



**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-RGRW-03684-W-RE

HEROS Number: 900000010393960

Start Date: 04/22/2024

State / Local Identifier:

Project Location: , Toa Alta, PR 00953

Additional Location Information:

Location coordinates: Latitude 18.369254, longitude 66.273584 at the address given above. Cadastral: 111-000-004-77-000

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

This project (PR-RGRW-03684-W-RE) entails the award of a grant to Pablo Juarbe Carrion, an agricultural business, at PR 165, interseccion PR-823, Km 1.2 (Int.), Sector Jalda Arriba, Bo. Quebrada Arenas, Toa Alta, PR 00953. Tax ID Number: 111-000-004-77-000. Coordinates (18.369254 -66.273584). This project had an original CENST review which included the purchase of farm equipment including aloop handler, a brush mower, a chain saw loop, gatorline trimmer line, a chain saw, an auger drill, a tiller, a 25" loop chain, a pole pruner, an auger, and beekeeping equipment, including a 25-gallon storage tank with a lid, a filter, and an 83-gallon packaging tank with a lid for project cost of \$27,541.95. See attached CENST environmental review. This review includes a scope item previously considered as an EA level of review (agricultural infrastructure equipment that will be used to expand an existing warehouse by greater than 20%) which is now evaluated as CEST level of review in accordance with FR-6492-N-01 with a project cost of \$11,614.03. The proposed activities consist of the purchase of agricultural infrastructure for the expansion of an existing storage building. The agricultural infrastructure includes four 3' x 3' posts for roof support, a galvalume roof frame, frame preparation, 7 galvalume sheets, installation of 3 windows and a door and 14 slotted panels. The storage expansion will require ground disturbance. The existing structure measures 20' x 20' and the extension will be another 20 feet to the northeast. The posts supporting the new roof will be anchored to a depth of 1.5 feet. The cement floor of the current structure will be extended to match the size of the new extension, also at a depth of 1.5 feet. The applicant will cover the cost of the cement floor. It will not be necessary to install new connections for water or electricity. The extension of the structure will be for storage purposes of apiary equipment. Based on a review of historical aerial imagery, the general area has been used for beekeeping purposes for over the past 20 years. The project Pablo Juarbe Carrion, PR-RGRW-03684-W-RE has been evaluated in accordance with FR-6492-N-01. The activities identified CE: #7 - 7. 7 CFR 799.32(e) (2) (iii): Construction of a new farm storage facility. HUD Level of Review: CEST. Potential

application to HUD activities: Construction of a new farm storage facility with ground disturbance has been classified as CEST under the waiver.

Level of Environment Review Determination:

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

Estimated Total HUD Funded Amount: \$11,614.03

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$11,614.03

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

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
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<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: *Ianmario Heredia* Date: May.8.2025

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

Responsible Entity Agency Official Signature: *[Signature]* Date: 5/29/2025

Name/ Title: _____

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).

**Environmental Review
for Activity/Project that is Exempt or
Categorically Excluded Not Subject to Section 58.5
Pursuant to 24 CFR 58.34(a) and 58.35(b)**

Project Information

Project Name: PR-RGRW-03684-(Split-ERR)

HEROS Number: 900000010393960

Responsible Entity (RE): Department of Housing - Puerto Rico, P.O. Box 21365 San Juan PR,
00928

State / Local Identifier:

RE Preparer: Priscilla Toro

Grant Recipient (if different than Responsible Entity):

Point of Contact:

Consultant (if applicable): Horne LLP

Point of Contact: Jaci Fitzmorris

Project Location: , Toa Alta, PR 00953

Additional Location Information:

Location centroid: Latitude 18.36924, longitude -66.273586 at the address given above. Cadastral: 111-000-004-77-000

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

The project business is Pablo Juarbe Carrion located at PR-823, Km 1, Km 2 (Int), Bo Quebrada Arenas, Sector Jalda Arriba, Toa Alta, PR 00953. The project includes the purchase of farm equipment including a loop handler, a brush mower, a chain saw loop, gatorline trimmer line, a chain saw, an auger drill, a tiller, a 25" loop chain, a pole pruner, an auger, and beekeeping equipment, including a 25-gallon storage tank with a lid, a filter, and an 83-gallon packaging tank with a lid. The remaining scope items requested by the applicant (agricultural infrastructure equipment that will be used to expand an existing warehouse by greater than 20%) will be completed as an EA level of environmental review. The scope amount on this review does not include the EA scope of work.

