



U.S. Department of Housing and Urban
Development

451 Seventh Street, SW
Washington, DC 20410
www.hud.gov

espanol.hud.gov

Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5

Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: Revitalización de la Antigua Escuela Girardo González en un Centro
de Usos Múltiples para la Comunidad Hormiguereña

Responsible Entity: Puerto Rico Department of Housing

State/Local Identifier: PR-CRP-000580

Preparer: Sol V Rosa / Clifford Jarman

Certifying Officer Name and Title: Sally Z. Acevedo Cosme, Pedro De León Rodríguez,
Maria T. Torres Bregon, Ivelisse Lorenzo Torres, Angel Gabriel López Guzmán

Grant Recipient (if different than Responsible Entity): Municipio de Hormigueros

Consultant (if applicable): Tetra Tech

Direct Comments to: Sol V Rosa / Clifford Jarman

Project Location: 18.137220, -67.126450 Carr 309 km 2.6 Pueblo Ward, Hormigueros, PR

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The site of the former Girardo González School is located at Rd 309 km 2.6 Bo Pueblo in the municipality of Hormigueros, Puerto Rico.

The first stage of construction of the Elementary School dates from between 1952-1953. The Girardo González School belonged to the Open School program of the Puerto Rico Department of Education and was an urban elementary school for many years. This school housed grades of kindergarten to 6th grade for the last decades of the twentieth century receiving students from the sectors of the Pueblo, Benavente, Urbanización La Monserrate, Colinas del Oeste, and the sector of Hoya Grande. These facilities as elementary school closed operations in 2003. In 2018, and after years of effort, the Municipality of Hormigueros received the transfer and assignment of said property free of charge from the Central Government with the title of assignment for and quoted from the deed "the development of activities or programs that benefit the entire community such as educational, community or commercial projects that do not imply or involve the transfer of ownership to third parties."

The Diocese of Mayaguez through the Early Head Start Program is using one of the buildings on the property for storage of materials for Hormigueros and the Oeste program areas.

The Municipal Administration of Hormigueros is interested in the total revitalization of this urban space to turn it into a place of benefit of current and future residents of Hormigueros. For this specific project, the Municipality of Hormigueros is proposing to rehabilitate the old school dining room building and the neighboring classroom building and to build a roofed walkway between the two buildings.

The rehabilitation would include roof repairs (cleaning and sealing), replacement of doors and windows that were vandalized, repair of the electrical structure, repair of bathrooms, upgrading connections for internet and telephone services, repairs or replacement of fencing, new paint and new landscaping. In addition, air conditioners and air purification systems should be placed to keep classroom environments as safe and comfortable. The two buildings encompass approximately 2, 140 square feet. The details of the construction have taken into account parameters to counteract seismic movements.

Potentially, projects may be undertaken in the future to improve the green areas and develop reforestation activities of the environment.

It is planned that the Children's Valley Educational Project of the Municipality of the Carretera Nueva al Pueblo Sector would be relocated to occupy some of the space within the rehabilitated buildings. With this project, free educational services would be expanded and made more accessible to the impact population. The Educational Center serves low-income families where at least one parent works or studies part-time or full-time.

The partial revitalization of this former school will provide services and opportunities to establish an EHS-Child Care Partnership center, which will serve a population of children ages 3 months to 3 years and their respective families. It will be served in three environments (classrooms) according to the chronological age of the children. Such environments in your indoor space must have at least 35 square feet and 75 square feet in your outdoor space. In addition, these facilities will have two kitchens and a food warehouse, an office for the director of the center, reception, lactation, and laundry area. As an essential part of the development of this project, an outdoor play area should be provided for the physical development of the participants. It is also pointed out that this service will have a positive impact on families and the community in general of the Municipality of Hormigueros. All of the above will give the city a break, while constituting an integrated solution to help in the recovery of our urban areas.

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at § 58.35(a) (3) (iii). In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; AND (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.



Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001	CDBG-DR	\$312,140.00
B-18-DM-72-0001	CDBG-DR	

Estimated Total HUD Funded Amount: \$312,140.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$312,140.00

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The closest airport to the Project site is the Aeropuerto Eugenia Maria de Hostos 8.12 miles to the north. Project is not located within 15,000 feet of a military airport or 2,500 feet of a civilian airport. See worksheet in Appendix A and Map 01 in Appendix B.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not located in or adjacent to a CBRS Unit. The nearest unit is 3.73 miles to the northwest. Refer to worksheet in Appendix A and map in Appendix B.
Flood Insurance	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	The Project site locates in a 100-year floodplain per Floodplain Insurance Map

<p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>		<p>72000C0995J, effective date November 18, 2009. Floodplain insurance will be required for the project facilities. Refer to worksheet in Appendix A and map in Appendix B.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5</p>		
<p>Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not located in county or air quality management district is in attainment status for all criteria pollutants. Refer to worksheet in Appendix A.</p>
<p>Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not located in a Coastal Zone, it is 3.42 miles from the coast. Refer to worksheet in Appendix A and map in Appendix B.</p>
<p>Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no records of toxic, hazardous, or radioactive substances on the Project site. Within 3,000 feet of the Project site, three (4) RCRA sites were identified and one (1) toxic release site. The four RCRA sites do not have any releases reported or any EPA formal or informal action reported for the last five years. The toxic release was associated with the old Emerson Electric Company Terminal Products RCRA site. It is listed as Inactive and recorded one toxic release with the last inspection recorded in December 1990. There is no record of any residual contamination.</p> <p>Refer to worksheet in Appendix A, map in Appendix B, and supporting documentation in Appendix C.</p>
<p>Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, there are no critical habitats at this location. Project will have no potential to affect species or habitats due to the nature of the activities involved in the project. Refer to worksheet in Appendix A and report in Appendix D.</p>

<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project does not include a hazardous facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage facilities. Planned activities at the project area do not include installation of storage tanks. The project would not introduce new residents but would introduce new numbers of employees and clients during the daytime hours who could be exposed to any explosive or flammable hazards that are present.</p> <p>Examination of aerial views and street views show no above ground storage tanks within the acceptable separation distance that would not be blocked by intervening buildings and structures.</p> <p>Refer to worksheet in Appendix A.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Project does not include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The project site is within the 100-year floodplain per Floodplain Insurance Map 72000C0995J, effective date November 18, 2009. As the project involves rehabilitation/reconstruction of two existing buildings, there is no alternative locations for the activity.</p> <p>The cost of the project (\$300,000) is less than 50 percent of the overall values of the two buildings. A 5-step floodplain analysis has been prepared.</p> <p>Refer to worksheet in Appendix A and map in Appendix B.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Examination of the historic site databases shows that the site does not contain nor is adjacent to an historical site. The first stage of construction at the site dates from between 1952-1953. It is not known the date of construction of the two buildings that are</p>

		<p>involved in this project. The current state of the buildings is disrepair and vandalized.</p> <p>Consultation with the Commonwealth of Puerto Rico State Historic Preservation Office (SHPO) regarding the proposed project was initiated with a letter to that office dated May 3, 2022. On May 23, 2022, the SHPO concluded regarding historic properties, architectural resources, archaeological resources, and archeological sites, or other cultural resources, that finding of no adverse effect would be appropriate for the undertaking.</p> <p>Refer to Appendix E.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project involves rehabilitation of existing nonresidential buildings for non-residential use. Refer to worksheet in Appendix A.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no EPA sole source aquifers in Puerto Rico. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with Sole Source Aquifer requirements. Refer to worksheet in Appendix A and map in Appendix B.</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The National Wetlands Inventory (NWI) mapping shows a riverine wetland outside the fence immediately to the west of the Project site. The riverine wetland along the west side of the project may be temporarily impacted during fence repair activities, but there would be no permanent impact to the riverine wetlands.</p> <p>The NWI maps also show a line of Freshwater Forested/Shrub Wetland crossing the northwest corner of the site through cleared areas and buildings. Given the date of the data (1983) in the NWI maps, it is arguable that the Freshwater Forested/Shrub Wetland exists on the site. Furthermore, the planned activities of rehabilitation of existing buildings would not permanently impact the wetland if it still existed.</p>

		Refer to worksheet in Appendix A and map in Appendix B.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has only two Wild and Scenic Rivers which locates in the east side of Puerto Rico. The proposed project locates in the west side of Puerto Rico. There would be no impact to Wild and Scenic Rivers.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Refer to worksheet in Appendix A. No adverse environmental impacts were identified in any other compliance review portion of this project that may disproportionately be high for low-income and/or minority communities.

Field Inspection (Date and completed by):

Summary of Findings and Conclusions:

The project involves rehabilitation/reconstruction of two existing buildings in a developed property in a developed area. The Project is in a 100-year floodplain and will result in temporary disturbance of the floodplain. After construction the floodplain will return to existing conditions.

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
Flood Insurance - Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Flood insurance will be required for the two rehabilitated buildings.
Executive Order 11990, particularly sections 2 and 5	Fence repair activities will include best management practices to limit activities and impacts to the riverine wetland.

Appendix A
Worksheets



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
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Airport Hazards (CEST and EA) – PARTNER

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

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

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

Yes → *Continue to Question 2.*

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

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

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

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

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

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

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

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

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

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

Click here to enter text.

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

Worksheet Summary

- The nearest airport is Aeropuerto Eugenia Maria de Hostos which is 8.12 miles to the north of the Project site.

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

Refer to map in Appendix B.



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Coastal Barrier Resources (CEST and EA) – PARTNER

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

Projects located in the following states must complete this form.

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

1. Is the project located in a CBRS Unit?

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

Yes → *Continue to 2.*

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

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

- Consultation with the FWS
- Cancel the project

Worksheet Summary

- Mapping shows that the Project site is not within or adjacent to a CBRS unit.

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

Refer to map Appendix B.



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

OMB No. 2506-0177
(exp. 9/30/2021)

Flood Insurance (CEST and EA) – PARTNER

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

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

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

→ *Continue to the Worksheet Summary.*

Yes → *Continue to Question 2.*

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

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

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

No → *Continue to the Worksheet Summary.*

Yes → *Continue to Question 3.*

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

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

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

→ *Continue to the Worksheet Summary.*

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

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

→ *Continue to the Worksheet Summary.*

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

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

Worksheet Summary

The Project site is located in a 100-year floodplain per Floodplain Insurance Map 72000C0995J, effective date November 18, 2009.

Include all documentation supporting your findings in your submission to HUD.
See floodplain amp in Appendix B.



DETERMINACIÓN DE INUNDACIÓN

Determinación sobre la clasificación de una propiedad respecto a las Áreas Especiales de Riesgo a Inundación en Puerto Rico

Número de Catastro 283-060-059-02	Nombre de la Comunidad Participante Comunidad Participante de Puerto Rico	Número de la Comunidad Participante 720000#
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Información de la Propiedad

Municipio Hormigueros	Barrio Barrio Pueblo	Carretera y Sector Antigua Esc. Girardo Gonzalez	Plus Code 77CJ4VPF+Q9	Coordenadas X:126640.4 Y:233745.5
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Información sobre el Mapa de Tasas del Seguro de Inundación

(FIRM, por sus siglas en inglés)

Número del Mapa de Inundación, FIRM 72000C0995J	Vigencia 18/Nov/2009	Status de Panel Printed	Zona Inundable AE
Cauce Mayor (Sí, No, No determinado) No	¿La propiedad ubica en un área especial de riesgo a inundación del 1% de probabilidad? Sí	Nivel de Inundación Base (MSL) 14 m. e	Profundidad de Inundación Base (Solo aplica a Zona AO) No Aplica
Sistema de Barreras Costeras (Sí o No)/Fecha de Designación No Aplica	Tipo de Barrera Costera No Aplica	Cuenca Hidrográfica (USGS) Cuenca del Río Guanajibo	
Nombre del Cuerpo de Agua Adyacente (cuando es VE es el mar, primera fase el cuerpo de agua mas cercano) Quebrada Grande (Quebradas) a 2287.3 m.			¿Se propone depósito de relleno? No

Información sobre el Mapa de Niveles de Inundación Base Recomendados

(ABFE, por sus siglas en inglés)

Número del Mapa de Inundación 72000C0995J	Vigencia 13/Apr/2018	Zona Inundable A
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La Junta de Planificación de Puerto Rico, en su resolución JP-ABFE_01 del 23 de marzo de 2018, requiere que para toda nueva construcción o mejora sustancial, otorgación de permisos según aplique en su ámbito jurisdiccional cumpla con los Mapas de Niveles de Inundación Base Recomendados preparados por la Agencia Federal para el Manejo de Emergencias (FEMA, por sus siglas en inglés); excluyendo de su uso determinaciones o decisiones relacionadas al seguro de inundación NFIP, por sus siglas en inglés.

Determinación

Esta determinación está basada en datos de la Junta de Planificación y datos obtenidos de los Mapas de Tasas del Seguro de Inundación vigentes y no determina la localización exacta de una estructura dentro de una propiedad. Se advierte que una propiedad no localizada dentro del área inundable regulatoria (inundación del 1% de probabilidad o inundación con recurrencia de 100 años) pudiera ser afectada por inundaciones locales o inundaciones de otras recurrencias no reflejadas en estos mapas. Para propósitos del seguro de inundación, el mapa oficial es el DFIRM, adoptado por la Junta de Planificación de Puerto Rico. La clasificación parcial entre dos o más zonas, prevalecerá la más estricta.

Si la propiedad está en un Área Especial de Riesgo [Peligro] a Inundación, se requiere cumplir con las disposiciones del Reglamento de Planificación No. 13 vigente y será requerido cumplir con la Ley Federal de Protección a Desastres del año 1973. Para las zonas A, AE, AO, AH, A99 y VE es requisito obligatorio adquirir un seguro de inundación para propiedades con hipotecas respaldadas federalmente.

Solicitante
Municipio Hormigueros

Contáctenos en avipr@jp.pr.gov

Fecha de Emisión
11/Oct/2021



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

Air Quality (CEST and EA) – PARTNER

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

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

Yes → Continue to Question 2.

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

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

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

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

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

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

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

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

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

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

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

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

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

[Click here to enter text.](#)

Worksheet Summary

- The project area is not in an area that is in nonattainment/maintenance status for any NAAQS pollutants.

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

Attached table show all nonattainment/maintenance areas for all NAAQS pollutants in Puerto Rico.

Green Book

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

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

Data is current as of December 31, 2021.

Listed by County, NAAQS, Area. The 8-hour Ozone (1987) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

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

Change the State:

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

County	NAAQS	Area Name	Nonattainment in Year												Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
			11	12	13	14	15	16	17	18	19	20	21						
Arecibo Municipio	Lead (2008)	Arecibo, PR															Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR															Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR															Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR															Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR															Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR															Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR															Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR															Part	52,441	72/137

[Important Notes](#)



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WASHINGTON, DC 20410-1000

Coastal Zone Management Act (CEST and EA) – PARTNER

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

Projects located in the following states must complete this form.

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

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

Yes → Continue to Question 2.

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

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

Yes → Continue to Question 3.

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

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

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

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

No → Project cannot proceed at this location.

Worksheet Summary

Distance to coast from the project site is 3.37 miles (5.42 kilometers). Puerto Ricos' coastal zone extends 1 kilometer from the coast. This project is in compliance with the Coastal Zone Management Act without further evaluation.

Include all documentation supporting your findings in your submission to HUD.
REFER TO MAP IN APENDIX B.



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

Contamination and Toxic Substances (Single Family Properties) – PARTNER

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

1. Evaluate the site for contamination. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property?

Provide a map or other documentation of absence or presence of contamination¹ and explain evaluation of site contamination in the Worksheet below.

No → **Explain below.**

Within the 3,000-ft buffer zone, it was identified 3 RCRA facilities, and one of them was a TRI facility (last TRI report in year 1990). Another facility is a gas station and, the other is identified as Hormigueros Sewage Treatment.

There are no EPA formal or informal actions for none of them reported for the past 5 years.

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

Yes → *Describe the findings, including any recognized environmental conditions (RECs), in Worksheet Summary below. Continue to Question 2.*

Check here if an ASTM Phase I Environmental Site Assessment (ESA) report was utilized.
[Note: HUD regulations does not require an ASTM Phase I ESA report for single family homes]

2. Can adverse environmental impacts be mitigated?

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

Yes, adverse environmental impacts can be eliminated through mitigation.
→ *Provide all mitigation requirements² and documents. Continue to Question 3.*

¹ Utilize EPA's Enviromapper and state/tribal databases to identify nearby dumps, junk yards, landfills, hazardous waste sites, and industrial sites, including EPA National Priorities List Sites (Superfund sites), CERCLA or state-equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up action and/or further investigation. Additional supporting documentation may include other inspections and reports.

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

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

[Click here to enter text.](#)

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

- Complete removal
 Risk-based corrective action (RBCA)

→ *Continue to the Worksheet Summary.*

Worksheet Summary

No toxic, hazardous, or radioactive substances were found on-site or nearby that could affect the health and safety of project occupants or conflict with the intended use of the property.

Within 3,000 feet of the Project site, 3 RCRA facilities were identified, and one of them was a TRI facility (last TRI report in year 1990).

There are no EPA formal or informal actions for none of them reported for the past 5 years.

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

Refer to attached documents in Appendix B

Contamination of Toxic Substance Map / PR-CRP-000580_CTSA.pdf

Refer to attached documents in Appendix C

PR-CRP-000580 Facility RCRAINFO Search Hormigueros STP_ US EPA

PR-CRP-000580 Facility Report-Emerson _ ECHO _ US EPA

PR-CRP-000580 Facility Report-Shell #3425 _ ECHO _ US EPA

PR-CRP-000580 Facility Report-Toyota del Oeste_ ECHO _ US EPA

PR-CRP-000580 Facility RCRAINFO Search Esso Standard Oil_ US EPA

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

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



Endangered Species Act (CEST and EA) – PARTNER

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

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

No, the project will have No Effect due to the nature of the activities involved in the project.
→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

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

Explain your determination:

[Click here to enter text.](#)

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

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

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

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

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

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

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

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

- No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.
- *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.*
- May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.
- Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Informal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*
- Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.
- Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Formal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*

Worksheet Summary

Review of this project area was completed by use of an Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website. Identified species of concern in the vicinity of the project area are:

- Puerto Rican Boa (*Epicrates inortas*)- Endangered

No critical habitats were identified in the vicinity of the project area.

Per the nature of the activities (i.e., rehabilitation/reconstruction of existing buildings) the Project will have no **potential to affect species or habitats**.

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

Refer to report in Appendix D.



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

Explosive and Flammable Hazards (CEST and EA) – PARTNER

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

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

No

→ Continue to Question 2.

Yes

Explain:

Click here to enter text.

→ Continue to Question 5.

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

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

Yes → Continue to Question 3.

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

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

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

Yes → Continue to Question 4.

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

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

Yes

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

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

No

→ Continue to Question 6.

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

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

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

Yes

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

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

No

→ Continue to Question 6.

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

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

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

[Click here to enter text.](#)

Worksheet Summary

While the project will not involve residents, the Project would involve occupancy by employees and clients during daylight hours that are not currently present.

