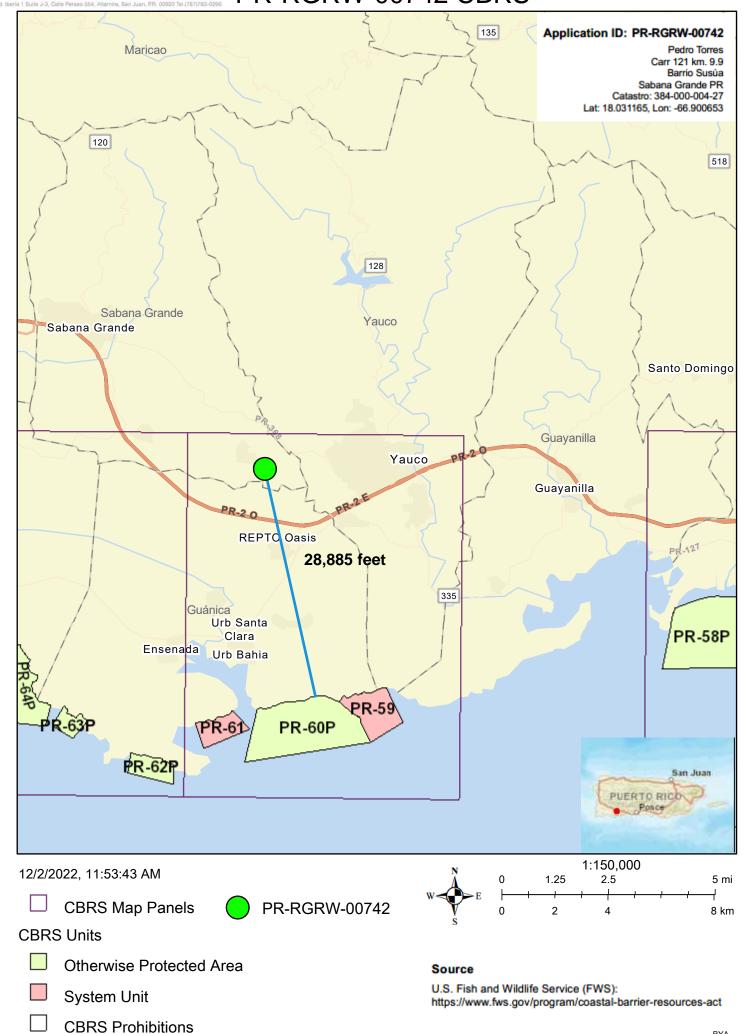
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Esri, HERE, Garmin, Foursquare, SafeGraph, METI/NASA, USGS, NPS



### Figure 3 PR-RGRW-00742 CBRS

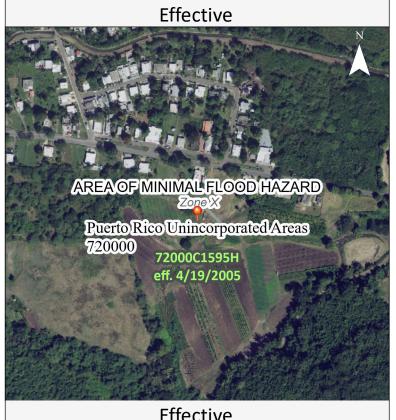


### **Comparison of Flood Hazard**

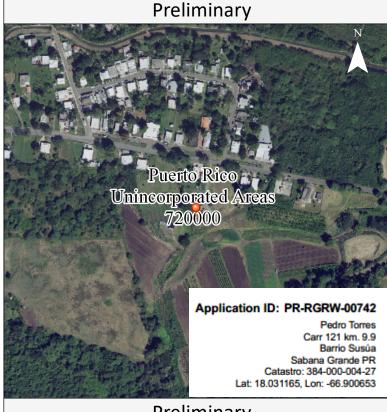
Figure 4



Effective & Preliminary Flood Hazards



Effective		
POI Longitude/Latitude	-66.9007, 18.0312	
Effective FIRM Panel	72000C1595H	
Effective Date	4/19/2005	
Flood Zone	X	
Static BFE*	Not Available	
Flood Depth	Not Available	
Vertical Datum	Not Available	



Preliminary		
POI Longitude/Latitude	-66.9007, 18.0312	
Preliminary FIRM Panel	72000C1595H	
Preliminary Issue Date	11/16/2018	
Flood Zone	Not Available	
Estimated Static BFE*	Not Available	
Estimated Flood Depth	Not Available	
Vertical Datum	Not Available	

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

Hazard Level

**Flood Hazard Zone** 

High Flood Hazard

AE, A, AH, AO, VE and V Zones. Properties in these flood zones have a 1% chance of flooding each year. This represents a 26% chance of flooding over the life of a 30-year mortgage.

Moderate Flood Hazard **Shaded Zone X.** Properties in the moderate flood risk areas also have a chance of flooding from storm events that have a less than 1% chance of occurring each year. Moderate flood risk indicates an area that may be provided flood risk reduction due to a flood control system or an area that is prone to flooding during a 0.2% annual chance storm event. These areas may have been indicated as areas of shallow flooding by your community.