[PR-RGRW-03684 Site Map.pdf](#)
[PR-RGRW-03684 Scope.pdf](#)

Level of Environmental Review Determination:

Activity / Project is Categorically Excluded Not Subject to per 24 CFR 58.35(b):
 58.35(b)(4)

Signature Page

[03684-SIG-PAGE.pdf](#)

Funding Information

Grant / Project Identification Number	HUD Program	Program Name	Funding Amount
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

Estimated Total HUD Funded, Assisted or Insured Amount: \$27,541.95

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$27,541.95

Compliance with 24 CFR §50.4 & §58.6 Laws and Authorities

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4 & §58.6	Are formal compliance steps or mitigation required?	Compliance determination (See Appendix A for source determinations)
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.6		
Airport Runway Clear Zones and Clear Zones 24 CFR part 51	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The nearest airport RPZ/CZ is approximately 63,284.3 feet away. Based on the project description the

<p>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4 & §58.6</p>	<p>Are formal compliance steps or mitigation required?</p>	<p>Compliance determination (See Appendix A for source determinations)</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.6</p>		
		<p>project includes no activities that would require further evaluation under this section. The project is in compliance with Airport Runway Clear Zone requirements.</p>
<p>Coastal Barrier Resources Act Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project is not located in a CBRS Unit. It is at 44,644.7 feet from a protected area. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.</p>
<p>Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Flood Map Number 72000C0685H, effective on 4/19/2005: Based on the project description the project includes no activities that would require further evaluation under this section. The project does not require flood insurance or is excepted from flood insurance. While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). The project is in compliance with Flood Insurance requirements.</p>

Mitigation Measures and Conditions [CFR 40 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	Mitigation Plan	Complete
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Project Mitigation Plan

Mitigation measures are not required

Supporting documentation on completed measures

APPENDIX A: Related Federal Laws and Authorities

Airport Runway Clear Zones

General policy	Legislation	Regulation
It is HUD's policy to apply standards to prevent incompatible development around civil airports and military airfields.		24 CFR Part 51 Subpart D

1. **Does the project involve the sale or acquisition of developed property?**

No

Based on the response, the review is in compliance with this section.

Yes

Compliance Determination

The nearest airport RPZ/CZ is approximately 63,284.3 feet away. Based on the project description the project includes no activities that would require further evaluation under this section. The project is in compliance with Airport Runway Clear Zone requirements.

Supporting documentation

[PR-RGRW-03684 Airport.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Coastal Barrier Resources

General requirements	Legislation	Regulation
HUD financial assistance may not be used for most activities in units of the Coastal Barrier Resources System (CBRS). See 16 USC 3504 for limitations on federal expenditures affecting the CBRS.	Coastal Barrier Resources Act (CBRA) of 1982, as amended by the Coastal Barrier Improvement Act of 1990 (16 USC 3501)	

1. Is the project located in a CBRS Unit?

✓ No

Document and upload map and documentation below.

Yes

Screen Summary**Compliance Determination**

This project is not located in a CBRS Unit. It is at 44,644.7 feet from a protected area. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.

Supporting documentation

[PR-RGRW-03684 CBRS.pdf](#)

Are formal compliance steps or mitigation required?

✓ Yes
No

Flood Insurance

General requirements	Legislation	Regulation
Certain types of federal financial assistance may not be used in floodplains unless the community participates in National Flood Insurance Program and flood insurance is both obtained and maintained.	Flood Disaster Protection Act of 1973 as amended (42 USC 4001-4128)	24 CFR 50.4(b)(1) and 24 CFR 58.6(a) and (b); 24 CFR 55.1(b).

