



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: PR-SBF-04490-E-Supplemental-Assistance

HEROS Number: 900000010456532

Start Date: 03/03/2025

State / Local Identifier:

Project Location: 402A Calle San Agustin, San Juan, PR 00901

Additional Location Information:

The project is located at latitude 18.464086, longitude -66.095347 at the address given above. Tax ID Number: 040-005-141-09-001

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

This project entails the award of a small business recovery grant to HACIENDA CHARRA INC., a Mexican restaurant, at 402 A-1 CALLE SAN AGUSTIN PUERTA DE TIERRA, San Juan, PR 00901. The specific scope of work for this project includes payment of rent/mortgage, utilities, employee salaries, and the purchase of equipment including stools, tables, chairs, a six-burner stove, juicer, floor fryer, coffee machine, slicer machine, food processor, and Kraftwerk by Modasa 60kw generator. The generator will be installed on an existing concrete exterior foundation, and a new electrical line and transfer switch will be installed to accommodate the generator. The structure was built ca. 1922.

Level of Environment Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5:

58.34(a)(12)

58.35(a)(3)(iii)

Funding Information

Grant Number	HUD Program	Program Name	
B-17-DM-72-0001	Community Planning and Development (CPD)	Community Development Block Grants (Disaster Recovery Assistance)	\$0.00
B-18-DE-72-0001	Community Planning and Development (CPD)	Community Development Block Grants (Disaster Recovery Assistance)	\$0.00
B-18-DP-72-0001	Community Planning and Development (CPD)	Community Development Block Grants (Disaster Recovery Assistance)	\$0.00

B-19-DP-78-0002	Community Planning and Development (CPD)	Community Development Block Grants (Disaster Recovery Assistance)	\$0.00
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Estimated Total HUD Funded Amount: \$100,000.00

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$100,000.00

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

Summarized below are 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 or Condition	Comments on Completed Measures	Complete
Historic Preservation	To avoid the introduction of visual, atmospheric or audible elements to the Puerta de Tierra Historic District (CFR s. 800.5(a)(2)(v)): 1. Soundproof enclosure for the generator, to mitigate visual impact and noise disturbance and/or the selection of a low noise emissions unit.	N/A	

Determination:

<input type="checkbox"/>	This categorically excluded activity/project converts to EXEMPT per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license; Funds may be committed and drawn down after certification of this part for this (now) EXEMPT project; OR
<input checked="" type="checkbox"/>	This categorically excluded activity/project cannot convert to Exempt status because one or more statutes or authorities listed at Section 58.5 requires formal consultation or mitigation. Complete consultation/mitigation protocol requirements, publish NOI/RROF and obtain "Authority to Use Grant Funds" (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
<input type="checkbox"/>	This project is not categorically excluded OR, if originally categorically excluded, is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature:  Date: March.13.2025

Name / Title/ Organization: Ianmario Heredia / Department of Housing - Puerto Rico

Responsible Entity Agency Official Signature:  Date: 4/2/2025

Name/ Title: Pedro A. de León Rodríguez, MSEM/Permits and Environmental Compliance Specialist

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



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Caribbean Ecological Services

Field Office

P.O. Box 491

Boqueron, PR 00622

JAN 14 2013

In Reply Refer To:
FWS/R4/CESFO/BKT/HUD

Mr. Efrain Maldonado
Field Office Director
U.S. Department of Housing and Urban Development
235 Federico Costa Street, Suite 200
San Juan, Puerto Rico 00918

Re: Blanket Clearance Letter for Federally
sponsored projects, Housing and Urban
Development

Dear Mr. Maldonado:

The U.S. Fish and Wildlife Service (USFWS) is one of two lead Federal Agencies responsible for the protection and conservation of Federal Trust Resources, including threatened or endangered species listed under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) (ESA). In the U.S. Caribbean, the USFWS has jurisdiction over terrestrial plants and animals, the Antillean manatee and sea turtles when nesting. The National Marine Fisheries Service has jurisdiction over marine species, except for the manatee. The ESA directs all Federal agencies to participate in conserving these species. Specially, section 7 of the ESA requires Federal agencies to consult with the USFWS to ensure that actions they fund authorize, permit, or otherwise carry out will not jeopardize the continued existence of any listed species or adversely modify designated critical habitat. The USFWS issued regulations in 1986 detailing the consultation process. As part of this consultation process, the USFWS review development projects to assist Federal agencies on the compliance of the ESA.

The U.S. Department of Housing and Urban Development (HUD) typically allocate grant funds for rural and urban development projects. Obligations under the ESA, as well as the National Environmental Policy Act (NEPA), require HUD to perform consultation and an environmental impact review prior to the project's authorization. Primarily, these projects involve repair or reconstruction of existing facilities associated with developed land.

In order to expedite the consultation process, the Caribbean Ecological Services Field Office has developed this Blanket Clearance Letter (BCL) to cover for activities and projects that typically result in no adverse effects to federally-listed species under our jurisdiction. If projects comply with the project criteria discussed below, no further consultation with the USFWS is needed.

Project Criteria

1. Street resurfacing.
2. Construction of gutters and sidewalks along existing roads.
3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
4. Rehabilitation of existing occupied single family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
5. Demolition of dilapidated single family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
6. Rebuilding of demolished single family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low income families and/or facilities that have been affected by weather conditions.

Determination:

Based on the nature of the projects described above and habitat characteristics described on project criteria, we have determined that the actions and type of projects described above may be conducted within this BCL without adversely affecting federally-listed

species under our jurisdiction. Thus, consultation under Section 7 of the Endangered Species Act is not required.

In all situations, HUD, and the municipalities are expected to implement Best Management Practices, where applicable, to ensure that impacts from erosion and stream sedimentation are appropriately minimized.

The Service encourages your agency to enhance the conservation of our trust resources (i.e.; listed species, wetlands, aquatic habitats, migratory birds and marine mammals). We therefore, provide the following recommendations that have proven to help in this way.

Water Crossing Structures:

1. Use of bottomless culverts or single span bridges instead of traditional box or RCP culverts or any other water crossing structure that impacts the stream bottom, particularly in streams which support native fish. The use of bottomless culverts or a short span bridge would provide a more stable crossing and would not alter the stream habitat. However, if bottomless structures or bridges are not feasible due to cost or engineering constraints, we recommend the following criteria be used to maintain good habitat in the streams:
 - a. The stream should not be widened to fit the bridge since this can lead to sedimentation during low flows and possible bank erosion during high flows. Rather, the bridge should be designed to fit the stream channel at the point of crossing. Culverts should be sized to carry natural bank full flow. Additional flow can be captured by culverts placed at a higher elevation so as not to impact bank full flows.
 - b. Bridge abutments, wing walls or any other structures should not intrude into the active stream channel.
 - c. All culvert footings must be countersunk into the stream channel at both the invert and outlet ends at a minimum of 10% of the culvert height. This will align the water crossing structure with the slope of the stream.
 - d. Waterways must not be blocked as to impede the free movement of water and fish. Materials moved during construction, such as grubbing, earth fills, and earth cut materials must not be piled where they can fall back into the stream and block the drainage courses.
 - e. Appropriate erosion and/or sedimentation control measures are to be undertaken to protect water quality until riverbanks are re-vegetated. It has been our experience that appropriate erosion and/or sedimentation control measures are not implemented properly by project contractors. In order to function properly, silt fences need to be buried 6" (proper depth is marked by a line on the silt fence) and supported at regular intervals by wood stakes. For that reason we are recommending that

the enclosed drawing of proper silt fence installation is included in all final project construction plans.

- f. Upon completion of a water crossing construction, any temporary fill, must be removed from the construction area and disposed in a landfill.

Limitations:

Actions that do not meet the above project criteria, such as actions requiring placement of fill, disturbance, or modification to land outside of an existing access road or ROW; actions that occur on vacant property harboring a wetland and/or forest vegetation; actions requiring excavation, clearing of native vegetation, or alteration of storm water drainage patterns; or actions that require lighting which can be directly or indirectly seen from a beach, must be individually coordinated through the Caribbean Ecological Services Field Office and will be evaluated on a case by case basis.

The Service reserves the right to revoke or modify this BCL if:

1. New information reveals that the categories of work covered in this BCL may affect listed or designated critical habitat in a manner, or to an extent, not previously considered.
2. The categories of work included in this BCL are subsequently modified to include activities not considered in this review.
3. New species are listed or critical habitat designated that may be affected.

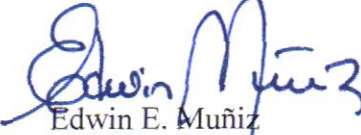
It is our mission to work with others, to conserve, protect and enhance fish wildlife and plants and their habitats for the continuing benefit of our people.

To obtain additional information on threatened and endangered species, you may visit our website <http://www.fws.gov/caribbean/ES> where you will also find the Map of the Species by Municipality and the Map of Critical Habitat. The USFWS has also developed a web based tool called IPac. Please visit <http://www.ecos.fws.gov/ipac> and familiarize yourself with the features we offer. We encourage you to begin your project planning process by requesting an **Official Species List** for your individual project that will include all species that may occur in the vicinity of the action area and includes a map of the action area. The site will also identify designated critical habitat, or other natural resources of concern that may be affected by your proposed project. At this time, best management practices or conservation measures are not available at the site but we expect the site to continue growing in its offering.

These maps provide information on the species/habitat relations within a municipality and could provide the applicants an insight if the proposed action is covered under this BCL or may affect a species, thus requiring individual review.

If you have any additional question regarding this BCL, please do not hesitate to contact Marelisa Rivera, Deputy Field Supervisor, at 787-851-7297 extension 206.

Sincerely yours,



Edwin E. Muñiz
Field Supervisor

Enclosures (Fact Sheets)

cc: OCAM, San Juan
Office of Federal Funds, 78 Municipalities of Puerto Rico
AAA
PRFAA
DNER

GOVERNMENT OF PUERTO RICO
PUERTO RICO PLANNING BOARD

July 24, 2024

RESOLUTION JP-2024-004

Federal Consistency Certification with the
Puerto Rico Coastal Zone Management Program
Community Development Block Grant – Disaster Recovery (CDBG-DR) and
Community Development Block Grant – Mitigation (CDBG-MIT)

The United States (U.S.) Government, through Major Disaster Declarations (DR-4336 and DR-4339), declared Puerto Rico a disaster area after the devastation caused by Hurricanes Irma and María. Considering this event, the U.S. Congress approved Community Development Block Grant – Disaster Recovery (CDBG-DR) funds for Puerto Rico's unmet disaster recovery needs, and Mitigation (CDBG-MIT) funds for the Commonwealth's long-term planning and risk mitigation activities. Moreover, the Congress approved additional CDBG-DR funds for the Commonwealth in response to Major Disaster Declarations: DR-4336, DR-4339, DR-4473, and DR-4671.

The damage caused by high-speed winds, storm surges, earthquakes, flooding, and landslides attributed to major disasters, had devastating effects on Puerto Rico's coastal areas that need to be addressed in an expeditious manner. While many of the direct emergency needs have been met, disaster recovery and mitigation need of the Commonwealth are on-going and will continue into the near future.

The Law Number 75 of June 24, 1975, as amended (Organic law of the Puerto Rico Planning Board) grants the Puerto Rico Planning Board (PRPB) the responsibility and powers to guide the comprehensive development of Puerto Rico, guaranteeing the general well-being of its current and future inhabitants.

The Coastal Zone Management Act of 1972 (16 U.S.C. 1451 et seq) establishes that federal agency activities including the award of Federal Assistance must be consistent to the maximum extent practicable with the enforceable policies of approved state management programs. The Puerto Rico Planning Board (PRPB) is the designated state agency to review and determine Federal Consistency with the PR Coastal Zone Management Program according to established procedures at 15 CFR Part 930. This sui-generis process at the Puerto Rico Planning Board is under exclusive federal jurisdiction.

The Commonwealth of Puerto Rico is formally the Grantee for the CDBG-DR and CDBG-MIT funds. The Governor of Puerto Rico designated the Puerto Rico Department of Housing (PRDOH) as the grantee for the purposes of administering the program and executing grant agreements with the U.S. Department of Housing and Urban Development (HUD), the federal oversight agency for the CDBG-DR and CDBG-MIT funding.

Taking into consideration the high volume of requests for federal assistance that has been generated as part of the recovery process following the disaster declarations and the current need to expedite this process, the PRPB proceeded to carry out a review of Federal Consistency with the PMZCPR for the following federal assistance programs:

- CDBG-DR eligible activities provided in Section 105(a) of the Housing and Community Development Act of 1974 (HCDA), and outlined in the applicable Federal Register Notices, the CDBG-DR Action Plan and CDBG-DR Program Guidelines.
- CDBG-MIT eligible activities provided in Section 105(a) of the Housing and Community Development Act of 1974 (HCDA), and outlined in the applicable Federal Notices, the CDBG-MIT Action Plan and CDBG-MIT Program Guidelines.

After considering the information provided by PRDOH in relation to the eligible projects and activities to be awarded by the above-mentioned programs, the PR Planning Board (PRPB) in their meeting held on July 24, 2024, agreed the following:

- A. The following activities or projects to be financed under the CDBG-DR and CDBG-MIT programs have no significant impact on Puerto Coastal Resources and do not require Federal Consistency review:
 1. Activities to be financed under the following programs:
 - a. **Community Energy and Water Resilience Installations Program (CEWRI)**: The Program provide single-family homeowners energy and water efficiency improvements to promote resilience by installing PV systems with battery backup for critical loads and water storage systems.
 - b. **The Workforce Training Program (WFT)**: supports entities throughout the Island to offer training in job skills related to the reconstruction and economic growth of Puerto Rico. Also, those skills necessary to situate the Island in the economy of the future.
 - c. **Small Business Financing Program (SBF)**: will provide a Recovery Grants phase (grants awards of up to \$150,000) for working capital and movable equipment for small businesses and microenterprises that suffered physical and/or financial losses due to the Hurricanes. Start-ups created after the Hurricanes are also eligible if they can show their creation was the result of a closure of a previous business of same owner(s), after damages caused by the Hurricanes.
 - d. **Re-grow PR Urban-Rural Agriculture Program**: Develop, Increase and improve agricultural capacity and addresses the needs created by Hurricanes Irma and María with a substantial investment of CDBG-DR funds for a wide variety of viable and sustainable agricultural activities.
 2. Projects or activities that are exempt from construction permits according to Act 161-2009, as amended, known as the "Puerto Rico Permit Process Reform Act" and the "Joint Regulation for Evaluation and Expedition of Permits Related to Development, Land Use and Business Operation" (Regulation Number 9473).
- B. Federal assistance awarded under the CDBG-DR and CDBG-MIT programs for demolition of structures with the purpose of restoring green areas, water retention areas and habitat recovery is consistent with the PRCZMP.
- C. Federal assistance awarded under the CDBG-DR and CDBG-MIT programs for projects that involve demolition for reconstruction, reconstruction or construction of a new structure is consistent with the PRCZMP if the project fulfills the following requirements:
 1. The project must comply with land use regulations established under the PR Land Use Plan, Territorial Plans and special plans that apply according to the location of the project.
 2. The structure to be constructed or reconstructed must comply with applicable regulations and parameters established in the "Joint Regulation for Evaluation and Expedition of Permits Related to Development, Land Use and Business Operation" (Regulation Number 9473).

3. Each project must provide evidence of compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by OGPe.
 4. The structure to be built or rehabilitated must be located outside flood risk zones according to the "Recommended Base Flood Level Maps" (FEMA Advisory Maps) effective on April 13, 2018, or the most recent FEMA map that applies according to the location of the project.
 5. Structures located within a flood hazard zone must evidence compliance with the Special Flood Hazard Zone Regulations (Planning Regulation Number 13) by providing copy of the FEMA Elevation Certificate (form ff-206-fy22-152) completed and signed by an engineer or surveyor.
 6. In the case of projects that are located within Historic Zones designated by the PR Planning Board, or if the structure was designated as a Historic Site, the project must have the endorsement of the Puerto Rican Culture Institute.
- D. Federal assistance awarded under the CDBG-DR and CDBG-MIT programs for infrastructure projects (sidewalks, roads, highways, service lines, public squares) are consistent with the PRCZMP with the condition that the applicant fulfill the following requirements before the construction phase of the project:
1. Evidence compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by the PR Permit Management Office (OGPe).
 2. Evidence compliance with the Special Flood Hazard Zone Regulations (Planning Regulation Number 13) when it is required depending on the nature and location of the project.
 3. In the case of projects that are located within Historic Zones designated by the PR Planning Board, the project must have the endorsement of the Puerto Rican Culture Institute.