**Unshaded Zone X.** Properties on higher ground and away from local flooding sources have a reduced flood risk when compared to the Moderate and High Flood Risk categories. Structures in these areas may be affected by larger storm events, in excess of the 0.2% annual chance storm event.

Low Flood Hazard

**Insurance Note:** High Risk Areas are called 'Special Flood Hazard Areas' and flood insurance is mandatory for federally backed mortgage holders. Properties in Moderate and Low Flood Risk areas may purchase flood insurance at a lower-cost rate, known as Preferred Risk Policies. See your local insurance agent or visit https://www.fema.gov/national-flood-insurance-program for more information.

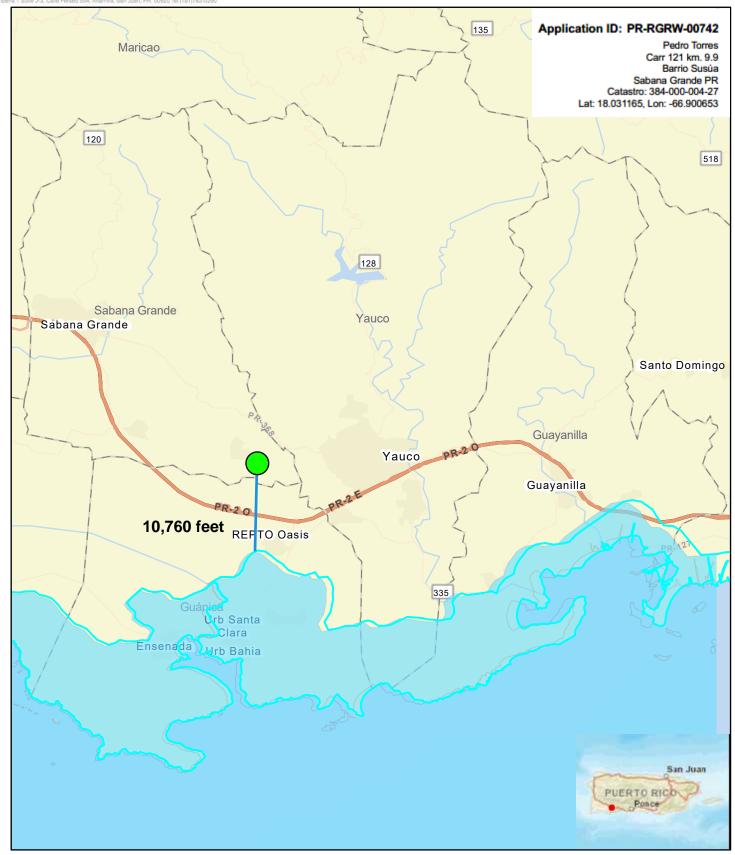
**Disclaimer:** This report is for informational purposes only and is not authorized for official use. The positional accuracy may be compromised in some areas. Please contact your local floodplain administrator for more information or go to msc.fema.gov to view an official copy of the Flood Insurance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



Service Layer Credits: USGS, USDA

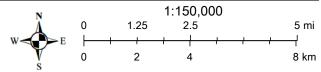


# Figure 5 PR-RGRW-00742 Coastal Zone



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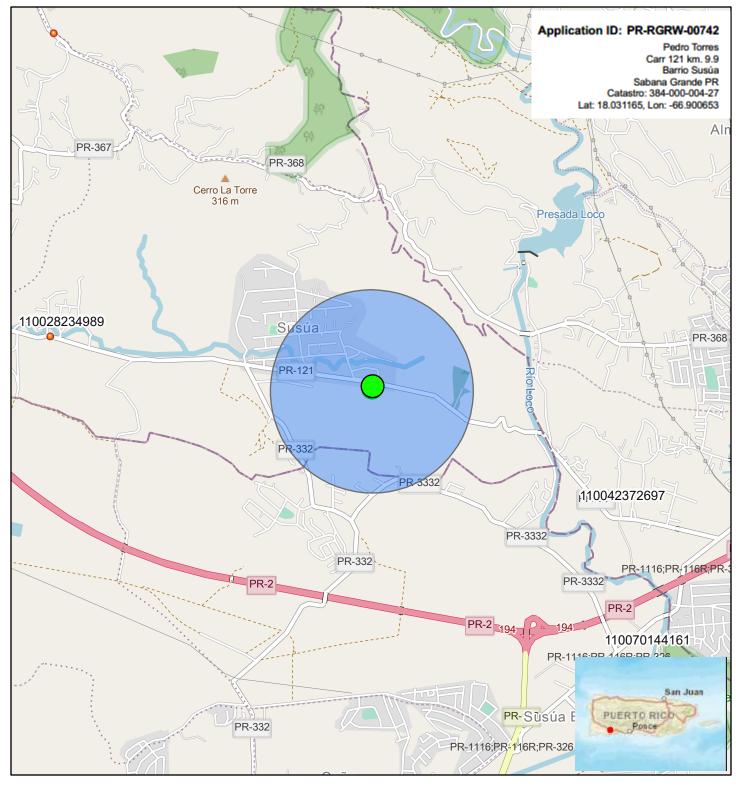