Using the webpage calculator, generic acceptable separation distances are presented in the table below.

Aboveground Tank Size (gallons)	Acceptable Separation Distance	
	Explosive Hazard (feet)	Thermal Hazard (feet)
100	106	18
200	142	24
250	156	27

500	208	37
1,000	277	51
2,000	370	70
2,500	406	77
5,000	541	106
10,000	722	146
15,000	855	176
20,000	964	201
25,000	1,058	223
30,000	1,141	243
50,000	1,412	307
100,000	1,884	423
500,000	3,683	890
1,000,000	4,916	1,226

Aerial views and street views were examined for presence of above ground storage tanks. The vicinity of the project site was assessed for aboveground storage tanks with less than the acceptable separation (ASD) distance associated with their storage capacity. For example, the explosive hazards acceptable separation distance for above ground storage tanks with a capacity between 10,000 and 50,000 gallons is between 722 feet and 1,412 feet. Therefore, the vicinity of the project site was assessed for above ground storage tanks of that size within that distance. Tanks of that size with a distance greater than 1,412 feet, would not pose a risk to the project.

A tank was found at the Toyota facility 964 feet to the west. To be within the ASD of the project site, the tank would have to be over 20,000 gallons. The tank was smaller than 20,000 gallons, furthermore the line of sight between the tank and the Project site was blocked by the Primeria Iglesia Presbiteriana, thus the tank poses no risk to the occupants of the Project site.

There are two large tanks at the Petro West facility 2,952 feet to the east of the project site. While these tanks look to be less than 100,000 gallons, the line of sight between the tanks and the project site is blocked by numerous homes and businesses. These tanks pose no risk to the occupants of the Project site.

Include all documentation supporting your findings in your submission to HUD

Refer to Appendix B and Appendix C for additional supporting documentation.



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

Farmlands Protection (CEST and EA) - PARTNER

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

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

Yes → *Continue to Question 2.*

No

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

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

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

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

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

Yes → *Continue to Question 3.*

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

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

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

Project will proceed with mitigation.

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

Click here to enter text.

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

Project will proceed without mitigation.

Explain why mitigation will not be made here:

Click here to enter text.

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

Worksheet Summary

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

Click here to enter text.



Floodplain Management (CEST and EA) – PARTNER

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

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

Yes

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

Click here to enter text.

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

No → Continue to Question 2.

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

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

Does your project occur in a floodplain?

No → Continue to the Worksheet Summary below.

Yes

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

Floodway → Continue to Question 3, Floodways

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

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

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

3. **Floodways**

Is this a functionally dependent use?

Yes

The 8-Step Process is required. Work with HUD or the RE to assist with the 8-Step Process.

→ Continue to Worksheet Summary.

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

4. Coastal High Hazard Area

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

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

No

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

Yes, there is new construction of something that is not a functionally dependent use. New construction must be designed to FEMA standards for V Zones at 44 CFR 60.3(e) (24 CFR 55.1(c)(3)(i)).
→ *Continue to Question 6, 8-Step Process*

No, this action concerns only existing construction. Existing construction must have met FEMA elevation and construction standards for a coastal high hazard area or other standards applicable at the time of construction.
→ *Continue to Question 6, 8-Step Process*

5. 500-year Floodplain

Is this a critical action?

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

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

6. 8-Step Process.

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

8-Step Process applies.

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

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

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

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

HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the NFIP and are in good standing, provided that the action does not meet the thresholds for "substantial improvement" under [§ 55.2\(b\)\(10\)](#) and that the footprint of the structure and paved areas is not significantly increased.

24 CFR 55.2(b)(10)

(i) Substantial improvement means either:
(A) Any repair, reconstruction, modernization or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either:

(1) Before the improvement or repair is started; or

(2) If the structure has been damaged, and is being restored, before the damage occurred; or

(B) Any repair, reconstruction, modernization or improvement of a structure that results in an increase of more than twenty percent in the number of [dwelling units](#) in a residential [project](#) or in the average peak number of customers and employees likely to be on-site at any one time for a commercial or industrial [project](#).

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

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

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

[Click here to enter text.](#)

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

Worksheet Summary

The estimated value of the two buildings is over \$600,000. The funding for the rehabilitation is \$300,000 dollars. Based on this, the rehabilitation is not substantial and warrants a 5-step floodplain analysis.

The activities would be a temporary disturbance of the floodplain. After reconstruction of the buildings the floodplain will return to its present state.

The Administrador Estatal de Valles Inundables determined that the base flood elevation for the site is 14 meters.

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

Floodplains map in Appendix B

Floodplain Determination with the Administrador Estatal de Valles Inundables

Five-step Floodplain analysis

**FLOODPLAIN 5-STEP DECISION MAKING PROCESS
IN ACCORDANCE WITH EXECUTIVE ORDER 11988: FLOODPLAIN
MANAGEMENT AND EXECUTIVE ORDER 11990: PROTECTION OF WETLANDS**

**REVITALIZACIÓN DE LA ANTIGUA ESCUELA GIRARDO GONZÁLEZ EN UN
CENTRO DE USOS MÚLTIPLES PARA LA COMUNIDAD HORMIGUEREÑA
MUNICIPIO DE HORMIGUEROS, PUERTO RICO**

Introduction & Overview

The purpose of Executive Order (EO) 11988, Floodplain Management, is “to avoid to the extent possible the long- and short-term adverse impacts associated with occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.” The purpose of EO 11990, Protection of Wetlands, is “to avoid to the extent possible the long- and short-term adverse impacts associated with the destruction or modification of wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative.” The analysis that follows is prescribed by 24 CFR Part 55 and documents the five-step decision making process for the Proposed Action.

The Municipal Administration of Hormigueros would rehabilitate the old school dining room building and the neighboring classroom building at the former Girardo González School is located at Rd 309 km 2.6 Bo Pueblo in the municipality of Hormigueros, Puerto Rico and to build a connection between the two buildings.

The rehabilitation would include roof repairs (cleaning and sealing), replacement of doors and windows that were vandalized, repair of the electrical structure, repair of bathrooms, upgrading connections for internet and telephone services, repairs or replacement of fencing, new paint and new landscaping. In addition, air conditioners and air purification systems should be placed to keep classroom environments as safe and comfortable. The two buildings encompass approximately 2,140 square feet. The details of the construction have taken into account parameters to counteract seismic movements.

Step 1: Determine whether the Proposed Action is in the 100-year floodplain or involves new construction in a wetland

The Project site is in the 100-year floodplain as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 72000C0995J, effective on November 18, 2009. Approximately 0.19 acres of the project area are in the 100-year SFHA Zone AE. The project activities on the site would likely disturb approximately 0.05 acres in the 100-year SFHA Zone AE.

According to the National Wetlands Inventory (NWI) database, approximately 0.005 acre of riverine wetland, and 0.01 acres of freshwater forested/shrub wetland are within the project site.

Step 2: Provide early notice to the public and agencies of a Proposed Action in the 100-year

floodplain

Not Applicable

Step 3: Identify and evaluate practicable alternatives

Not Applicable

Step 4: Identify and evaluate the Proposed Action's potential direct and indirect effects associated with occupying or modifying the 100-year floodplain or construction in a wetland

The Proposed Action would result in temporary ground disturbance within the 100-year floodplains during reconstruction of the two buildings with movement of equipment and workers and lay down of materials. The Proposed Action would not permanently alter the amount of impervious surface, and the function of the floodplain would be returned to its current state. Use of the project area would be similar to its past and current use. The Proposed Action would not increase floodplain development or occupancy.

The 0.005 acres of riverine wetland would only be temporarily disturbed by repairs to the existing fences. No riverine wetlands would be permanently disturbed.

The freshwater forested/shrub wetland indicated in the NWI based on 1983 aerial photography is indicated as a line that is currently occupied by the cleared area of the former school, building, streets and parking lots. Current aerial views indicate that this wetland does not currently exist east of the property fence line. The proposed action would involve the rehabilitation/reconstruction of two buildings. Even if the freshwater forested/shrub wetland indicated in the NWI is accurate, the rehabilitation of the existing buildings would not impact undeveloped area. There would be no temporary or permanent impacts to the freshwater forested/shrub wetland indicated in the NWI.

Step 5: Design or modify the Proposed Action to minimize the potential adverse 100-year floodplain and wetland impacts and to restore and preserve the natural and beneficial values

Disturbance of the existing floodplain by the Proposed Action would occur during rehabilitation/reconstruction of the two existing buildings and would cease once these activities are completed. The presence of the existing buildings means there would be no permanent change of the 100-year floodplain. The activities under the Proposed Action would maintain the existing values of the floodplain.

Ground-disturbing activities within the project area would occur during construction. Best management practices for soil erosion control would be implemented as required during the proposed activities to preclude contamination of the riverine wetland..

Step 6: Reevaluate the Proposed Action and alternatives

Following the analysis under Steps 4 and 5, the Proposed Action is still practicable because it will maintain floodplain conditions. The No Action Alternative would also not change the floodplain conditions in the project area.

Step 7: Determine no practicable alternative and publish a final notice

Not Applicable

Step 8: Implement the Proposed Action

The Municipal Administration of Hormigueros will implement the Proposed Action. Implementation may require additional local and state permits, which could place additional design modifications or mitigation requirements on the project.



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

Noise (CEST Level Reviews) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control>

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ Continue to Question 4.

- Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ Continue to Question 2.

- None of the above

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

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double-glazed windows or extra insulation?

- Yes

Indicate the type of measures that will apply (check all that apply):

- Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)

- Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)

- Other (explain below)

[Click here to enter text.](#)

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

- No

→ Continue to Question 3.

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Describe findings of the Preliminary Screening:

[Click here to enter text.](#)

→ Continue to Question 6.

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

There are no noise generators found within the threshold distances above.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

Noise generators were found within the threshold distances.

→ Continue to Question 5.

5. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.

Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

Is the project in a largely undeveloped area¹?

No → **The project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i).**

Yes → **The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i).**

→ Work with the RE/HUD to elevate the level of review. Provide noise analysis, including noise level and data used to complete the analysis.
Continue to Question 6.

Unacceptable: (Above 75 decibels)

Indicate noise level here: [Click here to enter text.](#)

The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Work with HUD or the RE to either complete an EIS or obtain a waiver signed by the appropriate authority.

→ Continue to Question 6.

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Work with the RE/HUD on the development of the mitigation measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

- Mitigation as follows will be implemented:

[Click here to enter text.](#)

→ *Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.*

Continue to the Worksheet Summary.

- No mitigation is necessary.

Explain why mitigation will not be made here:

[Click here to enter text.](#)

→ *Continue to the Worksheet Summary.*

Worksheet Summary

- Past activities at the Project site were as a school, not residential. Planned activities for the rehabilitated buildings is education and community services.

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

[Click here to enter text.](#)



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

Sole Source Aquifers (CEST and EA) - PARTNER

<https://www.hudexchange.info/environmental-review/sole-source-aquifers>

1. Is the project located on a sole source aquifer (SSA)¹?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map of your project or jurisdiction in relation to the nearest SSA.*

Yes → *Continue to Question 2.*

2. Does the project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)?

Yes → *The review is in compliance with this section. Continue to the Worksheet Summary below.*

No → *Continue to Question 3.*

3. Does your region have a memorandum of understanding (MOU) or other working agreement with EPA for HUD projects impacting a sole source aquifer?

Contact your Field or Regional Environmental Officer or visit the HUD webpage at the link above to determine if an MOU or agreement exists in your area.

Yes → *Continue to Question 4.*

No → *Continue to Question 5.*

4. Does your MOU or working agreement exclude your project from further review?

Yes → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination and document where your project fits within the MOU or agreement.*

No → *Continue to Question 5.*

5. Will the proposed project contaminate the aquifer and create a significant hazard to public health?

Consult with your Regional EPA Office. Your consultation request should include detailed information about your proposed project and its relationship to the aquifer and associated streamflow source area. EPA will also want to know about water, storm water and waste water at the proposed project. Follow your MOU or working agreement or contact your Regional EPA office for specific information you may

¹ A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

need to provide. EPA may request additional information if impacts to the aquifer are questionable after this information is submitted for review.

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

- Yes → *The RE/HUD will work with EPA to develop mitigation measures. If mitigation measures are approved, attach correspondence with EPA and include the mitigation measures in your environmental review documents and project contracts. If EPA determines that the project continues to pose a significant risk to the aquifer, federal financial assistance must be denied. Continue to Question 6.*

Worksheet Summary

There are no EPA sole source aquifers in Puerto Rico. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with Sole Source Aquifer requirements.

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

Click here to enter text.



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

Wetlands (CEST and EA) – Partner

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

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

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

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

Yes → *Continue to Question 2.*

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

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

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

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

No, the 8-Step Process applies.

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

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

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

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

[Click here to enter text.](#)

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

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

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

[Click here to enter text.](#)

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

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

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

Click here to enter text.

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

Worksheet Summary

The planned activities involve rehabilitation/reconstruction of two buildings on the property. The NWI maps show a riverine wetland immediately adjacent to the western fence of the property. The riverine wetland along the west side of the project may be temporarily impacted during fence repair activities, but there would be no permanent impact to the riverine wetlands.

The NWI maps also show a line of Freshwater Forested/Shrub Wetland crossing the northwest corner of the site through cleared areas, buildings, the street in front of the property and the buildings and parking lot on the north side of the street. Given the data used to make the map “were photo interpreted using **1:40,000** scale, **color infrared** imagery from **1983**”, it is arguable that the Freshwater Forested/Shrub Wetland still exists on the site. Furthermore, the planned activities of rehabilitation of existing buildings would not permanently impact the wetland if it still existed.

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

Refer to Map in Appendix B.



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

Wild and Scenic Rivers (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers>

1. Is your project within proximity of a Wild and Scenic River, Study River, or Nationwide Rivers Inventory River?

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

Yes → *Continue to Question 2.*

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

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

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

Select one:

The Managing Agency has concurred that the proposed project will not alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

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

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

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

Worksheet Summary

- Puerto Rico has only two Wild and Scenic Rivers which are located in the east side of Puerto Rico. The proposed Project is located in the west side of Puerto Rico. There would be no impact to Wild and Scenic Rivers.

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



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

Environmental Justice (CEST and EA) – PARTNER

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

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

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

Yes → *Continue to Question 2.*

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

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

Yes

Explain:

Click here to enter text.

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

No

Explain:

Click here to enter text.

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

Worksheet Summary

No adverse environmental impacts were identified in any other compliance review portion of this project that may disproportionately be high for low-income and/or minority communities.

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

Click here to enter text.



Location: User-specified point center at 18.136420, -67.114885
 Ring (buffer): 0.5-miles radius
 Description: PR-CRP-000657

Summary	Census 2010
Population	1,788
Population Density (per sq. mile)	2,479
People of Color Population	1,782
% People of Color Population	100%
Households	711
Housing Units	810
Land Area (sq. miles)	0.72
% Land Area	100%
Water Area (sq. miles)	0.00
% Water Area	0%

Population by Race	Number	Percent
Total	1,788	
Population Reporting One Race	1,741	97%
White	1,453	81%
Black	148	8%
American Indian	8	0%
Asian	1	0%
Pacific Islander	0	0%
Some Other Race	131	7%
Population Reporting Two or More Races	47	3%
Total Hispanic Population	1,780	100%
Total Non-Hispanic Population	8	0%
White Alone	6	0%
Black Alone	0	0%
American Indian Alone	0	0%
Non-Hispanic Asian Alone	0	0%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	1	0%

Population by Sex	Number	Percent
Male	847	47%
Female	941	53%

Population by Age	Number	Percent
Age 0-4	86	5%
Age 0-17	393	22%
Age 18+	1,395	78%
Age 65+	318	18%

Households by Tenure	Number	Percent
Total	711	
Owner Occupied	534	75%
Renter Occupied	177	25%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, Census 2010 Summary File 1.

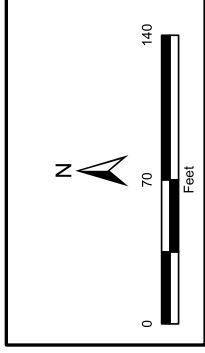
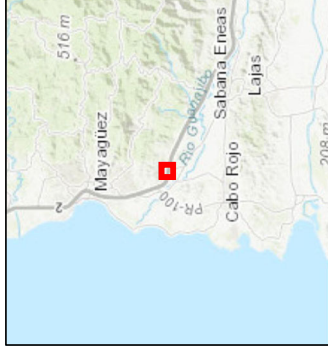
Appendix B

Maps

Legend
Project Boundary



PUERTO RICO



PROJECT LOCATION



PR INFRASTRUCTURE: La Comunidad Hormiguereña
ADDRESS: 16 Calle Segundo Ruiz Belvis Hormigueros PR