1. Does this project involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property?

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

Based on the response, the review is in compliance with this section.

Yes

4. While flood insurance is not mandatory for this project, HUD strongly recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). Will flood insurance be required as a mitigation measure or condition?

Yes

✓ No

Screen Summary

Compliance Determination

Flood Map Number 72000C0685H, effective on 4/19/2005: Based on the project description the project includes no activities that would require further evaluation under this section. The project does not require flood insurance or is excepted from flood insurance. While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). The project is in compliance with Flood Insurance requirements.

Supporting documentation

[PR-RGRW-03684 Flood Map.pdf](#)

Are formal compliance steps or mitigation required?

Yes

✓ No



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 Washington, DC 20410
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**Environmental Review
 for Activity/Project that is Exempt or
 Categorically Excluded Not Subject to Section 58.5
 Pursuant to 24 CFR 58.34(a) and 58.35(b)**

Project Information

Project Name: PR-RGRW-03684-(Split-ERR)

HEROS Number: 900000010393960

State / Local Identifier:

Project Location: , Toa Alta, PR 00953

Additional Location Information:

Location centroid: Latitude 18.36924, longitude -66.273586 at the address given above. Cadastral: 111-000-004-77-000

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

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Level of Environmental Review Determination:

Activity / Project is Categorically Excluded Not Subject to per 24 CFR 58.35(b):
 58.35(b)(4)

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: \$27,541.95

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$27,541.95

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
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Preparer Signature: _____  _____ Date: 4/29/2024

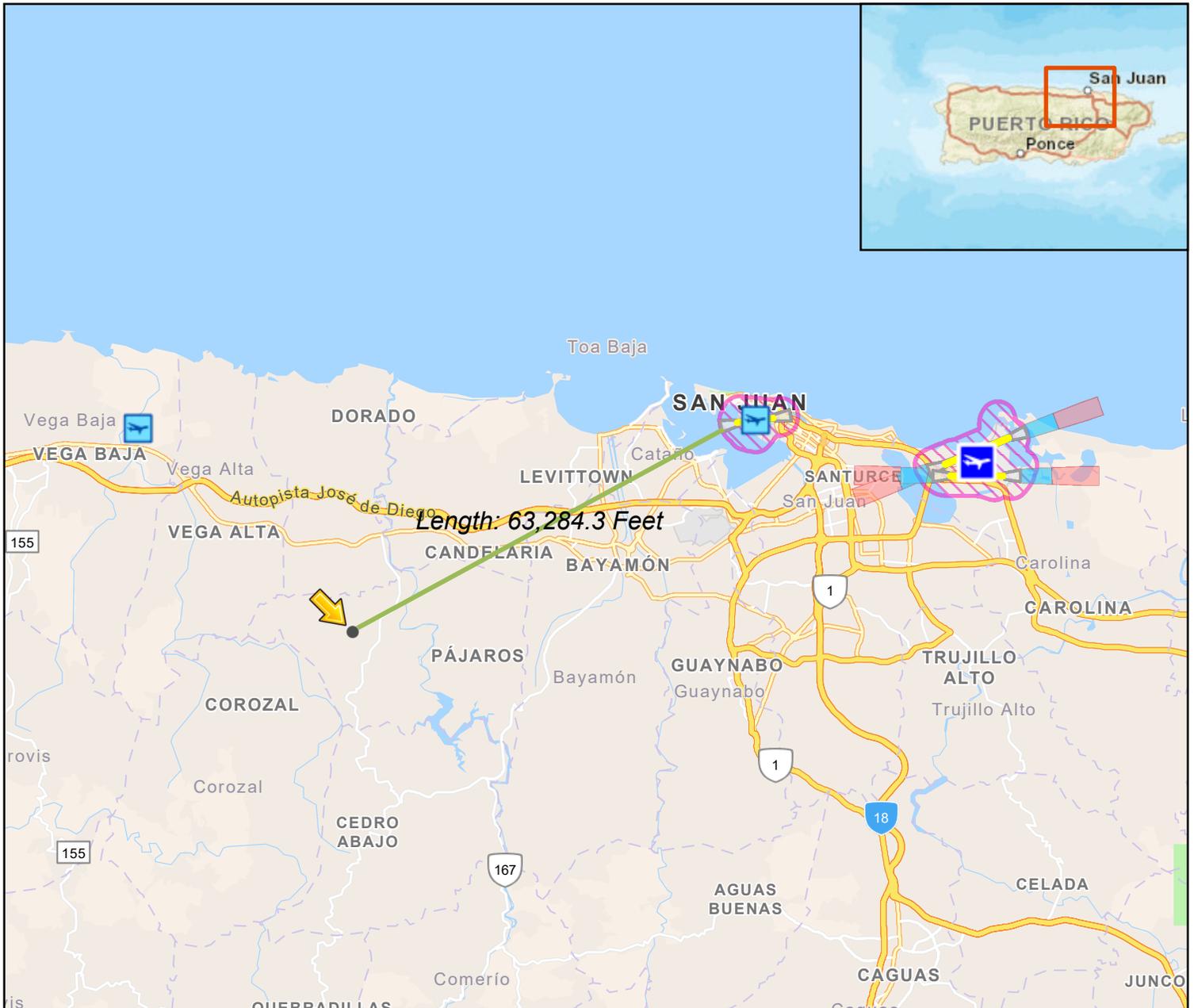
Name / Title / Organization: Priscilla Toro / / Department of Housing - Puerto Rico