The Office of Geology and Hydrogeology of the Puerto Rico Planning Board will provide a conditioned certification letter which will allow the applicant to have access to the funds to complete the design and permitting phase. The applicant must fulfill the above-mentioned requirements 90 days before beginning the construction phase.

- E. Furthermore, The PR Planning Board on February 1, 2023, issued Resolution JP-339 that covers Federal Emergency Management Agency's (FEMA) Public Assistance Program (PA) and Hazard Mitigation Grant Program (HMGP). Therefore, federal assistance awarded through the "Infrastructure Coordination Program" to match the non-federal items that are required for projects under PA and HMGP programs **are covered by Resolution JP-339 and will not require to be submitted to the PRPB for federal consistency review.**
- F. Hence, Projects for the reconstruction, repair, or rehabilitation of structures for water-dependent uses (piers, boat ramps etc.) **are not covered under this Resolution and must be filed at the US Army Corps of Engineers through RSS.**

This General Federal Consistency Certification will be in effect for five (5) years from the notification date of this resolution. The Certification at reference will be renewed or amended if necessary to extend its validity or address other matters.

The following parties shall be notified: William Rodríguez, Secretary, PR Department of Housing (PRDH); Angel G. López Guzman, Permits and Environmental Compliance Division, PRDH; Juna C. Perez Bofill, PRHD; Aldo A. Rivera, PRHD; Alberto Mercado, José A. Cedeño Maldonado, US Department of Housing and Urban Development (HUD), Donna M. Mahon, HUD and Magaly Massanet Rodríguez, Director, Puerto Rico Coastal Zone Management Program, DNER.

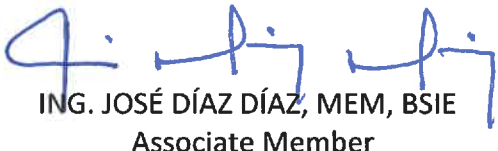
ADOPTED in San Juan, Puerto Rico, July 24, 2024



PLAN. JULIO LASSÚS RUIZ, LLM, MP, PPL
President



PLAN. REBECCA RIVERA TORRES, MRP, PPL
Vice-President



ING. JOSÉ DÍAZ DÍAZ, MEM, BSIE
Associate Member



LEMUEL RIVERA RIVERA, BSEE, CAPM
Associate Member

Certify: That this Resolution is copy of the agreement adopted by Puerto Rico Planning Board in its meeting of **July 24, 2024**. I expedite and notify this copy to the parties under my sign and official stamp of the Puerto Rico Planning Board stamp, for general use and knowledge.

In San Juan, Puerto Rico, today, **AUG 16 2024**



Edgardo Vázquez Rivera
Secretary





DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO



Self-Certification

<http://www.fws.gov/caribbean/ES/Index.html>

Endangered Species Act Certification

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project, **Hacienda Charra Inc. (PR-SBF-4490-E)**, under the CDBG-DR Small Business Financing Program, consisting of the installation of a new generator and transfer switch on an existing concrete foundation, located at 402 A-1 San Agustín Street, Puerta de Tierra, San Juan, PR 00901, complies with:

Check	Project Criteria
<input type="checkbox"/>	1. Street resurfacing.
<input type="checkbox"/>	2. Construction of gutters and sidewalks along existing roads.
<input type="checkbox"/>	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
<input checked="" type="checkbox"/>	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
<input type="checkbox"/>	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
<input type="checkbox"/>	6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous

	structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
<input type="checkbox"/>	7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
<input type="checkbox"/>	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
<input type="checkbox"/>	9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
<input type="checkbox"/>	10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
<input type="checkbox"/>	11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.



Angel G. López-Guzmán

Deputy Director

Permits and Environmental Compliance Division
Disaster Recovery Office

Address: P.O. Box 21365 San Juan, PR 00928

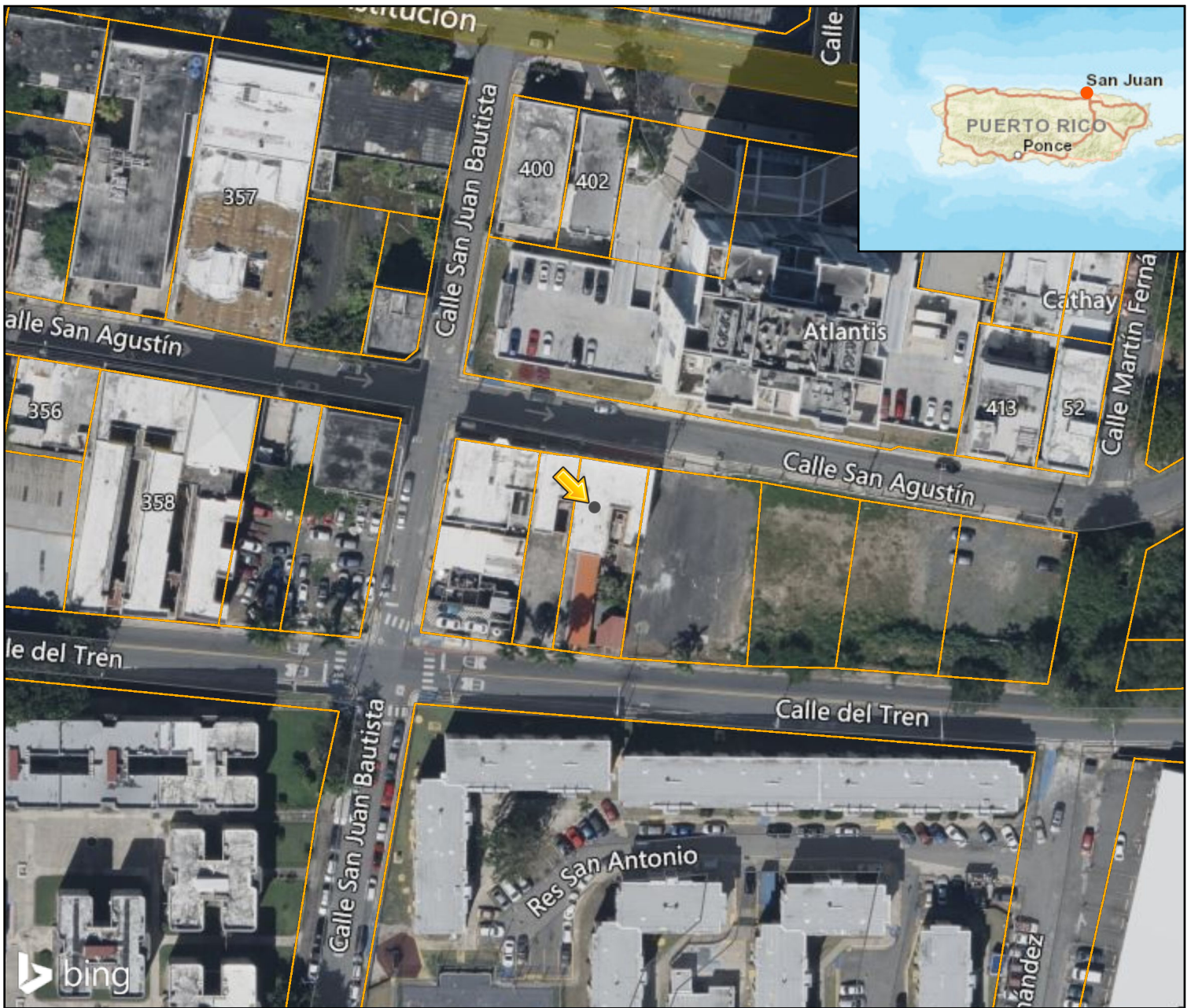
Telephone and Ext: 787-274-2527 ext. 4320

Email: environmentcdbg@vivienda.pr.gov

March 17, 2025

Date

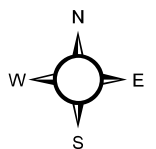
PR-SBF-04490-E Site Map



Legend

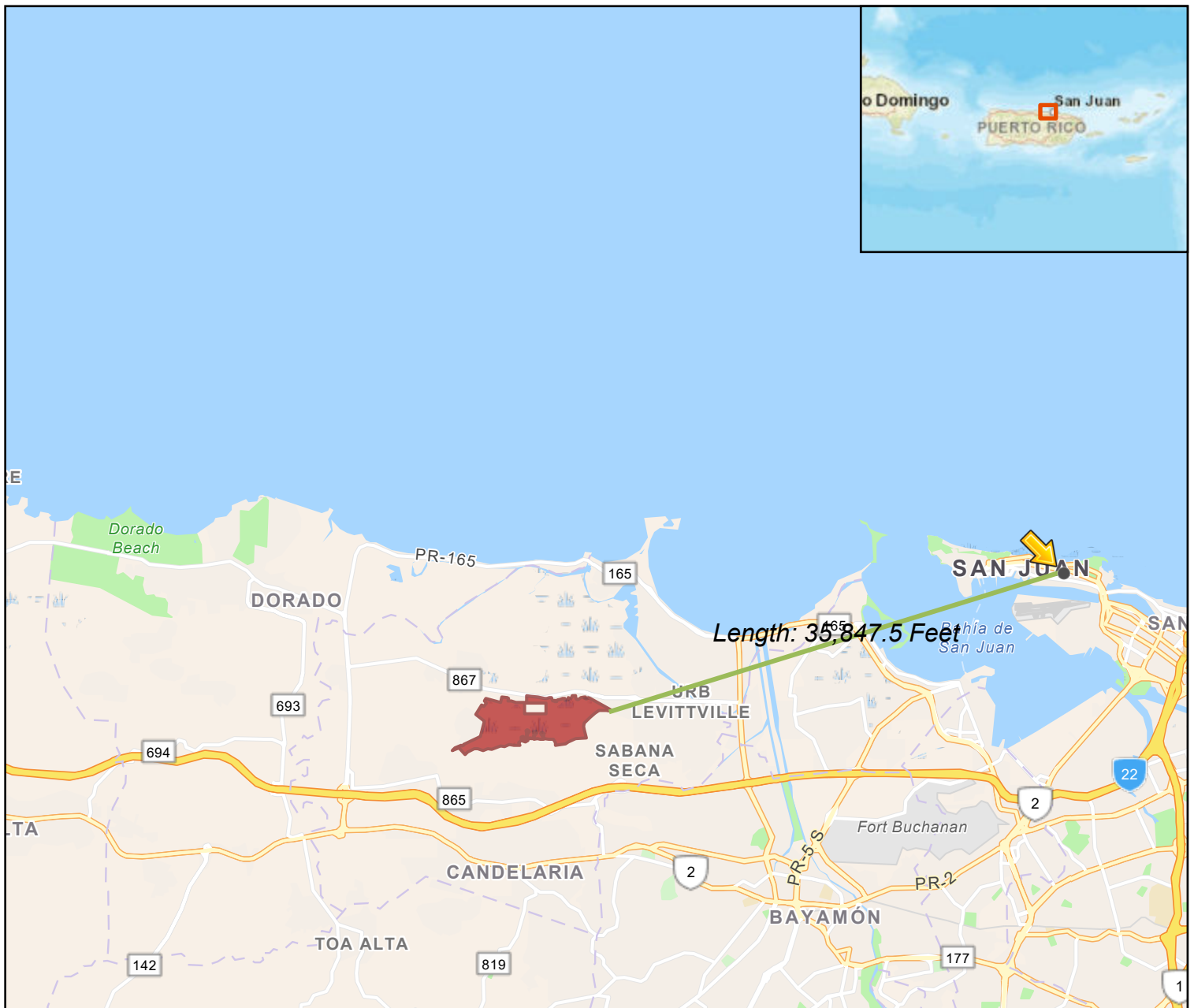
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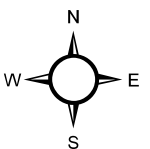
PR-SBF-04490-E-Re-evaluation Endangered Species



Legend

 USFWS Critical Habitat - Polygon Features - Final (agency service)

0 1.25 2.5 5 mi



Endangered Species Habitat

U.S. Fish and Wildlife Service



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Thursday, January 16, 2025

Lauren B Poche

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

SHPO-CF-12-19-24-09 "PR-SBF-04490-E (San Juan), Hacienda Charra Inc.,
Proposed Improvements"

Dear Ms. Poche:

Our Office has received and reviewed the information submitted for 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.

After a review of all the documentation, the SHPO concurs with your finding that the proposed project, will have no adverse effect upon historic properties. However, to avoid the introduction of visual, atmospheric or audible elements to the Puerta de Tierra Historic District (CFR § 800.5(a)(2)(v)), we advise you to take into consideration the following efforts to mitigate generator noise:

1. Soundproof enclosure for the generator, to mitigate visual impact and noise disturbance and/or the selection of a low noise emissions unit.

Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have questions regarding this matter, please contact our Office at (787) 721-3737 or email, ediaz@prshpo.pr.gov.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer
CARC/GMO/MDC



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



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director

Puerto Rico State Historic Preservation Office

Cuartel de Ballajá, Third Floor

San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

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

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

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

Cordially,

Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery

December 19, 2024

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

Puerto Rico Disaster Recovery, CDBG-DR Program: Small Business Financing (SBF) Program

Section 106 NHPA Effect Determination Submittal – PR-SBF-04490-E, Hacienda Charra Inc., 402 Calle San Agustin, Puerta De Tierra, San Juan, Puerto Rico - *No Adverse Effect*

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 PRDOH contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support their objectives for CDBG-DR.

On behalf of PRDOH, we are submitting PR-SBF-04490-E in the municipality of San Juan for Section 106 consultation. This building is located at 402 Calle San Agustin, within the National Register of Historic Places listed Puerta de Tierra Historic District. and contributes to the district. The current proposed activities include the installation of a new 60kw generator (7.4'x3.6') on an existing exterior concrete sidewalk to the rear of the subject building. The proposed activities also include a new electrical line and transfer switch to accommodate the generator. No ground-disturbing activities are proposed.

The building contributes to the Puerta de Tierra Historic District and the rear of the property faces the Residencial San Antonio district. However, the proposed installation of the generator will not negatively impact the historic district. Therefore, the Program has made a determination of **No Adverse Effect** for the proposed Undertaking.

We look forward to your response. Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.


Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, EHP Senior Manager
LPB/KPS

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM SMALL BUSINESS FINANCING PROGRAM (SBF) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Program ID Number: PR-SBF-04490-E	
Applicant: Hacienda Charra, Inc.	

Project Location: 402 Calle San Agustin, Puerta De Tierra, San Juan 00901	
Project Coordinates: 18.464086, -66.095347	
TPID (Número de Catastro): 040-005-141-09-001	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair/Improvements <input type="checkbox"/> New Construction	
Construction Date (AH est.): ca. 1922	Property Size (acres): .106

SOI-Qualified Architect/Architectural Historian: Kristin Sanders
Date Reviewed: 12/13/2024
SOI-Qualified Archaeologist: NA
Date Reviewed: Click or tap to enter a date.

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


Project Description (Undertaking)

The project undertaking includes the installation of a new 60kw generator (7.4'x3.6') on an existing exterior concrete sidewalk to the rear of the subject building. The proposed activities also include a new electrical line and transfer switch to accommodate the generator.

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the Direct APE for this project is the subject building located at 402 Calle San Agustin in Puerta de Tierra, San Juan. The Indirect/Visual APE is defined as the viewshed of the proposed project, including the Residencial San Antonio.

Identification of Historic Properties - Archaeology

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM SMALL BUSINESS FINANCING PROGRAM (SBF) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Program ID Number: PR-SBF-04490-E	
Applicant: Hacienda Charra, Inc.	