#### Source

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



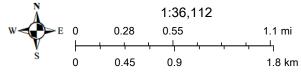
### Figure 6 PR-RGRW-00742 Toxic Map







- EPA\_DATA RCRA
- PR-RGRW-00742
- EPA\_DATA RCRA\_ACTIVE
- EPA\_DATA RCRA\_INACTIVE
- EPA\_DATA FACILITY\_INTERESTS

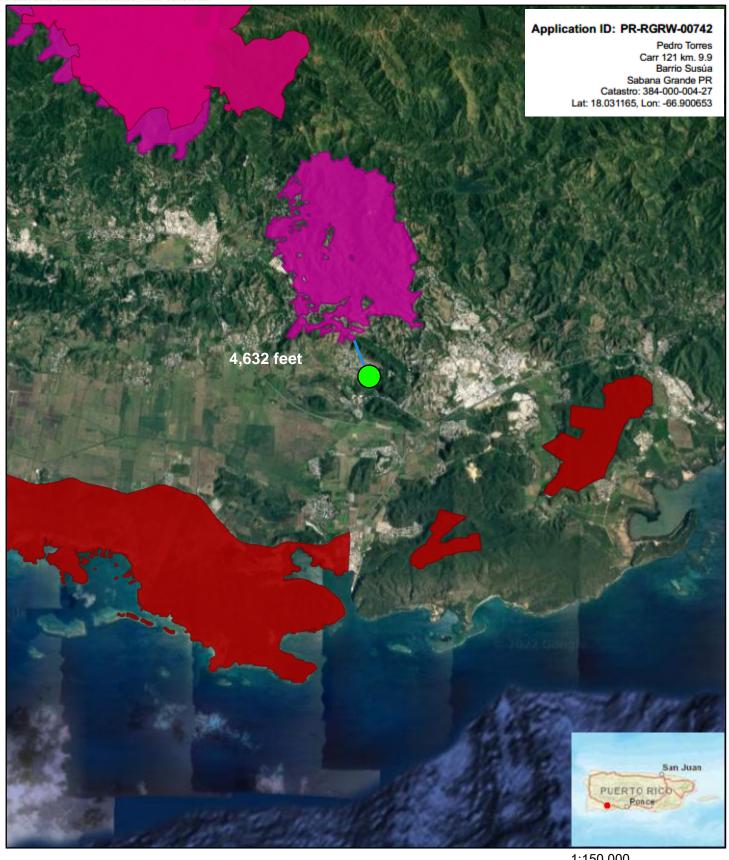


### Source

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



### Figure 7 PR-RGRW-00742 ESA



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Critical Habitat for Threatened & Endangered Species



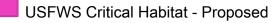


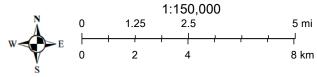
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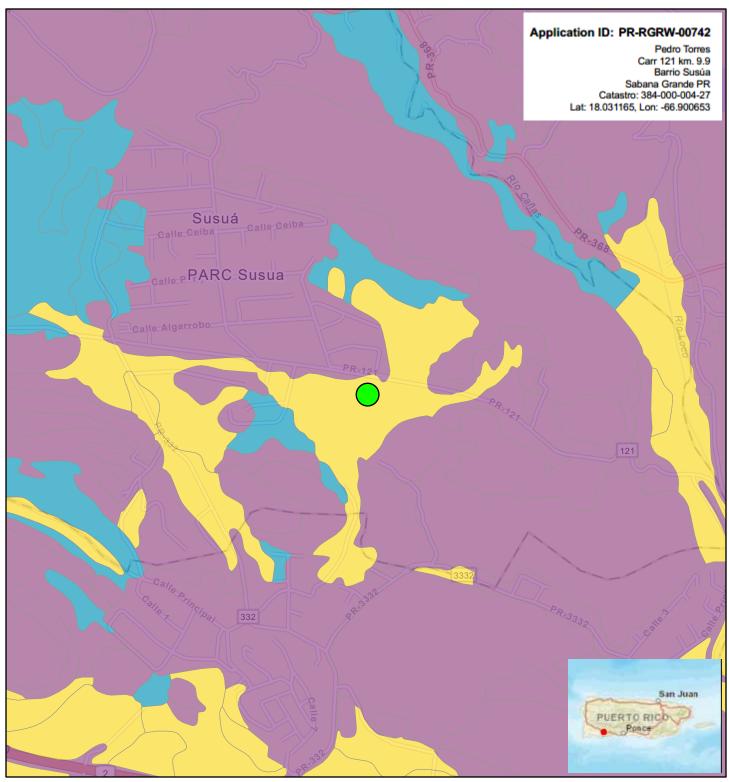


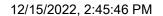


National Oceanic and Atmospheric Administration (NOAA) Office of Response and Restoration https://response.restoration.noaa.gov/