Responsible Entity Agency Official Signature: _____ Date: _____

Name/ Title: _____

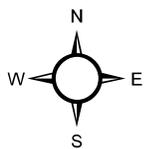
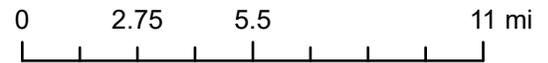
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PR-RGRW-03684 Airport



Legend

- Civilian Airports 2,500ft Buffer
- Military Accident Potential Zones APZ 2
- Military Accident Potential Zones APZ 1
- Runway Protection Zones
- Airport Runways
- Major
- Minor Airport



Runway Protection Zones

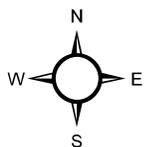
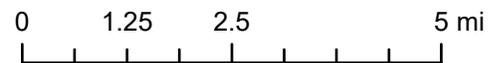
Major Civil and Military Airports

PR-RGRW-03684 CBRS



Legend

 Otherwise Protected Area



U.S. Fish and Wildlife Service

Coastal Barrier Resources Act Program

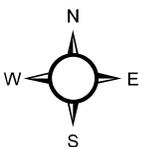
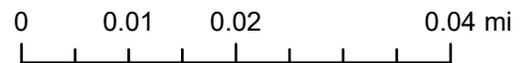
PR-RGRW-03684 Flood Map



Legend

FEMA Flood Zones - Effective

-  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
-  X, Area of Minimal Flood Hazard
-  FEMA Flood Zone Panel



FEMA Map Service

Flood Insurance Rate Maps



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Bayamón | Mayagüez | Maricao | Río Grande | St Croix
P.O. Box 491
Boquerón, Puerto Rico 00622



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:

On January 14, 2013, the U.S. Fish and Wildlife Service (USFWS) in coordination with the U.S. Department of Housing and Urban Development (HUD), signed the Blanket Clearance Letter (BCL) to expedite the consultation process, for federally sponsored projects. On March 20, 2025, the USFWS and the Puerto Rico Department of Housing (PRDOH) acting as the responsible entity designated by HUD decided to review and update the BCL to ensure that new available information regarding the consultation process is included. This letter replaces the January 14, 2013, Blanket Clearance Letter for HUD sponsored projects.