No ground disturbing activities are anticipated.


Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is within the boundaries of the National Register of Historic Places (NRHP) listed Puerta de Tierra Historic District. Additionally, there are four National Register listed properties within ¼ miles of the project area, and within the Puerta de Tierra Historic District:

- Escuela Brumbaugh – a mission style school constructed in 1912 and located .08 miles north.
- Archivo y Biblioteca General (Carcel de Puerta de Tierra) – a hospital built in the Classical Revival style in 1887 and located .2 miles east.
- El Falansterio – Moderne style tenement district built on 1937 and located .08 miles southwest
- Parque Luis Muñoz Rivera located approximately .14 miles northeast.

According to the Puerta de Tierra Historic District National Register nomination, the subject building is a contributing element to the district. Located on Block 141, Parcelas 8 and 9, this building is noted as being a tenement house building built in 1922 in the Classical Revival style. The two-story masonry building features seven bays, with a parapet over the building's main entrance, which consists of centrally located double doors. An awning spans the main entrance and left half of the first floor, while balconies are found on the upper floor.

The property is located at the east end of Calle San Agustin, which is comprised of similar tenement house buildings and housing projects. Directly across Calle San Augustin from the subject property is a non-contributing, high-rise condominium development. The rear of the property faces Calle del Tren and the Residencial San Antonio. Residencial San Antonio is an eligible district consisting of five buildings that create a super block.


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM SMALL BUSINESS FINANCING PROGRAM (SBF) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Program ID Number: PR-SBF-04490-E	
Applicant: Hacienda Charra, Inc.	

Determination

The following historic properties have been identified within the APE:

- Direct Effect:
 - The subject building 402 Calle San Agustin, Puerta De Tierra, San Juan 00901
- Indirect Effect:
 - The Residencial San Antonio

Based on our historic property identification efforts, the Program has determined that the project area is within the boundaries of the National Register of Historic Places (NRHP) listed Puerta de Tierra Historic District. The subject building contributes to the district; however, it is not individually eligible for the National Register. The placement of the generator at the rear of the property will not adversely affect the character defining features that make the subject property a contributing building to the district. The generator will be visible from the Residencial San Antonio. However, given the "super block" scale of the Residencial San Antonio, the placement of a 7.4'x3.6' generator at the rear of a building across the road will have minimal visual impact. Therefore, the Program has determined that there will be no adverse effect to historic properties for proposed undertaking.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM SMALL BUSINESS FINANCING PROGRAM (SBF) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Program ID Number: PR-SBF-04490-E	
Applicant: Hacienda Charra, Inc.	

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

☐ 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:



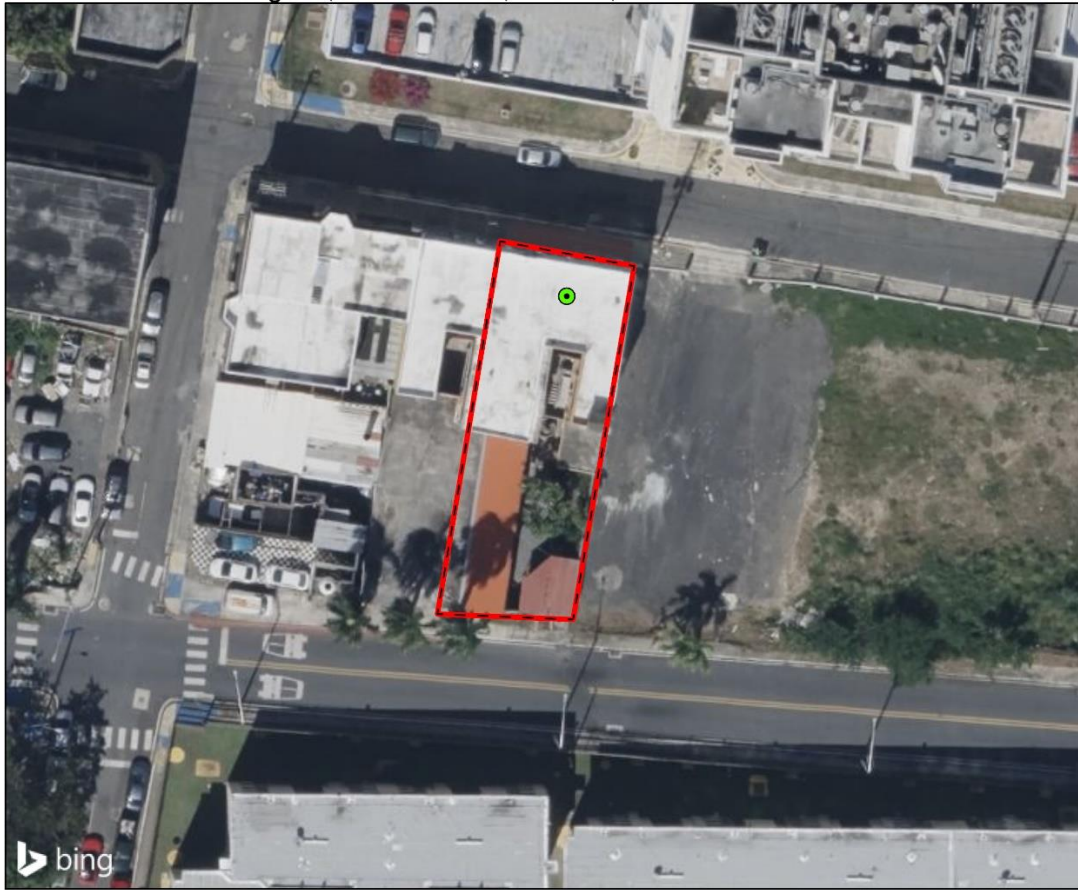
Project (Parcel) Location - Area of Potential Effect (APE)

Puerto Rico Department of Housing
Small Business Financing Program

Application ID#: PR-SBF-04490-E-Re-evaluation

Address: 402 Calle San Agustín, Puerta De Tierra, San Juan, Puerto Rico

Latitude: 18.464128
Longitude: -66.095302



Source: Bing and Portal Catastro
Digital y Productos Cartográficos



0 20 40 80 Feet
0 5 10 20 Meters

0 0 0.01 0.01 Miles
0 0 0.01 0.02 Kilometers



PR-SBF-04490-E-Re-evaluation
CRIM Parcel Boundary and Area of Potential Effect



Name: WGS 1984 Web Mercator Auxiliary Sphere

Scale: 1:500

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Project (Parcel) Location - Aerial Base

Latitude: 18.464128
Longitude: -66.095302



**Puerto Rico Department of Housing
Small Business Financing Program**

Application ID#: PR-SBF-04490-E-Re-evaluation



Address: 402 Calle San Agustín, Puerta De Tierra, San Juan, Puerto Rico



Source: Bing, Portal Catastro Digital y Productos Cartográficos, and USGS National Hydrography Dataset



0 160 320 640 Feet
0 40 80 160 Meters

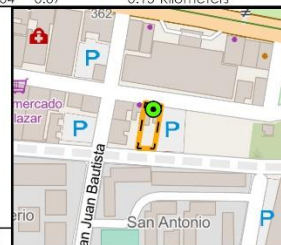
0 0.03 0.06 0.11 Miles
0 0.04 0.07 0.15 Kilometers



- PR-SBF-04490-E-Re-evaluation
- CRIM Parcel Boundary and Area of Potential Effect
- National Hydrography Dataset
- Flowline

Name: WGS 1984 Web Mercator Auxiliary Sphere

Scale: 1:4,000





Historic Properties - Aerial Base

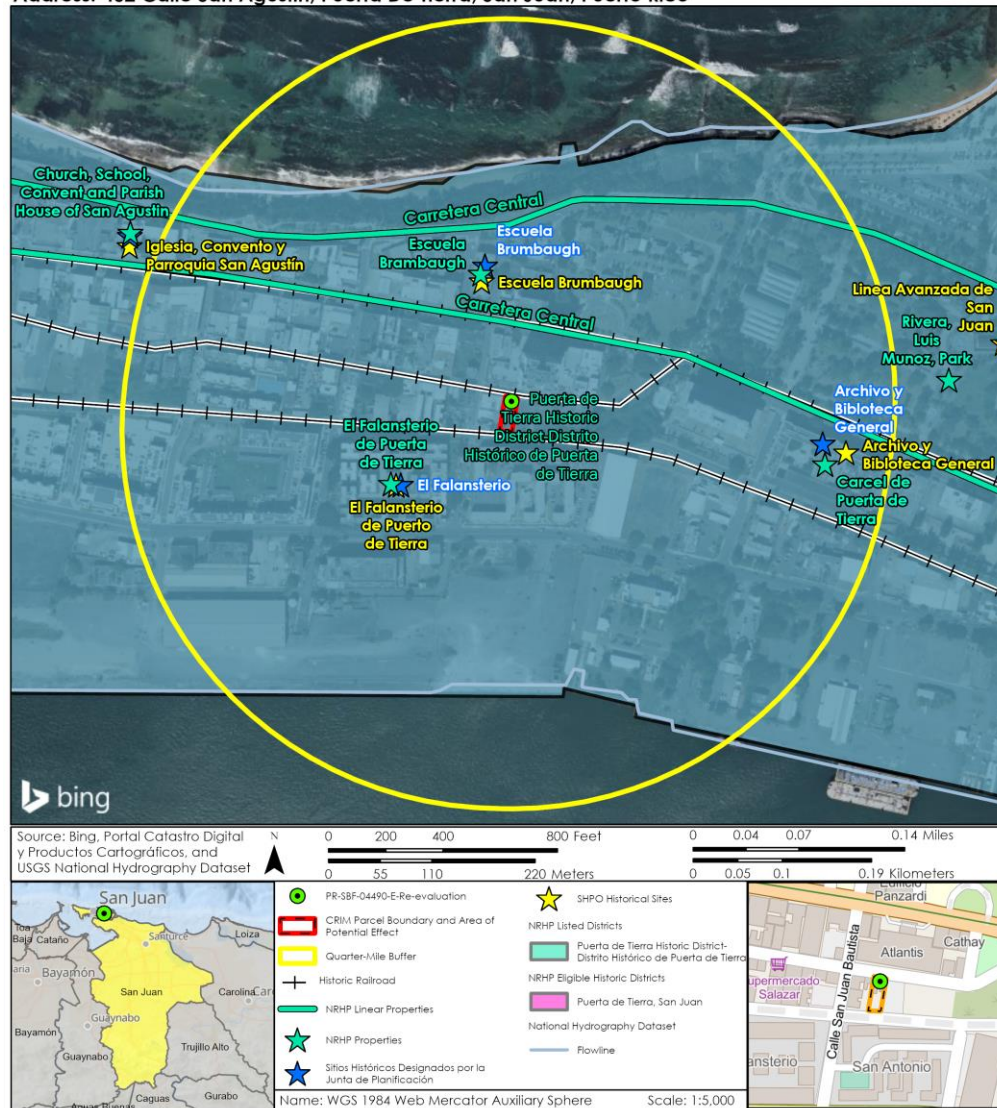
Latitude: 18.464128
Longitude: -66.095302



Puerto Rico Department of Housing
Small Business Financing Program

Application ID#: PR-SBF-04490-E-Re-evaluation

Address: 402 Calle San Agustín, Puerta De Tierra, San Juan, Puerto Rico





Historic Properties - Topographic Base

Latitude: 18.464128
Longitude: -66.095302

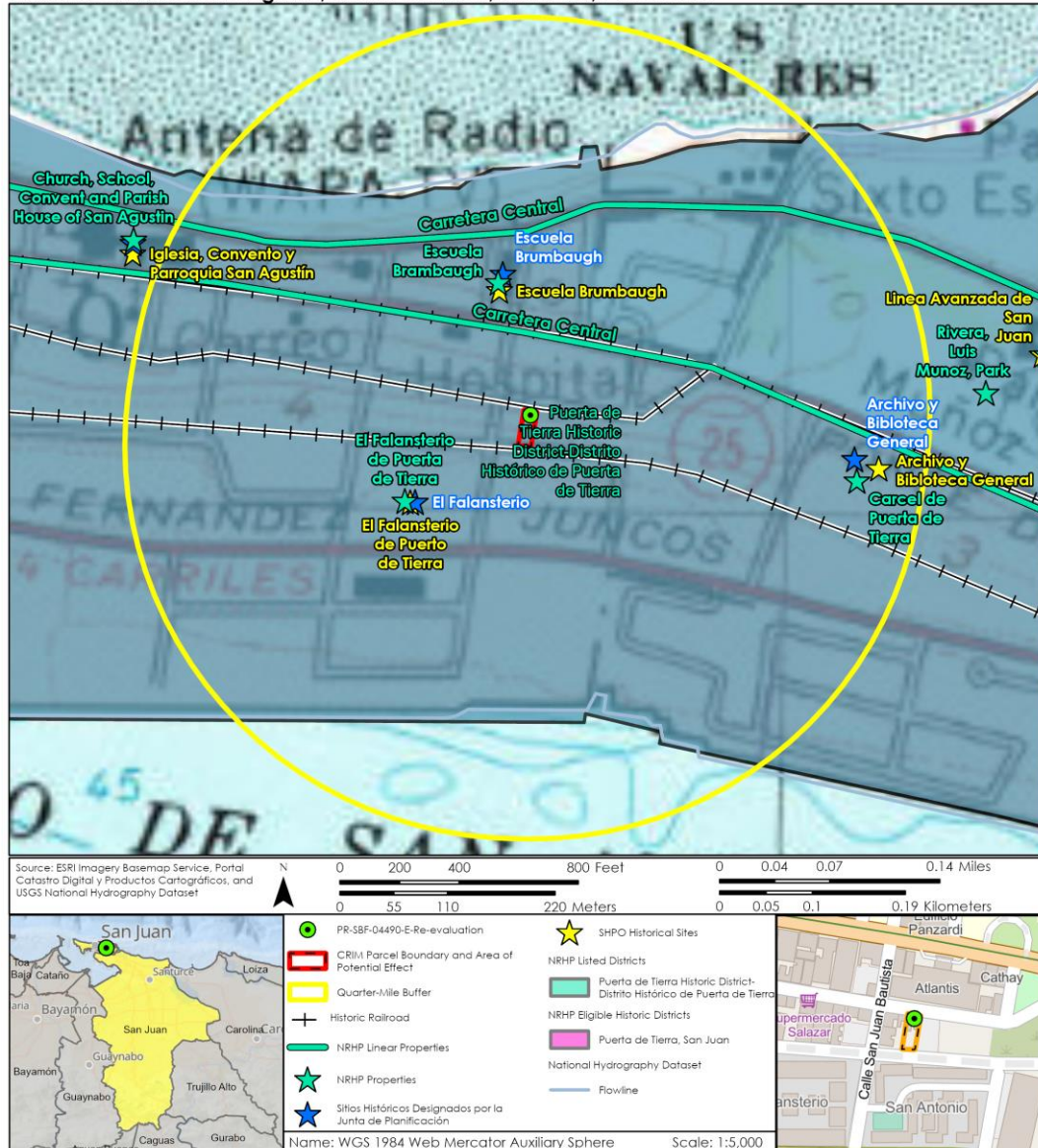


Puerto Rico Department of Housing
Small Business Financing Program

Application ID#: PR-SBF-04490-E-Re-evaluation



Address: 402 Calle San Agustín, Puerta De Tierra, San Juan, Puerto Rico



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING



Photo #: 1

Description (include direction): Left front of building, facing south.

Date: 9/4/2024



Photo #: 2

Description (include direction): Right front of building, facing south.

Date: 9/4/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING



Photo #: 3

Description (include direction): Left of building, facing west

Date: 9/4/2024



Photo #: 4

Description (include direction): Right of building, facing east

Date: 9/4/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING



Photo #: 5

Description (include direction): Rear of building, facing north

Date: 9/4/2024



Photo #: 6

Description (include direction): Left-rear of building facing northwest

Date: 9/4/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



Photo #: 7

Description (include direction): Location for generator, rear of building facing north.

