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

## **Project Information**

Project ID: PR-RGRW-00652

Project Name: Sanfer Inland Products

Responsible Entity: Puerto Rico Department of Housing

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

State/Local Identifier: Puerto Rico / San Lorenzo, PR

Preparer: Yazmin Acevedo

**Certifying Officer Name and Title:** Permit and Environmental Compliance Officers: Sally Acevedo Cosme, Pedro de León Rodriguez, María T. Torres Bregon, Ivelisse Lorenzo, Angel Gabriel Lopez Guzman, Santa Ramirez, and Janette Cambrelén

Consultant: Behar Ybarra & Associates LLC

#### **Project Location**:

Carr. 183 Ramal 916 Km. 3.8 Barrio Quebrada Arena Sector Los Zayas, San Lorenzo, PR 00754

Greenhouse latitude 18.138677, longitude -65.957751

Parcel cadastral # 302-000-004-15

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

Purchase and installation of a 60 feet x 100 feet greenhouse structure with irrigation system, arches on the ceiling in 1 1/2 -inch pipes with a 2 -inch anchor for cultivation of recao and sweet pepper. A site Map is included in Figure 1, illustrating the location of the greenhouse on the property. Photos of the greenhouse 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 greenhouse placement 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 greenhouse placement is used for agricultural purposes. Therefore, there is no change in land use associated with this greenhouse placement.

#### **Funding Information**

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

#### Estimated Total HUD Funded Amount: \$48,600.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$48,600.00

# 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.

<b>Compliance Factors</b> : 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 REGULAT	ONS LISTED AT 24 CFR 58.6
<b>Airport Hazards</b> 24 CFR Part 51 Subpart D	Yes No	This project consists only of purchase and installation of a greenhouse 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 110,702 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 59,453 feet northwest of the nearest CBRS (PR-39). 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 72000C1240J, 11/18/2009. The project does not require flood insurance or is excepted from flood insurance. See attached Flood Map, Figure 4.

STATUTES, EXECUTIVE ORDERS,	STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.5		
<b>Clean Air</b> 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 equipment (greenhouse) 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.
<b>Coastal Zone Management</b> Coastal Zone Management Act, sections 307(c) & (d)	Yes	No	The project is located 41,119 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.
<b>Contamination and Toxic</b> <b>Substances</b> 24 CFR Part 58.5(i)(2)	Yes	No	This project consists of the purchase and installation of equipment for an agricultural project and there are no toxic sites located within 3,000 feet of the project area. See attached Toxics Map, Figure 6.
Endangered Species 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 10,840 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 a greenhouse. 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 located in an area classified as Not prime farmland. The project is in compliance with the Farmland Protection Policy Act. See the attached Farmlands map. Figure 8.
<b>Floodplain Management</b> Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No	The project is located in a Zone X, Panel 72000C1240J, 11/18/2009. 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 September 30, 2022 by SOI-qualified archaeologist. Documentation with photographs and maps was subsequently submitted to SHPO (attached). In a response from PR SHPO dated November 1, 2022, SHPO concurred with a finding of <b>No Historic</b> <b>Properties Affected</b> 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). The greenhouse will be installed on bare soil. There will be no ground disturbance. Therefore, this activity is in compliance.

Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No	This project consists only of purchase and installation of a greenhouse 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 on the parcel associated with an unnamed creek. However, the wetland is not within or near the project area. 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 21,260 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. It will continue to be used to agriculture purposes. There is no ground disturbance or change in land use. The landslide data indicates moderate landslide susceptibility (Figure 13). 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	2	There are no specific environmental hazards that have been identified for this site. The site is not in a high Noise

including Site Safety and 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		The project should not trigger any additional energy consumption since the project is a purchase and installation of a new greenhouse on an existing agricultural farm and will not require any expansion to existing power facilities.
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. However, since the project will include an economic component, it may aid in restoring some employment opportunities and income patterns.
Demographic Character Changes, Displacement	2	The proposed project will not alter the demographic characteristics of San Lorenzo, PR.

Environmental Assessment Factor	Impact Code	Impact Evaluation	
COMMUNITY FA	COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project consists of the purchase and installation of a greenhouse on bare ground 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 a greenhouse on bare ground 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 require additional water supply but not from a municipal water supply. The water will come from an onsite water tank filled by the proponent. 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 a greenhouse on bare ground 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 a greenhouse 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 in land previously used for agricultural purposes and will continue in that capacity. There may be wildlife attracted to the greenhouse but no negative impact on wildlife.

Climate Change	2	There will be no impact on the climate due to this work.
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Additional Studies Performed: Not applicable.

Field Inspection (Date and completed by): September 30, 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: <u>www.faa.gov/airports/planning\_capacity/npias/reports/NPIAS-Report-2017-2021-</u> Appendix-B-Part6.pdf

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. www.nature.nps.gov/nnl/docs/NNLRegistry.pdf

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

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

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

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: <u>http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt</u>

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

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

US Fish and Wildlife Service, Environmental Conservation Online System: <u>https://ecos.fws.gov/ecp0/reports/species-listed-by-state-report?state=PR&status=listed</u> Federal Emergency Management Agency, Flood Mapping Service: <u>https://msc.fema.gov/portal/home (</u>compilation of numerous maps)

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

US Fish and Wildlife Service, National Wetlands Inventory: <u>www.fws.gov/wetlands/data/mapper.html</u> (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, <u>https://doi:10.5066/F7JD4VRF</u>

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 will public FONSI/NOI-RROF in compliance of NEPA regs 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 greenhouse 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 greenhouse which would inhibit the economic growth opportunity that the applicant would not otherwise have under the PRDOH Re-Grow Puerto Rico program. As a result, these owners may not be able to experience the growth needed to recover and expand their agriculture activities. A provision of the grant allows for economic development for businesses. The No-Action alternative would not allow for the economic development for this applicant.

**Summary of Findings and Conclusions:** The proposed activity has been found to not have any adverse effects on the environmental 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:

$\boxtimes$	Finding of No Significant Impact [2	24 CFR 58.40(g)(1); 40 CFR 1508.27]	
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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.

	Lacenedo
Preparer Signature: _	4

\_\_\_\_Date:\_11.22.2022\_

Name/Title/Organization: <u>Yazmín M. Acevedo / Environmental Specialist/ Behar Ybarra</u> <u>& Associates LLC</u>

Certifying Officer Signature:	J. Carl	Date:4/25/2023
	0	

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).



Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects24 CFR Part 58

**Figures** 

#### Application ID: PR-RGRW-00652

Sanfer Inland Products Carr. 916 Km. 2.1 Barrio Quebrada Arena Sector Los Zayas San Lorenzo PR 00754 Catastro: 302-000-004-15-000 Lat: 18.138677, Lon: -65.957751

# San Juan PUERTO RIC Ponce **PR-RGRW-00652**

#### Legend



PR-RGRW-00652 Parcel

BYA BEHAR-YBARRA & ASSOCIATES LLC

Location: Aerial Map

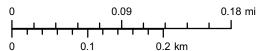
Figure 1

CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

an. P.R. 00920 Tel.(787)78

Puerto Rico Department of Housing ReGrow

**CRIM** Parcels



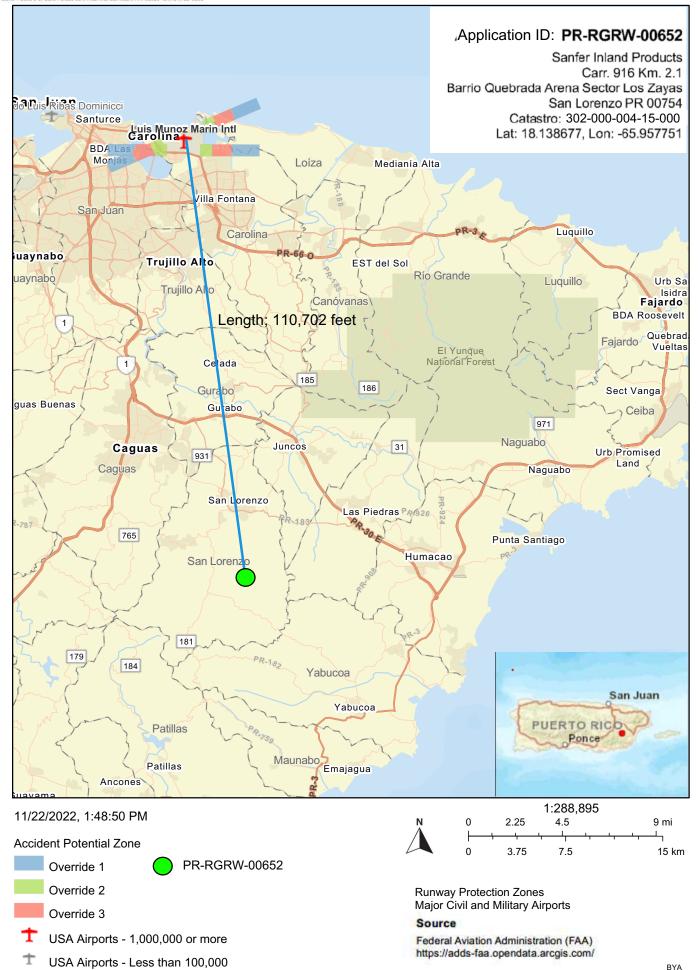
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap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



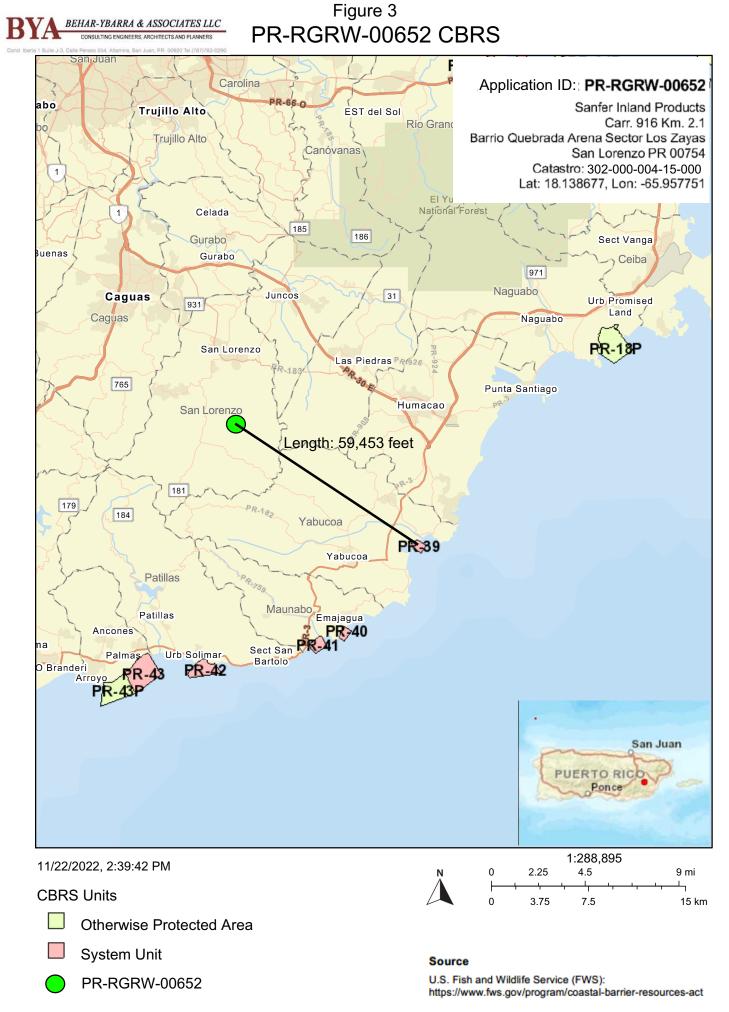
Centro de Recaudación de Ingresos Municipales (CRIM) https://catastro.crimpr.net/cdprpc/

BYA BEHAR-YBARRA & ASSOCIATES LLC CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

# Figure 2 PR-RGRW-00652 Airport



Google Earth Image 2021 @ Maxar Technologies; @ Image 2021 CNES/Airbus | GoogleEarth | USGS National Map 3D Elevation Program (3DEP). September 7, 2022. | FEMA | The USDA Forest



# **Comparison of Flood Hazard**

Figure 4



**Effective & Preliminary Flood Hazards** 

Effective		Prelimi	inary
Effective		Application ID: PR-RGRW-00652 Sanfer Inland Products Carr. 916 Km. 2.1 Barrio Quebrada Arena Sector Los Zayas San Lorenzo PR 00754 Catastro: 302-000-004-15-000 Lat: 18.138677, Lon: -65.957751 Puerto Rico Unincorporated Areas 720000	
Effecti	ve	Prelimi	inary
POI Longitude/Latitude	-65.9578 <i>,</i> 18.1386	POI Longitude/Latitude	-65.9578, 18.1386
Effective FIRM Panel	72000C1240J	Preliminary FIRM Panel	72000C1240J
Effective Date	11/18/2009	Preliminary Issue Date	11/16/2018
Flood Zone	X	Flood Zone	Not Available
Static BFE*	Not Available	Estimated Static BFE*	Not Available
Flood Depth	Not Available	Estimated Flood Depth	Not Available
Vertical Datum	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 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 **High Flood Hazard** the life of a 30-year mortgage. Moderate Flood 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 occuring 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 Hazard 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. Insurance Note: High Risk Areas are called 'Special Flood Hazard Areas' and flood insurance is mandatory for federally backed mortgage holders. Low Flood Hazard 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 Laver Credits: USGS. USDA BEHAR-YBARRA & ASSOCIATES LLC

CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS

d. Iberia 1 Suite J-3, Calle Perseo 554, Altamira, San Juan, PR. 00920 Tel.(787)783-0290



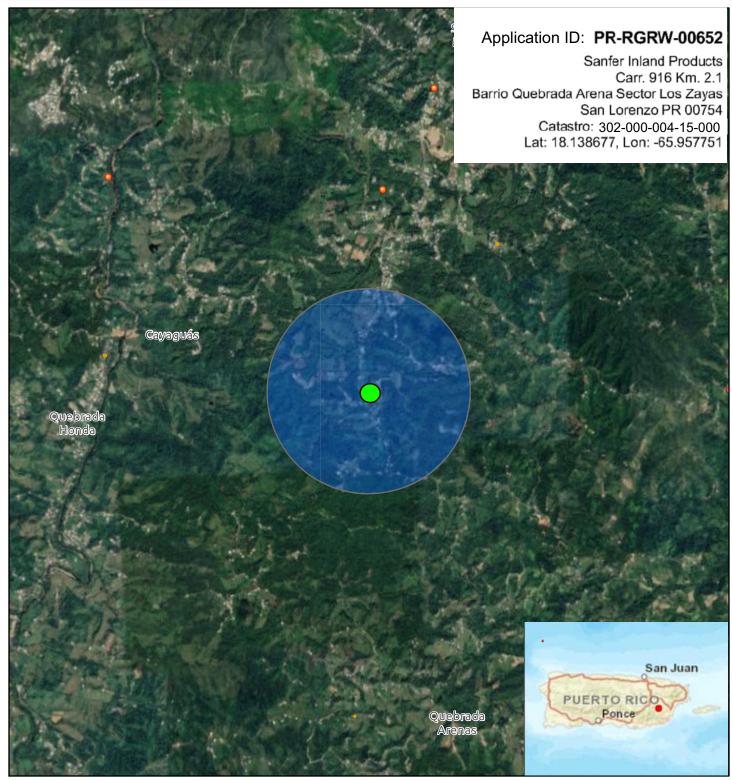
Source

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

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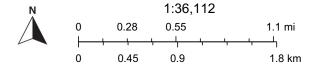
# Figure 6 PR-RGRW-00652 Toxic



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BufferedFeatures

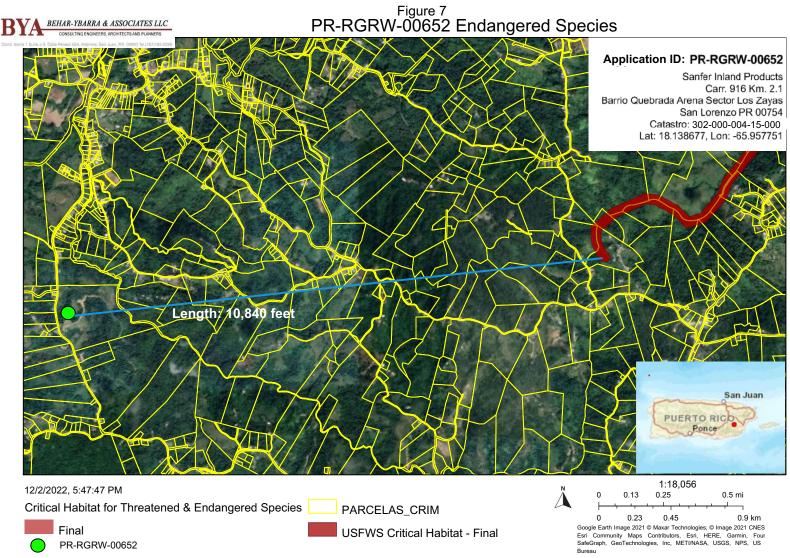
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- PR-RGRW-00652