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. 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 reviews development projects to assist Federal agencies on the compliance of the ESA. Since 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 (CESFO) has developed this BCL to cover for activities and projects that typically result in no adverse effects to federally-listed species under our jurisdiction. The proposed project criteria discussed below are subject to the following conditions:

1. The project is located within an urban or developed area.
 - An urban or developed area is defined as an area that has one or more of the following characteristics:
 - Presence of existing buildings, residential areas, and commercial establishments.
 - Well-established infrastructure including roads, utilities, and urban facilities.
 - High population density.
 - Established neighborhood and urban amenities (“urbanizaciones”).
 - Developed landscape with paved surfaces, parking lots, and industrial areas.
 - Signs of human activity and urbanization, such as shopping centers and recreational facilities.
 - Location within the boundaries of a city or town ("casco urbano").
 - High concentration of built-up structures and limited open spaces.
 - Aerial imagery might be requested to the applicant¹.
2. If the project is located in a rural area, and the project is located within a disturbed area that does not require additional clearing of forested (trees) areas.
3. The project is not located within (or adjacent to) drainages, rivers, streams, wetlands, aquatic systems, or coastal areas.
4. If the project is located in a rural area, and the project is not located immediately adjacent to forested areas (e.g., rock walls and haystack hills (“mogotes”); wet montane forest; lowland wet forest; remnant coastal; mangrove forest; damp and dry limestone karst forests; pastureland with patches of exotic trees²).
5. The lighting associated to the facilities is not visible directly or indirectly from the shoreline or beach area.

Proposed projects that **do not** meet the above conditions **Do Not Qualify** for review under the Blanket Clearance Letter developed for compliance with Section 7 of the Endangered Species Act.

¹ This is the definition used by the USFWS in IPaC.

¹ *Ibid.*

Project Criteria:

1. Activities related to the resurfacing existing streets or roads; maintenance of existing upland gabion or reinforced concrete retention walls; construction, reconstruction or repair of gutters and sidewalks along existing roads.
2. Repair, replace, improve, reconstruct and/or rehabilitate facilities in already established public transportation systems (Signs, sidewalks and ramps, bus stops and existing routes).
3. Repair, replace, improve, reconstruct, rehabilitate and/or expanding existing public transportation facilities located in urban or developed areas.
4. Construction of new facilities for public transportation systems (e.g. School bus stops, city buses, trolleybuses, public car stops, Public car terminal) in urban or developed areas.
5. Repair, replace, improve, reconstruct, or rehabilitate existing bridges or rip-rap. (follow FWS rip-rap guidance for design).
6. Reconstruction, or emergency repairs, of existing structures, including but not limited to buildings, facilities and homes.
7. Demolition of dilapidated single-family homes or buildings.
8. Rebuilding of demolished single-family homes or buildings.
9. Retrofitting existing buildings.
10. Construction of residential and/or commercial facilities.
11. Construction, repair, replace, improve, reconstruct, and/or rehabilitate recreational facilities.
12. Addition of concrete pads to the existing footprint of a residential and/or commercial structure, provided that the resulting addition is less than 20% of the size of the existing structure.
13. Improvement or renovations to existing structures (exterior and interior) renovations resulting in an exterior increase greater than 20%.
14. Improvements or renovations to existing structures (exterior and interior renovations) resulting in an exterior increase of less than 20%.
15. Acquisition of residential and/or commercial properties in urban or developed areas for the relocation of families and/or activities.
16. Construction, reconstruction, rehabilitation and/or expansion of cemeteries.