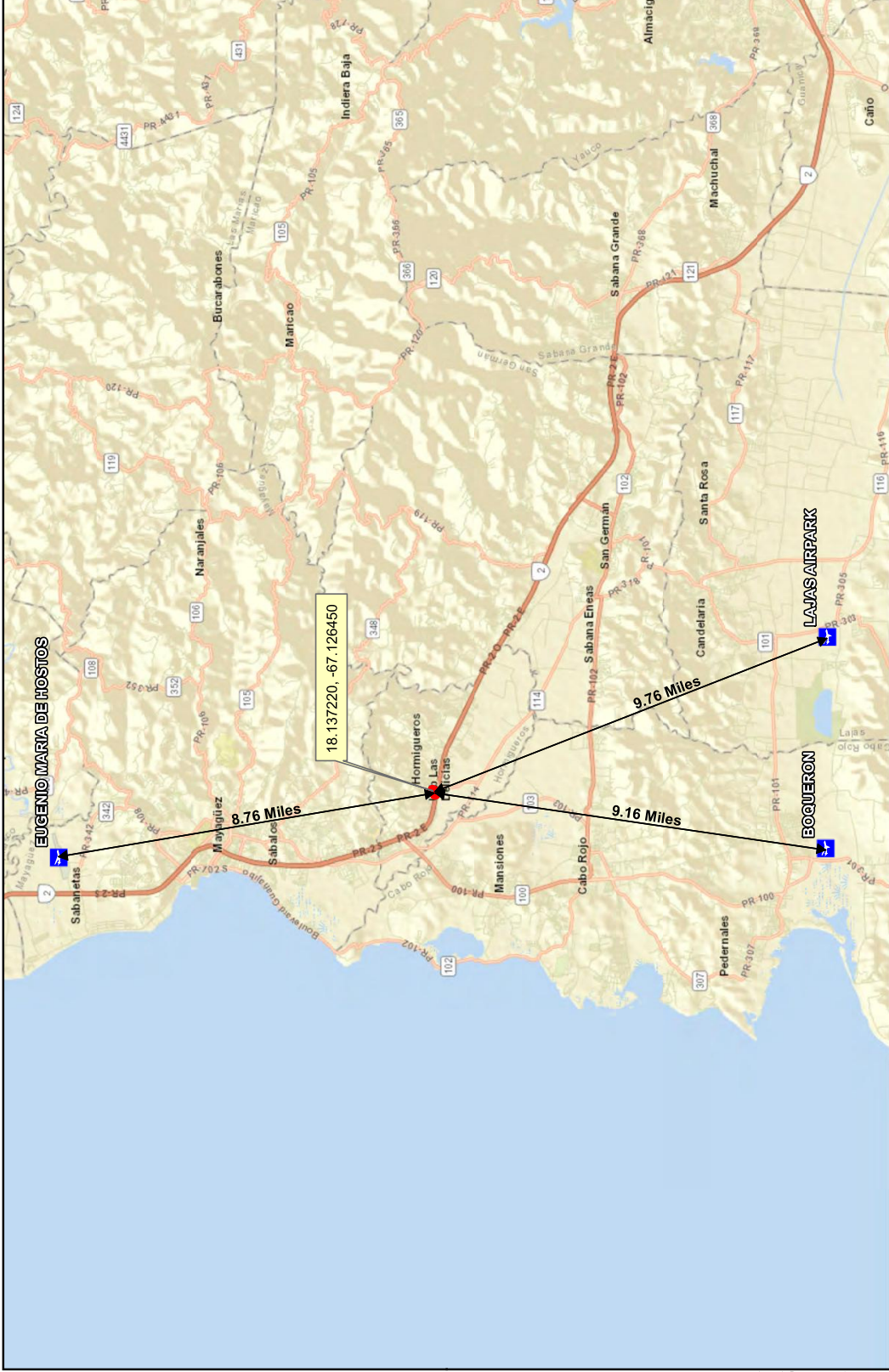


TETRA TECH

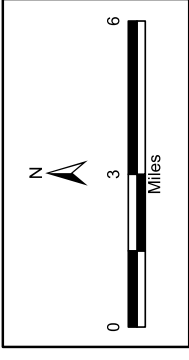
Author: AK

Date: 1/17/2022

- Legend**
-  Airports
 -  Project Area



PUERTO RICO



Airports Map
Revitalización de la Antigua Escuela Girardo González
en un Centro de Usos Múltiples para la Comunidad Hormiguereña

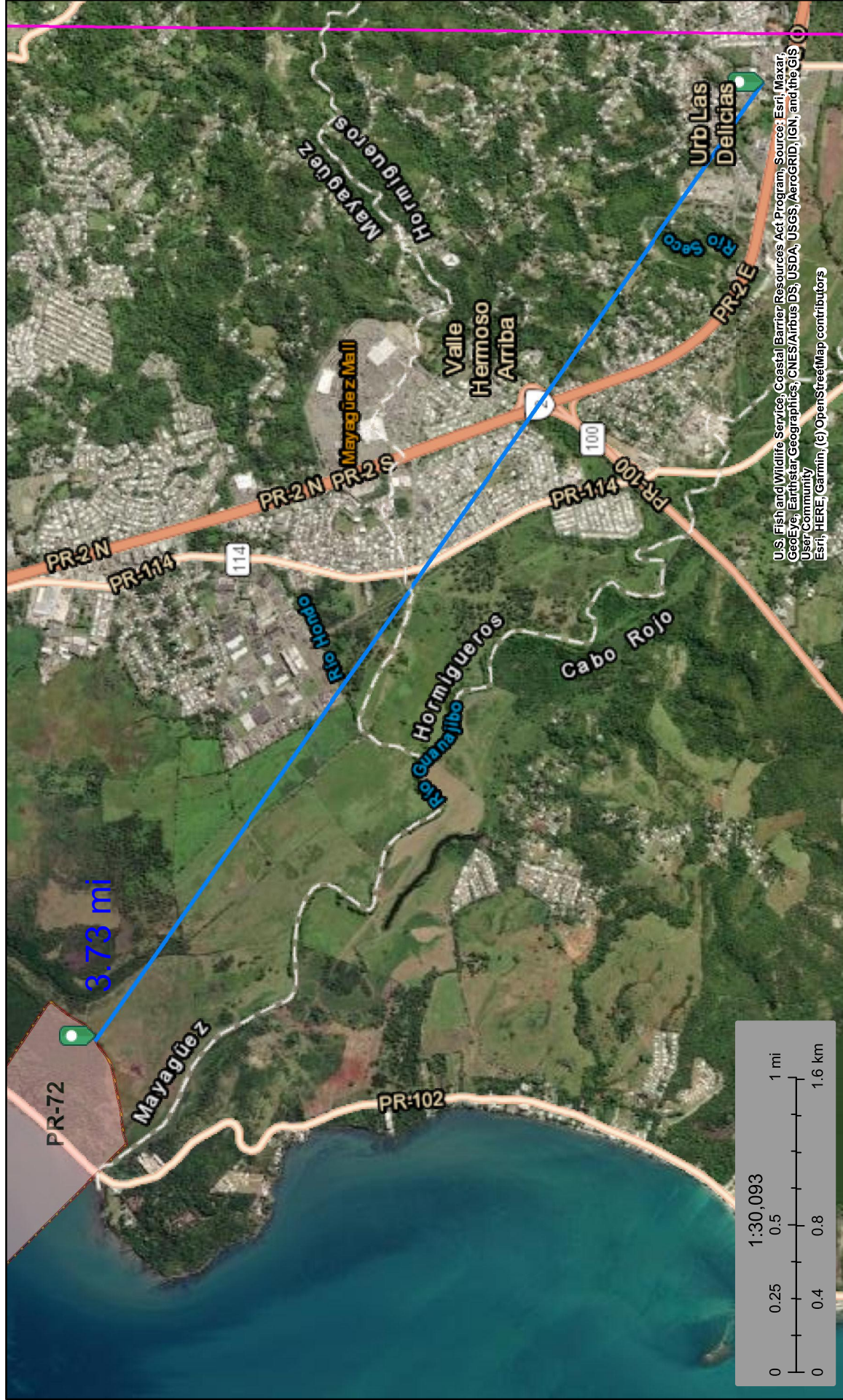


Source: CRIM 2014, Federal Aviation Administration (FAA), 2020; ESRI 2021.
 Author: Catherine Keller
 Date: 06/29/22



U.S. Fish and Wildlife Service Coastal Barrier Resources System

PR-CRP-000580



U.S. Fish and Wildlife Service, Coastal Barrier Resources Act Program; Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors

March 23, 2022

-  CBRS Buffer Zone
-  System Unit
-  CBRS Units
-  Otherwise Protected Area

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward boundary was produced by the CBRS Mapper



Mapa sobre Tasas del Seguro de Inundación
(Flood Insurance Rate Maps, FIRM)

NFIP PANEL 0995J

FIRM
FLOOD INSURANCE RATE MAP
COMMONWEALTH OF
PUERTO RICO
AND MUNICIPALITIES

USE MAP INDEX FOR FIRM PANEL LAYOUT

COUNTY: PUEBLO RICO
COMMUNITY: PUEBLO RICO
NUMBER: 72000
FIRM INDEX: 0995 J

MAP NUMBER: 720000995J
EFFECTIVE DATE: 18/Nov/2009
Federal Emergency Management Agency

Mapa de Tasas del Seguro de Inundación (FIRM) para el Territorio de Puerto Rico y Municipios. Este mapa muestra las zonas de inundación y las tasas de seguro de inundación. El mapa fue desarrollado por el Departamento de Recursos Naturales y Ambientales del Gobierno de Puerto Rico en colaboración con FEMA. Este mapa es una reproducción de un mapa desarrollado por FEMA y no debe ser utilizado para fines de responsabilidad legal. Para más información, consulte el sitio web de FEMA en www.fema.gov.

Leyenda

- 0.2% ACF
- A
- A99
- Cauce Mayor
- Coastal Barrier
- AE
- AH
- AO
- VE
- X

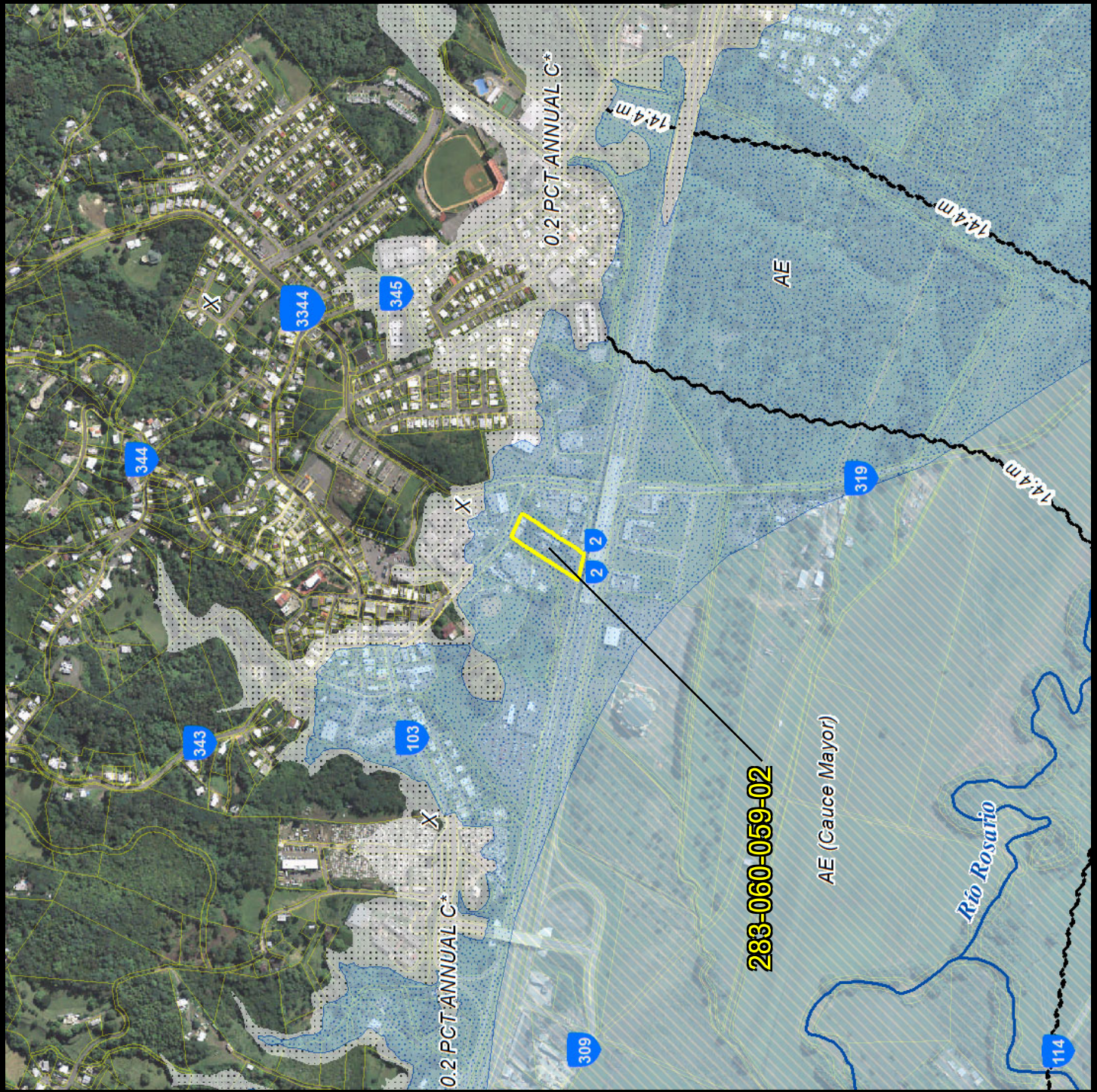
Notas:
Las elevaciones mostradas en estos mapas son consideradas la más elevadas disponibles basadas en los deslindes (Mapas de Tasas del Seguro de Inundación (FIRM, por sus siglas en inglés) actualizados.
Estos mapas NO han sido desarrollados para tomar determinaciones respecto al seguro de inundación del Programa Nacional del Seguro de Inundación (NFIP, por sus siglas en inglés). Para propósitos del seguro de inundación, se debe hacer referencia a los FIRMs vigentes para Puerto Rico y disponibles en <http://mhc.fema.gov> o en la herramienta MIPR de la Junta de Planificación (<http://gis.jp.gov/mipr/>)

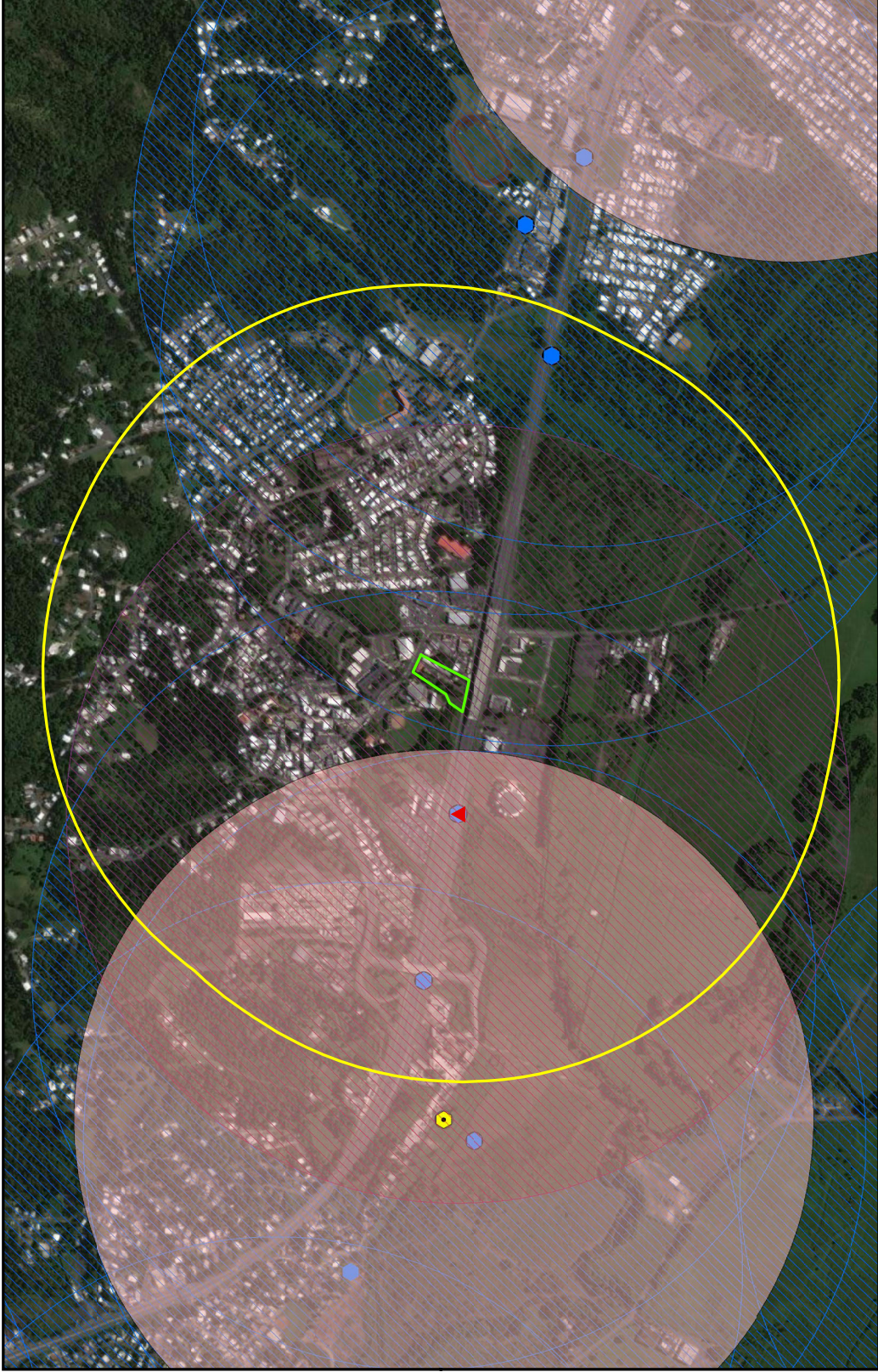
MAP SCALE
1 : 10,000

0 250 500 750 1000 1250
Kilometers


0 250 500 750 1000 1250
Feet

1/8 0 1/8
Miles





- Legend**
- ▲ Toxic Release Inventory
 - 3000 Ft Buffer
 - Project Boundary
 - 3000 Ft Buffer TRI
 - Superfund Sites
 - 3000 Ft Buffer Superfund
 - Resource Conservation and Recovery Act
 - 3000 Ft Buffer RCRA
 - Brownsfield Sites
 - 3000 Ft Buffer Brownsfield
 - ⊗ Hazardous waste

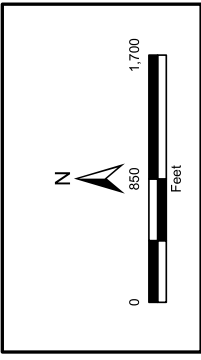


TETRA TECH

Source: EPA & NEPA FRS Interests
 Author: AK
 Date: 1/17/2022

Contamination and Toxic Substances Map

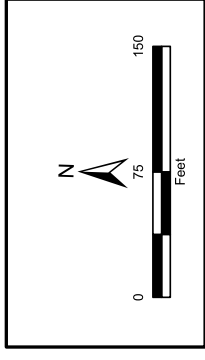
PR-CRP-000580: Revitalización de la Antigua Escuela Girardo González en un Centro de Usos Múltiples para la Comunidad Hormiguereña





- Legend**
- Project Boundary
 - FIRM Panels
 - Floodway
 - 100 Yr Floodzone
 - 500 Year Floodzone
 - Area of Minimal Flood Hazard
 - Unmapped For Floodplain

PUERTO RICO



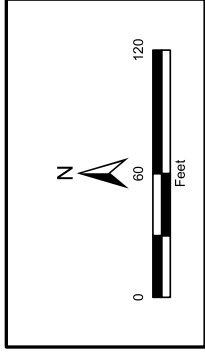
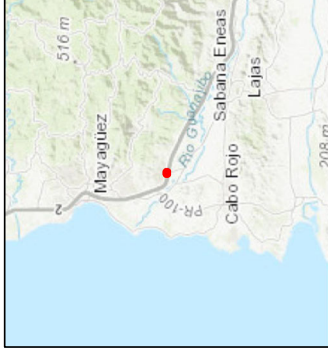
Floodplain Management Map
PR-CRP-000580: Revitalización de la Antigua
Escuela Girardo González en un Centro
de Usos Múltiples para la Comunidad Hormiguereña

TETRA TECH
 Source: FEMA
 Author: AK
 Date: 1/18/2022

- Legend**
- Project Boundary
 - Historic Districts
 - Historic Structures
 - Historic Cultural Resource Sites
 - Historic Resource Buildings