Date: 9/4/2024



Photo #: 8

Description (include direction): Beginning or proposed route for electrical line, interior of building

Date: 9/4/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

SMALL BUSINESS FINANCING PROGRAM (SBF)

Section 106 NHPA Effect Determination

Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

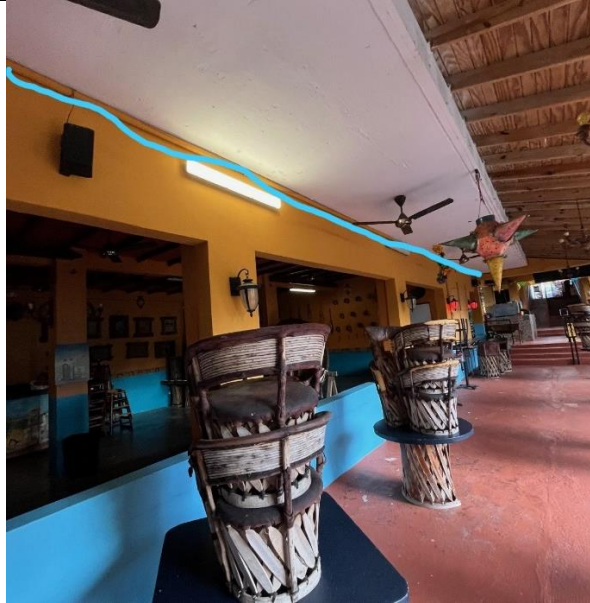


Photo #: 9

Description (include direction): Proposed route for electrical line, continued.

Date: 9/4/2024



Photo #: 10

Description (include direction): Proposed route for electrical line, continued.

Date: 9/4/2024



Program ID Number: PR-SBF-04490-E

Applicant: Hacienda Charra, Inc.



Photo #: 11

Description (include direction): Proposed route for electrical line, continued.

Date: 9/4/2024



Photo #: 12

Description (include direction): Proposed route for electrical line, continued.

Date: 9/4/2024



Photo #: 13

Date: 9/4/2024

Description (include direction): End of proposed route for electric line and area for new transfer switch.



Photo #: 14

Date: 9/4/2024

Description (include direction): Area for replacement 6-burner stove. Will not be permanently affixed and uses existing gas lines.



Photo #: 15

Description (include direction): Existing gas tank.

Date: 9/4/2024



Photo #: 16

Description (include direction): Area for replacement fryer using existing gas line.

Date: 9/4/2024



CDBG-DR PROGRAM

Small Business Financing (SBF) Program

ENVIRONMENTAL FIELD OBSERVATION REPORT

APPLICATION GENERAL INFORMATION

Application No.: PR-SBF-04490-E Applicant Name: Hacienda Charra Inc.

PROPERTY INFORMATION

Property Address:
402 calle San Agustín, Puerta de Tierra, San Juan, PR 00901

Latitude: 18.4640781 Longitude: -66.0952577

Property Type: Commercial Year Built: 1922

Number of Buildings: 1 Are Utilities Connected? Yes

Property Remarks:

Is there evidence of damage from a previous disaster? No

Damage Remarks:

SIGNATURES OF INSPECTION REPORT

Environmental Inspector:

Blas Guernica

Printed Name

Signature

11-18-2024

Date

ENVIRONMENTAL OBSERVATIONS		
Item	Observation	Remarks
Are there any signs of poor housekeeping on the site? <i>(mounds of rubble, garbage, or solid waste or improperly stored household quantities of petroleum products, pesticides, paints, thinners, cleaning fluids, automotive batteries, damaged, abandoned, and/or dangerous vehicles or other motorized equipment; pits, pools, lagoons, or ponds of hazardous substances or petroleum products located on the site)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are there any 55-gallon drums or containers visible on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If drums located, are they leaking?	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	
Are there any signs of petroleum underground storage tanks (PUSTs) on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are there any UST locations visible from the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are there any signs of above-ground storage tanks (ASTs) on the site, or immediate adjacent visible sites?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	There is a propane tank and cistern.
Are there any signs of surface staining?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are there any ground water monitoring or injection wells on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there evidence of a faulty septic system on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there any permanent standing water, such as a pond or stream, located on the site? <i>(Do not include run-off or ponding from recent weather events.)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there any distressed vegetation on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the subject lot have water frontage?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there any visible apparent indication of other environmental conditions?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there any visible apparent evidence of deteriorated paint (chipping, peeling, cracking) present in the structure?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are there other unusual conditions on site? <i>(Explain in attached supporting material. Please take photographs, if possible.)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the structure 45 years or older?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Year built: 1922
Is the applicant aware of any significant historical events or persons associated with the structure; or does the home have a historic marker?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

REQUIRED PHOTOS



Front of Property



Front of Property



Rear of Property



Rear of Property

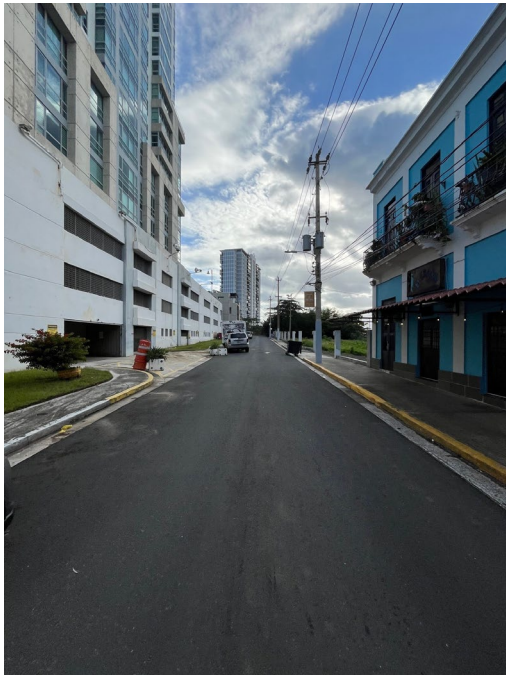
PHOTOS OF RECOGNIZED ENVIRONMENTAL CONDITIONS (add additional pages as necessary)



Left Side of Property



Right Side of Property



Streetscape



Streetscape

ADDITIONAL PHOTOS (add additional pages as necessary)



Area for Generator



Proposed Route for New Electric Line



Proposed Route for New Electric Line



Proposed Route for New Electric Line

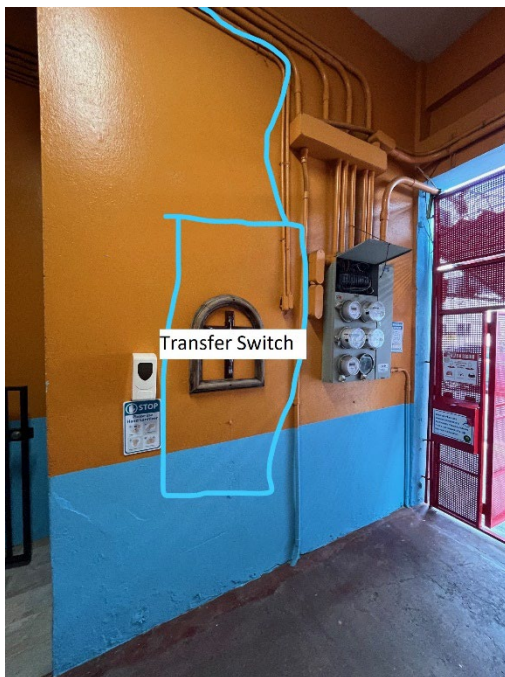
ADDITIONAL PHOTOS (add additional pages as necessary)



Proposed Route for New Electric Line



Proposed Route for New Electric Line



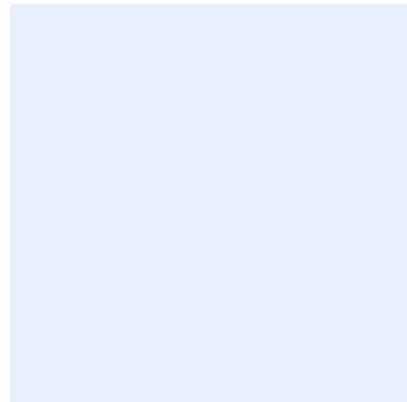
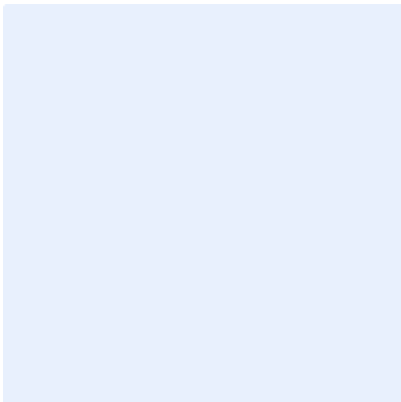
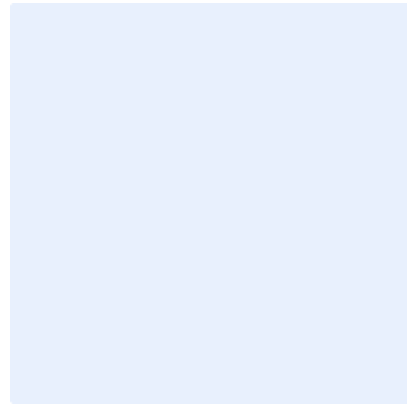
Proposed Route for New Electric Line and Transfer Switch



Grey Cistern



Propane Tank





DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO



MEMORANDUM TO FILE

Date: March 3, 2025

From: Blas Guernica
Senior Environmental Associate
CDBG-DR Program
Small Business Financing Program
Puerto Rico Department of Housing

Application Number: PR-SBF-04490-E

Project: HACIENDA CHARRA INC.

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-SBF-04490-E under the Small Business Financing Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

Per the U.S. Department of Housing and Urban Development's (**HUD**) CPD Notice 23-103, the recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the following reason[s]:

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report

for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental Protection Agency. No other completed studies and reports on radon testing are available in Puerto Rico.

- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site is in a high-risk area. The Department of Health and Human Services, Centers for Disease Control and Prevention (**CDC**), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.
- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI/AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.
- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.
- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

As part of the evaluation for this determination, PRDOH sent information requests to six (6) local agencies at the state and federal levels. We received responses from the following agencies:

- United States Geological Survey;
- Centers for Disease Control and Prevention;
- Puerto Rico Department of Health; and
- United States Environmental Protection Agency.

The agencies mentioned above confirmed the lack of scientific data on Radon testing for Puerto Rico and the technical difficulties that we face to comply with HUD's Radon testing requirement. For the above-mentioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review.

Radon Attachments



August 20, 2024

Mrs. Carmen R. Guerrero Pérez
Director
Caribbean Environmental Protection Division
City View Plaza II – Suite 7000
#48 Rd. 165 km 1.2
Guaynabo, PR 00968-8069

Via email: guerrero.carmen@epa.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | www.usenda.pr.gov



August 20, 2024

Dr. Silvina Cancelos
Professor
College of Engineering
University of Puerto Rico – Mayagüez Campus
259 Norte Blvd. Alfonso Valdés Cobián
Mayagüez, Puerto Rico

Via email: silvina.cancelos@upr.edu

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Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | www.usenda.pr.gov

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:

Mr. Oleg Pavetko, Pavetko.Oleg@epa.gov
Mr. Matthew Laitila, laitila.matthew@epa.gov

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Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:

Dr. Carlos Marín, carlos.marin3@upr.edu



August 20, 2024

Dr. Jessica Izárry
Director
Office of Island Affairs
U.S. Centers for Disease Control and Prevention
1324 Cll Canada, San Juan, 00920
Guaynabo, PR 00968-8069

Via email: OIA@cdc.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.viviendap.rg.pr.gov

CDBG-DR/MIT Program
Request for Information in relation with HUD CPD-23-103 for Puerto Rico
Page 2 / 2

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements, if some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary



August 20, 2024

Mrs. Anais Rodríguez
Secretary
Puerto Rico Department of Natural Resources
Carretera 8838, km. 6.3, Sector El Cinco,
Río Piedras San Juan, PR 00926

Via email: anais.rodriguez@dma.pr.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

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CDBG-DR/MIT Program
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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Luis Márquez, secretariogaire@dma.pr.gov
Eng. Amarilis Rosario, aire@dma.pr.gov
Mrs. Elid Ortega, ortega@dma.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Carlos R. Mellado López
Secretary
Puerto Rico Department of Health
PO Box 70184
San Juan, PR 00936-8184

Via email: dr.carlos.mellado@salud.pr.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

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Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.cdh.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Holly Weyers
Regional Director, Southeast – Puerto Rico
US Geological Survey
3916 Sunset Ridge Road
Raleigh, NC 27607

Via email: hweyers@usgs.gov

RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

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Request for Information in relation with HUD CDP-23-103 for Puerto Rico
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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Raúl Hernández Dabla, rhernandez2@salud.pr.gov

CDBG-DR/MIT Program
Request for Information in relation with HUD CDP-23-103 for Puerto Rico
Page 2 / 2

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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. R. Randall Schumann, rschumann@usgs.gov

From: Charp, Paul (CDC/NCEH/DEHSP) <pac4@cdc.gov>
Sent: Tuesday, September 3, 2024 6:36 AM
To: Miranda, Sandra (CDC/PHIC/DPS); Irizarry, Jessica (CDC/PHIC/DPS); Rzeszutarski, Peter (CDC/NCEH/DEHSP); Vinson, D. Aaron (CDC/NCEH/DEHSP)
Cc: Kostak, Liana (CDC/PHIC/DPS); Vazquez, Germaine (CDC/NCEH/DEHSP)
Subject: RE: REHi: Puerto Rico Request for Information- Randon testing and levels

Good morning, Sandra and others,

In response to the request from Mr. William Rodriguez of the Department of Housing, Government of Puerto Rico, I have reviewed all the available data within the CDC National Environmental Public Health Tracking Network system for data related to radon in Puerto Rico. In addition to the tracking data available on the internet, I also reached out to Mr. Aaron Vinson of the NCEH Tracking Branch.

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. Rodriguez in your response to his requests

If you have any additional questions, please contact me.

Thank you and best regards,

Paul A. Charp, Ph.D., Fellow, HPS
Senior Health Physicist
Emerging Environmental Hazards and Health Effects Branch (EEHHEB)
Division of Environmental Health Science and Practice (DEHSP)
National Center for Environmental Health (NCEH)
Centers for Disease Control and Prevention (CDC)
pcharp@cdc.gov
770-488-0723 office
404.388.0614 Cell



From: Schumann, R. Randall <rschumann@usgs.gov>
Sent: Wednesday, August 21, 2024 4:39 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Weyers, Holly S <hsweyers@usgs.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>
Subject: RE: Request for Information- Radon testing and levels

Dear Ms. Medina Smaine,

In the early 1990s the U.S. Geological Survey (USGS) conducted geologic assessments of radon potential for all 50 states and the territories of Guam and Puerto Rico, in collaboration with the U.S. EPA. I conducted the geologic radon potential assessment for Puerto Rico. The PDF file of the report is too large to attach to this message but it can be obtained at <https://pubs.usgs.gov/of/1993/0292k/report.pdf>. The USGS did not conduct indoor radon testing and we did not conduct field studies associated with this assessment; it was based on existing data. Mr. David Saldana of the Puerto Rico Department of Health kindly provided us with data for 610 homes that were tested for indoor radon by his agency between 1993 and 1995, which are summarized in the report. I am not aware of any other radon-related geologic studies conducted in the Commonwealth of Puerto Rico by the U.S. Geological Survey.

Best regards,

R. Randall Schumann
Scientist Emeritus
U.S. Geological Survey
Geosciences and Environmental Change Science Center
Denver, Colorado, USA
rschumann@usgs.gov
<https://www.usgs.gov/staff-profiles/r-randall-schumann>

From: Raul Hernandez Doble <rhernandez2@salud.pr.gov>
Sent: Wednesday, August 21, 2024 2:13:31 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Dr. Carlos Mellado <drcarlos.mellado@salud.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Mayra Toro Tirado <mtoro@salud.pr.gov>
Subject: RE: [EXTERNAL] Request for Information- Radon testing and levels

Good afternoon. Ms. Medina

I regret to inform that we do not have any recent information on radon testing, since we do not have a certified radiation laboratory certified for radon testing. There are companies that sell test kits available online that can be done and mailed to a testing laboratory. There are also lists of radon contractors and these companies that process radon testing cartridges with instructions, on the Environmental Protection Agency Indoor air Quality web page. The last radon study in Puerto Rico done by the PR Department of Health was done on the year 1993.