# Figure 8 PR-RGRW-00742 Farmlands





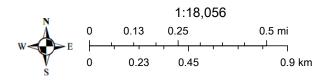
Farmland Protection

Farmland of statewide importance

Not prime farmland

Prime farmland if irrigated

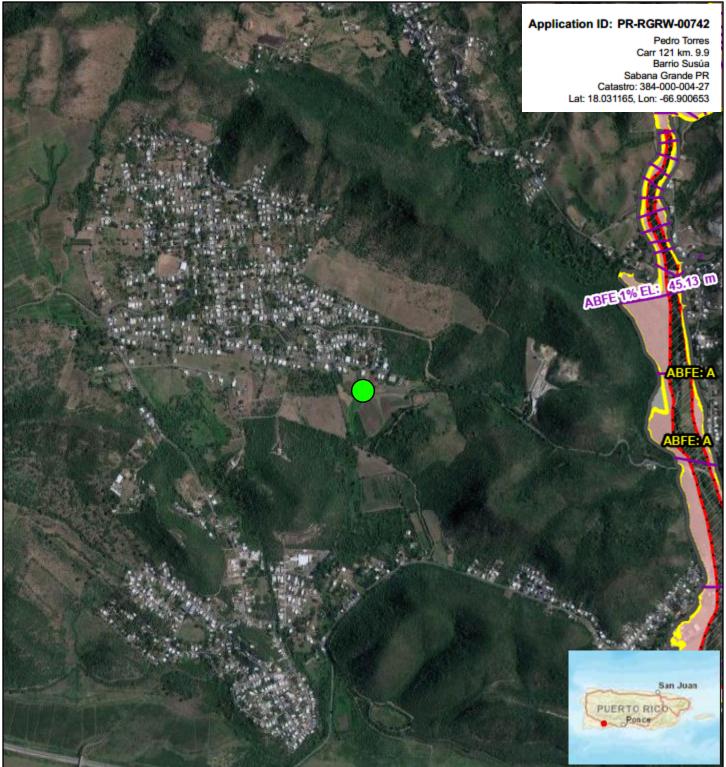




Esri Community Maps Contributors, Kadaster Netherlands, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau



### Figure 9 PR-RGRW-00742 ABFE

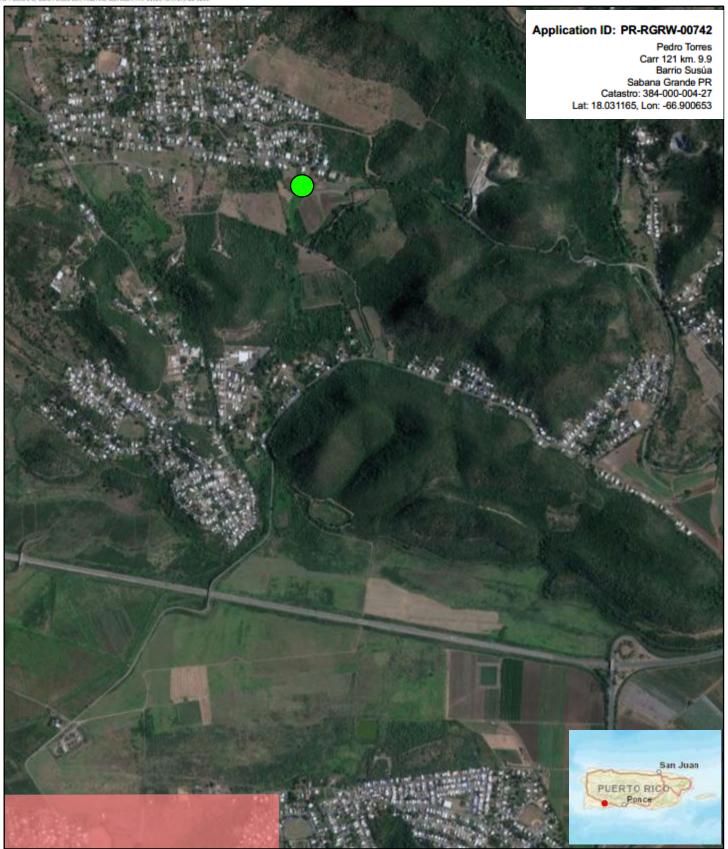




Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, FEMA, Google Earth Image 2021 © Maxar