PUERTO RICO



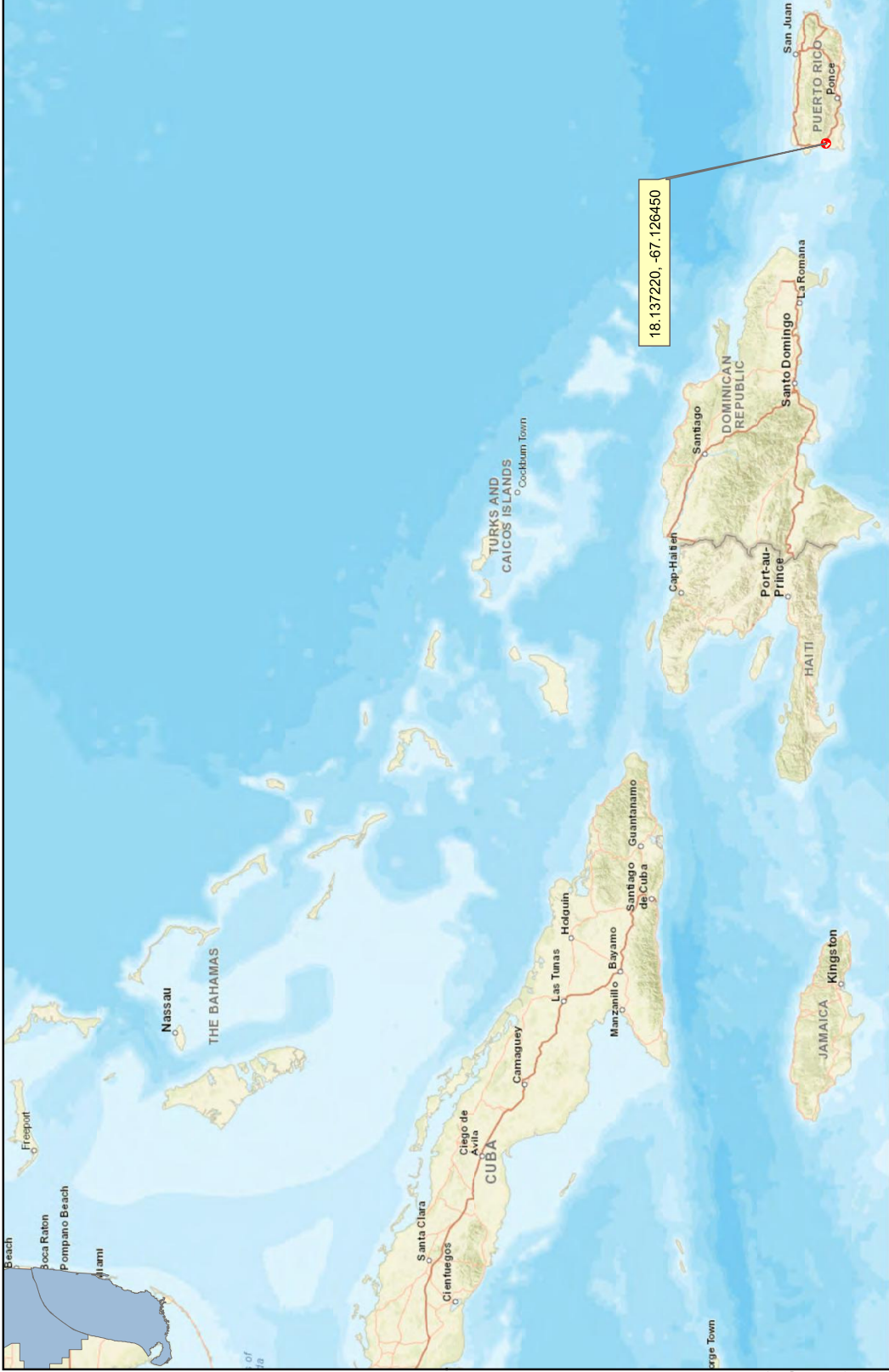
Historic Preservation Map
PR-CRP-000580: Revitalización de la Antigua
Escuela Girardo González en un Centro
de Usos Múltiples para la Comunidad Hormiguereña



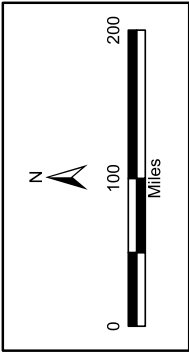
Source: NRIS

Author: AK

Date: 1/17/2022



PUERTO RICO

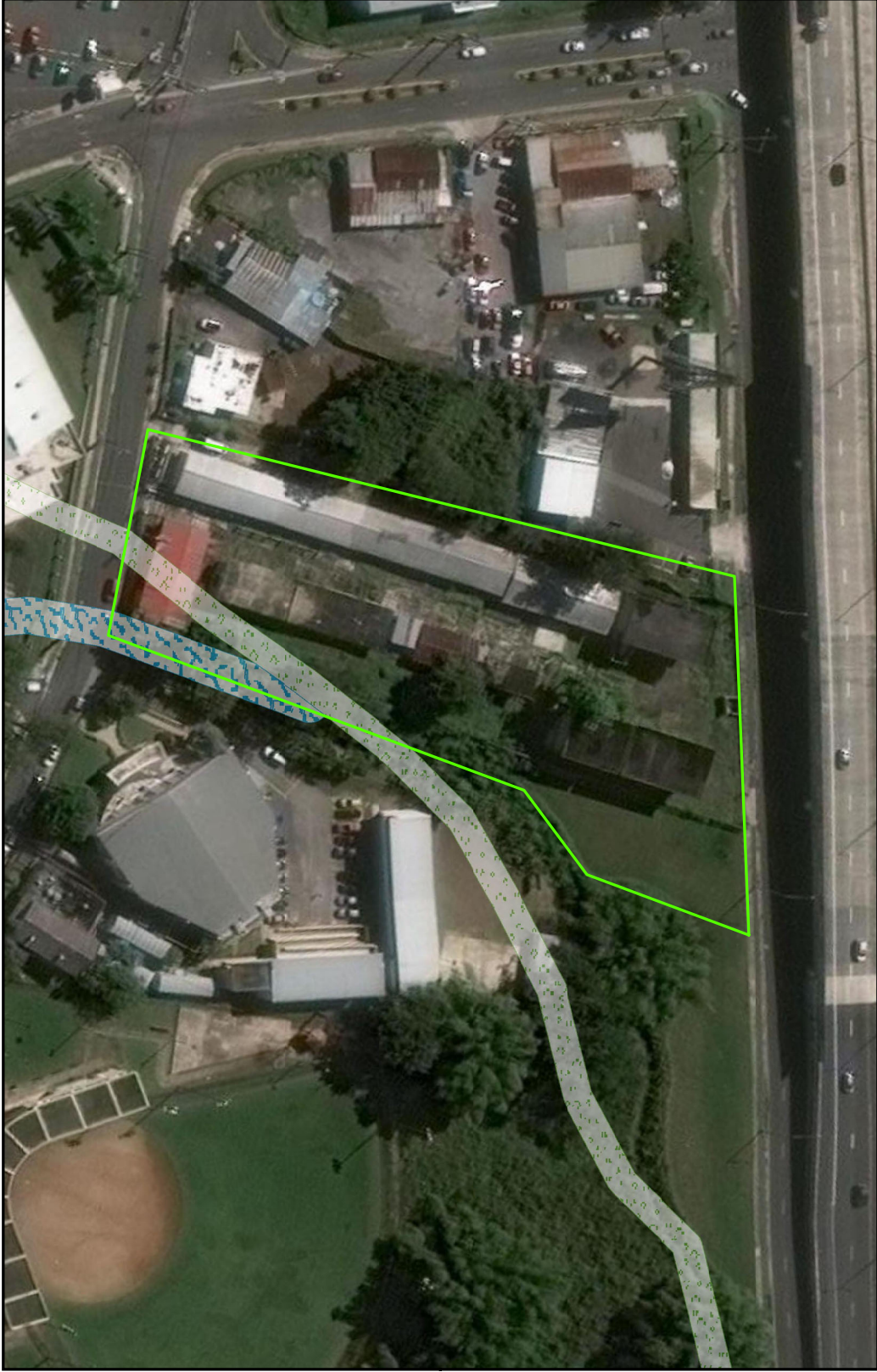


Sole Source Aquifers Map

Revitalización de la Antigua Escuela Girardo González

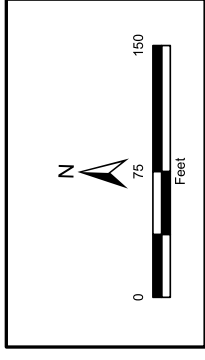
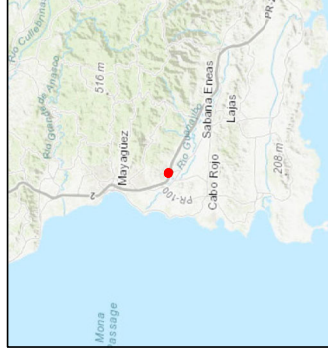
en un Centro de Usos Múltiples para la Comunidad Hormiguereña

 <p>TETRA TECH</p>	<p>Sources: CRW 2014, EPA 2020, ESRI 2021.</p> <p>Author: Genevieve Kaiser</p> <p>Date: 08/2022</p>
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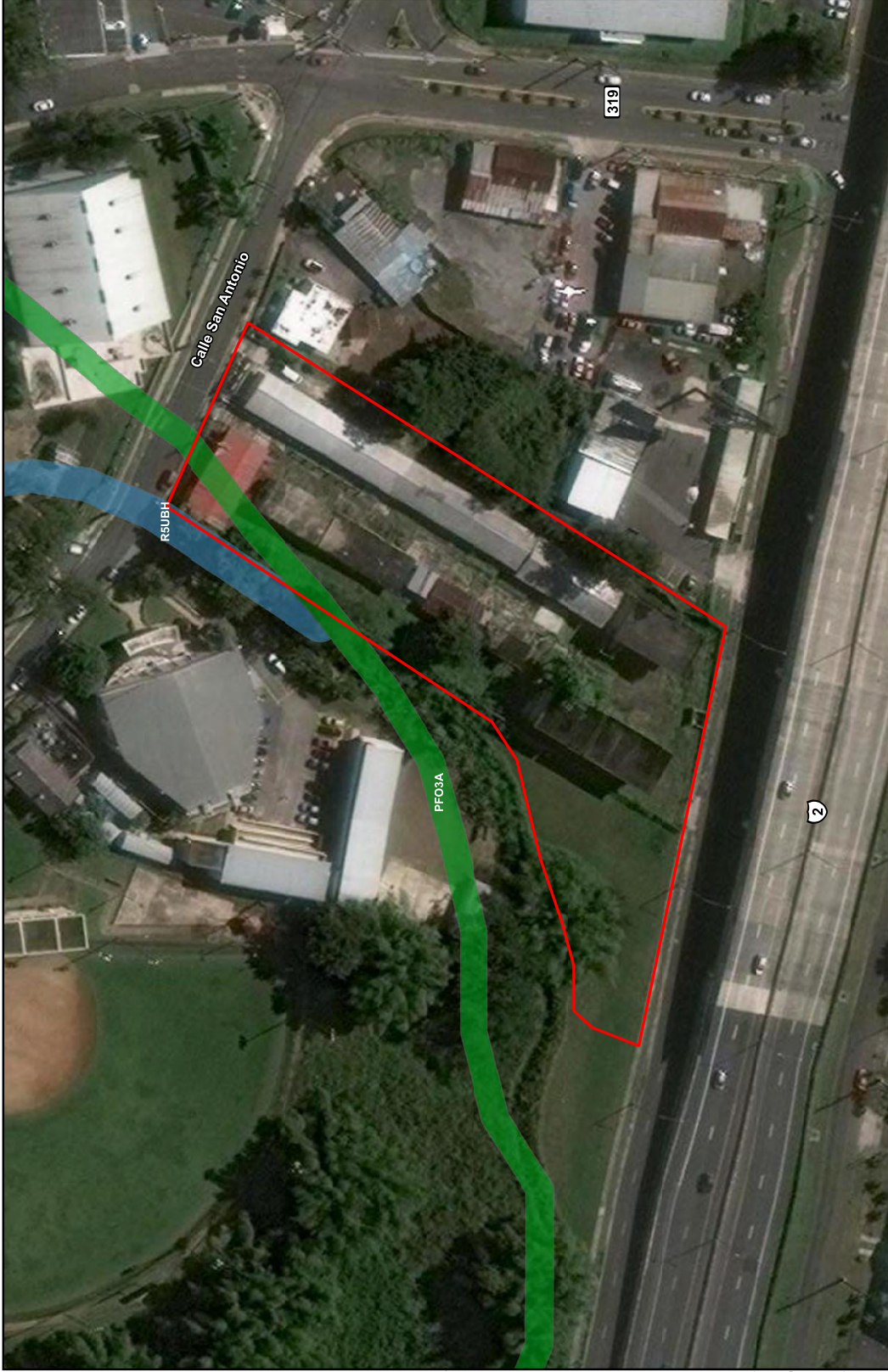
- Legend**
- Project Boundary
 - WETLAND TYPE**
 - Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Riverine

PUERTO RICO



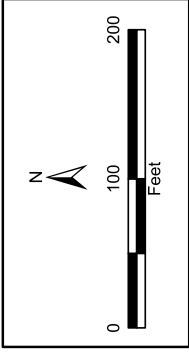
Wetlands Protection Map
PR-CRP-000580: Revitalización de la Antigua
Escuela Girardo González en un Centro
de Usos Múltiples para la Comunidad Hormiguereña

TETRA TECH
 Source: US Fish & Wildlife Service
 Author: JD
 Date: 1/17/2022



- Legend**
- Project Area
 - Wetlands**
 - Freshwater Forested/Shrub Wetland
 - Riverine

PUERTO RICO



Wetlands Map
Revitalización de la Antigua Escuela Girardo González
en un Centro de Usos Múltiples para la Comunidad Hormiguereña

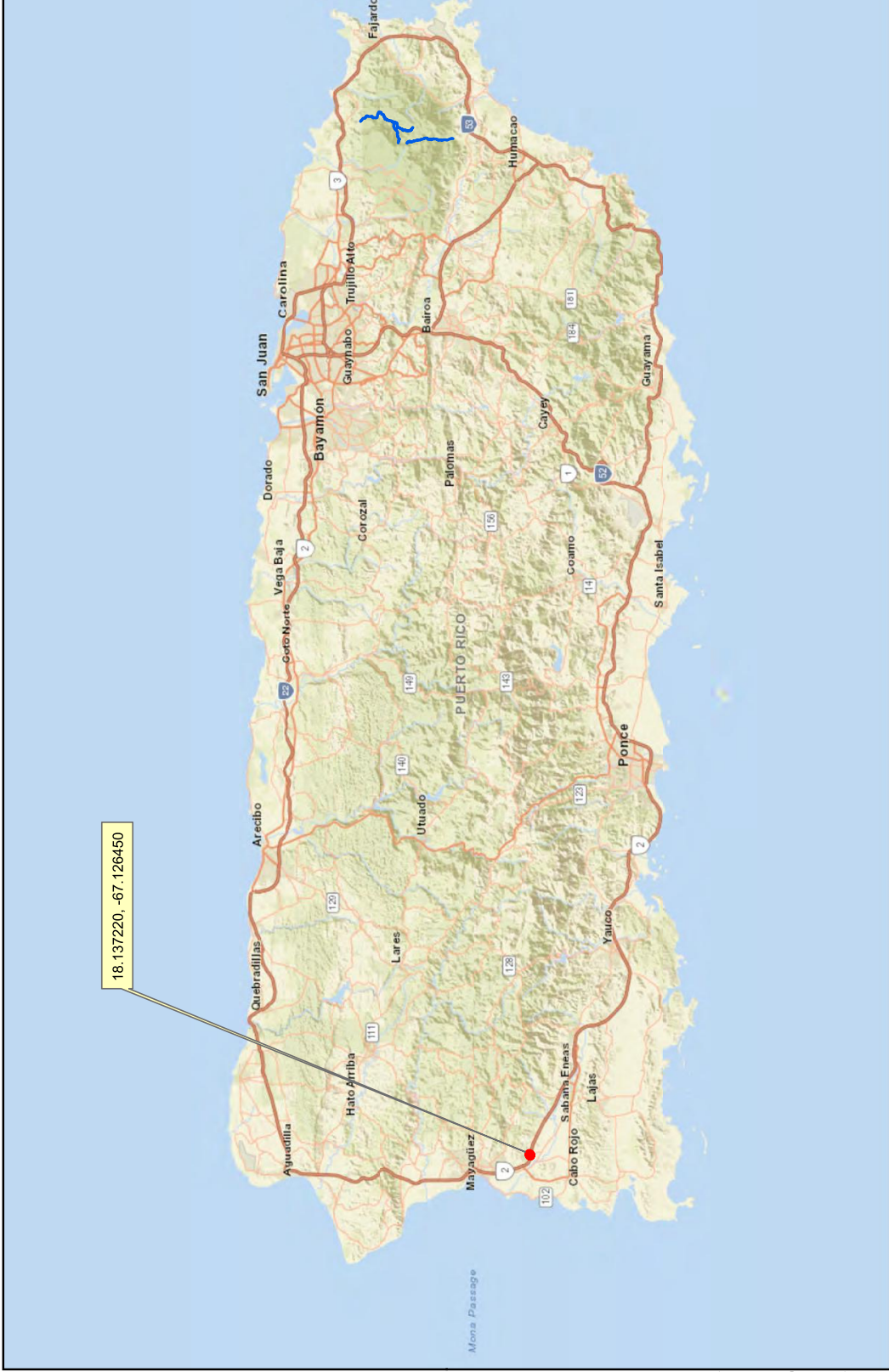


Source: Harris County Appraisal District
 2014 Fish and Wildlife Survey,
 National Wetlands Inventory 2016,
 ESRI 2021
 Author: Catherine
 Kaiser

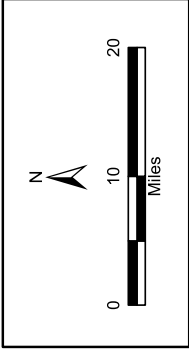
Date: 09/2022

Legend

- National Wild and Scenic Rivers
- Project Area



PUERTO RICO



Wild and Scenic Rivers Map
Revitalización de la Antigua Escuela Girardo González
en un Centro de Usos Múltiples para la Comunidad Hormiguereña



Source: CRIM 2014, US Forest Service 2019, ESRI 2021.
Author: Genevieve Kaiser
Date: 6/8/2022

Appendix C
Contamination and Toxics

Menu

Search EPA.gov

Related Topics: [Envirofacts <https://epa.gov/enviro>](https://epa.gov/enviro)

[CONTACT US <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>](https://www.epa.gov/enviro/forms/contact-us-about-envirofacts)

[Home <https://enviro.epa.gov>](https://enviro.epa.gov) | [Multisystem Search <https://enviro.epa.gov/facts/multisystem.html>](https://enviro.epa.gov/facts/multisystem.html) | [Topic Searches <https://www.epa.gov/enviro/topic-searches>](https://www.epa.gov/enviro/topic-searches) | [System Data Searches <https://www.epa.gov/enviro/system-data-searches>](https://www.epa.gov/enviro/system-data-searches) | [About the Data <https://www.epa.gov/enviro/about-data>](https://www.epa.gov/enviro/about-data) | [Data Downloads <https://www.epa.gov/enviro/data-downloads>](https://www.epa.gov/enviro/data-downloads) | [Widgets <https://www.epa.gov/enviro/widgets>](https://www.epa.gov/enviro/widgets) | [Services <https://www.epa.gov/enviro/web-services>](https://www.epa.gov/enviro/web-services) | [Mobile <https://www.epa.gov/enviro/uv-index-mobile-app>](https://www.epa.gov/enviro/uv-index-mobile-app) | [Other Datasets <https://epa.gov/node/111331>](https://epa.gov/node/111331)

[Data Disclaimer <http://www.epa.gov/wastes/disclaimer2.htm>](http://www.epa.gov/wastes/disclaimer2.htm)

RCRAInfo Facility Information

[<< Return](#)

HORMIGUEROS STP

Handler ID: PRD000689588
STATE RD 2 KM 162.9
HORMIGUEROS, PR 00660

County Name: HORMIGUEROS

Latitude: 18.137363

Longitude: -67.133307

Hazardous Waste Generator:

Owner Name: OWNERNAME

**You can navigate within the map with your mouse.*

No BIENNIAL REPORT data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
JULIO PUJOLS	STATE RD 2 KM 162.9	HORMIGUEROS	PR	00660	787- 754- 3216	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE	LAND DISPOSAL	INCINERATOR	BOILER AND OR INDUSTRIAL FURNACE	STORAGE	TREATMENT

HANDLER TYPE
Not in a universe

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
22132	SEWAGE TREATMENT FACILITIES

No Waste Codes are available for the facility listed above.