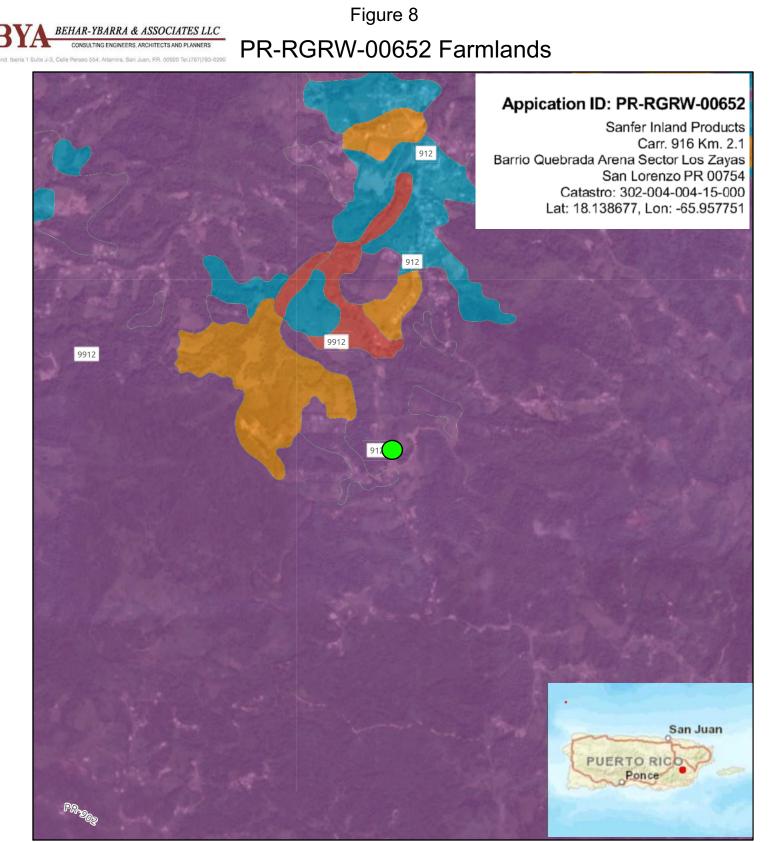
#### Source

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

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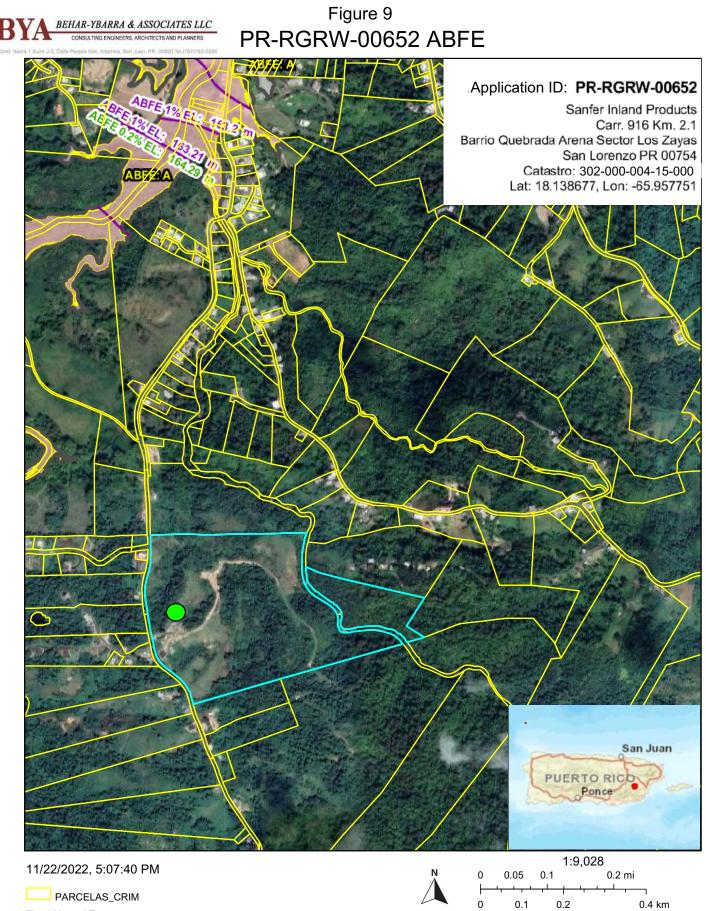
Source: https://www.arcgis.com/home/webmap/viewer.html?url=https://services.arcgis.com/QVENGdaPbd4LUkLV/ArcGIS/rest/services/USFWS\_Critical\_Habitat/FeatureServer&source=sd BYA Google Earth Image 2021 © Maxar Technologies; © Image 2021 CNES/Airbus | GoogleEarth | USGS National Map 3D Elevation Program (3DEP). September 7, 2022. | FEMA | The USDA Forest Service makes no warranty, expressed or implied, including the warranties of merchantability and





Google Earth Image 2021 @ Maxar Technologies; @ Image 2021 CNES/Airbus | GoogleEarth | USGS National Map 3D Elevation Program (3DEP). September 7, 2022. | FEMA | The USDA Forest

Prime farmland if drained



Flood Hazard Zone А

PR-RGRW-00652

X 0.2% Annual Chance Flood Zone/BFE Boundary

Flood Hazard Extent

1% Annual Chance Flood

Federal Emergency Management Agency (FEMA) FEMA's National Flood Hazard Layer https://www.fema.gov/flood-maps/national-flood-hazard-layer

Source

BYA

Google Earth Image 2021 © Maxar Technologies; © Image 2021 CNES/Airbus | GoogleEarth | USGS National Map 3D Elevation Program (3DEP). September 7, 2022. | FEMA | The USDA Forest

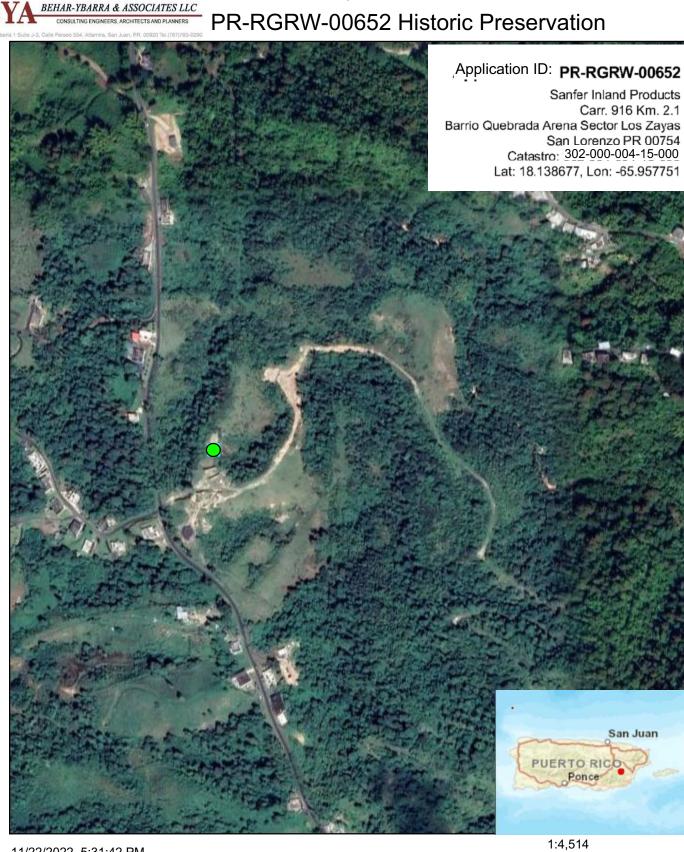
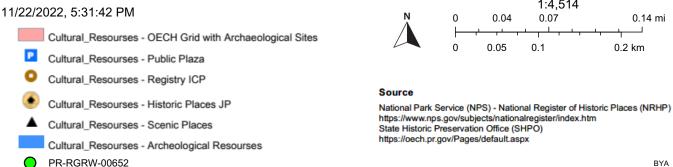
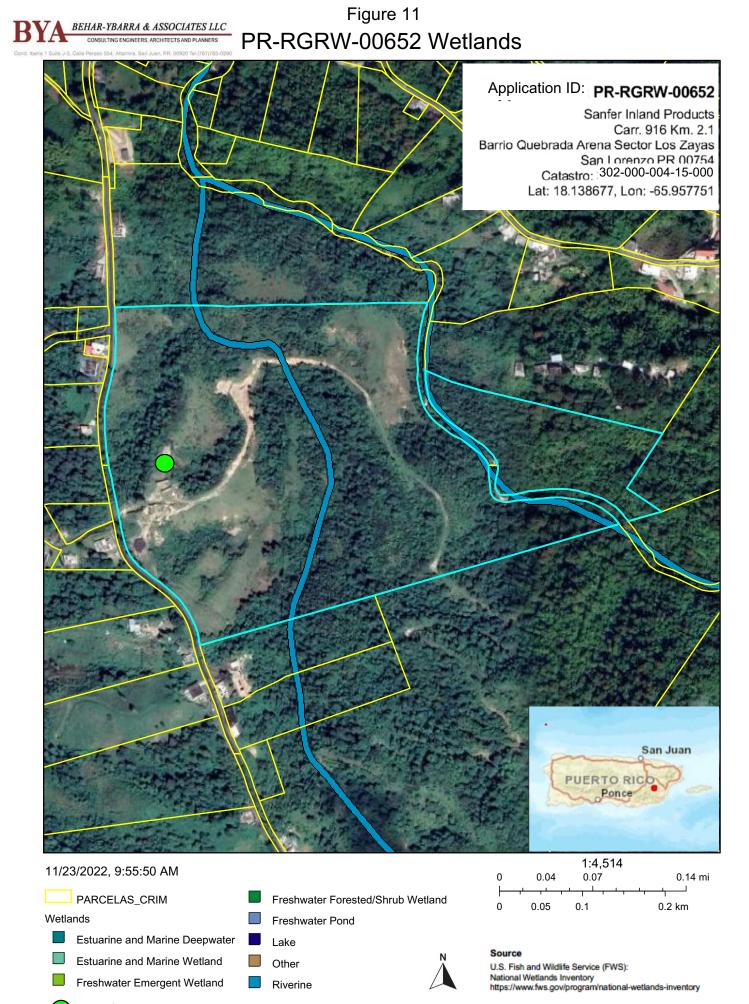