17. Installation/drilling of new water well and associated utility infrastructure, either above ground or underground.
18. Establishment of power facilities, including but not limited to associated aboveground and/or underground infrastructure.
19. Construction of electrical system infrastructure and associated components, including but not limited to associated aboveground and/or underground infrastructure.
20. Construction of land based small electric generating facilities, including those fueled with wind, sun, or biomass, capable of producing no more than 10 MW. *
21. Activities within existing Right of Ways (ROWs) related to water and sanitary infrastructure; communication infrastructure; roads, bridges and highways without the removal of native vegetation and/or major earth movement.
22. Construction of rooftop or urban telecommunications systems and associated components, including but not limited to associated aboveground and/or underground infrastructure.
23. Establishment of temporary debris storage (TDS) facilities.
24. Establishment and/or closure of solid waste management facilities. But not new landfills.
25. Installation of water storage systems (cisterns) and associated infrastructure, either above ground or underground, including but not limited to installations on existing or new concrete pads, or existing or new roofs.
26. Installation of solar panels, battery storage systems and/or associated utility infrastructure, either above ground or underground, on existing or new concrete pads, existing or new roofs, ground or pole mounted.
27. Installation of generators on existing or new concrete slabs, and associated utility infrastructure, either above ground or underground.
28. Repair of existing agricultural structures including but not limited to greenhouses, warehouses, canopies, fences, corrals, and shade structures with less than 20% expansion of footprint.
29. New construction of agricultural structures in established farms including but not limited to greenhouses, warehouses, canopies, fences, corrals, and shade structures with or without underground and/or aboveground infrastructure utility connections.
30. Construction of fences, cattle corrals, concrete slabs.
31. Installation of storage containers on new concrete slab.

32. New construction or work which expands the footprint of an existing structure and occurs entirely on disturbed, regularly maintained, upland property, including the staging of equipment.

*Comply with USFWS wind energy guidelines if more than one wind turbine, consider painting one blade black to help birds see the blades. <https://www.fws.gov/media/land-based-wind-energy-guidelines>

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.

For all projects, HUD and its funded partners (municipalities) are expected to implement Best Management Practices to enhance the conservation of our trust resources (i.e.; listed species, wetlands, aquatic habitats, migratory birds and marine mammals) and avoid impacts from project development to aquatic habitat such as erosion and stream sedimentation. The Service provides the following recommendations that have proven to help achieve this effort.

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 capture 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 controls 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.

For a detailed guide to water crossing structures, the Service developed a detailed guide to water crossing structures for regulatory review by permitting agencies, protect damaged structures, reduce future damages, and prevent or minimize damage to natural resources. The document is titled "Guidance for Repair, Replacement, and Clean-up Projects in Streams and Waterways of Puerto Rico and U.S. Virgin Islands" and is available at:

<https://www.fws.gov/media/guidance-repair-replacement-and-clean-structures-streams-and-waterways-puerto-rico-and-us>

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 designated critical habitat may be affected.
4. Lack of compliance with criteria in this BCL.

To obtain additional information on threatened and endangered species, you may visit our website <https://www.fws.gov/office/caribbean-ecological-services> where you will also find the Map of the Species by Municipality and the Map of Critical Habitat. 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

The USFWS has also developed a web based tool called the Information for Planning and Consultation (IPaC). Please visit <https://ipac.ecosphere.fws.gov/> 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. Best management practices or conservation measures are available at the site for some species, but we expect the site to continue growing in its offering.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect and enhance fish, wildlife, and plants and their habitats for the continuing benefit of our people. 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. If you have any additional questions regarding this BCL, please do not hesitate to contact us at (786) 244-0081 or via email at caribbean_es@fws.gov.

Sincerely,

LOURDES
MENA

Digitally signed by
LOURDES MENA
Date: 2025.04.24
09:11:24 -04'00'

Lourdes Mena
Field Supervisor

[Federal Register Volume 89, Number 232 (Tuesday, December 3, 2024)]

[Notices]

[Pages 95810-95812]

From the Federal Register Online via the Government Publishing Office [www.gpo.gov]

[FR Doc No: 2024-28293]

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

[Docket No. FR-6492-N-01]

Notice of Adoption of U.S. Department of Agriculture Farm Service
Agency Categorical Exclusions Pursuant to Section 109 of the National
Environmental Policy Act

AGENCY: Office of the Secretary, HUD.

ACTION: Notice.