Go To Top Of The Page

Total Number of Facilities Retrieved: 1

Data Refresh Information <<https://epa.gov/resources/echo-data/about-the-data#sources>>

Detailed Facility Report

Facility Summary

EMERSON ELECTRIC CO. TERMINAL PRODUCTS

DIV.

PR-2 KM 163.3, HORMIGUEROS, PR 00660

FRS (Facility Registry Service) ID: 110007542187

EPA Region: 02

Latitude: 18.136647

Longitude: -67.129604

Locational Data Source: FRS

Industries: Electrical Equipment, Appliance, and Component

Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	12/03/1990
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other (PRD090030974)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 00660TRMNLSTATE

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007542187					N	18.136647	-67.129604
TRI	EP313	00660TRMNLSTATE	Toxics Release Inventory	Last Reported for 1990			N	18.136647	-67.129604
RCRAInfo	RCRA	PRD090030974	Other	Inactive ()			N	18.136647	-67.129604

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007542187	EMERSON ELECTRIC CO. TERMINAL PRODUCTS DIV.	PR-2 KM 163.3, HORMIGUEROS, PR 00660	Hormigueros Municipio
TRI	EP313	00660TRMNLSTATE	EMERSON ELECTRIC CO TERMINAL PRODUCTS DIV	STATE RD NO 2 KM 1633, HORMIGUEROS, PR 006600262	Hormigueros Municipio
RCRAInfo	RCRA	PRD090030974	TERMINAL PRODUCTS DIV	STATE RD 2 KM 163.3, HORMIGUEROS, PR 00660	Hormigueros Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00660TRMNLSTATE	3643	Current-Carrying Wiring Devices

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00660TRMNLSTATE	335931	Current-Carrying Wiring Device Manufacturing

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD090030974	No	01/15/2022	0	01/14/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRD090030974)	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions (5 Years)

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

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

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

Chemical Name
No data records returned

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	--
Ozone	--
NATA Diesel PM	59.3
NATA Air Toxics Cancer Risk	59.7
NATA Respiratory Hazard Index (HI)	59.8
Traffic Proximity	65.9
Lead Paint Indicator	64.6
National Priority List (NPL) Site Proximity	64.6

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Census Block Group EJ Indexes (percentile)	
Risk Management Plan (RMP) Site Proximity	60.1
Hazardous Waste Proximity	60.1
Wastewater Discharge Proximity	77.1

Demographic Profile of Surrounding Area (1 Mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	5,630
Population Density	1,877/sq.mi.
Percent People of Color	100%
Households in Area	1,903
Housing Units in Area	2,572
Total Persons (ACS (American Community Survey))	4,978
Households on Public Assistance	98
Persons With Low Income	3,821
Percent With Low Income	77%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.136647
Center Longitude	-67.129604
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than \$15,000	873 (45.92%)
\$15,000 - \$25,000	332 (17.46%)
\$25,000 - \$50,000	490 (25.78%)
\$50,000 - \$75,000	140 (7.36%)
Greater than \$75,000	66 (3.47%)

Age Breakdown - Persons (%)	
Children 5 years and younger	277 (5%)
Minors 17 years and younger	1,162 (21%)
Adults 18 years and older	4,467 (79%)
Seniors 65 years and older	1,186 (21%)

Race Breakdown - Persons (%)	
White	4,538 (81%)
African-American	474 (8%)
Hispanic-Origin	5,603 (100%)
Asian/Pacific Islander	4 (0%)
American Indian	18 (0%)
Other/Multiracial	595 (11%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	575 (15.56%)
9th through 12th Grade	323 (8.74%)
High School Diploma	1,241 (33.59%)
Some College/2-year	696 (18.84%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	859 (23.25%)

Detailed Facility Report

Facility Summary

SHELL #3425

PR-2 KM 162.4, HORMIGUEROS, PR 00660

FRS (Facility Registry Service) ID: 110007817853

EPA Region: 02

Latitude: 18.134668

Longitude: -67.119451

Locational Data Source: RCRAINFO

Industries:

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	--
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other (PRR000003822)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007817853					N	18.134668	-67.119451
ICIS		1400004435					N	18.137222	-67.133889
RCRAInfo	RCRA	PRR000003822	Other	Inactive ()			N	18.134668	-67.119451

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007817853	SHELL #3425	PR-2 KM 162.4, HORMIGUEROS, PR 00660	
ICIS		1400004435	SHELL #3425	RD 2, KM 162.4, HORMIGUEROS, PR 00660	Hormigueros Municipio
RCRAInfo	RCRA	PRR000003822	SHELL CO PR LTD - HORMIGUEROS SS 3425	CARR PR 2 KM 164.4, HORMIGUEROS, PR 00681	Hormigueros Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000003822	No	01/15/2022	0	01/14/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRR000003822)	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions (5 Years)

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

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICTIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

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

Chemical Name
No data records returned

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	--
Ozone	--
NATA Diesel PM	55.7
NATA Air Toxics Cancer Risk	52
NATA Respiratory Hazard Index (HI)	50.8
Traffic Proximity	25.2
Lead Paint Indicator	50.8
National Priority List (NPL) Site Proximity	23.3
Risk Management Plan (RMP) Site Proximity	49.3
Hazardous Waste Proximity	50.3

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (1 Mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	6,510
Population Density	2,073/sq.mi.
Percent People of Color	100%
Households in Area	1,766
Housing Units in Area	2,915
Total Persons (ACS (American Community Survey))	4,609
Households on Public Assistance	95
Persons With Low Income	3,388
Percent With Low Income	74%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.134668
Center Longitude	-67.119451
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than \$15,000	767 (43.38%)
\$15,000 - \$25,000	312 (17.65%)
\$25,000 - \$50,000	438 (24.77%)
\$50,000 - \$75,000	164 (9.28%)
Greater than \$75,000	87 (4.92%)

Age Breakdown - Persons (%)	
Children 5 years and younger	308 (5%)
Minors 17 years and younger	1,450 (22%)
Adults 18 years and older	5,059 (78%)
Seniors 65 years and older	1,209 (19%)

Race Breakdown - Persons (%)	
White	5,290 (81%)
African-American	488 (8%)
Hispanic-Origin	6,476 (99%)
Asian/Pacific Islander	4 (0%)
American Indian	26 (0%)
Other/Multiracial	701 (11%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	422 (12.68%)
9th through 12th Grade	275 (8.26%)
High School Diploma	1,040 (31.24%)
Some College/2-year	737 (22.14%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	853 (25.62%)

Detailed Facility Report

Facility Summary

TOYOTA DEL OESTE

PR-2 KM 162.6, HORMIGUEROS, PR 00660

FRS (Facility Registry Service) ID: 110031395194

EPA Region: 02

Latitude: 18.137118

Longitude: -67.131987

Locational Data Source: RCRAINFO

Industries: Repair and Maintenance

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG,
(PRR000019505)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031395194					N	18.137118	-67.131987
RCRAInfo	RCRA	PRR000019505	VSQG	Active (H)			N	18.137118	-67.131987

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031395194	TOYOTA DEL OESTE	PR-2 KM 162.6, HORMIGUEROS, PR 00660	Hormigueros Municipio
RCRAInfo	RCRA	PRR000019505	TOYOTA DEL OESTE	CARR #2 KM 162.6, HORMIGUEROS, PR 00660	Hormigueros Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000019505	81111	General Automotive Repair

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000019505	No	06/04/2022	0	06/03/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000019505)		04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on: Census Block Group - US ▼

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	--
Ozone	--
Diesel Particulate Matter	61.4
Air Toxics Cancer Risk	66.2
Air Toxics Respiratory Hazard Index	64.7
Traffic Proximity	67.6
Lead Paint	78.5
Risk Management Plan (RMP) Facility Proximity	64.6
Hazardous Waste Proximity	62.3
Superfund Proximity	78.5
Underground Storage Tanks (UST)	63.6
Wastewater Discharge	71.2

Number of EJ Indexes Above 80th Percentile
0

[View EJScreen Report](#)

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	5,479
Population Density	1,813/sq.mi.
Housing Units in Area	2,512

General Statistics (ACS (American Community Survey))	
Total Persons	4,982
Percent People of Color	100%
Households in Area	1,964
Households on Public Assistance	116
Persons With Low Income	3,768
Percent With Low Income	76%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.137118
Center Longitude	-67.131987
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	863 (43.87%)
\$15,000 - \$25,000	389 (19.78%)
\$25,000 - \$50,000	490 (24.91%)
\$50,000 - \$75,000	135 (6.86%)
Greater than \$75,000	90 (4.58%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	267 (5%)
Minors 17 years and younger	1,118 (20%)
Adults 18 years and older	4,361 (80%)
Seniors 65 years and older	1,200 (22%)

Race Breakdown (U.S. Census) - Persons (%)	
White	4,400 (80%)
African-American	470 (9%)
Hispanic-Origin	5,455 (100%)
Asian/Pacific Islander	4 (0%)
American Indian	16 (0%)
Other/Multiracial	589 (11%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	691 (18.05%)
9th through 12th Grade	228 (5.96%)
High School Diploma	1,282 (33.49%)
Some College/2-year	450 (11.76%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	850 (22.2%)

LAST UPDATED ON MAY 23, 2022

[DATA REFRESH INFORMATION](#)



Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO - PR CO-296

PR-156 KM 156.3, HORMIGUEROS, PR 00660

FRS (Facility Registry Service) ID: 110004893795
 EPA Region: 02
 Latitude: 18.135745
 Longitude: -67.124481
 Locational Data Source: RCRAINFO
 Industries: --
 Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Active VSQG,
 (PRR000008268)
 Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004893795					N	18.135745	-67.124481
ICIS		600036771					N	18.133975	-67.115041
RCRAInfo	RCRA	PRR000008268	VSQG	Active (H)			N	18.135745	-67.124481

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893795	ESSO STANDARD OIL CO - PR CO-296	PR-156 KM 156.3, HORMIGUEROS, PR 00660	Hormigueros Municipio
ICIS		600036771	ESSO S/S CO-296	ROAD 2 KM 156.3, HORMIGUEROS, PR 00660	Hormigueros Municipio
RCRAInfo	RCRA	PRR000008268	ESSO STANDARD OIL CO - PR CO-296	CARR 2 KM 156.3, HORMIGUEROS, PR 00660	Hormigueros Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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Facility NAICS (North American Industry Classification System) Codes

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

No data records returned

No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

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

No data records returned

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000008268	No	06/04/2022	0	06/03/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000008268)		04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation												
	Agency												

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on: Census Block Group - US ▼

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	--
Ozone	--
Diesel Particulate Matter	67.2
Air Toxics Cancer Risk	72.9
Air Toxics Respiratory Hazard Index	70.3
Traffic Proximity	92.8
Lead Paint	75.5
Risk Management Plan (RMP) Facility Proximity	69.3
Hazardous Waste Proximity	63.6
Superfund Proximity	85.8
Underground Storage Tanks (UST)	63.6
Wastewater Discharge	73.2

Number of EJ Indexes Above 80th Percentile
2

[View EJScreen Report](#)

Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DER Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	6,276
Population Density	2,027/sq.mi.
Housing Units in Area	2,818

General Statistics (ACS (American Community Survey))	
Total Persons	4,651
Percent People of Color	100%
Households in Area	1,822
Households on Public Assistance	109
Persons With Low Income	3,402
Percent With Low Income	73%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.135745
Center Longitude	-67.124481
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	768 (42.15%)
\$15,000 - \$25,000	382 (20.97%)
\$25,000 - \$50,000	427 (23.44%)
\$50,000 - \$75,000	146 (8.01%)
Greater than \$75,000	99 (5.43%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	298 (5%)
Minors 17 years and younger	1,374 (22%)
Adults 18 years and older	4,902 (78%)
Seniors 65 years and older	1,201 (19%)

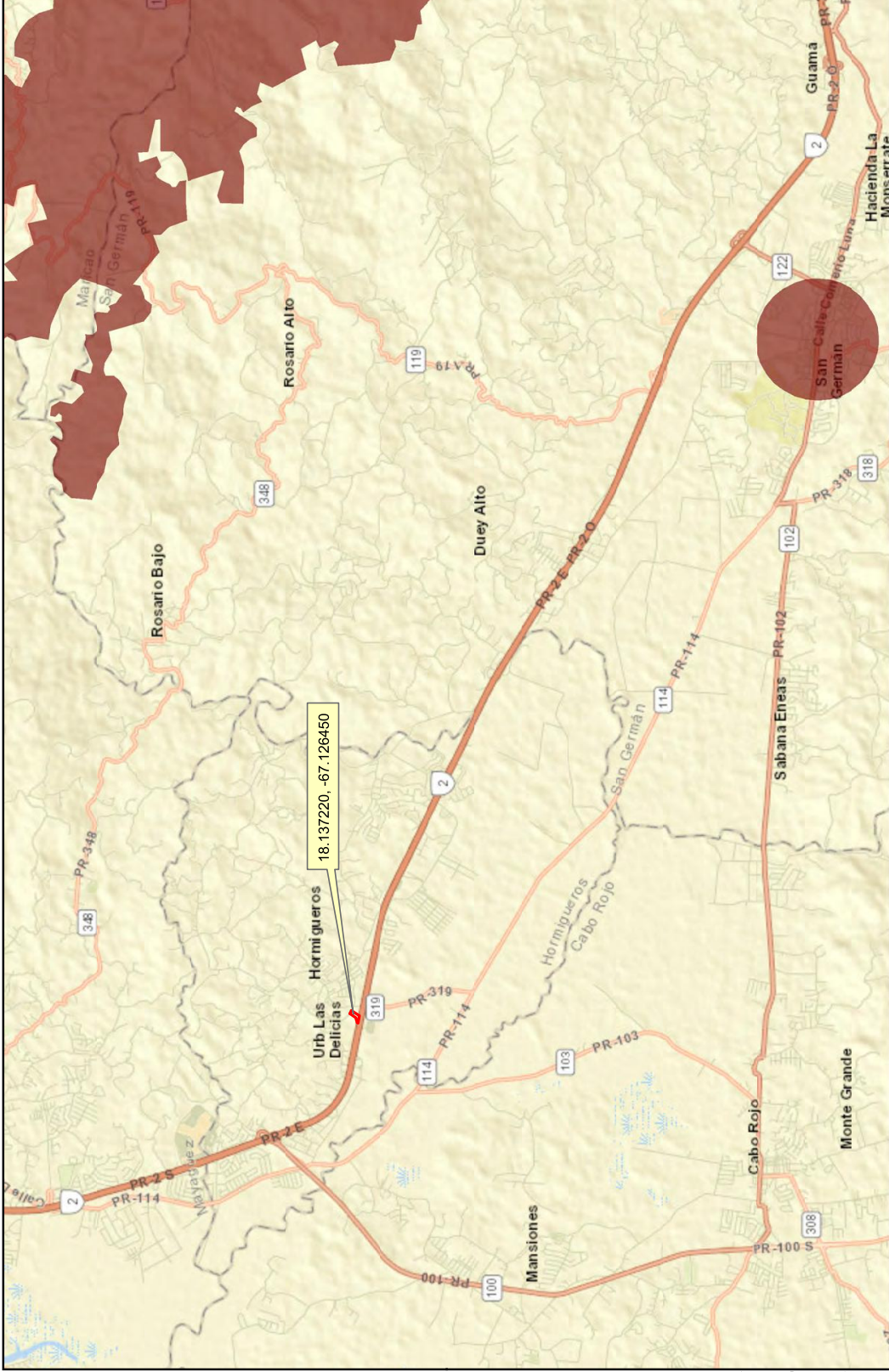
Race Breakdown (U.S. Census) - Persons (%)	
White	5,102 (81%)
African-American	483 (8%)
Hispanic-Origin	6,244 (99%)
Asian/Pacific Islander	4 (0%)
American Indian	27 (0%)
Other/Multiracial	660 (11%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	518 (14.85%)
9th through 12th Grade	210 (6.02%)
High School Diploma	1,144 (32.8%)
Some College/2-year	431 (12.36%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	860 (24.66%)

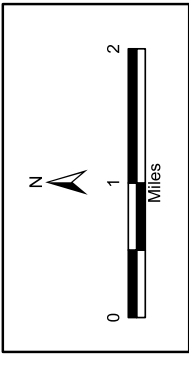
LAST UPDATED ON MAY 23, 2022

[DATA REFRESH INFORMATION](#)

Appendix D
Endangered Species



PUERTO RICO



Critical Habitat Map
Revitalización de la Antigua Escuela Girardo González
en un Centro de Usos Múltiples para la Comunidad Hormiguereña



Source: CRIM 2014, U.S. Fish and Wildlife Service 2022, ESRI 2021.
 Author: Genevieve Kaiser
 Date: 08/2022

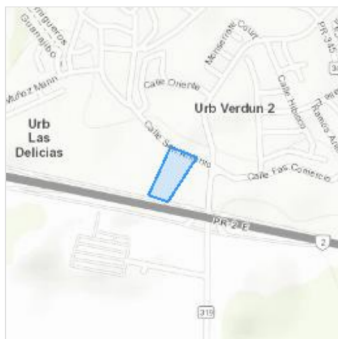
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Hormigueros County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (787) 851-7297

📠 (787) 851-7440

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Carr 301, Km 5.1, Bo Corozo

Boqueron, PR 00622-0510

<http://www.fws.gov/caribbean/es>

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act requires Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

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

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

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

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

THERE ARE NO MIGRATORY BIRDS OF CONSERVATION CONCERN EXPECTED TO OCCUR AT THIS LOCATION.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

Wildlife refuges and fish hatcheries

REFUGE AND FISH HATCHERY INFORMATION IS NOT AVAILABLE AT THIS TIME

Wetlands in the National Wetlands Inventory

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

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

WETLAND INFORMATION IS NOT AVAILABLE AT THIS TIME

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Appendix E
Historic Preservation



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

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

Monday, May 23, 2022

Lauren B. Poche, M.A.