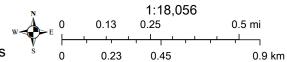


# Figure 10 PR-RGRW-00742 Historic Preservation











Cultural\_Resourses - Historic Places JP

•

Cultural\_Resourses - Cultural Value Places



Cultural\_Resourses - Archeological Resourses



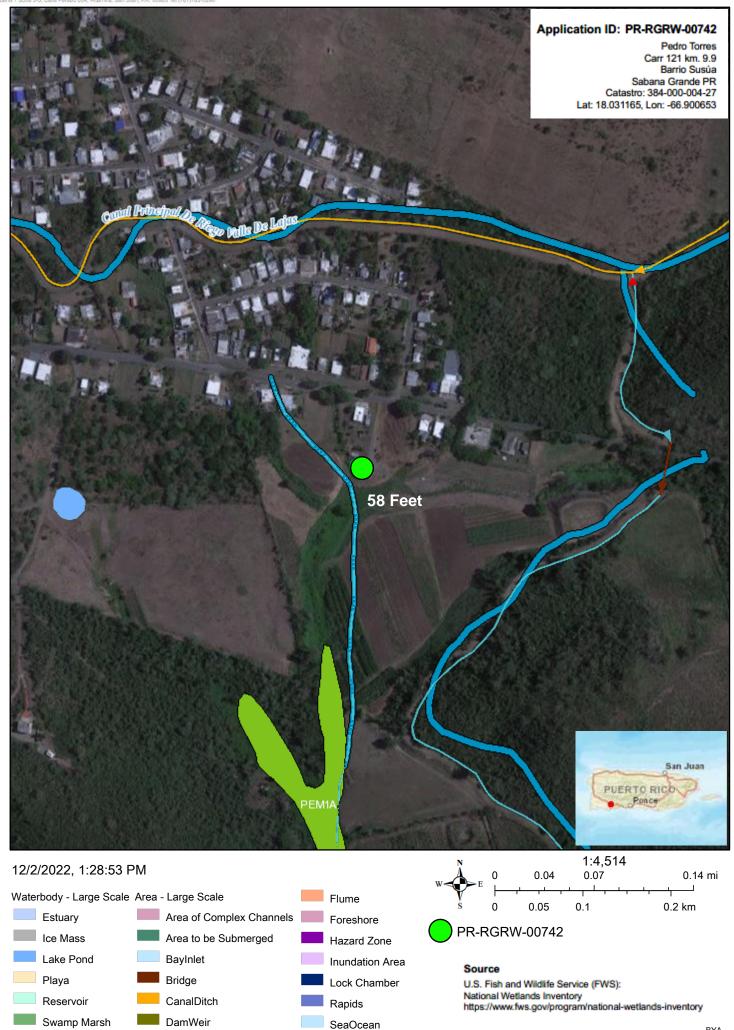
PR-RGRW-00742

#### Source

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

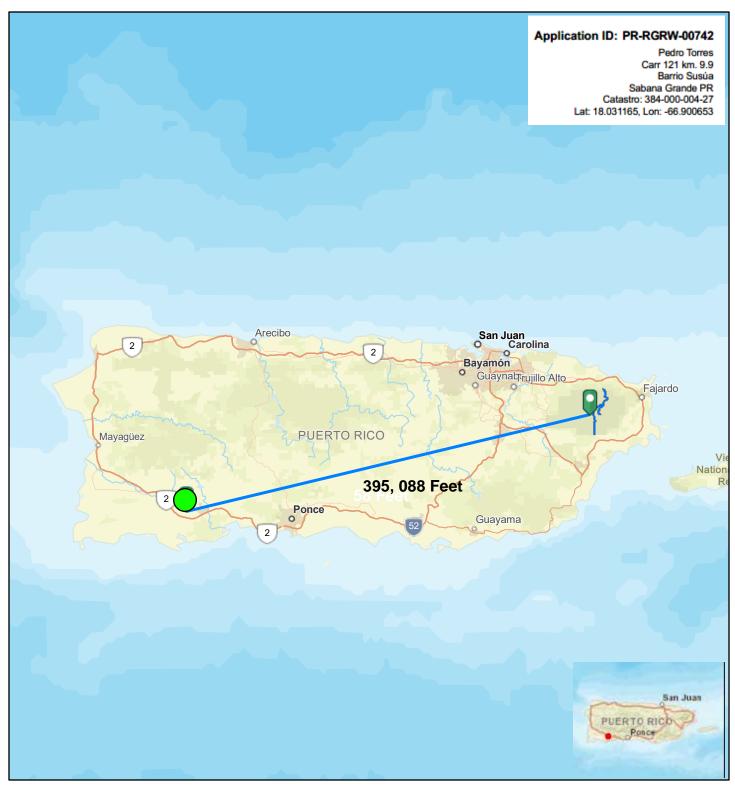


# Figure 11 PR-RGRW-00742 Wetland





# Figure 12 PR-RGRW-00742 Wild and Scenic Rivers



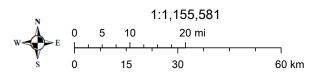
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National Wild and Scenic River Line



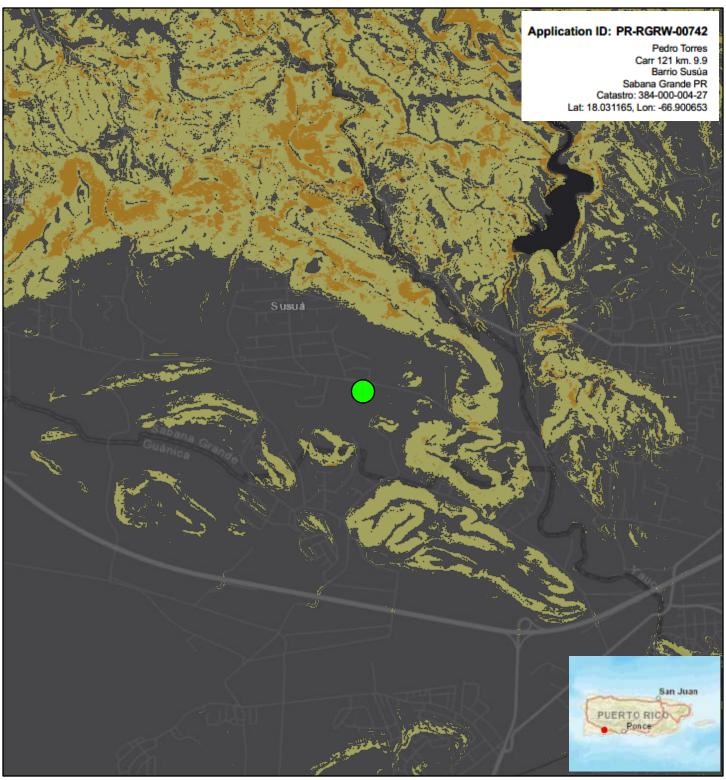
PR-RGRW-00742



Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NEC. The USDA Forcet Septime makes no warranty, expressed or implied, PR-RGRW-00742 :hantability and fitness for a particular puripose, not assume any regar liability or responsibility for the accuracy,