Raul Hernandez Doble
Director, Seccion Salud Radiologica
Division de Salud Ambiental
Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica
rhernandez2@salud.gov.pr
Phone: (787)765-2929 ext. 3210

From: Reyes, Brenda <Reyes.Brenda@epa.gov>
Sent: Wednesday, September 18, 2024 11:48 AM
To: Cesar O Rodriguez Santos <cesarrodriguez@drna.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Silvina Cancelos Mancini <silvina.cancelos@upr.edu>; Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Povetko, Oleg (he/him/his) <Povetko.Oleg@epa.gov>
Subject: RE: Request for Information- Randon testing and levels

Saludos.

La EPA esta trabajando una respuesta a su petición. Se sometió borrador a la directora y el subdirector para su aprobación y firma.

Brenda Reyes Tomassini
Public Affairs
U.S. EPA
Region 2
Caribbean Environmental Protection Division
(787) 977-5869/(787) 977-5865
Mobile: 202-834-1290

From: Silvina Cancelos Mancini <silvina.cancelos@upr.edu>
Sent: Friday, September 6, 2024 15:04
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Reyes, Brenda <Reyes.Brenda@epa.gov>; Povetko, Oleg <Povetko.Oleg@epa.gov>
Subject: Re: Request for Information- Randon testing and levels

Estimada Melanie Medina

Quería dejarle saber que recibimos su correo el 21 de agosto al igual que el de Maritza Rosa el pasado 4 de septiembre. Ya las personas involucradas de EPA, junto conmigo y el Dr. Marín estamos al tanto del asunto y estamos trabajando para poder enviarles la información.

Atentamente

Silvina Cancelos
Professor
Associate Director
Mechanical Engineering Department
University of Puerto Rico - Mayaguez
Call BOX 9000 Mayaguez PR 00680
Tel: 787-832-4040 ext 5956
email: silvina.cancelos@upr.edu



Bubble Dynamics Lab
University of Puerto Rico - Mayaguez



EPA REGION 2
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION

September 23, 2024

VIA EMAIL

William O. Rodríguez Rodríguez, Esq.
Secretary
Puerto Rico Department of Housing
Barbosa Ave. 606 Building Juan C. Cordero
San Juan, PR 00917
Email: W.Rodriguez@vivienda.pr.gov

RE: EPA Response to August 20, 2024 request for information of data on radon testing and levels in Puerto Rico

Dear Honorable Secretary Rodríguez Rodríguez:

This communication is in response to your letter of August 20, 2024 addressed to the Puerto Rico Department of Natural and Environmental Resources (DNER) and referred to the U.S. Environmental Protection Agency (EPA) regarding available data on radon testing and levels within Puerto Rico.

EPA's National Radon Action Plan 2021–2025 sets a goal for the nation to find, fix and prevent high indoor radon levels in 8 million buildings by 2025 and prevent 3,500 lung cancer deaths per year. Under this Plan, leaders from across multiple sectors are working together to plan, guide, and sustain nationwide action to prevent exposure to radon.

Due to the lack of data in Puerto Rico, EPA undertook an investigation in collaboration with the University of Puerto Rico-Mayaguez (UPRM) Campus, Departments of Civil Engineering and Surveying and Mechanical Engineering, to find out if radon presented a problem in Puerto Rico. Up until 2021, the only data we had for Puerto Rico was a 1993-1995 mail-in radon screening study referred to by the U.S. Geological Survey report (USGS, 1995) in which the USGS concluded that several areas of Puerto Rico have the geologic potential to generate indoor radon levels exceeding the EPA Action Level of 4 pCi/L (picocuries per liter), perhaps locally reaching very high levels above 50 pCi/L, if a house construction and

ventilation allow for soil-gas radon to enter and concentrate within the structure.¹ According to the USGS report, most of these areas are located in the northwest part of the island. Please note that the actual 1993-1995 study documentation is not available to the EPA.

Typical radon testing technology used in mainland United States (charcoal canisters or electric-powered devices) are impractical in Puerto Rico because of high humidity and power outages. The recovery and rebuilding of communities following the aftermath of 2017 Hurricanes Irma and Maria presented an opportunity to develop radon prevention and mitigation strategies in 2019. Initially, EPA sampled indoor radon air in over 170 single-family residences in the municipalities of San Sebastián, Lares, Ciales, Arecibo, Morovis, Camuy, and Hatillo and later expanded the project to other municipalities such as Rincon, Aguada, Aguadilla, Isabela, Quebradillas, Barceloneta and Vega Baja. The quality assurance protocols were anchored in American National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST) standards of practice (ANSI/AARS, 2019). The sampling was designed in two stages: scoping and confirmatory sampling. The scoping sampling was conducted using Corentium Home (CH) electronic monitors and E-Perm systems. Locations measuring above the EPA Action Level of 4 pCi/L with CH were measured at the second stage of the sampling using RAD7 and Corentium Pro Continuous Radon Monitors (CRMs). Nationally certified radon sampling professionals led by one such professional from the UPRM conducted confirmatory sampling in the second stage. Also, during the study, the nationally certified radon mitigation professionals inspected several homes with elevated indoor radon levels.

Mapping radon in Puerto Rico proved to be a complicated endeavor given the COVID-19 pandemic in 2020. EPA and UPRM continue to work on the project, however, results have not been finalized, and no scientific report has been published yet. Unfortunately, EPA cannot share preliminary data at this time because it contains privileged information. Nevertheless, preliminary data from the study does show homes with levels over 4 pCi/L (EPA Action Level) that might need mitigation to protect the health of their inhabitants.

Although many states have developed laws and regulations governing radon disclosure, certification, and mitigation, Puerto Rico lacks legislation or mandatory radon testing provisions for new construction, remodeling, selling or buying homes. Given this loophole and aiming to answer your request, the EPA can provide information on Best Management Practices for sampling indoor radon in Puerto Rico.

¹ Reference: USGS. Geologic Radon Potential of Guam and Puerto Rico, Report 93-292-K. Washington, DC: USGS. Retrieved 9/11/2024, from <https://pubs.usgs.gov/of/1993/0292k/report.pdf>.

CITY VIEW PLAZA II BUILDING, 7TH FLOOR
ROUTE 185 GUAYNABO, PR 00988

2

If you have any questions or need any additional information, please contact me at 787-977-5865 or guerrero.carmen@epa.gov or have your staff contact Reyes, Brenda at reyes.brenda@epa.gov or (787) 977-5869.

Sincerely,

**CARMEN
GUERRERO
PEREZ**

Carmen R. Guerrero Pérez
Director

Digitally signed by
CARMEN GUERRERO PEREZ
Date: 2024.09.23 09:41:39
-04'00'

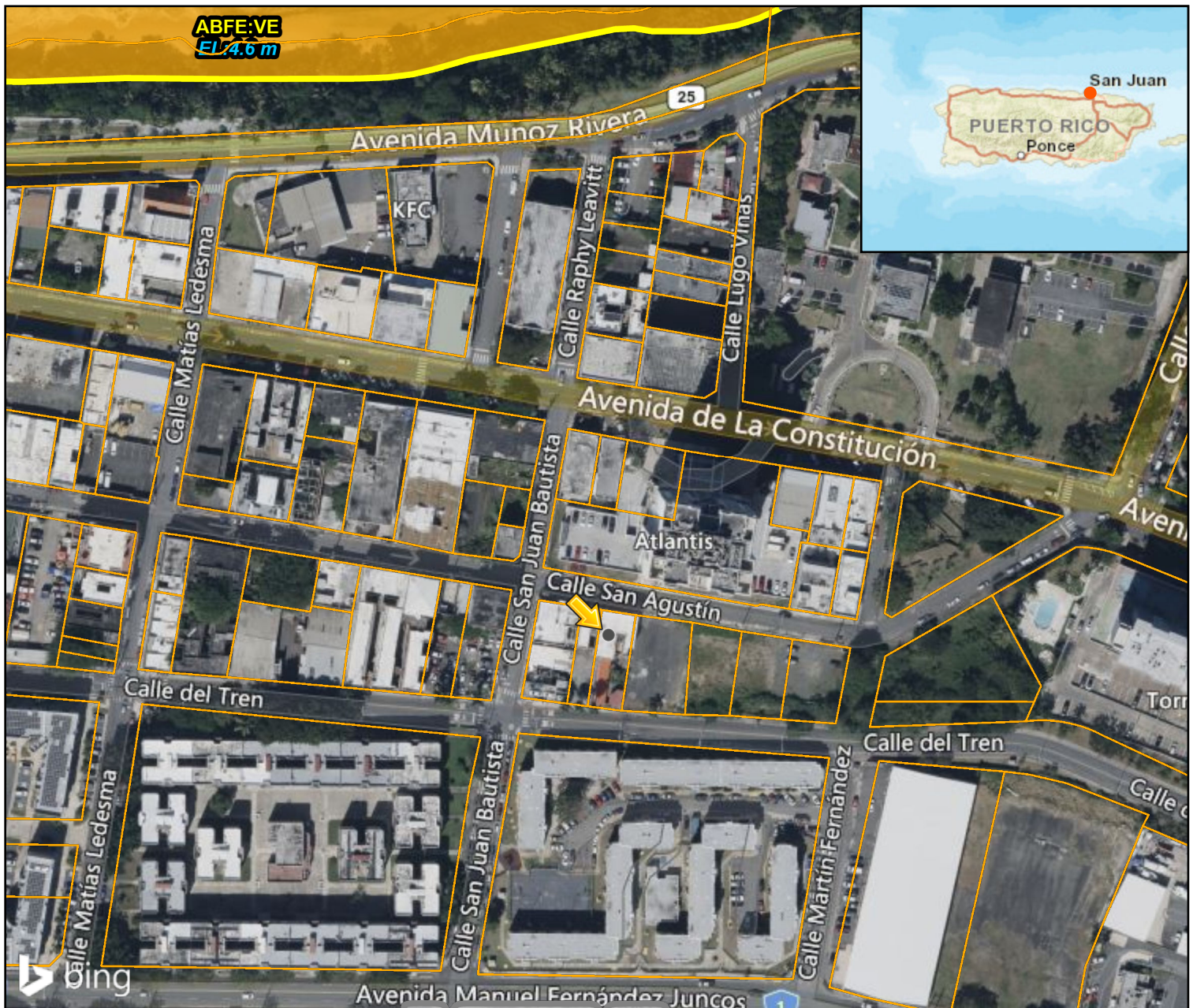
cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)
Melany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: arivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriiguez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@drna.pr.gov

Registry_ID	PGM_SYS_ID	Name
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110063887156	PRU026987	DRILL SHAFT RETAINING WALL CONSTRUCTION PROJECT(AC-02533)
110004888658	PR3170072968	US NAVY NAS SAN JUAN AIR STATION
110009438019	PRR000012328	SUN PRINCESS
110004895515	PRR000012310	DAWN PRINCESS
110004889602	PRD987370855	FOOD & DRUG ADMINISTRATION BLDG
110007803038	PR0000367581	DEPT OF ED - JOSE CELSO BARBOSA
110004894320	PRR000009431	CARIBBEAN PETROLEUM LP SS GULF 456
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408 FERNANDEZ JUNCOS AVE	SAN JUAN	18.46257	-66.09312	RCRAINFO
408 FERNANDEZ JUNCOS AVE	SAN JUAN	18.46257	-66.09312	RCRAINFO
466 FERNANDEZ JUNCOS AVE	SAN JUAN	18.46249	-66.09273	RCRAINFO
AVE PONCE DE LEON	SAN JUAN	18.465353	-66.09879	RCRAINFO
PARADA 26.5 AVE FERNANDEZ	SAN JUAN	18.4631	-66.09967	RCRAINFO
AVE FERNANDEZ JUNCOS INTERSECCION TADEO RIVERA	SAN JUAN	18.4635	-66.1	NPDES
ISLA GRANDE FLYING AREA	SAN JUAN	18.458333	-66.095278	TRIS
HANGAR 21 ISLA GRANDE	SAN JUAN	18.458333	-66.095278	RCRAINFO
RD 1 KM 12.9 AGRICULTURAL	SAN JUAN	18.461185	-66.088245	RCRAINFO

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https://echo.epa.gov/detailed-facility-report?fid=110004895515	952.6126	No
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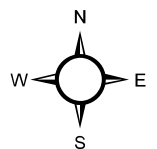
PR-SBF-04490-E ABFE



Legend

- Parcels
- VE
- 0.2% Annual Chance Flood Zone
- Zone/BFE Boundary
- 1% Annual Chance Flood
- 0.2% Annual Chance Flood

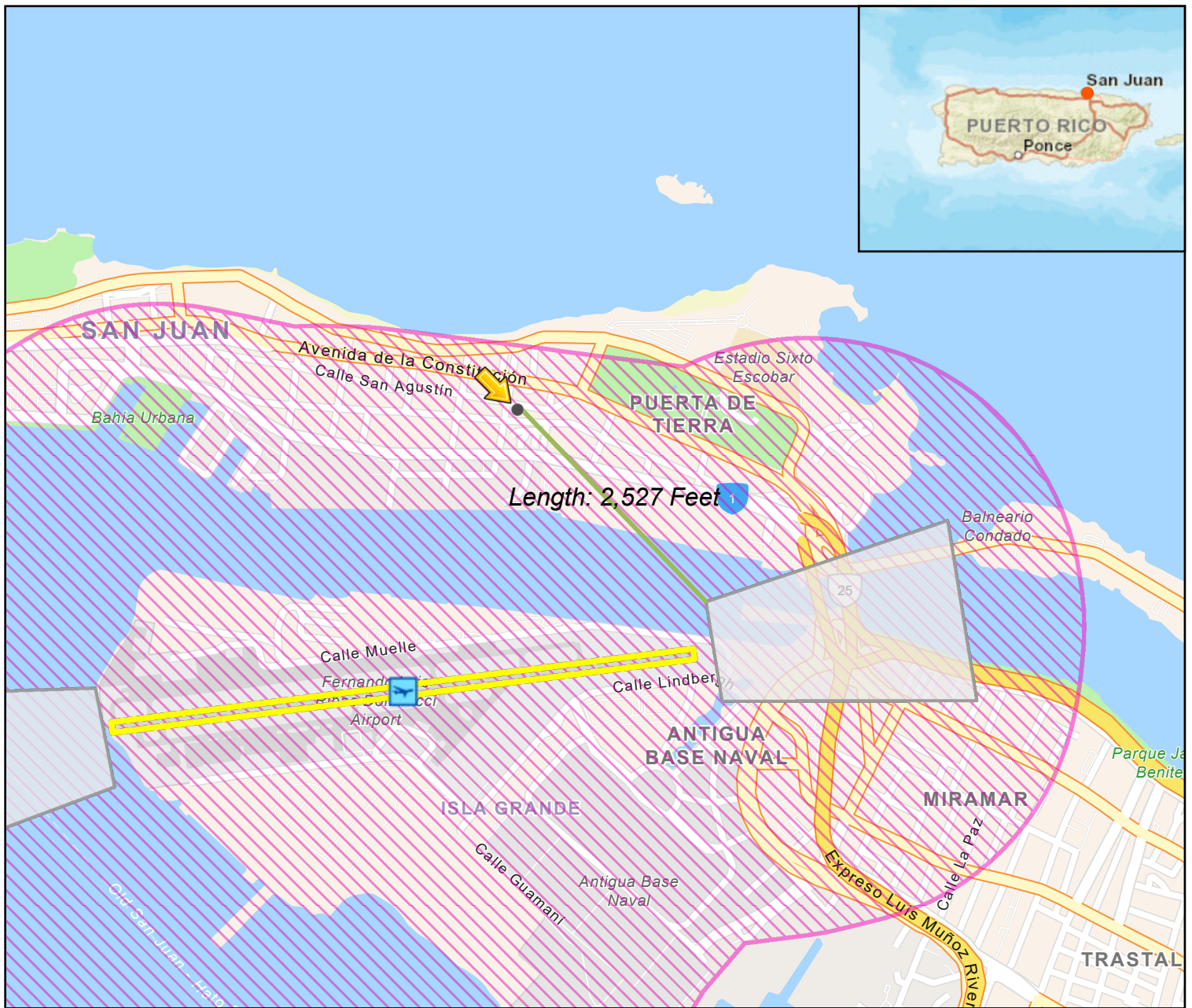
0 0.02 0.04 0.08 mi



FEMA Map Service

ABFE 1PCT

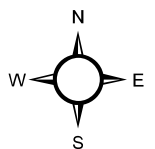
PR-SBF-04490-E-Re-evaluation Airports



Legend

- Civilian Airports 2,500ft Buffer
- Runway Protection Zones
- Airport Runways
- Minor Airport