Historic Preservation Manager-Architectural Historian, Government Services
HORNE
10000 Perkins Rowe, Suite 610 Bldg C
Baton rouge, LA 70810

SHPO: 05-03-22-02 CITY REVITALIZATION PROGRAM-REVITALIZACIÓN DE LA ANTIGUA ESCUELA GIRSRDO GONZALEZ LOCALIZADA EN #16 CALLE SEGUNDO RUIZ BELVIS, BO. PUEBLO, HORMIGUEROS, PUERTO RICO/PR-CRP-000580

Dear Ms. Poche,

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

We believe that an Agency finding of **no adverse effect** would be appropriate for this undertaking. If the agency official will not conduct the undertaking as proposed in the finding, the agency official shall reopen consultation under 36 CFR § 800.5(b).

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

Sincerely,

Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MDT



May 3, 2022

Carlos A. Rubio Cancela
Director Ejecutivo
Oficina Estatal de Conservación Histórica
Cuartel de Ballajá (Tercer Piso)

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization Program (CRP)

Section 106 NHPA Effect Determination Submittal for PR-CRP-000580, Revitalización de la Antigua Escuela Girardo González Project, Hormigueros, Puerto Rico

Dear Architect Rubio Cancela,

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 (PRDOH) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents. To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the Department's objectives Puerto Rico Housing (PRDOH) for CDBG-DR.

On behalf of PRDOH and the subrecipient, the Municipality of Hormigueros, we are submitting documentation for the proposed Revitalización de la Antigua Escuela Girardo González project. The full scope is described in the submitted documentation, which includes mapping, photographs, and the design drawings for the proposed improvements. Based on the provided documentation, the Program requests a concurrence with a determination that "No Historic Properties Affected" is appropriate for this undertaking.

Please contact me by email at lauren.poche@horne.com or phone at 225-405-7676, or Ms. Sharon Meléndez Ortiz at sharon.melendez@horne.com.


Kindest regards,



Lauren Bair Poche

Architectural Historian, Historic Preservation Manager

Enclosures

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
Subrecipient: Municipio de Hormigueros		
Project Name: Revitalización de la Antigua Escuela Girardo González		Project ID Number: PR-CRP-000580

Project Location: 16 Calle Segundo Ruiz Belvis, Pueblo Ward, Hormigueros PR 00660	
Project Coordinates: 18.13744, -67.12636 (Building1) / 18.13722, -67.12645 (Building 2)	
TPID (Número de Catastro): 283-060-059-02	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction	
Construction Date (AH est.): Circa 1952	Property Size (acres): 1.675


SOI-Qualified Architect/Architectural Historian: Onairis N. Perez, B. Arch
Date Reviewed: March 29, 2022, Revised April 22, 2022.
SOI-Qualified Archaeologist: Jesus E. Vega, Ph.D.
Date Reviewed: March 28, 2022, Revised April 22, 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, PR-CRP-000580)

The Old Girardo González School is located at Carr. PR-309, Km 2.6 Bo. Pueblo in the municipality of Hormigueros. This town is located in the southwest of the Commonwealth of Puerto Rico. The region belonged to the Guaynia region. Archaeological findings have established that there were tribes already settled in the region around 820 BC. The rivers that pass through this area are the Rosario River and the Guanajibo River. This municipality is divided into 5 neighborhoods (Guanajibo, Jaguitas, Lavadero, Benaverte, and Hormigueros) and the "Hormigueros Pueblo" (the urban and administrative center).

The first stage of construction of the Elementary School dates between 1952 and 1953. The Girardo González School belonged to the Open School program of the Puerto Rico Department of Education and served as an urban elementary school for many years. This school offered instruction from kindergarten to 6th grade during the last decades of the twentieth century, receiving students from sectors such as Pueblo, Benavente, Urb. La Monserrate, Colinas del Oeste, and Hoya Grande. Eventually, the Elementary School closed operations in 2003. In 2018, the Municipality of Hormigueros received the transfer and assignment of said property free of payment, from the State or Central Government of Puerto Rico, with the title of assignment for "the development of activities or programs that benefit

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580


the entire community such as educational, community, or commercial projects that do not imply or involve the transfer of ownership to third parties," as quoted from the deed.

The Municipal Administration of Hormigueros is interested in the complete revitalization of this urban space, transforming it into a place of benefit for the community by promoting positive generational encounters. Currently, there is a working agreement with the Diocese of Mayagüez through the Early Head Start Program, which has already prepared one of the school buildings for the storage of educational materials of said program for the municipalities of Hormigueros and the western region of Puerto Rico.

With the funds CDBG-DR City Revitalization, the Municipality is interested in rehabilitating what was once the old school dining room and the adjoining rooms on the right side to relocate the Educational Center – Valle Infantil that is currently located in one of the fields. It should be noted that this Educational Center serves low-income families in which at least one parent works or studies, either part-time or full-time. This undertaking will contribute towards turning these spaces into structures resilient to atmospheric events and earthquakes. Additionally, air conditioners and air purification systems will be installed to keep classroom environments as safe as possible. Likewise, it is encouraged to develop reforestation projects to improve the surrounding green areas. With this project, the Children's Valley Educational Project of the Carretera Nueva at Pueblo Sector would be relocated, with free educational services expanded and made more accessible to the impact population.

Remodeling plans include Buildings 1, the old dining room, and Building 2, which houses the school halls. The planning of this revitalization includes cleaning and sealing roofs, repair of doors and windows, repair of the electrical structure, repair of bathrooms, improving the connection of both buildings, correcting fence arrangements, painting the structure, and reforestation. Within the plan, a new connection has been added in the design to connect both buildings. Additionally, the proposed construction has considered improving security in the eventuality of seismic movements. The partial revitalization of this former school will provide services and opportunities to establish an EHS-Child Care Partnership Center, which will serve a population of children ages 3 months to 3 years and their respective families. Registration will include three classrooms according to the chronological age of the children. Such environments must have at least 35 ft² each, with 75 ft² in outdoor space.

In addition, these facilities will have two kitchens, a food warehouse, an office for the center's director, reception area, lactation area, and a laundry. As an essential part of the

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580

development of this project, an outdoor play area should be provided for the physical development of the participants. These improved facilities will have a positive impact on families and the community of Hormigueros. All the above will give relief to the community, while providing an integrated solution to help in the recovery of this urban area.


Area of Potential Effects

As defined in 36 CFR §800.16(d), the Area of Potential Effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is limited to the northwest corner of the parcel, encompassing only Building 1 and Building 2 of the school compound, and constrained to the north by the public road, to the west by the parcel boundary, and to the south and east by the other buildings within the same parcel. The indirect or visual APE is the viewshed of the proposed project, these include de Presbyterian Church to the northwest, the Segundo Ruiz Belbis High School Court to the north and the Luis Muñoz Marín Avenue structure to the far southwest.

Identification of Historic Properties – Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program-contracted Historic Preservation Specialist meeting the Secretary of the Interior’s Professional Qualification Standards (36 CFR Part 61), shows that the project area is within a quarter-mile distance of six recorded archaeological sites and/or NRHP listed/eligible historic properties. “No data” denotes no corresponding Instituto de Cultura Puertorriqueña (ICP), State Historic Preservation Office (SHPO), or National Register of Historic Places (NRHP) identification was found.

1. Santuario Nuestra Señora de la Monserrate (HG0200001), 0.23 mi NW – Historic, small hermitage built in 1590 by local Girardo González in veneration of the Virgin Mary; officially and canonically declared a national sanctuary of Puerto Rico by Bishop Fernando de Valvidia y Mendoza in 1720; became the Parish of Our Lady of Monserrate on June 1, 1874, and Pope John Paul II elevated it to a basilica on May 19, 1998.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580

2. Casa de Hacienda Márquez (HG0200007), 0.13 mi NW – Historic, rectangular two-story residence—the first level is made of masonry while the second level of wood, roofed with galvanized zinc—built toward the end of the 18th century for the services of the sugar hacienda with the upper floor serving as a home; from 1780 to the present, the residence has subsequently belonged to seven families, the family of José Marchani and Inés Menéndez being the first to inhabit the premises.
3. Casa Alcaldía o Ayuntamiento (HG0200014), 0.13 mi NW – Historic, town hall building.
4. Escuela Segundo Ruiz Belvis (HG0200020), 0.04 mi NW – Historic, 20th century school building named after the abolitionist and revolutionary lawyer native of Hormigueros.
5. Garrow Site #22 (HG0100017), 0.16 mi SW – Historic site south of Highway PR-2.
6. Plaza de Recreo de Hormigueros (No data), 0.20 mi NW – Historic, town square.

There are seven cultural resource studies within a quarter-mile radius of the property:

1. Phase 1A, Escuela Superior Vocacional Segundo Ruiz Belvis (J. López Meléndez 2001), CAT-HG-01-03-01, Negative, 0.03 mi NW
2. Phase 1B, Escuela Superior Vocacional Segundo Ruiz Belvis (J. López Meléndez 2002), CAT-HG-02-03-04, Negative, 0.03 mi NW
3. Phase 1A, Estacionamiento Municipal y Plaza de Recreo (J. González Colón 2000), CAT-HG-01-03-02, Positive, 0.20 mi NW
4. Phase 1A-1B, Archaeological Reconnaissance of Five Tracts in the Río Guanajibo Basin, Puerto Rico (D. Elliot 1987), CAT-MY-87-10-08, Positive, 0.16 mi SW
5. Nomination of Casa de Hacienda Márquez to the National Register of Historic Places (A. Pabón-Charneco, J. Marull Del Río, S. Gala & E. Albino Plugues 2015), 15000311, Positive, 0.13 mi NW
6. Nomination of Santuario Nuestra Señora de la Monserrate to the National Register of Historic Places (A. Dávila 1975), 75002134, Positive, 0.23 mi NW
7. Casa Márquez: Historia de una Familia en Puerto Rico (M. Frances Gallart 2014), No data, Positive, 0.14 mi NW

The possibility of undocumented prehistoric and/or historic material deposits near or within the direct APE of this undertaking has been evaluated. For instance, in their island-wide, pioneering archaeological surveys sponsored by the New York Academy of Sciences, Froelich G. Rainey (1940) and Irving Rouse (1952) do not report any prehistoric sites for the Municipality of Hormigueros. In their *Phase 1A-1B, Archaeological Reconnaissance of Five Tracts in the Río Guanajibo Basin, Puerto Rico* for Garrow and Associates, Inc., Daniel T. Elliot

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580

and D. L. McWatters (1987) present an archaeological overview of Hormigueros in relation to proposed flood controls of the Río Guanajibo by the U.S. Army Corps of Engineers. Elliot and McWatters do not report any prehistoric archaeological sites north of Highway PR-2. The cultural sensitivity of the quarter-mile radius buffer appears to be limited to historic resources, including the archaeological site of Garrow Site #22 (HG0100017), located south of PR-2 and 0.16 miles (857.70 feet) southwest of the Girardo González School. Thus, the information available indicates that there are no prehistoric archaeological sites reported within the direct APE or within the quarter-mile radius buffer of the proposed project location. Additionally, the property is in Urban Land (Ua), approximately 0.12 miles (645.34 feet) southeast of the Hormigueros Traditional Urban Center. The closest body of fresh water to the Girardo González School is a meander of the Guanajibo River, a river that runs in a northwesterly direction, with its outlet on the west coast of Puerto Rico, located 0.58 miles (3,049.80 feet) southwest of the property and across Highway PR-2. Overall, the direct APE is not considered sensitive for undocumented prehistoric sites.

The Antigua Escuela Girardo González began construction of its elementary school between 1952 and 1953 on the northwest corner of the #283-060-059-02 parcel and eventually closed operations in 2003. The school compound houses several buildings, such as the old dining room, at the front of the parcel and facing San Antonio Street (PR-3), and the school hall, south of the dining room and oriented perpendicularly. Both of these buildings are communicated by a paved outdoor area extending from the public street to the middle of the parcel. Other buildings surround them within the same parcel to the south and east. According to the aerial photography of the U.S. Geological Survey provided by Google Earth Pro, the two school buildings appear between 1993 to the present year. Vegetation has not varied throughout the years; mostly sparse and a handful of planted trees to provide shade when the school was operant. Given the available information, there is a low probability of finding remnants associated with earlier occupations, as the parcel has remained relatively unchanged throughout the years since the school's inauguration in 1952 and after its closure in 2003.

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

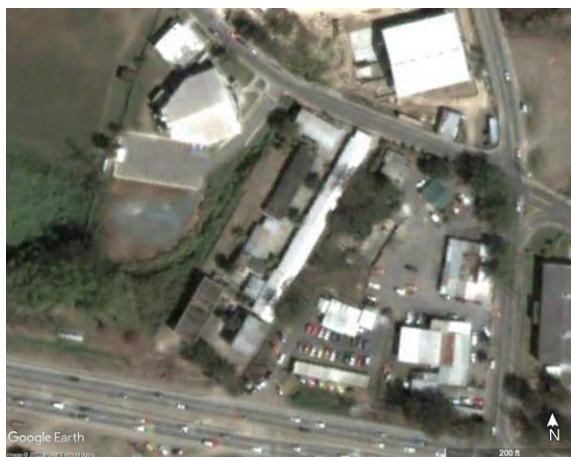
Project ID Number:
PR-CRP-000580



Historic Aerials, 1975. By Netro Online.




U.S. Geological Survey, 1993 Aerial Photograph, Google Earth Pro.



U.S. Geological Survey, 2004 Aerial Photograph, Google Earth Pro



U.S. Geological Survey, 2018 Aerial Photograph, Google Earth Pro

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580


Identification of Historic Properties – Architecture

The Old Girardo González School was one of many structures made as part of the urban development in Puerto Rico that started in the 1940's with the "New Deal"; It consisted of multiple roads, energy, water infrastructure, agricultural technology programs, investment in social programs, public buildings, and housing projects, in order to stimulate the country's depressed economy, as well as develop programs to fight the extremely high rate of unemployment, poverty, hunger and repeated infectious events of epidemic diseases in the island. Most of the municipal buildings that were built consisted, like this one, of concrete with columns constructed of woven steel rods, encased in concrete, following the structural standard, guidelines and a more austere designs of the modern movement of the period. This building in particular has a wood ceiling structure and a corrugated metal gable roof top. The doors are made of flush aluminum and the windows made of aluminum on "Miami style". The first building is parallel to the public road facing on the long side northeast, the second building is perpendicular to this facing the long side southeast to the side of the property.

These structures have suffered from delayed maintenance, neglect, and damage from natural disasters. Even while they comply with the original location and design, as they are still in their original location, same massing, scale and pattern of fenestration, they do not fulfill the requirements of setting, materials, workmanship, feeling, and association to merit its inclusion in the NRHP. The materials have cracks and aged ungratefully, some have been lost, no significant workmanship of a particular decade is present on this design, it does not have a feeling/association or is related to a particular place, neighborhood, or decade.


Neither do they meet any of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. These buildings are not associated with any important events, practices, beliefs, trends, or traditional cultural values. They are not associated with an individual, group or activities that were important within local, state, or national history. The residence does not embody distinctive characteristics or methods of construction. They are not the work of a work of a master nor possess high artistic or historic value. The buildings are rudimentary and unskillful in aspiration and realization compared with other examples of similar decade. For all these reasons these two buildings are not eligible for inclusion in the NRHP.

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580

this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior’s Professional Qualification Standards (36 CFR Part 61), shows that the project area **is not** adjacent or within the boundaries of any National Register of Historic Places (NRHP)-eligible/listed property. However, the following eligible and listed historic properties are within a quarter mile:

1. Santuario Nuestra Señora de la Monserrate (75002134), 0.23 mi NW on April, 17, 1975. Historic, small hermitage built in 1590 by local Girardo González in veneration of the Virgin Mary; officially and canonically declared a national sanctuary of Puerto Rico by Bishop Fernando de Valvidia y Mendoza in 1720; became the Parish of Our Lady of Monserrate on June 1, 1874, and Pope John Paul II elevated it to a basilica on May 19, 1998.
2. Casa Marquez (Hacienda Valentina) (15000311) 0.13 mi NW on June 1, 2015. Historic, rectangular two-story residence—the first level is made of masonry while the second level of wood, roofed with galvanized zinc—built toward the end of the 18th century for the services of the sugar hacienda with the upper floor serving as a home; from 1780 to the present, the residence has subsequently belonged to seven families, the family of José Marchani and Inés Menéndez being the first to inhabit the premises.
3. Hormigueros Traditional Urban Center, 0.12 mi NW. According to some historians, in 1874 Hormigueros was founded officially and constituted as a town, on the recommendation of the Provincial Council.
4. Casa Alcaldía o Ayuntamiento (HG0200014), 0.13 mi NW – Historic, town hall building.
5. Escuela Segundo Ruiz Belvis (HG0200020), 0.04 mi NW – Historic, 20th century school building named after the abolitionist and revolutionary lawyer native of Hormigueros.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580


Determination

The following historic properties have been identified within the APE:

- Direct Effect: No Traditional Urban Centers, Historic Zones, or NHRP eligible or listed properties are reported within the property APE. No archaeological sites, Cultural Resources and/or NRHP listed/eligible historic properties are reported within the APE.
- Indirect Effect: No Traditional Urban Centers, Historic Zones or NHRP eligible or listed properties are adjacent or can be seen within the property APE. No archaeological sites, Cultural Resources and/or NRHP listed/eligible historic properties are reported within the APE.

Based on the results of our historic property identification efforts, the Program has determined that no historic properties are present within the direct or indirect APE. No sensitive historical area should be affected by the proposed project. There are no known archaeological sites, prehistoric or historic, in or adjacent to the APE.