Figure 10



-..-Google Earth Image 2021 © Maxar Technologies; © Image 2021 CNES/Airbus | GoogleEarth | USGS National Map 3D Elevation Program (3DEP). September 7, 2022. | FEMA | The USDA Forest

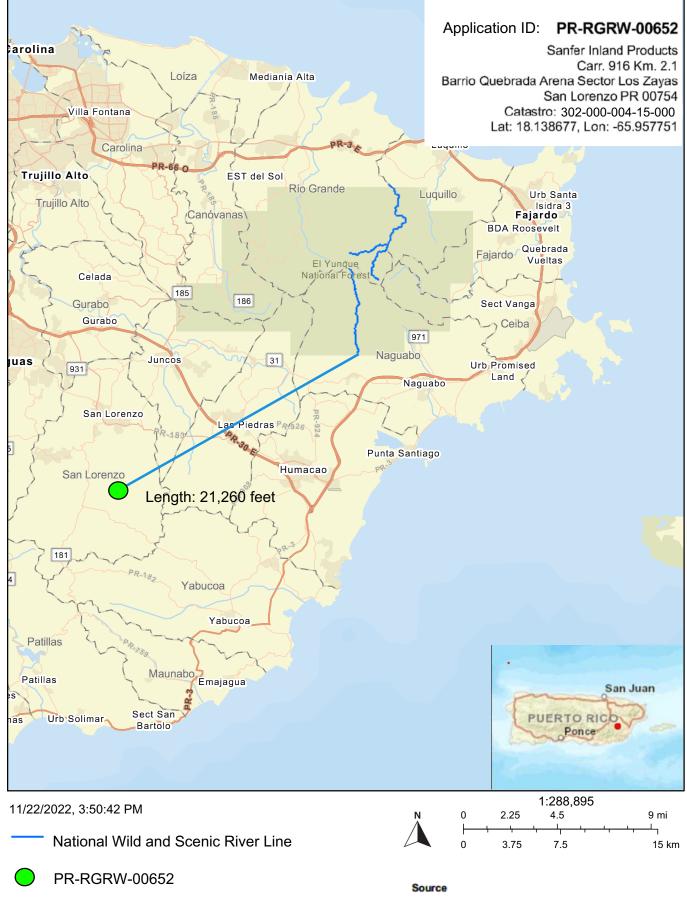


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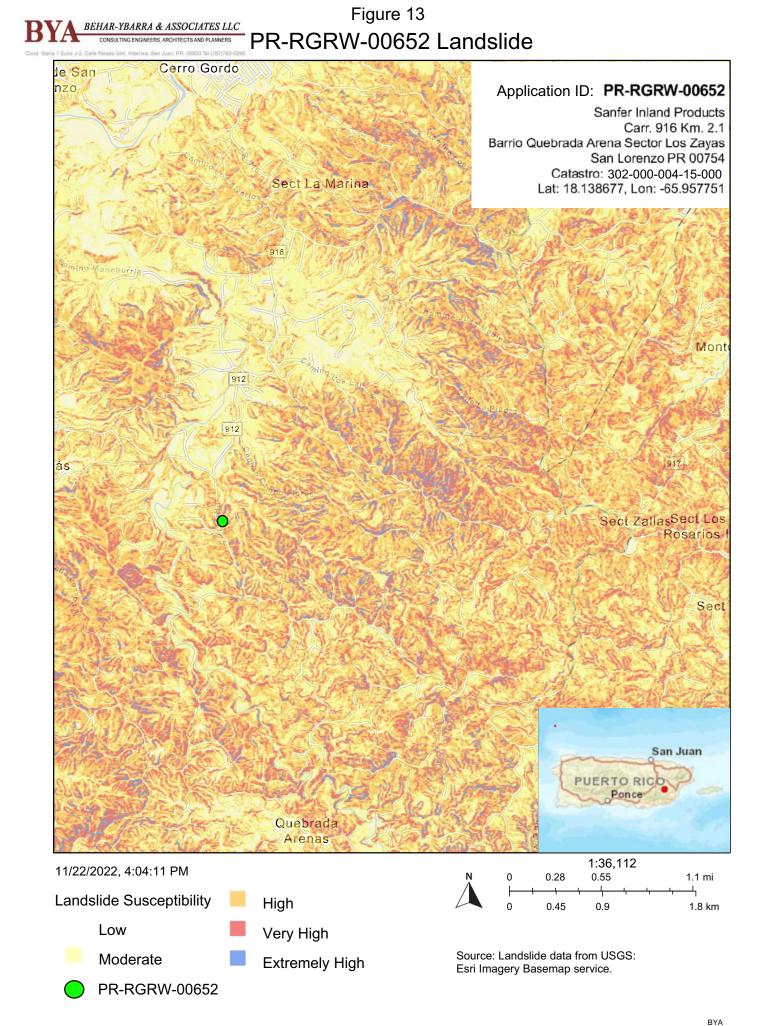
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# Figure 12 PR-RGRW-00652 Wild & Scenic



U.S. Fish and Wildlife Service (FWS) National Wild and Scenic Rivers System https://www.rivers.gov/mapping-gis.php





Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects24 CFR Part 58

Appendix 1



# GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

November 1, 2022

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

SHPO 10-20-22-03 SECTION 106 NHPA EFFECT DETERMINATION SUBMITTAL: PR-RGRW-00652 – SANFER INLAND PRODUCTS – CARR. 916 KM 2.1, BO. QUEBRADA ARENA, SECTOR LOS ZAYAS, SAN LORENZO, 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,

anh C

Carlos A. Rubio-Cancela State Historic Preservation Officer

CARC/GMO/MB



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



October 20, 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-00652 – Sanfer Inland Products – Carr. 916 Km 2.1, Bo. Quebrada Arena, Sector Los Zayas, San Lorenzo, Puerto Rico

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 new construction activities by Sanfer Inland Products at Carr. 916 KM 2.1, Bo. Quebrada Arena, Sector Los Zayas in the municipality of San Lorenzo. The undertaking consists of the construction of one new greenhouse on the parcel, which is currently undeveloped.