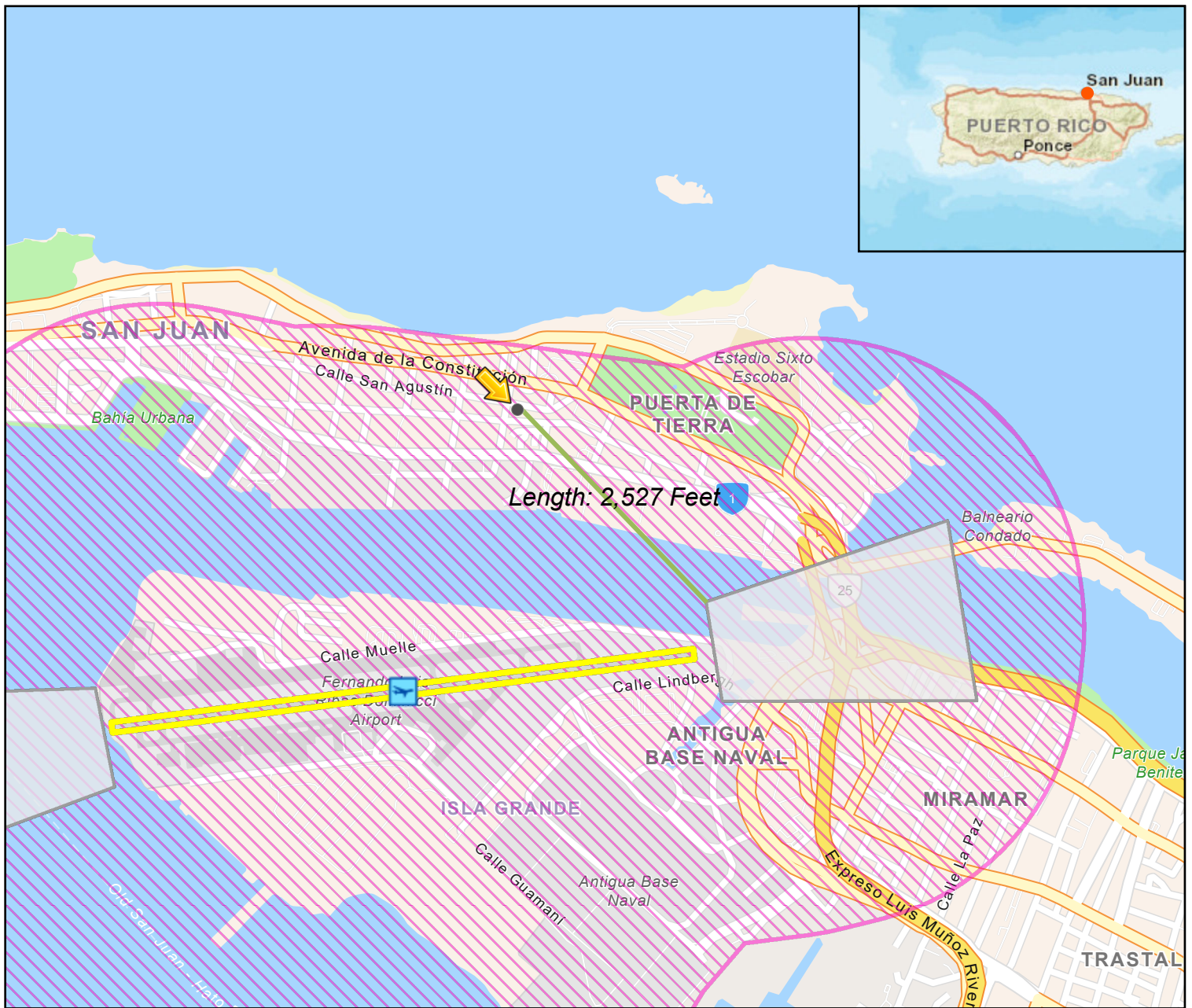
0 0.17 0.35 0.7 mi



Runway Protection Zones

Major Civil and Military Airports

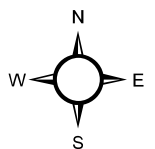
PR-SBF-04490-E-Re-evaluation Airports



Legend

- Civilian Airports 2,500ft Buffer
- Runway Protection Zones
- Airport Runways
- Minor Airport

0 0.17 0.35 0.7 mi



Runway Protection Zones

Major Civil and Military Airports



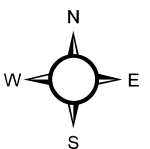
PR-SBF-04490-E-Re-evaluation CBRS



Legend

- Otherwise Protected Area
- System Unit

0 0.5 1 2 mi

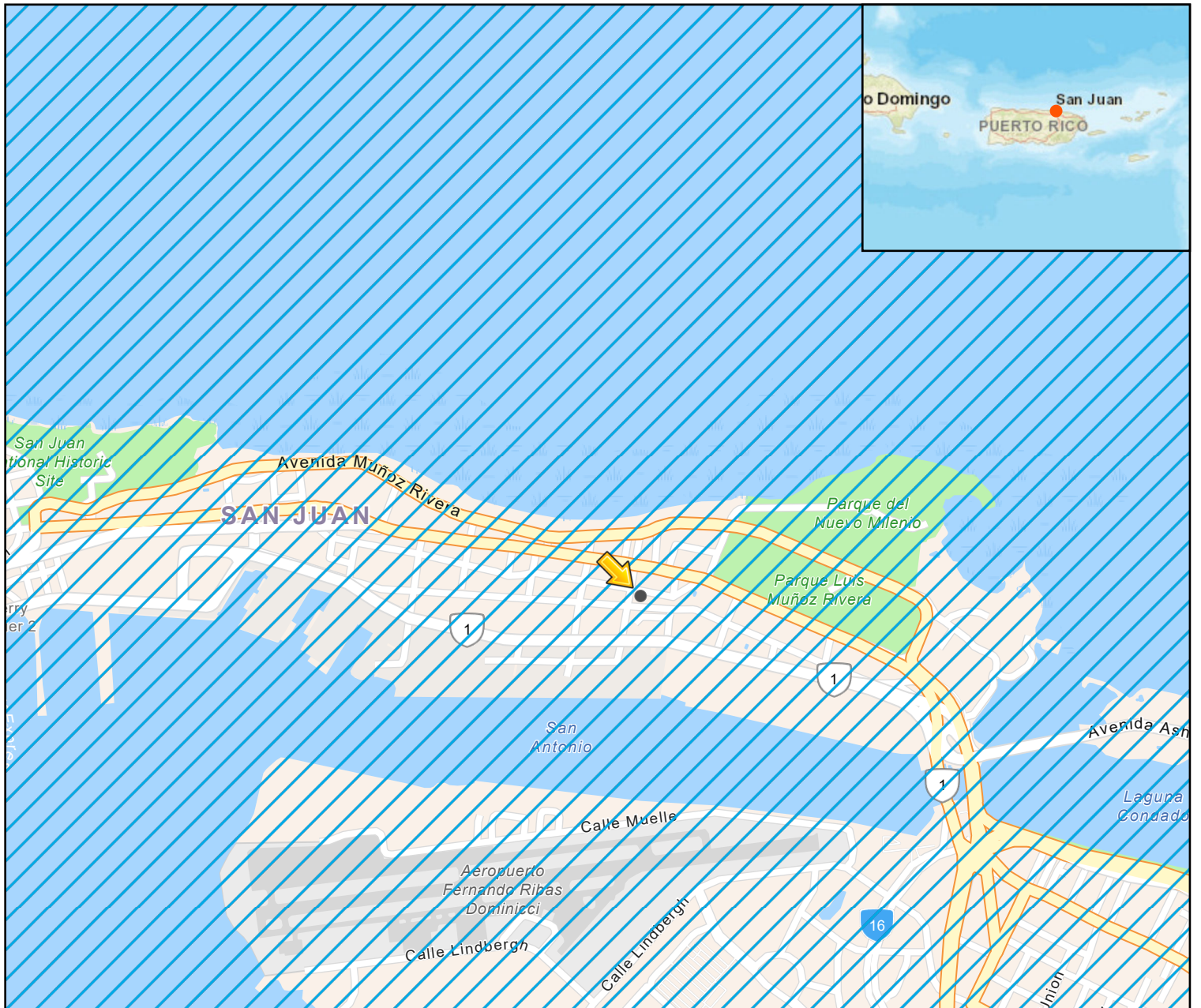


U.S. Fish and Wildlife Service

Coastal Barrier Resources Act Program



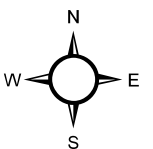
PR-SBF-04490-E-Re-evaluation CZM



Legend

 Coastal Zone Management Act Boundary

0 0.17 0.35 0.7 mi



NOAA



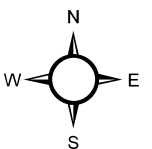
PR-SBF-04490-E-Re-evaluation Endangered Species



Legend

USFWS Critical Habitat - Polygon Features - Final (agency service)

0 1.25 2.5 5 mi

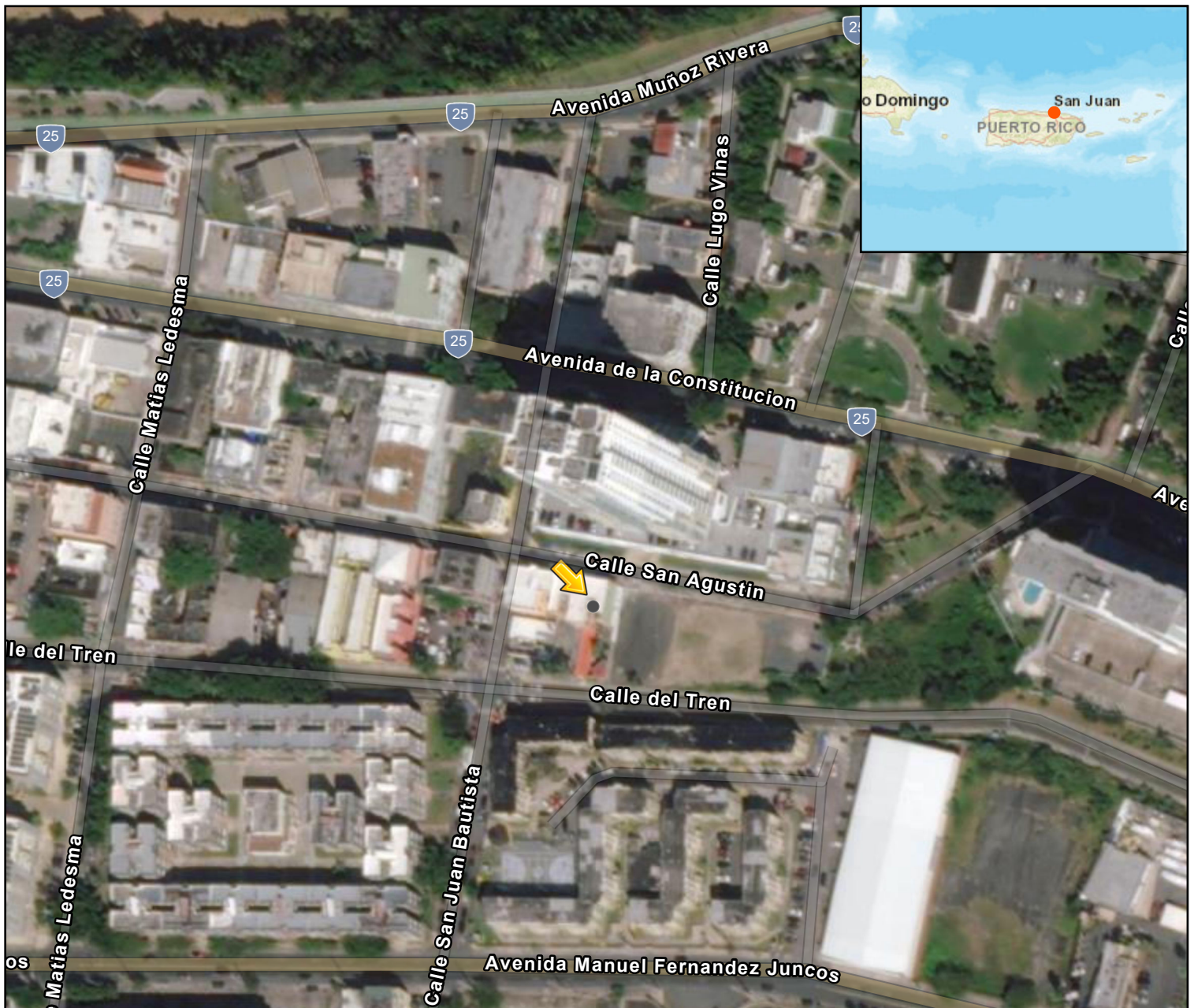


Endangered Species Habitat

U.S. Fish and Wildlife Service



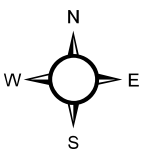
PR-SBF-04490-E-Re-evaluation Farmlands



Legend

- Prime Farmland
- Farmland of Local Importance
- Farmland of Statewide Importance
- Farmland of Unique Importance
- Not Prime Farmland