In summary, the closest reported archaeological materials or significant cultural properties, associated with Escuela Segundo Ruiz Belvis (HG0200020), are located 0.04 miles (194.45 feet) northwest of the Antigua Escuela Girardo González. This historic property consists of a 20th century school building on the other side of San Antonio Street (PR-3). There are no known archaeological sites or NRHP listed/eligible historic properties within or adjacent to the direct or indirect APE, as reported by the seven cultural resource studies conducted within a quarter-mile radius of the proposed project location. Additionally, the probability of undocumented prehistoric and/or historic material deposits near or within the direct APE of this undertaking should be considered low given the information available. There is also a low probability of finding remnants associated with earlier occupations as the parcel has remained relatively unchanged throughout the years since the school's inauguration in 1952 and after its closure in 2003. The project buildings have been determined as not eligible for inclusion on the NRHP. Therefore, a determination of No Historic Properties Affected has been made for this project. No additional studies are recommended.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Hormigueros	
Project Name: Revitalización de la Antigua Escuela Girardo González	Project ID Number: PR-CRP-000580

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

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

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

This Section is to be Completed by SHPO Staff Only

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

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

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



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Source:

Author: GK

Date: 4/13/2022

Legend

 Area of Potential Effect



Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location - Aerial Map



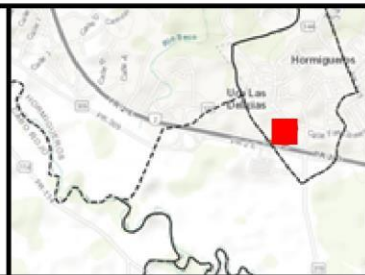
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Source:

Legend

- Area of Potential Effect
- Parcels



Author: GK

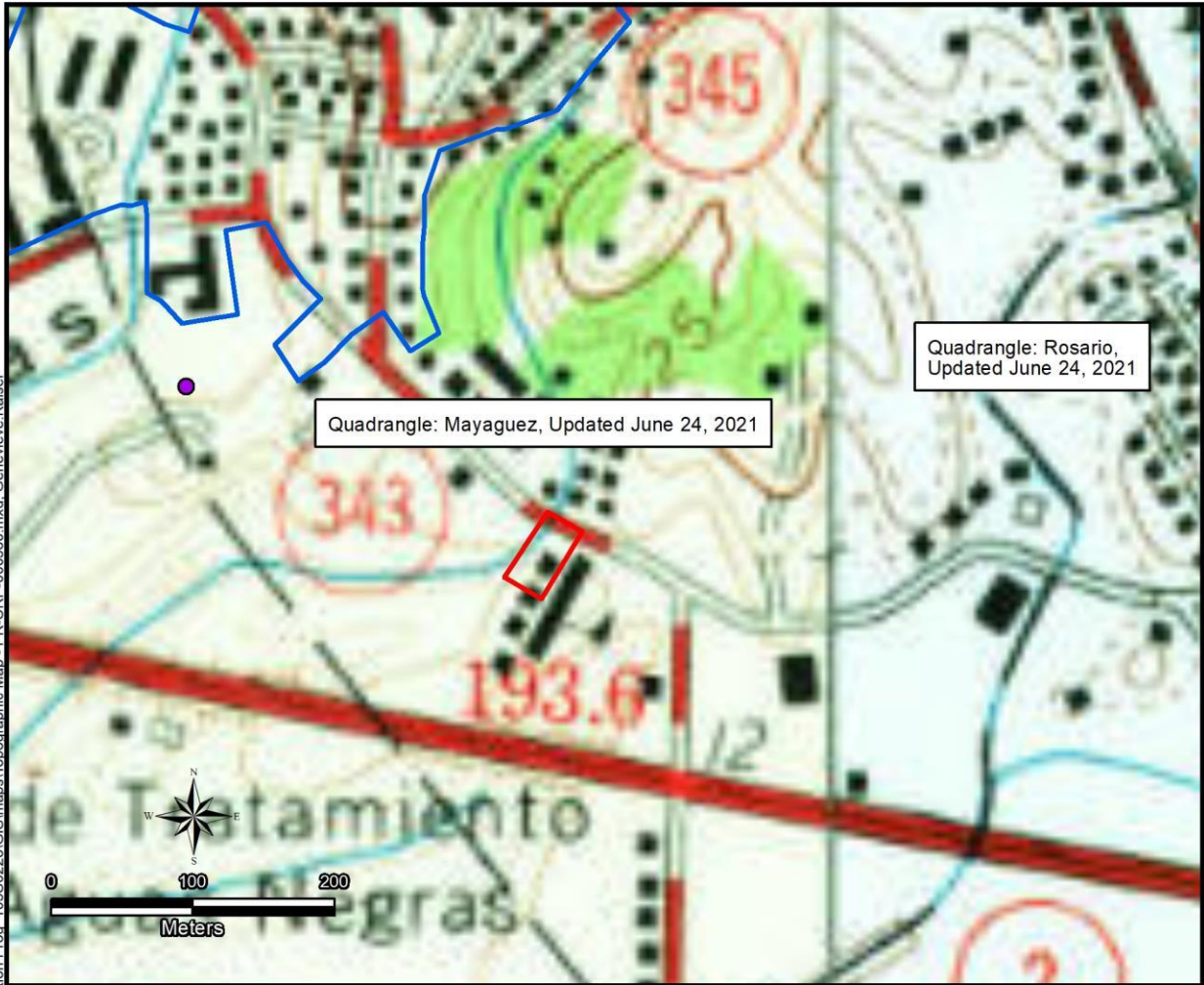
Date: 4/13/2022

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location - USGS Topographic Map



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TETRA TECH

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SOCIETY, I-CUBED

Author: GK

Date: 4/13/2022

Legend

-  Cultural Resource Building Point
-  Area of Potential Effect
-  Traditional Urban Area



Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location – Soils Map



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TETRA TECH

Source: U.S. Department of Agriculture
Natural Resources Conservation Service

Author: GK

Date: 4/13/2022

- Area of Potential Effect
- Parcels
- Soil Type**
- CoA=Coloso clay, 0 to 2 percent slopes, occasionally flooded
- LkB=Lares clay, 0 to 5 percent slopes
- ToA=Toa clay loam, 0 to 2 percent slopes, occasionally flooded
- Ua=Urban land



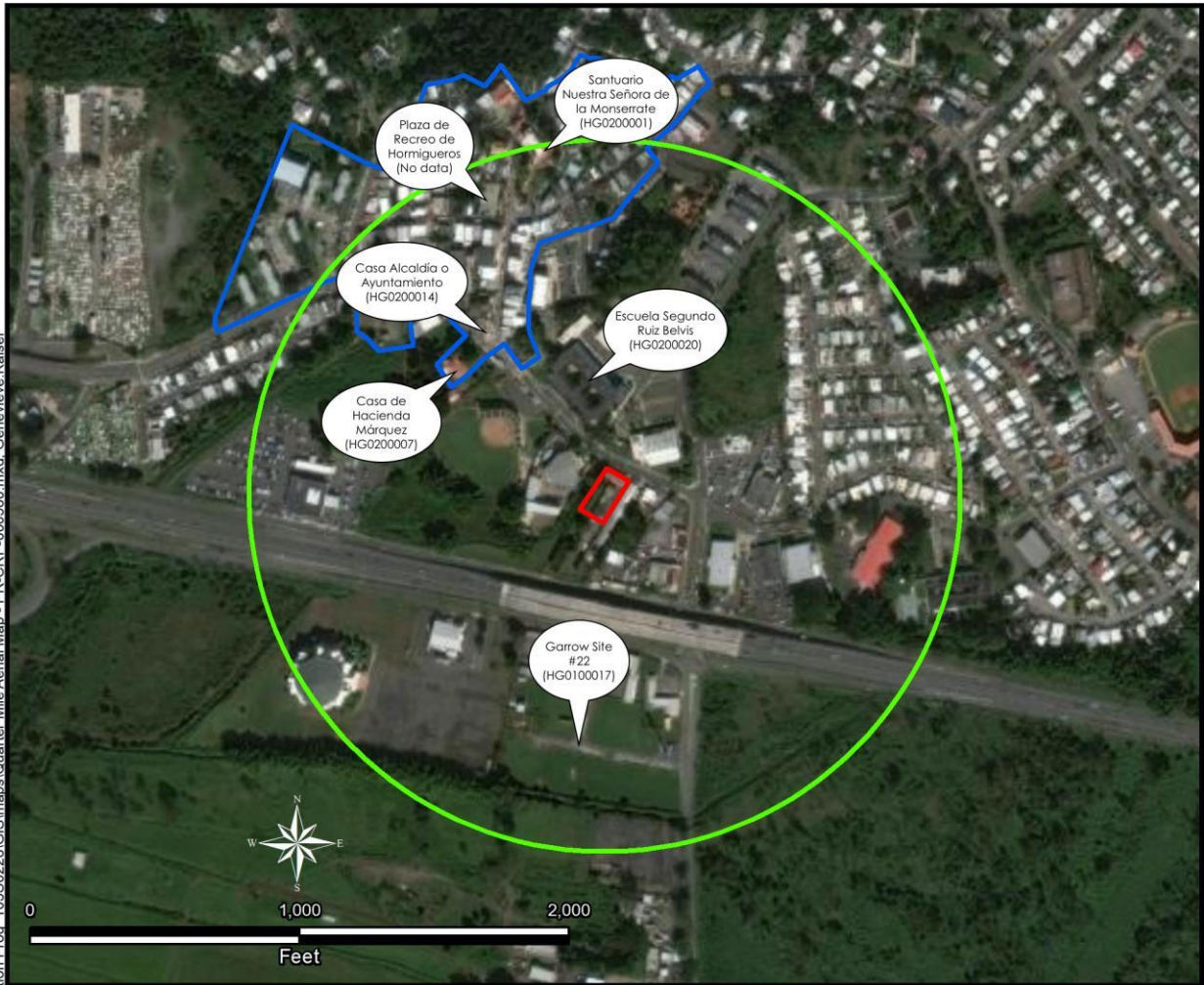


Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location with Recorded Cultural Resources - Aerial Map



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TETRA TECH

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, National Park Service

Author: GK

Date: 4/13/2022

Legend

- Cultural Resource Building Point
- Area of Potential Effect
- Quarter Mile Buffer
- Traditional Urban Area

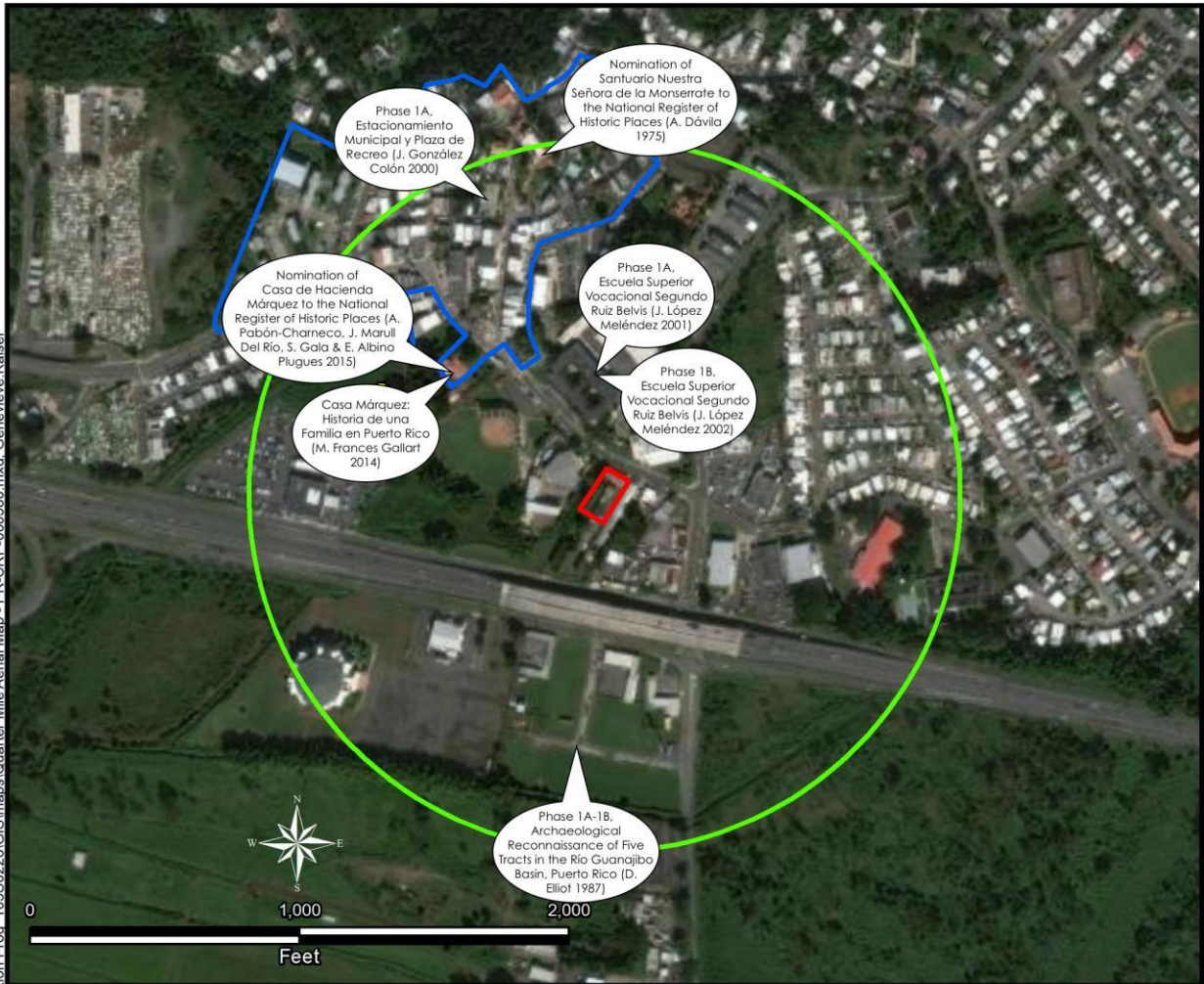


Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location with Previous Investigations - Aerial Map



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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, National Park Service

Author: GK Date: 4/13/2022

Legend

- Cultural Resource Building Point
- Area of Potential Effect
- Quarter Mile Buffer
- Traditional Urban Area



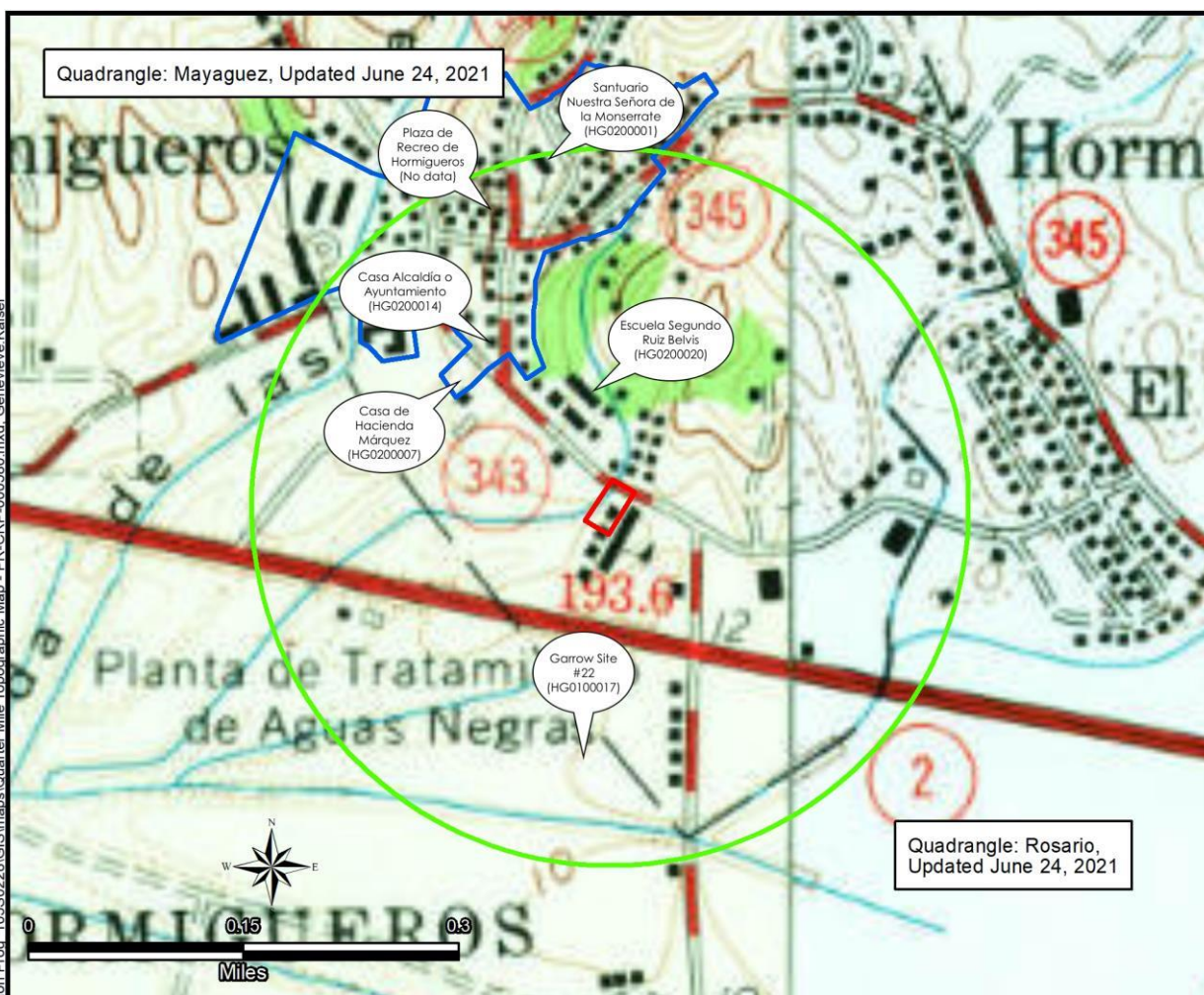
Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Project (Parcel) Location with Previous Recorded Cultural Resources

USGS Topographic Map



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Source: Copyright: © 2013 National Geographic Society, i-cubed, National Park Service

Author: GK

Date: 4/13/2022

Legend

- Cultural Resource Building Point
- Area of Potential Effect
- Quarter Mile Buffer
- Traditional Urban Area



Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580

Photograph Key



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Source:

Legend

 Area of Potential Effect



Author: GK

Date: 4/13/2022

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)

Section 106 NHPA Effect Determination



Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:

PR-CRP-000580



Photo #: 1

Description (include direction):

Date: 03/04/22

Main Façade (Northwest)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 2

Description (include direction):

Date: 03/04/22

Main Façade (Northwest)



Photo #: 3

Description (include direction):

Date: 03/04/22

Main Façade Facing Out (Northwest)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 4

Description (include direction):

Date: 03/04/22

Left Side 1 (West)



Photo #: 5

Description (include direction):

Date: 03/04/22

Left Side 2 (Northeast)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 6

Description (include direction):

Date: 03/04/22

Left Side 3 (Southwest)



Photo #: 7

Description (include direction):

Date: 03/04/22

Left Looking Out (East)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 8

Description (include direction):

Date: 03/04/22

Right Side 1 (Southwest)



Photo #: 9

Description (include direction):

Date: 03/04/22

Right Side 2 (Northeast)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 10

Description (include direction):

Date: 03/04/22

Rear Looking Out (Northwest)



Photo #: 11

Description (include direction):