SUMMARY: HUD has identified categorical exclusions (CEs) to the
National Environmental Policy Act (NEPA) established by the U.S.
Department of Agriculture--Farm Service Agency (USDA-FSA) that cover
categories of actions that HUD proposes to adopt. This notice
identifies the USDA-FSA CEs and HUD's categories of proposed actions
for which it intends to use USDA-FSA's CEs and describes the
consultation between the agencies.

DATES: This action is effective upon publication.

FOR FURTHER INFORMATION CONTACT: Lauren Hayes Knutson, Environmental
Planning Division Director, Office of Environment and Energy, U.S.
Department of Housing and Urban Development, 451 7th Street SW, Room
7282, Washington, DC 20410-5000; telephone 202-402-4270 (this is not a
toll-free number); email EnvironmentalPlanningDivision@hud.gov. HUD
welcomes and is prepared to receive calls from individuals who are deaf
or hard of hearing, as well as individuals with speech and
communication disabilities. To learn more about how to make an
accessible telephone call, please visit <https://www.fcc.gov/consumers/guides/telecommunications-relay-service-trs>.

SUPPLEMENTARY INFORMATION:

I. Background

National Environmental Policy Act and Categorical Exclusions

Congress enacted the National Environmental Policy Act, 42 U.S.C.
4321-4347, (NEPA) in order to encourage productive and enjoyable
harmony between humans and the environment, recognizing the profound
impact of human activity and the critical importance of restoring and
maintaining environmental quality to the overall welfare of humankind.
42 U.S.C. 4321, 4331. NEPA seeks to ensure that agencies consider the
environmental effects of their proposed major actions in their
decision-making processes and inform and involve the public in that
process. NEPA created the

[[Page 95811]]

Council on Environmental Quality (CEQ), which promulgated NEPA
implementing regulations, 40 CFR parts 1500 through 1508 (CEQ
regulations).

To comply with NEPA, agencies determine the appropriate level of
review for any major Federal action--an environmental impact statement
(EIS), environmental assessment (EA), or categorical exclusion (CE). 40
CFR 1501.3. If a proposed action is likely to have significant
environmental effects, the agency must prepare an EIS and document its
decision in a record of decision. 40 CFR part 1502, 1505.2. If the
proposed action is not likely to have significant environmental effects

or the effects are unknown, the agency may instead prepare an EA, which involves a more concise analysis and process than does an EIS. 40 CFR 1501.5. Following the EA, the agency may conclude that the action will have no significant effects and document that conclusion in a finding of no significant impact. 40 CFR 1501.6. If the analysis concludes that the action is likely to have significant effects, however, then an EIS is required.

Under NEPA and the CEQ regulations, a Federal agency also can establish CEs--categories of actions that the agency has determined normally do not significantly affect the quality of the human environment--in their agency NEPA procedures. 42 U.S.C. 4336e(1); 40 CFR 1501.4, 1507.3(e)(2)(ii), 1508.1(d). If an agency determines that a CE covers a proposed action, it then evaluates the proposed action for extraordinary circumstances in which a normally excluded action may have a significant effect. 40 CFR 1501.4(b). If no extraordinary circumstances are present, the agency may apply the CE to the proposed action without preparing an EA or EIS. 42 U.S.C. 4336(a)(2), 40 CFR 1501.4. If extraordinary circumstances are present, the agency nevertheless may still categorically exclude the proposed action if it determines that there are circumstances that lessen the impacts or other conditions sufficient to avoid significant effects.

Section 109 of NEPA, enacted as part of the Fiscal Responsibility Act of 2023, allows a Federal agency to ``adopt'' another Federal agency's CEs for proposed actions. 42 U.S.C. 4336c. To use another agency's CEs under section 109, the borrowing agency must identify the relevant CE listed in another agency's (``establishing agency'') NEPA procedures that covers the borrowing agency's category of proposed actions or related actions; consult with the establishing agency to ensure that the proposed adoption of the CE for a category of actions is appropriate; identify to the public the CE that the borrowing agency plans to use for its proposed actions; and document adoption of the CE. 42 U.S.C. 4336c. HUD has prepared this notice to meet these statutory requirements.