# Figure 13 PR-RGRW-00742 Landslide







**Appendix 1** 



### GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

November 28, 2022

### Lauren Bair Poche

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

SHPO 11-21-22-05 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL: PR-RGRW-00742 – PBFARM CORP. – CARR 121 KM 9.9, BO. SUSÚA, SABANA GRANDE, PUERTO RICO

Dear Ms. Bair,

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

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

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

Sincerely,

Carlos A. Rubio-Cancela

State Historic Preservation Officer

and approprie

CARC/GMO/MB





November 22, 2022

Carlos A. Rubio Cancela Director Ejecutivo Oficina Estatal de Conservación Histórica Cuartel de Ballajá (Tercer Piso) San Juan, PR 00902-3935

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-00742 – Pbfarm Corp. – Carr 121 km. 9.9 Barrio Susúa, Sabana Grande, Puerto Rico – *No Historic Properties Affected* 

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, we are submitting documentation for activities as proposed by PBfarm Corp at Carr 121 km 9.9 Barrio Susúa in the municipality of Sabana Grande. The undertaking consists of the installation of a new shipping container to be used as a storage/warehouse.

Based on the submitted documentation prepared by SOI-qualified Archaeologist Jaqueline López Meléndez, the Program requests a concurrence that a determination of No Historic Properties Affected is appropriate for this proposed project.

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



Kindest regards,

Lauren Bair Poche

Architectural Historian, Historic Preservation Senior Manager

**Enclosures** 

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: Pbfarm Corp.	
Case ID: PR-RGRW-00742	City: Sabana Grande

Project Location: Carr 121 km. 9.9 Barrio Susúa, Sabana Grande

Project Coordinates: 18.031165, -66.900653

TPID (Número de Catastro): 384-000-004-27

Type of Undertaking:

☐ Substantial Repair

☑ New Construction

Construction Date (AH est.): n/a

Property Size (acres): 49.44

SOI-Qualified Archaeologist: Site Visit by: Jaqueline López Meléndez, October 15, 2022

Date Reviewed: November 16, 2022

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

### Project Description (Undertaking)

The undertaking consists of the installation of a 60 feet X 40 feet storage/warehouse (shipping container). There is another storage/warehouse located within the same parcel, right next to where the new one will be constructed. The terrain is overall flat. The storage will be located approximately 75 meters from the entrance of the farm. The existing area for the proposed placements is used for agricultural purposes. The activity does not involve any ground disturbance.

#### **Area of Potential Effects**

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the business, the APE has been defined as the area potentially impacted by the warehouse facility (Figure 1). The warehouse will be placed above ground in an area of 60 feet by 40 feet.

### Identification of Historic Properties – Archaeology

A Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), conducted background research to identify archaeological surveys, previously recorded archaeological sites, and National Register districts within a 0.5 miles radius. Background research indicates no resources are present within the 0.50 miles study area. The only archaeological resource within the 0.50-mile radius is the Grúa de Caña (\$G0200013) located 0.25 miles east of the APE (see table).

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: Pbfarm Corp.	
Case ID: PR-RGRW-00742	City: Sabana Grande

One (1) cultural resource study have been carried out within a 0.5-mi radius of the project area, with negative results (see Table).

The project area does not have cultural resources that are included in or eligible for the National Register of Historic Places (NRHP) or in a Traditional Urban Center or Historic District. According to the soil book in the project area we have Fraternidad clay, 2 to 5 percent slopes (FrB). This soil is on terraces in the coastal plains. Slow permeability, poor workability, slope, and low rainfall are moderate limitations for farming.

The project area has a flat topography.

On October 15, 2022, we visually inspected the project area. The area where the shipping container will be placed has good visibility. The project area has a flat topography and the use of heavy machinery to create the plain is notable. To the south the terrain is on a lower plane. During the visual inspection of the exposed surface, we found no evidence of archaeological cultural resources within the APE.

#### **Determination**

Based on the results of our efforts to identify historic properties, we have concluded that the project actions will not affect the historic properties that comprise the Area of Potential Effect.

Review of existing archaeological information and the results of the surface survey of the project area indicate that there is only one archaeological site within the 0.50-mile radius study area. This site consists of a 20th century cane crane located 0.25 miles east of the APE.

Review of existing background information found that the proposed project area is not within the boundaries or visual APE of an eligible / listed National Register of Historic Places (NRHP) nor to a Traditional Urban Center / Historic District. Visual inspection of the APE and its surroundings found no evidence of cultural materials.

The impact that the area suffered to level the terrain altered the original site. The work to be performed in the area with the installation of the container will not require the removal or excavation of the already disturbed topography.