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,

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Lauren Bair Poche Architectural Historian, Historic Preservation Manager Enclosures



Case ID: PR-RGRW-00652

Applicant: Sanfer Inland Products

City: San Lorenzo

Project Location: Carr. 916 Km 2.1 Bo. Quebrado	Arong Sactor Los Zavas, San Loronzo, PP.00754
FIDJECT LOCATION. CUIT. 718 KITTZ. T.BO. QUEDIUUU	ATELIA SECTOR LOS ZAYAS, SUIT LOTETIZO, EN 00734
Project Coordinates: 18.138677 -65.957751	
<b>TPID</b> (Número de Catastro): 302-000-004-15	
Type of Undertaking:	
🗆 Substantial Repair	
New Construction	
Construction Date (AH est.): n/a	Property Size (acres): 44.01

#### SOI-Qualified Archaeologist: Site Visit by: Jaqueline López Meléndez Date Reviewed: September 30, 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 construction of a new greenhouse in the parcel. The terrain is steep, but the greenhouse will be located on the flattest part 200 meters from the entrance to the farm. There are no structures in the parcel. The existing area for the proposed placement is used for agricultural purposes. The main purpose of the proposed greenhouse will be the cultivation of recao and sweet peppers.

#### 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 APE has been defined as the area potentially impacted by ground disturbing activities related to the construction of the new 60' x 100' greenhouse (See Area of Potential Effect Map).

#### 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 closest identified cultural resource to the project area is the Cayaguas Dam located 1.16 miles north of the APE.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	GOVERNMENT OF PUERTO RICO
Case ID: PR-RGRW-00652	
Applicant: Sanfer Inland Products	City: San Lorenzo

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. The project area has steep topography and the project will occur in the flat area at the top of the mountain. To the north, south and east of this plain the terrain has steep slopes. It is evident that the plain was made with heavy machinery. The topography in the project area is not suitable for the settlement of Pre-Columbian groups.

On September 30, 2022, we visually inspected the project area. The area where the greenhouse will be placed has moderate to good visibility. 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 historic property identification efforts, the Program has determined that project actions will not affect any historic properties; that none are present in the Area of Potential Effect.

Review of existing archaeological background information and the results of the surface walkover to the project area indicate that there are no historic properties or cultural resources within the 0.50-mile radius study area or within the project 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 of the proposed building and its surroundings found no evidence of cultural materials.

The impacts of construction access to the area, generational use of the land for agriculture, and existing evidence of cutting and grading of the original surface have altered the landscape. The topography, which is characterized by steep slopes of more than 30 degrees, is considered excessive for prehistoric artifacts.

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



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Applicant: Sanfer Inland Products

City: San Lorenzo

#### 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):

- $\boxtimes$  No Historic Properties Affected
- □ No Adverse Effect

Condition (if applicable):

□ Adverse Effect

Proposed Resolution (if appliable)

#### This Section is to be Completed by SHPO Staff Only

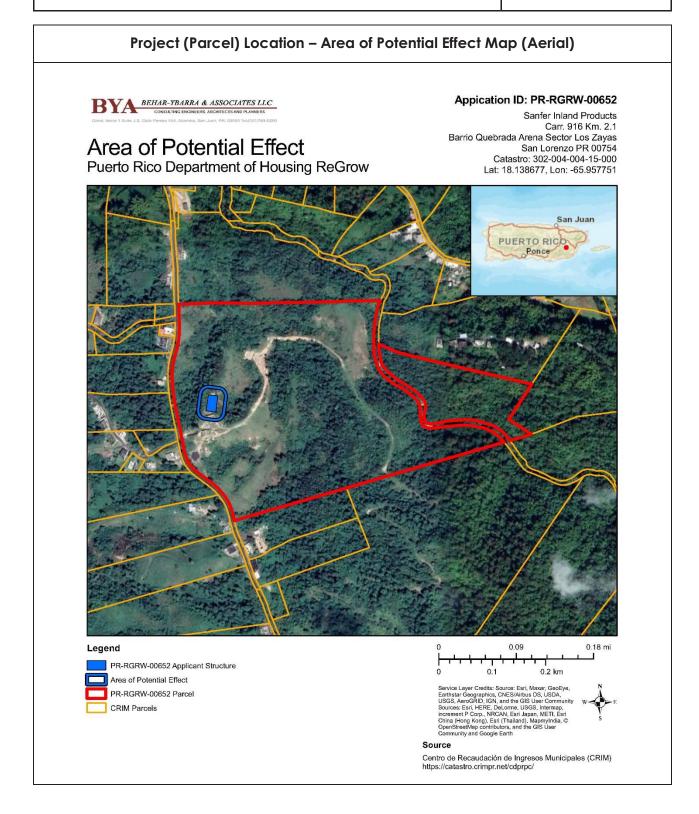
The Puerto Rico State Historic Preservation Office has reviewed the above information and:
□ <b>Concurs</b> with the information provided.
Does not concur with the information provided.
Comments:

Carlos Rubio-Cancela	Data
State Historic Preservation Officer	Date:



Case ID: PR-RGRW-00652

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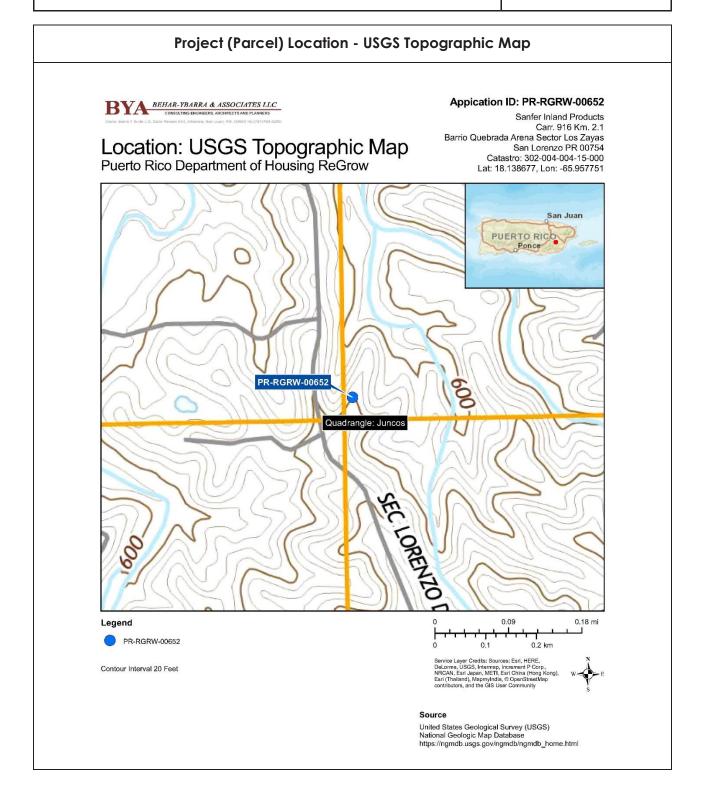
Applicant: Sanfer Inland Products





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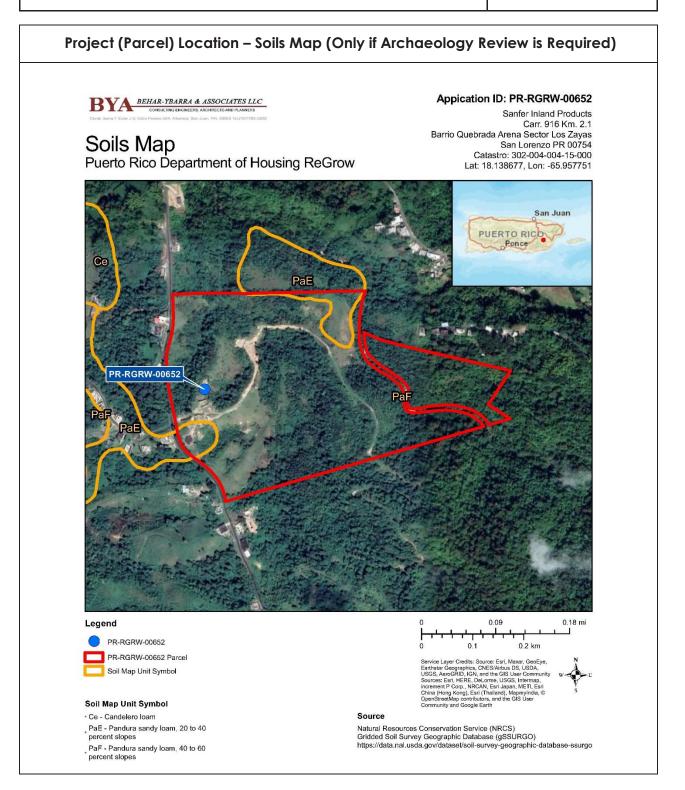




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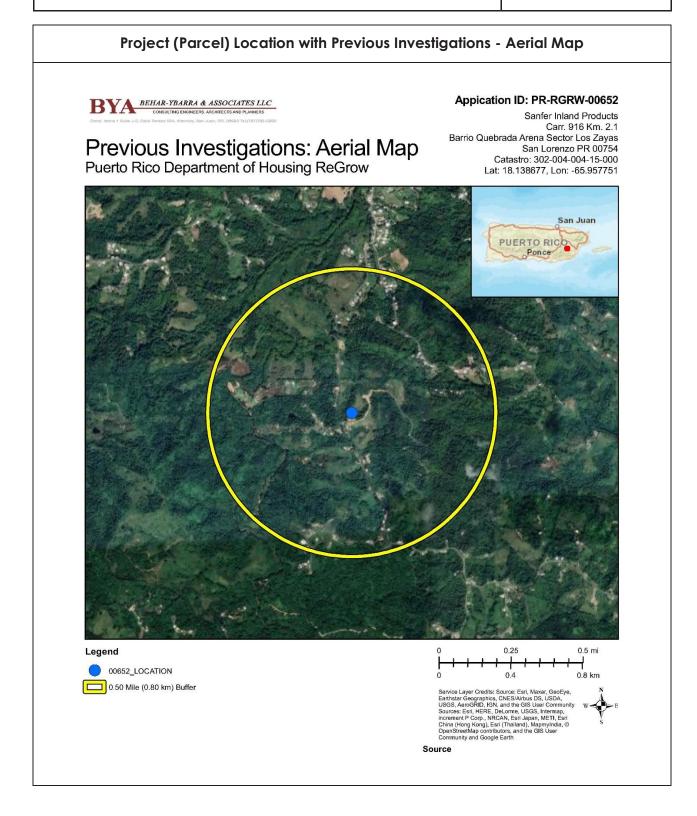
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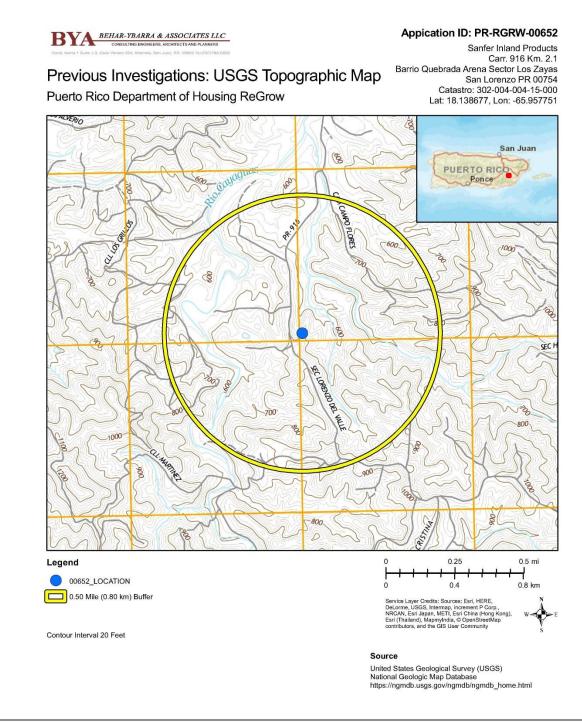


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Applicant: Sanfer Inland Products