0 0.02 0.04 0.08 mi

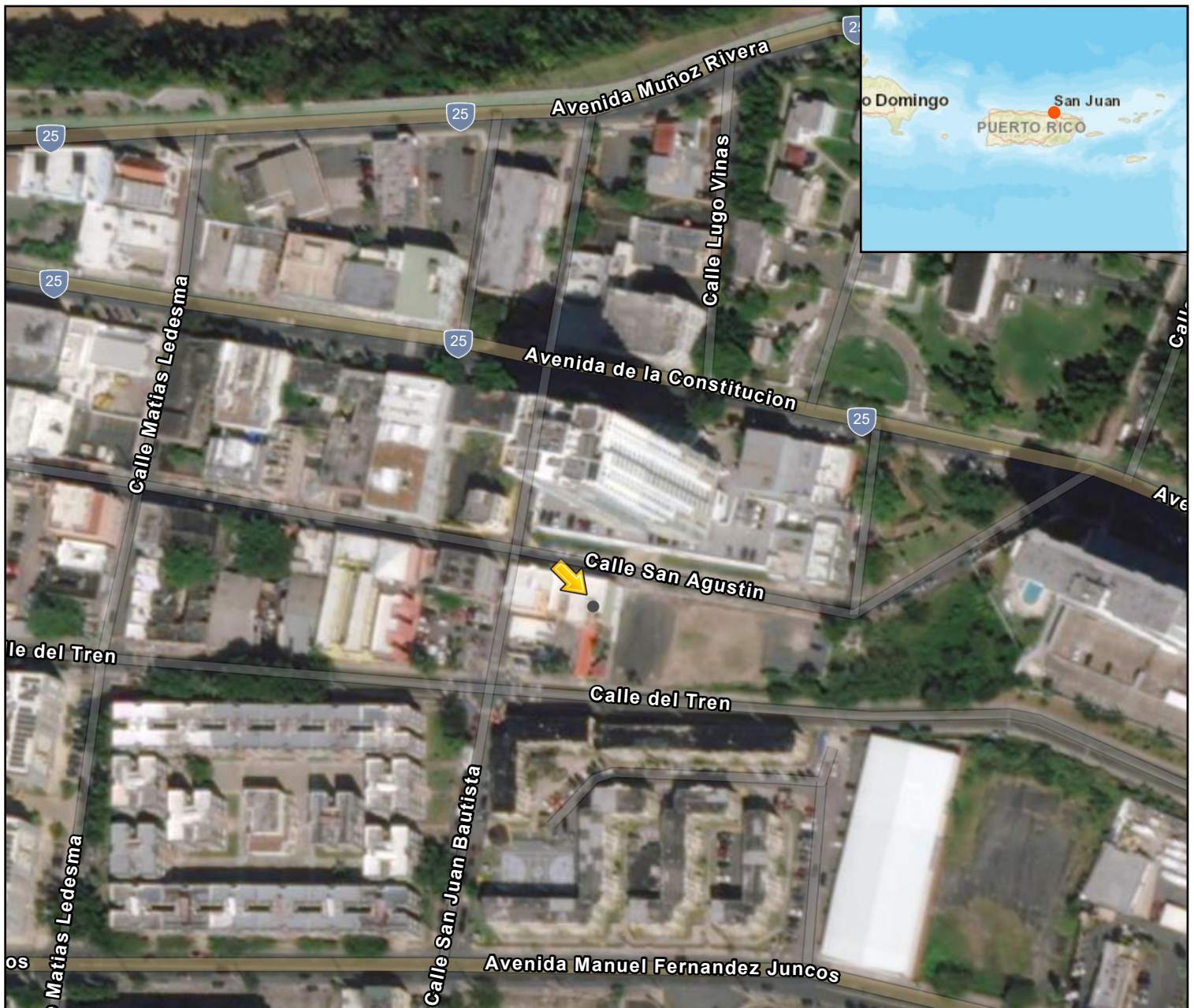


USGS USA Soils

Farmland dataset



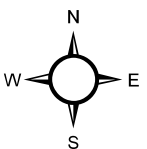
PR-SBF-04490-E-Re-evaluation Farmlands



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- Farmland of Unique Importance
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0 0.02 0.04 0.08 mi

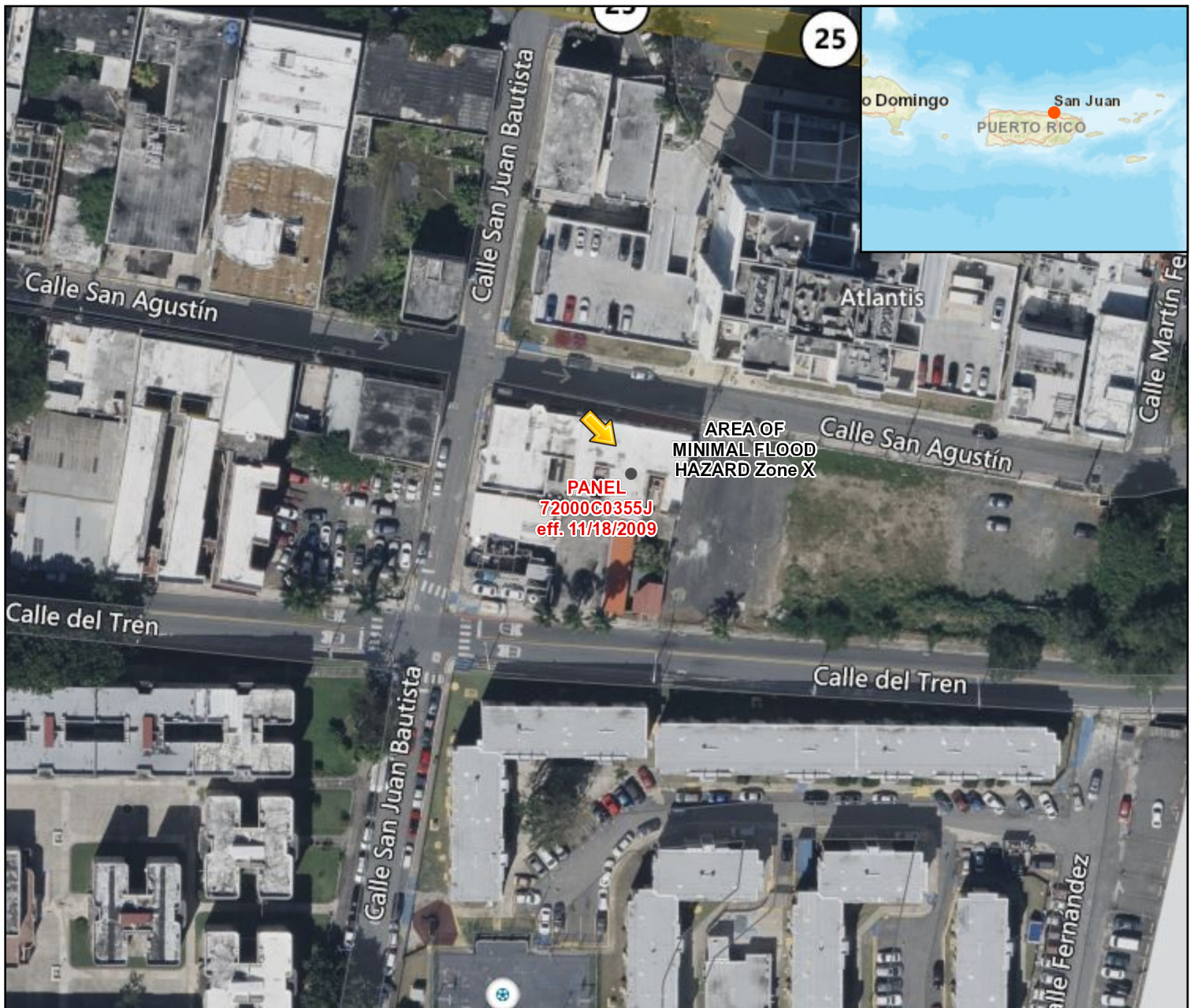


USGS USA Soils

Farmland dataset



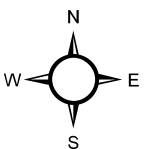
PR-SBF-04490-E-Re-evaluation FIRM



Legend

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- FEMA Floodzone Panels - Effective

0 0.01 0.02 0.04 mi

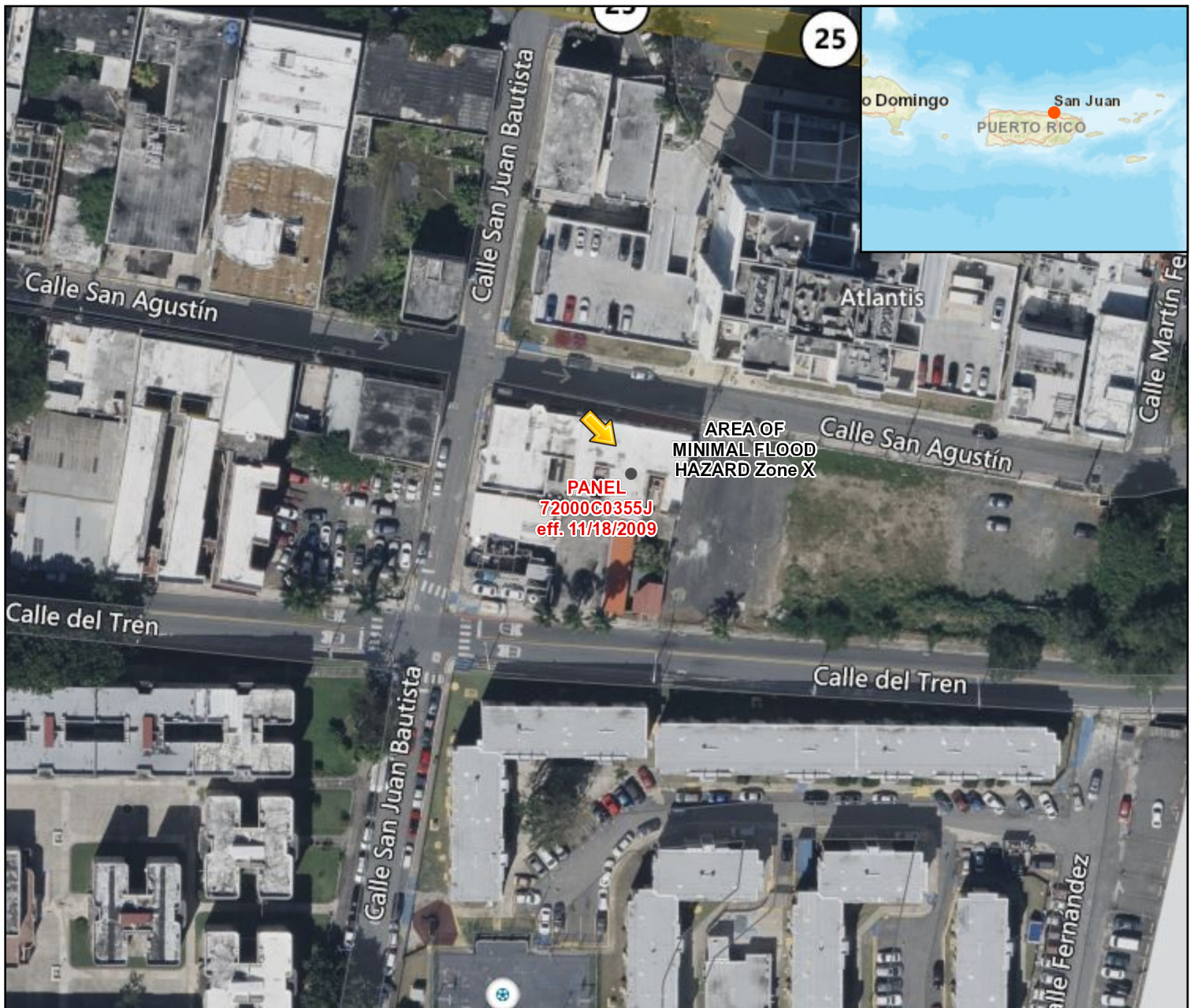


FEMA Map Service

Flood Insurance Rate Maps



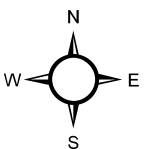
PR-SBF-04490-E-Re-evaluation FIRM



Legend

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- Special Floodway
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- 0.2% Annual Chance Flood Hazard
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- Area with Reduced Risk Due to Levee
- FEMA Floodzone Panels - Effective

0 0.01 0.02 0.04 mi



FEMA Map Service

Flood Insurance Rate Maps



PR-SBF-04490-E-Re-evaluation Historics



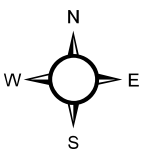
Legend

- National Historic Landmark
- National Register of Historic Places
- National Historic Landmark
- National Register of Historic Places
- Historic Districts

National Register Of Historic Places Points

National Register of Historic Places Polygons

0 0.17 0.35 0.7 mi



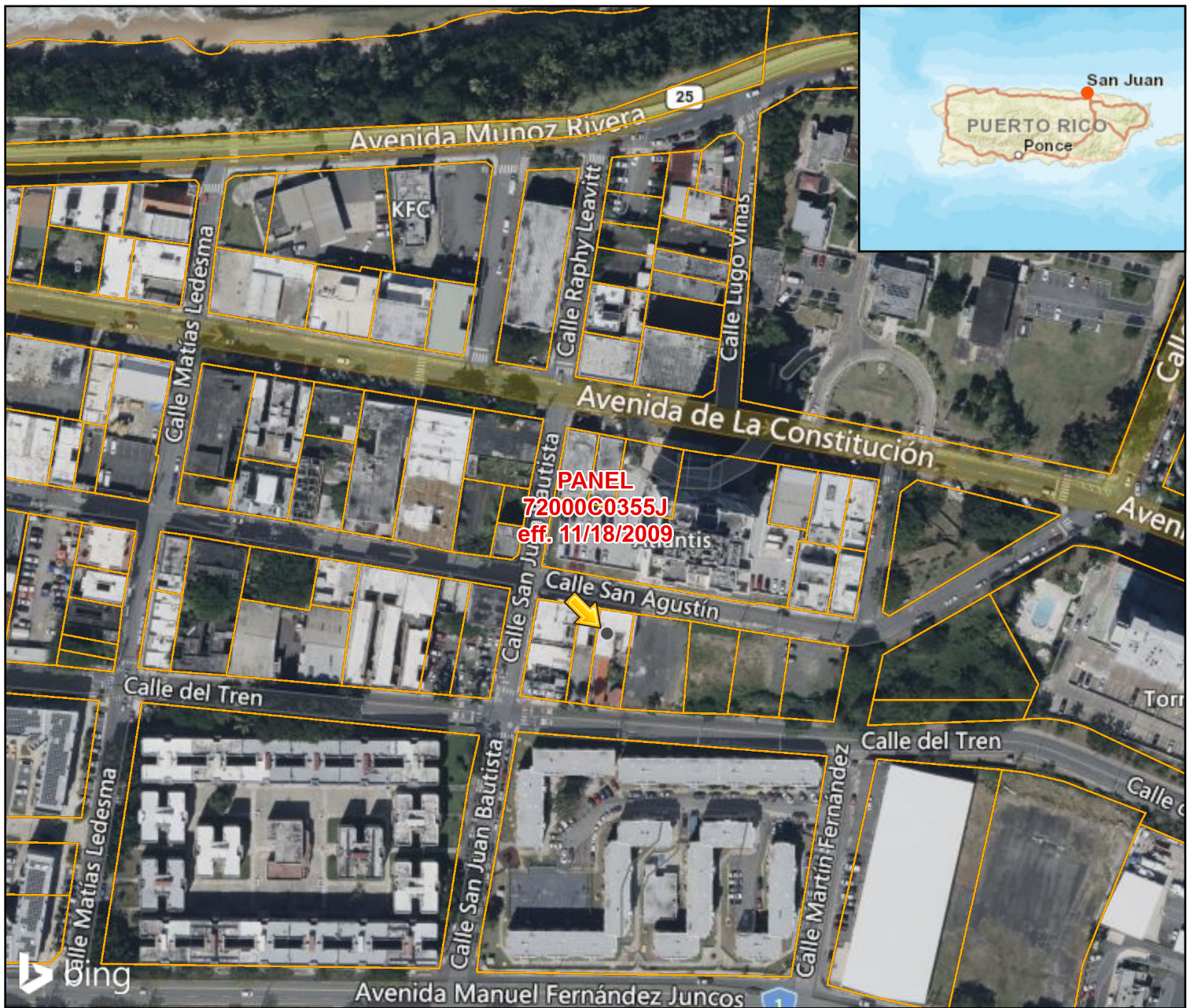
National Register of Historic Places

Local Historic Areas digitized by Horne

<https://arcgis.horne.com/portal/apps/experiencebuilder/experience/?id=883eb165a91d411996af67b92f45a429>
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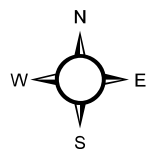
PR-SBF-04490-E PFIRM