We have concluded that the undertaking will not affect any historic properties and that a determination of no historic properties is appropriate for this project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Pbfarm Corp.	
Case ID: PR-RGRW-00742	City: Sabana Grande

Case ID: PR-RGRW-00742

<u>**Project Coordinates:**</u> 18.031165, -66.900653

# Table of archaeological sites, historic properties and historic districts located within the project area or within a 0.50-mile radius

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP (listed, eligible, non- eligible, no data)
Grúa de	SG0200013	-	0.25 mi E	20 <sup>th</sup> Century cane	-
caña				crane	

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

Autl	hor	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Dir ection
Antonio I	Daubón	IA-IB/ Sistema Sanitario Comunidades Liborio- Negrón y Lluberas y Troncal Sanitaria 10", PR- 2 y PR-368	1994	ICP/CAT-SD- 94-01-07	Negative	0.04 mi NW

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: Pbfarm Corp.	
Case ID: PR-RGRW-00742	City: Sabana Grande
Recommendation (Please keep on same page as SF	HPO Staff Section)
The Puerto Rico Department of Housing requests tho following determination is appropriate for the undert	
No Historic Properties Affected     ■ No Historic Properties	
□ No Adverse Effect	
Condition (if applicable):	
□ Adverse Effect	
Proposed Resolution (if appliable)	
This Section is to be Completed	by SHPO Staff Only
The Puerto Rico State Historic Preservation Office I and:	
□ <b>Concurs</b> with the information provided.	
□ <b>Does not concur</b> with the information provided.	
Comments:	
Commenis.	

Date:

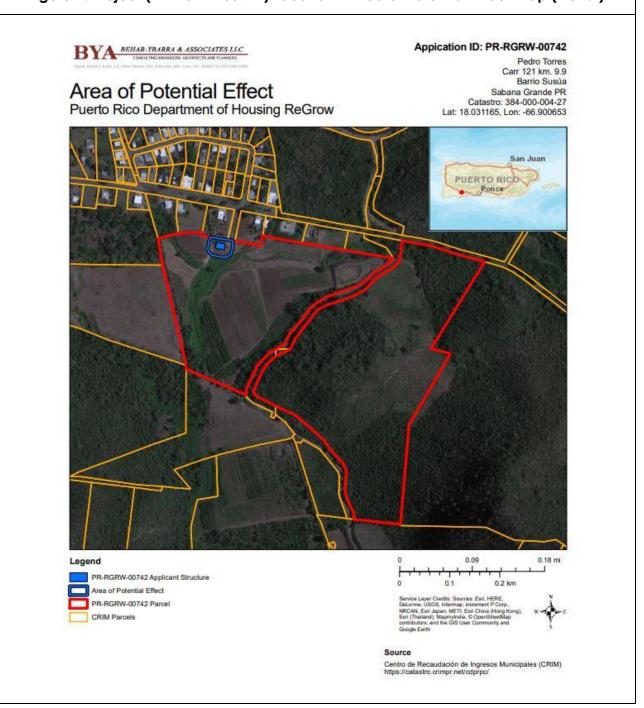
Carlos Rubio-Cancela

State Historic Preservation Officer



Case ID: PR-RGRW-00742 City: Sabana Grande

### Figure 1. Project (PR-RGRW-00742) Location – Area of Potential Effect Map (Aerial)





Case ID: PR-RGRW-00742 City: Sabana Grande

### Figure 2. Project (PR-RGRW-00742) Location - Aerial Map



# Location: Aerial Map Puerto Rico Department of Housing ReGrow

#### Appication ID: PR-RGRW-00742

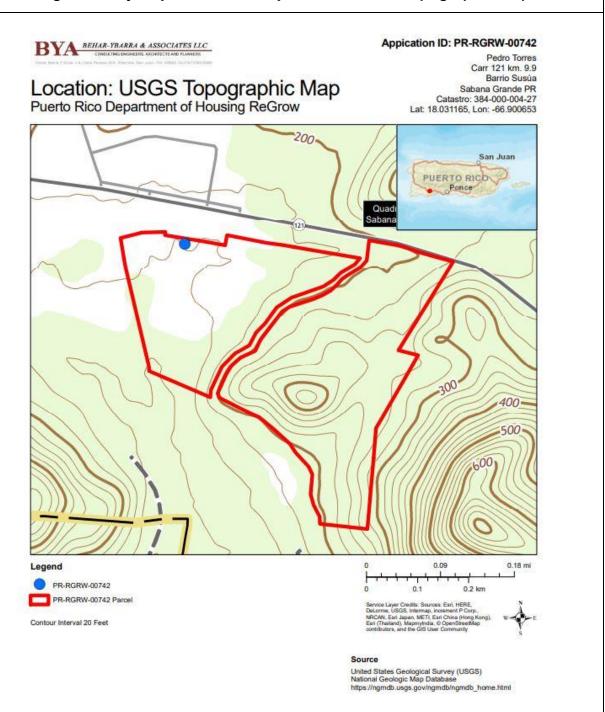
Pedro Torres Carr 121 km. 9.9 Barrio Susúa Sabana Grande PR Catastro: 384-000-004-27