City: San Lorenzo

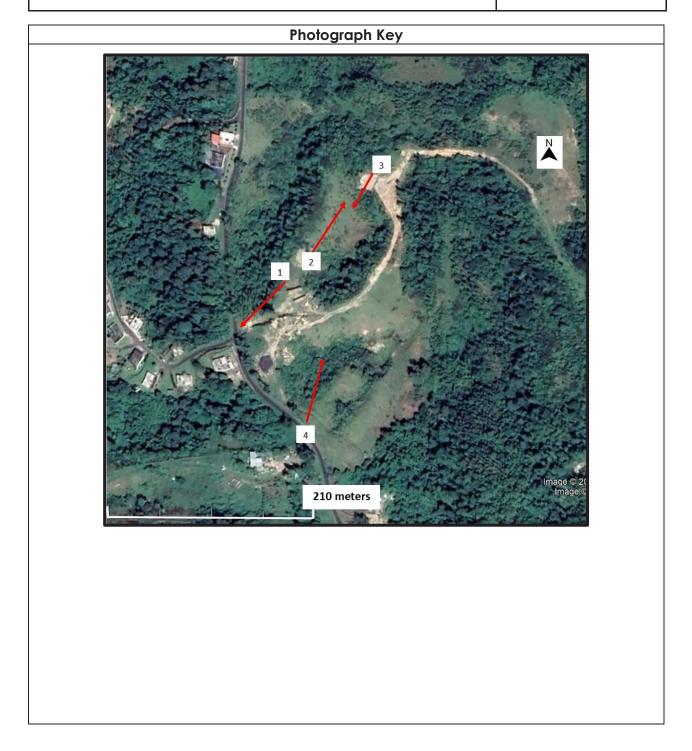
#### Project (Parcel) Location with Previously Recorded Cultural Resources USGS Topographic Map

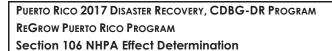




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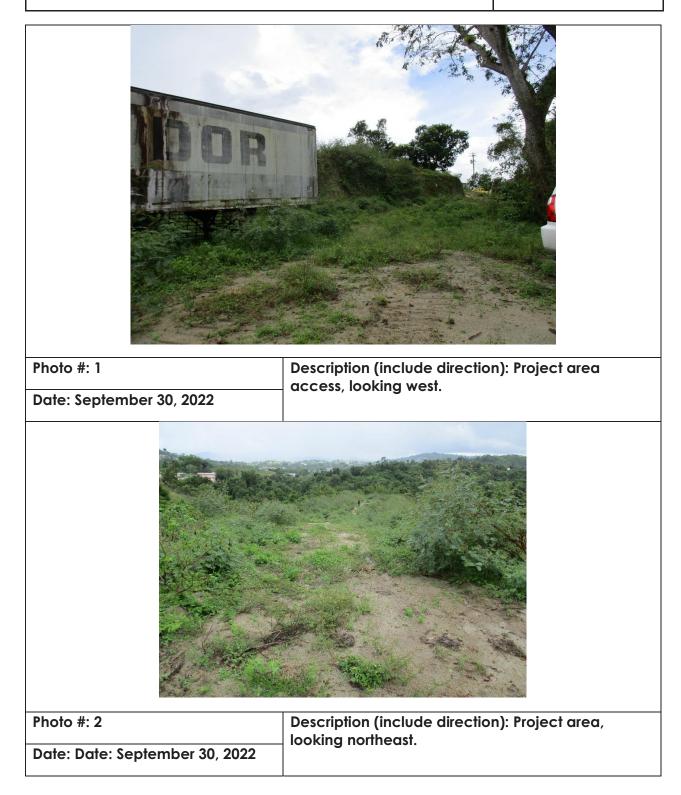


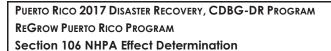




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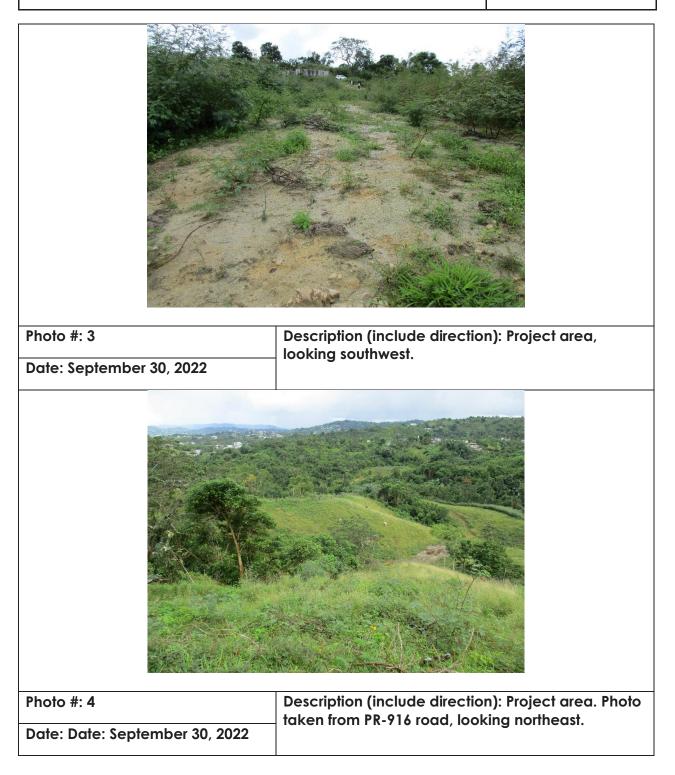






#### Case ID: PR-RGRW-00652

Applicant: Sanfer Inland Products





GOBIERNO DE PUERTO RICO Departamento de la Vivienda

13 de enero de 2020

Arq. Carlos A. Rubio Cancela Director Ejecutivo Oficina Estatal de Conservación Histórica Cuartel de Ballajá (Tercer Piso) Calle Norzagaray, Esquina Beneficiencia San Juan, Puerto Rico

#### Re: Autorización para Someter Documentos

Estimado Arq. Rubio Cancela:

El Departamento de Vivienda y Desarrollo Urbano (HUD, por sus siglas en inglés) de los Estados Unidos aprobó una asignación de fondos tipo Subvención en Bloque para el Desarrollo Comunitario (CDBG-DR, por sus siglas en inglés) el 9 de febrero de 2018. El objetivo de esta asignación es atender necesidades insatisfechas a consecuencia del paso de los huracanes Irma y María ocurrido en septiembre de 2017.

Para cumplir con los requisitos ambientales que establece HUD, el Departamento de Vivienda de Puerto Rico contrató a Horne Federal, LLC para proporcionar servicios de revisión de registros ambientales, entre otros, que respaldarán los objetivos de la agencia para el Programa CDBG-DR.

En el ánimo de agilizar los procesos se autoriza a Horne Federal, LLC, a presentar ante la Oficina Estatal de Preservación Histórica, documentación de los casos relacionada al Programa CDBG-DR en representación del Departamento de Vivienda.

Cordialmente,

Dennis G. González Ramos, PE MEM Subsecretario Programa CDBG-DR