Legend

- Preliminary FIRM Panels
- Parcels

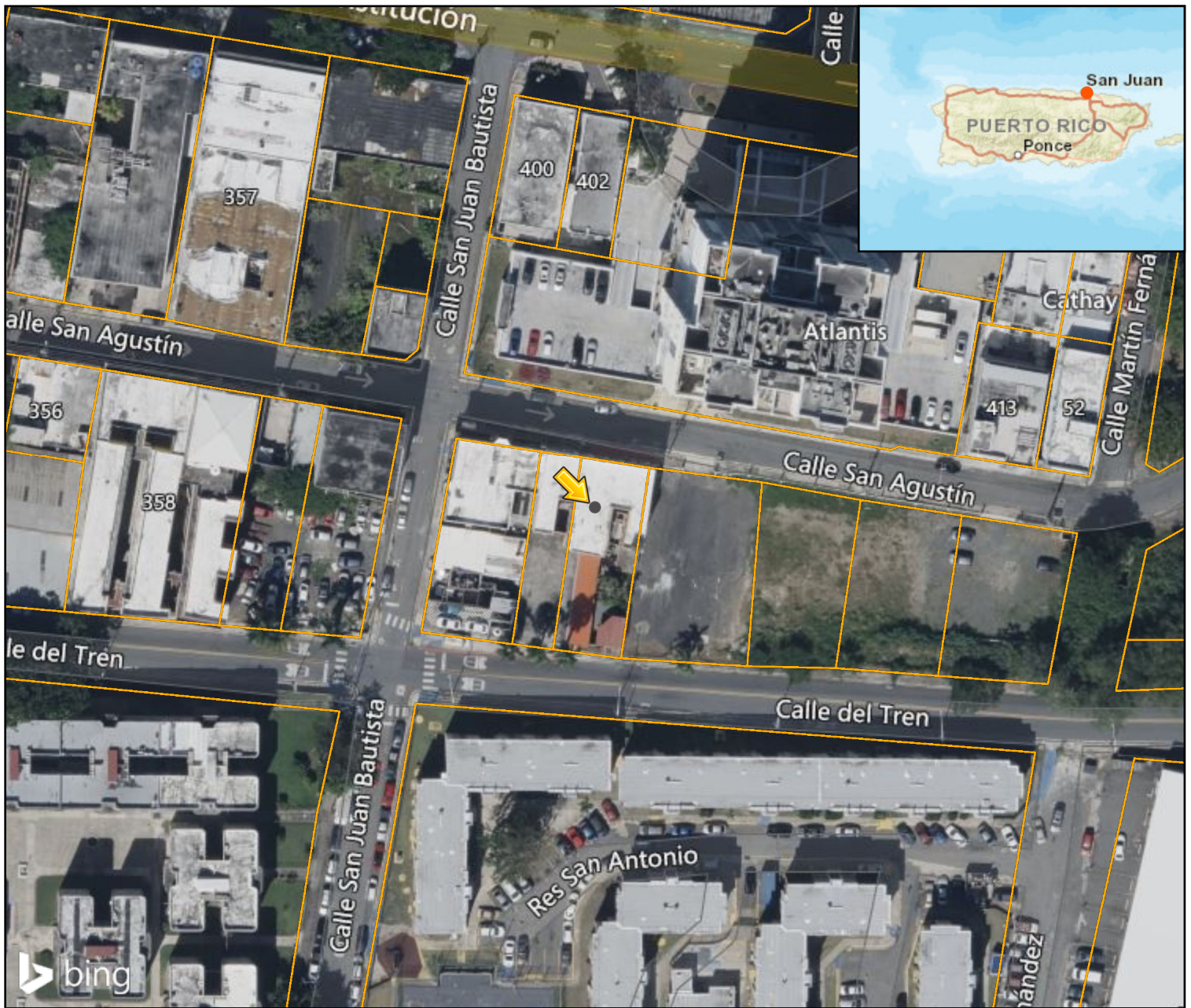
0 0.02 0.04 0.08 mi



FEMA Map Service

FEMA Floodzones - Preliminary

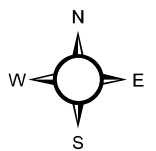
PR-SBF-04490-E Site Map



Legend

Parcels

0 0.01 0.02 0.04 mi



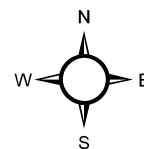
PR-SBF-04490-E-Re-evaluation SSA



Legend

Sole Source Aquifers - EPA August 2019

0 180 360 720 mi

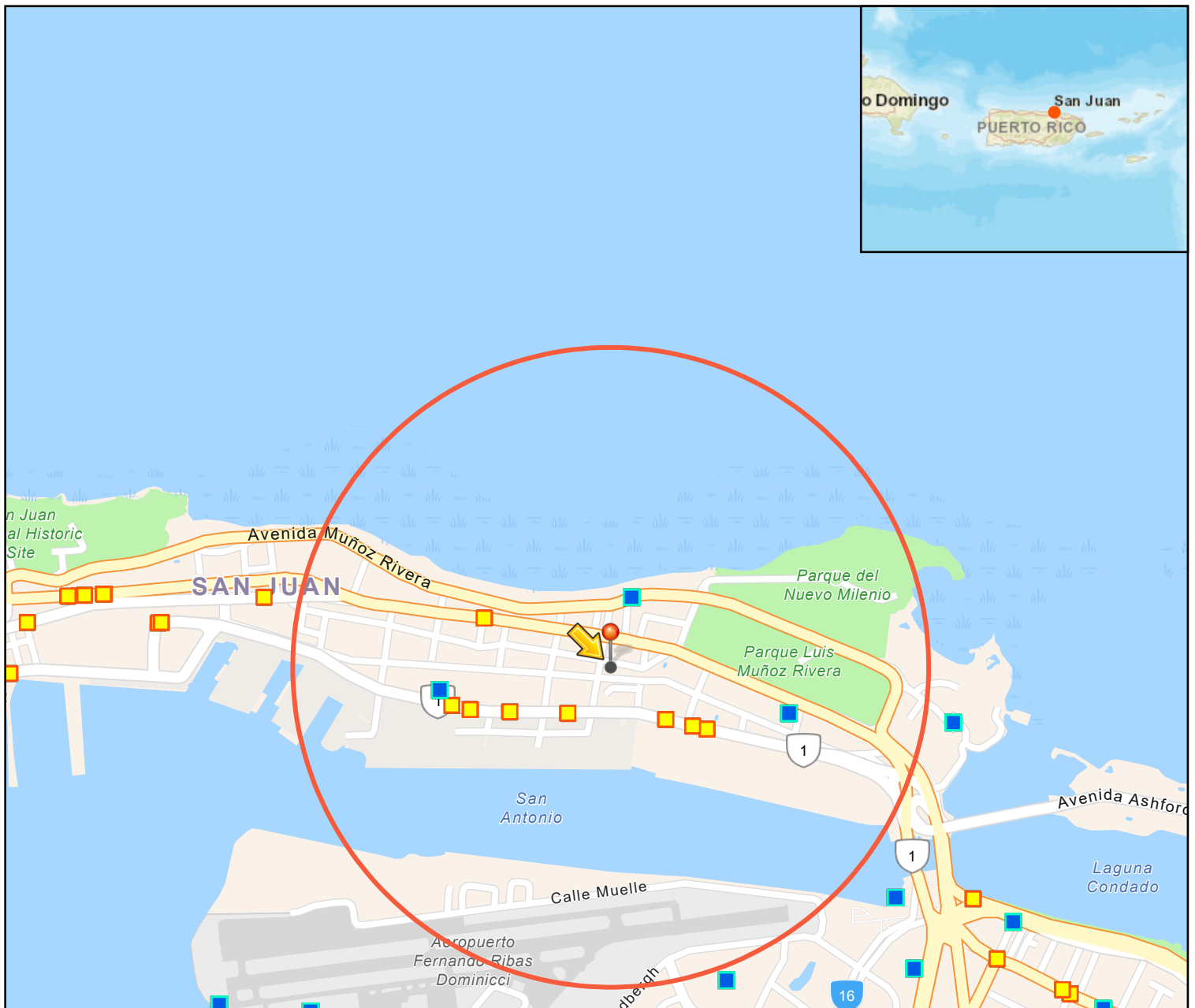


Sole Source Aquifers

EPA



PR-SBF-04490-E-Re-evaluation Toxics

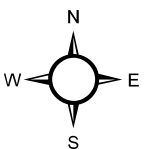


Legend

- Toxic Substances Control Act
- Brownfields
- Hazardous waste
- Air pollution
- Water dischargers
- Toxic releases
- Superfund

<https://ejscreen.epa.gov/mapper/>

0 0.17 0.35 0.7 mi



Envirofacts Facility Locations

EPA



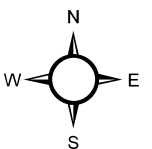
PR-SBF-04490-E-Re-evaluation W & S Rivers



Legend

— Wild and Scenic River Lines

0 2.75 5.5 11 mi

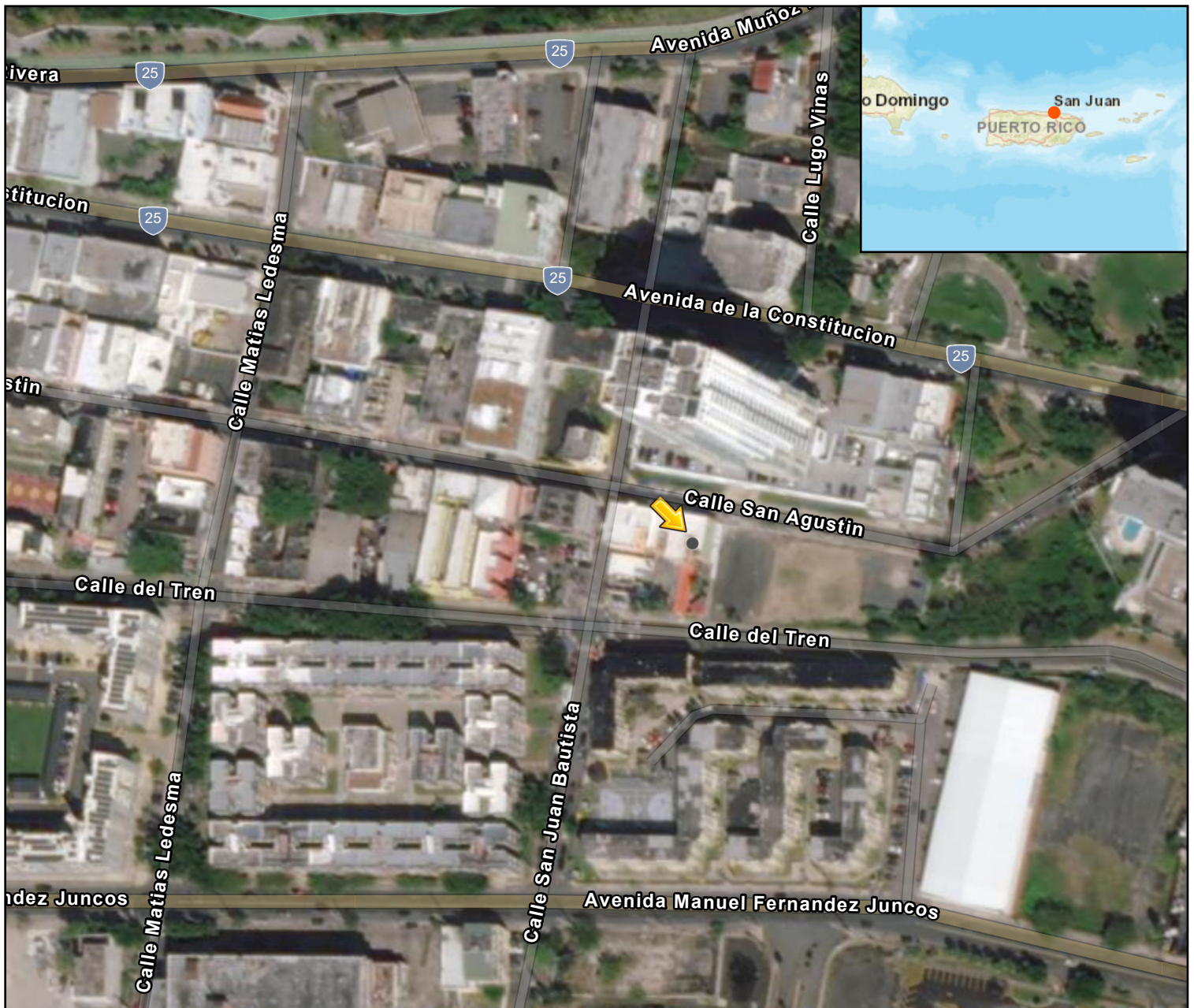


National Wild and Scenic River System

National Park Service



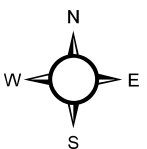
PR-SBF-04490-E-Re-evaluation Wetlands



Legend

Estuarine and Marine Wetland

0 0.02 0.04 0.08 mi

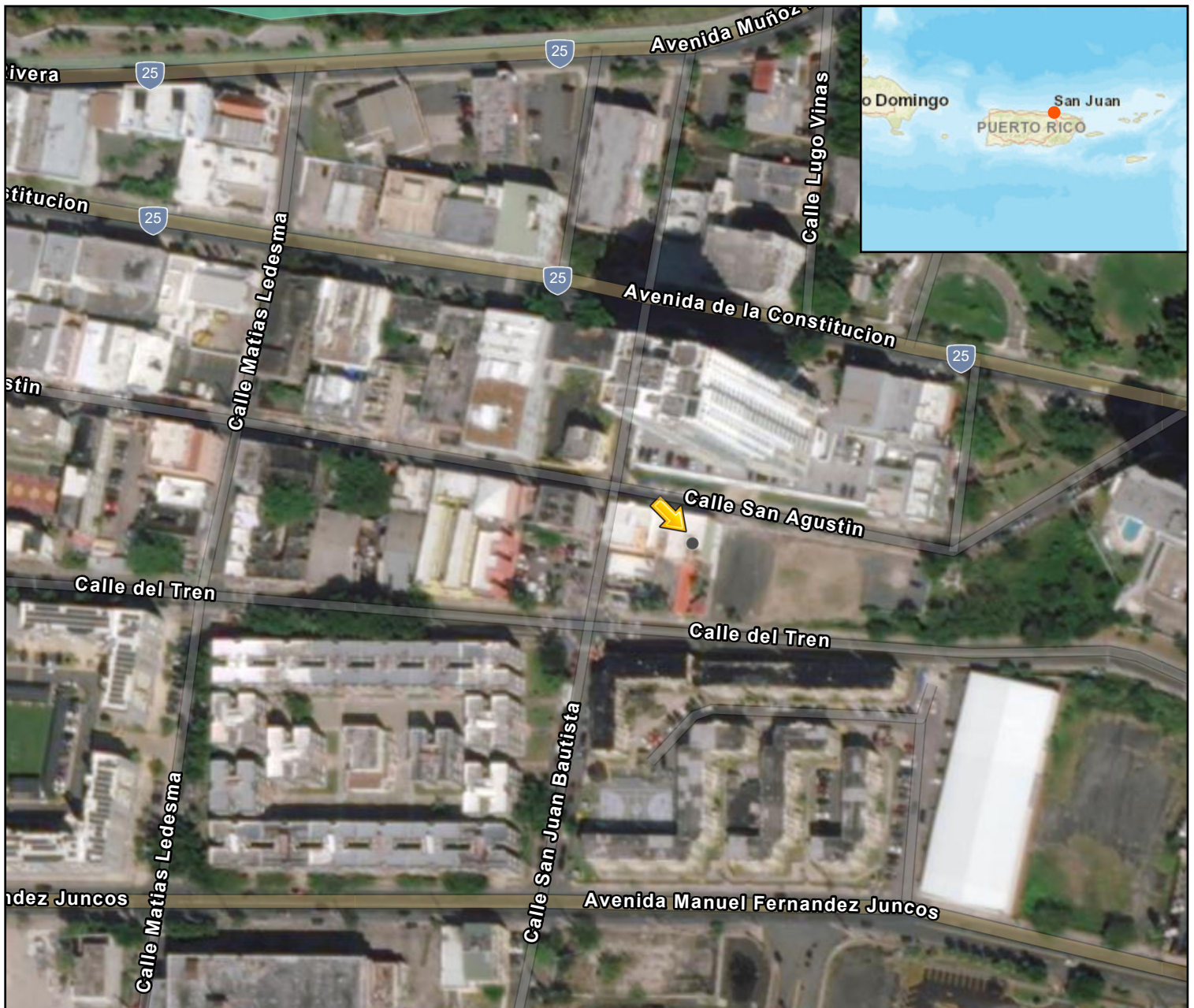


National Wetlands Inventory

U.S. Fish and Wildlife Service



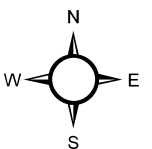
PR-SBF-04490-E-Re-evaluation Wetlands



Legend

Estuarine and Marine Wetland

0 0.02 0.04 0.08 mi



National Wetlands Inventory

U.S. Fish and Wildlife Service