Case ID: PR-RGRW-00742 City: Sabana Grande

Figure 3. Project (PR-RGRW-00742) Location – USGS Topographic Map





Case ID: PR-RGRW-00742 City: Sabana Grande

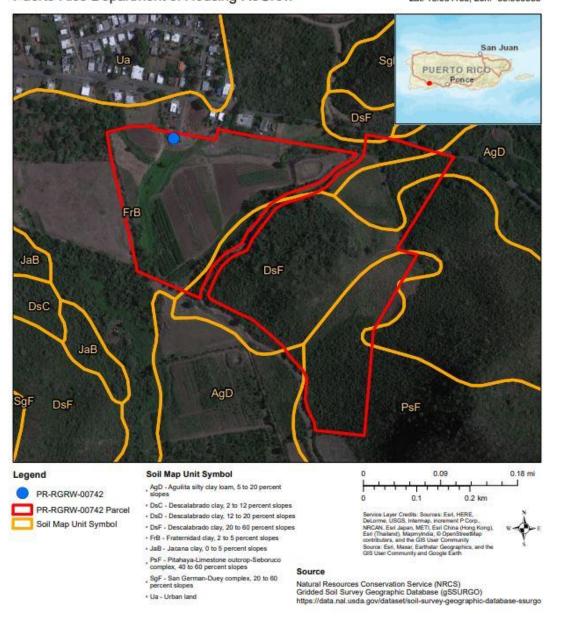
### Project (PR-RGRW-00742) Location – Soils Map



### Soils Map Puerto Rico Department of Housing ReGrow

### Appication ID: PR-RGRW-00742

Pedro Torres Carr 121 km. 9.9 Barrio Susúa Sabana Grande PR Catastro: 384-000-004-27 Lat: 18.031165, Lon: -66.900653





Case ID: PR-RGRW-00742

City: Sabana Grande

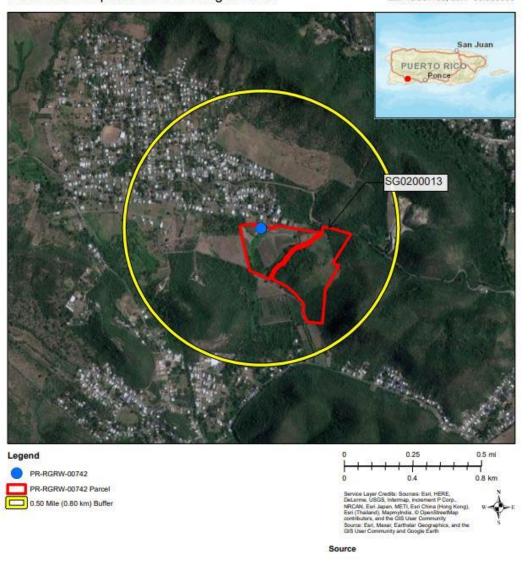
### Project (PR-RGRW-00742) Location with Previous Investigations - Aerial Map



### Previous Investigations: Aerial Map Puerto Rico Department of Housing ReGrow

#### Appication ID: PR-RGRW-00742

Pedro Torres Carr 121 km. 9.9 Barrio Susúa Sabana Grande PR Catastro: 384-000-004-27 Lat: 18.031165, Lon: -66.900653





Contour Interval 20 Feet

Case ID: PR-RGRW-00742 City: Sabana Grande

### Project (PR-RGRW-00742) Location with Previously Recorded Cultural Resources **USGS Topographic Map** BYA BEHAR-YBARRA & ASSOCIATES LLC Appication ID: PR-RGRW-00742 Pedro Torres Carr 121 km. 9.9 Barrio Susúa Previous Investigations: USGS Topographic Map Sabana Grande PR Catastro: 384-000-004-27 Puerto Rico Department of Housing ReGrow Lat: 18.031165, Lon: -66.900653 San Juan PUERTO RICO CL CLAVEL Llveras CLL PARQUE CLL ALGARROB SG0200013 121 3332 Legend PR-RGRW-00742 PR-RGRW-00742 Parcel 0.50 Mile (0.80 km) Buffer

Source

United States Geological Survey (USGS) National Geologic Map Database https://ngmdb.usgs.gov/ngmdb/ngmdb\_home.html PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination



**Subrecipient:** Pbfarm Corp.

Case ID: PR-RGRW-00742 City: Sabana Grande

### Photograph Key



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination



**Subrecipient:** Pbfarm Corp.

Case ID: PR-RGRW-00742

City: Sabana Grande



Photo #: 1

Date: October 15, 2022

Description (include direction): Project area looking north.



Photo #: 2

Date: Date: October 15, 2022

Description (include direction): Project area looking east.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination



**Subrecipient:** Pbfarm Corp.

Case ID: PR-RGRW-00742 City: Sabana Grande



Photo #: 3

Date: October 15, 2022

Description (include direction): Project area looking southwest.



Photo #: 4

Date: Date: October 15, 2022

Description (include direction): Project area looking west.



October 20, 2022

### Arch. Carlos A. Rubio Cancela

Executive Director State Historic Preservation Officer Cuartel de Ballajá Bldg. San Juan, Puerto Rico

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

Juan C Pérez Bofill, P.E. M.Eng Director of Disaster Recovery CDBG DR-MIT