Date: 03/04/22

Right Looking Out (West)

Subrecipient: Municipio de Hormigueros

Project Name: Revitalización de la Antigua Escuela Girardo González

Project ID Number:
PR-CRP-000580



Photo #: 12

Description (include direction):

Date: 03/04/22

Rear Side (North)



Photo #: 13

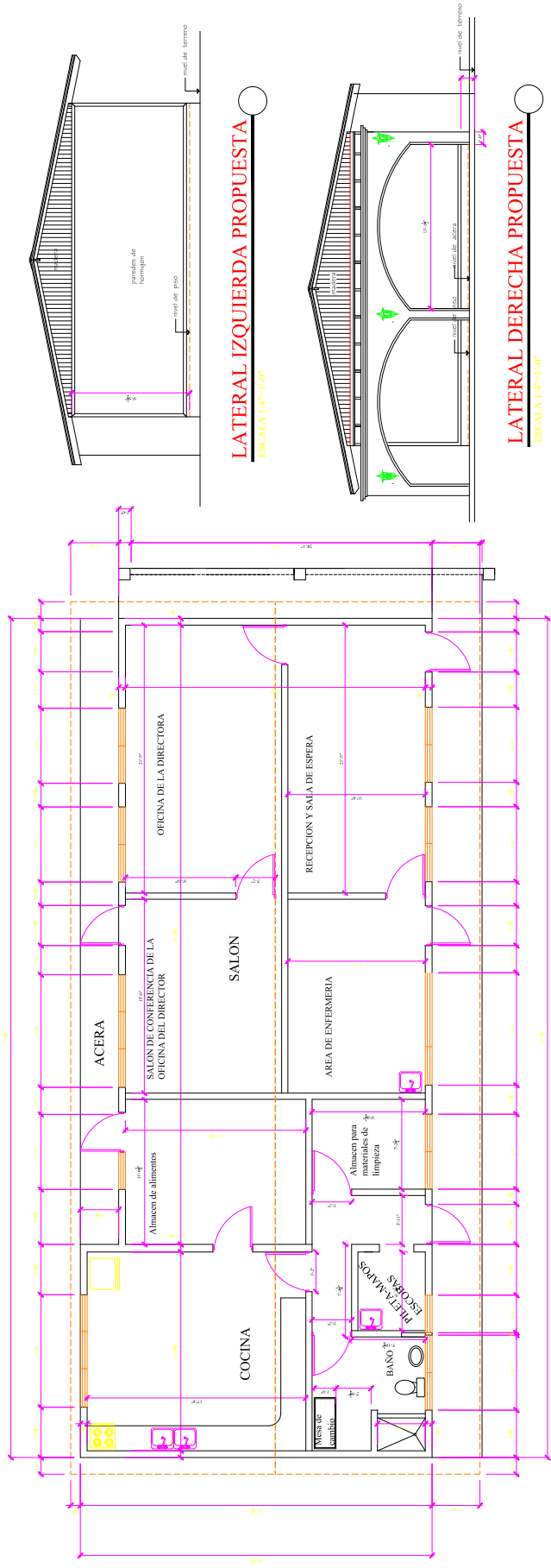
Description (include direction):

Date: 03/04/22

Rear Looking Out (Southwest)



20	REVISIONES
19	REVISIONES
18	REVISIONES
17	REVISIONES
16	REVISIONES
15	REVISIONES
14	REVISIONES
13	REVISIONES
12	REVISIONES
11	REVISIONES
10	REVISIONES
9	REVISIONES
8	REVISIONES
7	REVISIONES
6	REVISIONES
5	REVISIONES
4	REVISIONES
3	REVISIONES
2	REVISIONES
1	REVISIONES



PLANTA EDIFICIO 1
 ESCALA 1/8"=1'-0"

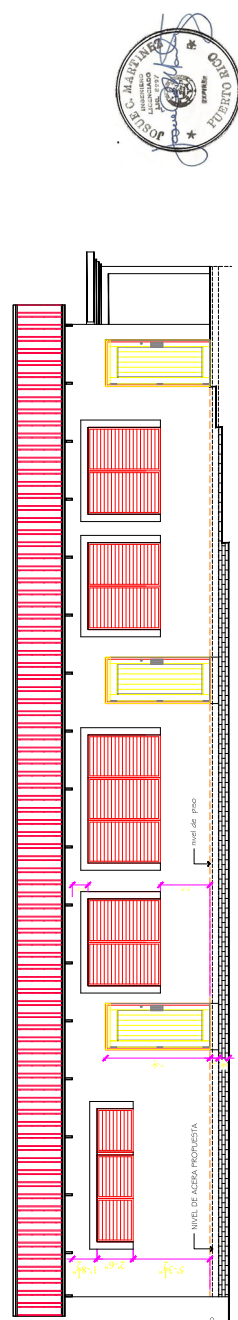
NOTAS:

- 1- LAS PARTES DE PLACAS, ANCHOS, ALTURAS Y SERIAS AVANZAN Y PRESION, SE UTILIZARAN SE LAZOR
- 2- EL PISO DE LA OFICINA DEL DIRECTOR Y OFICINA DE LA DIRECTORA, SERAN DE MADERA EN LA OFICINA DEL DIRECTOR Y DE MADERA EN LA OFICINA DE LA DIRECTORA
- 3- TODAS LAS PARTES DE ESTOS MATERIALES Y SE SELLARAN
- 4- LA REPARACION DE LOS PISOS SERAN EN LA OFICINA DEL DIRECTOR Y OFICINA DE LA DIRECTORA
- 5- LAS PARTES DE ESTOS MATERIALES SERAN EN LA OFICINA DEL DIRECTOR Y OFICINA DE LA DIRECTORA
- 6- LAS PARTES DE ESTOS MATERIALES SERAN EN LA OFICINA DEL DIRECTOR Y OFICINA DE LA DIRECTORA

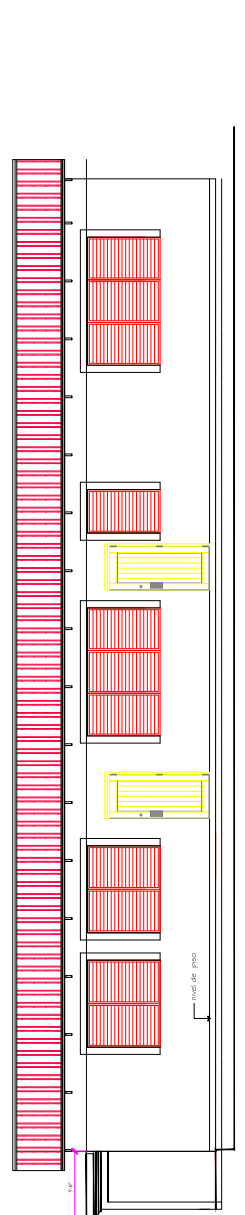
YO, JOSUE C. MARTINEZ, INGENIERO, CON LICENCIA 8897 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTENDI LOS PLANOS Y ESPECIFICACIONES COMPLEMENTARIAS Y QUE SON APLICABLES DE ACUERDO CON LAS LEYES, DECRETOS, ORDENANZAS, REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON PLANOS Y ESPECIFICACIONES. SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMIENDADA, SEGUN APUNTES DE LA LEY NUM. 100 DE 15 DE MAYO DE 1938, SEGUN ENMIENDADA, LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APUNTES RECONOCIDO QUE CUALQUIER DECLARACION DE CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGE.

LEGENDA:

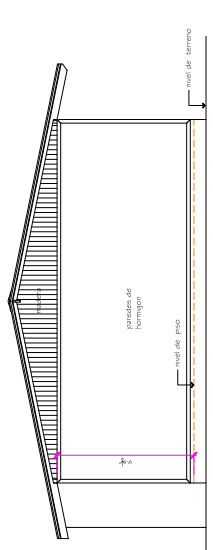
	CONCRETO
	MURADO DE LADRILLO
	MADERA
	METAL
	VIDRIO
	PUERTA
	VENTANA



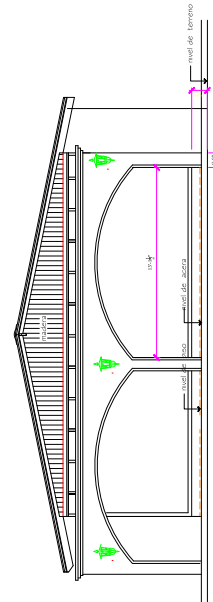
ELEVACION PRINCIPAL PROPUESTA
 ESCALA 1/8"=1'-0"



ELEVACION POSTERIOR PROPUESTA
 ESCALA 1/8"=1'-0"

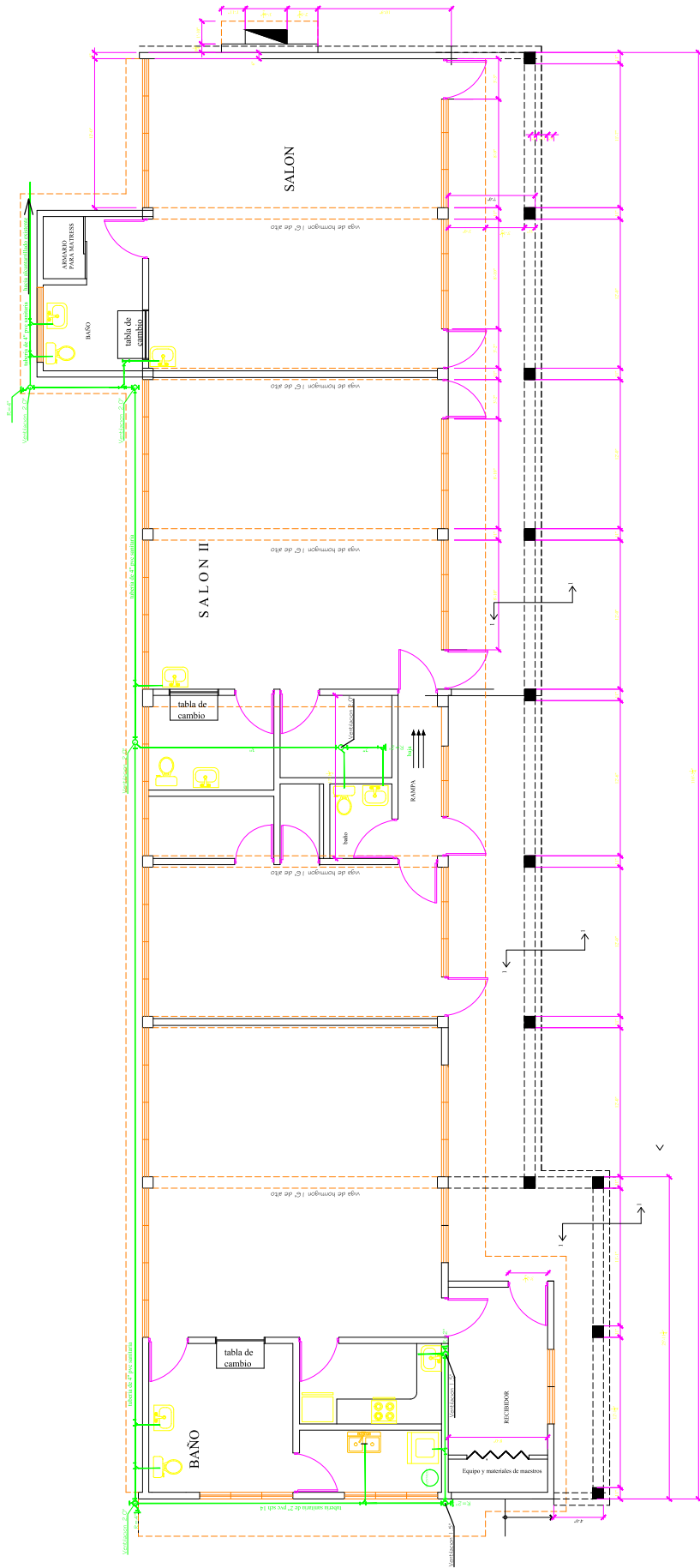


LATERAL IZQUIERDA PROPUESTA
 ESCALA 1/8"=1'-0"



LATERAL DERECHA PROPUESTA
 ESCALA 1/8"=1'-0"





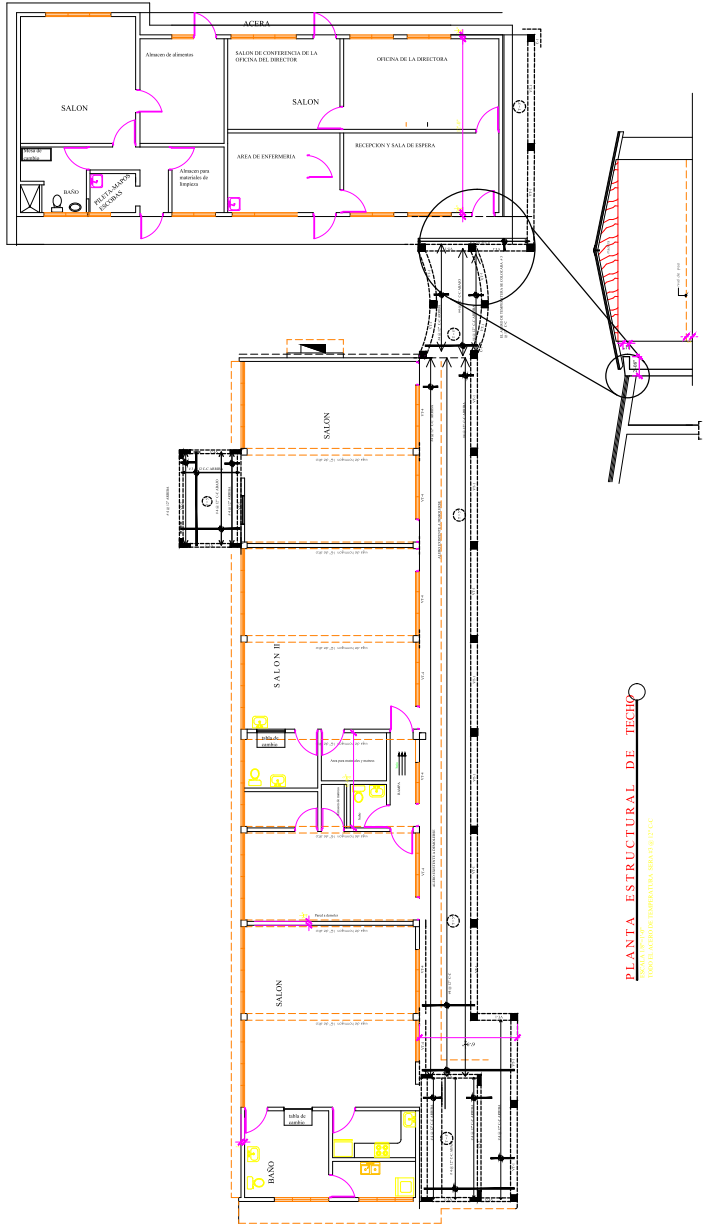
PLANTA PLOMERIA 2 PROPUESTA-EDIFICIO 2
 ESCALA 1/8"=1'-0"



YO, JOSUE C. MARTINEZ, INGENIERO, CON LICENCIA N.º 8897, CERTIFICADO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS; TAMBIEN, CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION EN ESTOS ASPECTOS. ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO GARANTEMENTE CON LOS DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN EMENDADA, CONOCIDA COMO LA LEY PARA LA INVERSION POR LA EMENDADA; SEGUN APLIQUE RECONOZCO QUE CUALQUIER DECLARACION AL O INDEBIDAMENTE ASESORADO POR MI O MI ASISTENTE O EMPLEADO, O POR OTRAS PERSONAS CON CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OPE.



YO, JOSÉ C. MARTÍNEZ, INGENIERO, CON LICENCIA 8997, CERTIFICO QUE LOS PLANOS, ESPECIFICACIONES Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN, CERTIFICO QUE ENTENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCION VIGENTES DE LOS MUNICIPIOS, AGENCIAS, JUNTAS REGULADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION CERTIFICACIONES QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN LO ENmendADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INICIATIVA PRIVADA EN LA CONSTRUCCION DE OBRAS DE INFRAESTRUCTURA", SEGUN ENmendADA; LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENmendADA; SEGUN APLIQUE RECONOZO QUE CHALUQUER DECLARACION FALSA, O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR CONDUCTA DE UN INGENIERO, O DE UN TECNICO, O DE UN AGENTE DE CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGP.



PLANTA ESTRUCTURAL DE TECHO

FORMA: 100% AUTOMATIZADA CON SOFTWAR

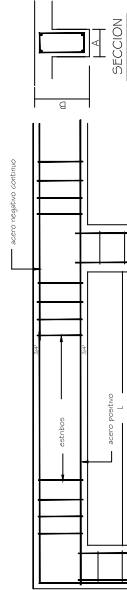
NOTAS GENERALES DE ESTRUCTURA

DATA DE DISEÑO: 10/01/2004; HORMIGON 3,000 PSF; ACERO 20, PSICAFACIDAD DEL TERRENO 3,000 PSF.

- 1- LLEVE TODAS LAS ZAPATAS A UNA PROFUNDIDAD MIN. DE DOS PIES BAJO EL NIVEL NATURAL DEL TERRENO SI NO APARECE EN OTRA FORMA DETALLADO (VEA DET. DE CIMENTOS)
- 2- EL DOBLAR Y COLOCAR EL ACERO DEBERA SE HECHO DE ACUERDO CON EL A.C.I. - DETAILING MANUAL
- 3- TODAS LAS LOSAS Y VIGAS A UN MISMO NIVEL SERAN FINJIDAS MONOLITICAMENTE. LA PROTECCION MIN. PARA ACERO DE REFORZAMIENTO SERA COMO SIGUE: 1- 1/2" EN VIGAS Y COLS.; 3" EN ZAPATAS; 3/4" EN LOSAS Y 1- 1/2" EN HORMIGON EXPUESTO A LA INTemperIE.
- 4- EL ACERO DE REFORZAMIENTO DEBERA SER DE GRADO INTERMEDIO C/DIJO EN VARILLAS DEFORMADAS
- 5- ACERO TEMP.: SERA # 3 @ 12"; (T) INDICA ARRIBA; (B) INDICA ABAJO
- 6- CARGAS ACCIDENTALES: LOSA DE TECHO 40 PSF; LOSA DE PISO 60 PSF

TABLA PARA VIGAS

VIGA	SECCION		REFUERZO		OBSERVACIONES
	A	B	POSITIVO	NEGATIVO	
V1-1	11' 10"	3' 4.5"	3 # 5	3 # 3 @ 3" RESTO A.C.	
V1-2	6'	3' 4.5"	3 # 5	3 # 2 @ 4" RESTO A.C.	
V1-3	3'	3' 4.5"	3 # 5	3 # 2 @ 4" RESTO A.C.	
V1-4	11' 10"	3' 4.5"	3 # 5	3 # 2 @ 4" RESTO A.C.	



VIGA TIPICA



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