HUD Programs

For many HUD programs, HUD is authorized by statute to allow Responsible Entities (REs), typically states, units of general local government, and tribes, to assume responsibility to conduct NEPA reviews under HUD regulations at 24 CFR part 58. For other HUD programs, HUD performs the environmental review under 24 CFR part 50. HUD intends to apply these categorical exclusions to reviews conducted under both parts 50 and 58.

Both parts 50 and 58, as well as 24 CFR part 51, contain additional environmental requirements that certain HUD projects must comply with. Proposed actions that are categorically excluded from NEPA but still subject to these requirements are known as ``Categorically Excluded Subject to'' the requirements listed in 24 CFR 58.5 and 50.4 (CEST), and proposed actions that are categorically excluded from NEPA but not subject to these requirements are known as ``Categorically Excluded Not Subject to'' the requirements listed in Sec. Sec. 58.5 and 50.4 (CENST). HUD has evaluated the identified USDA-FSA CEs and has designated each as CENST or CEST in Section II. USDA-FSA Categorical Exclusions.

HUD Regulatory Limitations on Adopting CEs

HUD's regulations at 24 CFR 58.36 and 50.17 limit HUD's ability to utilize adopted categorical exclusions without a waiver. This notice will not go into effect until 58.36 and 50.17 are amended or until a waiver of these regulations is issued.

II. USDA-FSA Categorical Exclusions

HUD has identified the following CEs listed in USDA-FSA regulation, 7 CFR part 799 Subpart D--Categorical Exclusions, for adoption. Under each CE, HUD has described categories of proposed actions for which HUD, under part 50, or an RE, under part 58, may use the CE and if the activity will be evaluated as CENST or CEST. The list of categories comprises the proposed actions for which HUD contemplates using the CEs at this time, primarily in support of agricultural activities funded with HUD's Community Development Block Grant--Disaster Recovery (CDBG-

DR) program. However, HUD may expand the use of the CEs identified below to other substantially similar agricultural activities, where appropriate.

1. 7 CFR 799.31(b)(2)(i): Existing fence repair.

HUD Level of Review: CENST.

Potential application to HUD activities:

Repair, improvement, or minor modification of existing fences.

2. 7 CFR 799.31(b)(2)(ii): Improvement or repair of farm-related structures under 50 years of age.

HUD Level of Review: CENST.

Potential application to HUD activities:

Repair, improvements, or minor modifications of farm-related structures under 50 years of age.

3. 7 CFR 799.32(d)(2)(i): Minor construction, such as a small addition.

HUD Level of Review: CENST.

Potential application to HUD activities:

Minor construction, such as a small addition, without ground disturbance, of agricultural related structures.

4. 7 CFR 799.32(d)(2)(iv): Grading, leveling, shaping, and filling.

HUD Level of Review: CENST.

Potential application to HUD activities:

Grading, leveling, shaping, and filling occurring specifically in areas with previous ground disturbance, soils that are not likely to possess intact and distinct soil horizons and have the reduced likelihood of possessing historic properties with their original depositional contexts in the area and to the depth to be excavated, also referred to as the plow zone.

5. 7 CFR 799.32(d)(2)(xiii): Trough or tank installation.

HUD Level of Review: CENST.

Potential application to HUD activities:

Agricultural water trough or tank installation without ground disturbance.

6. 7 CFR 799.32(d)(3)(i): Fence installation and replacement.

HUD Level of Review: CENST.

Potential application to HUD activities:

Fence installation and replacement that support agricultural needs, without ground disturbance.

7. 7 CFR 799.32(e)(2)(iii): Construction of a new farm storage facility.

HUD Level of Review: CEST.

Potential application to HUD activities:

Construction of a new farm storage facility with ground disturbance.

8. 7 CFR 799.32(e)(2)(xi): Grading, leveling, shaping, and filling in areas or to depths not previously disturbed.

[[Page 95812]]

HUD Level of Review: CEST.

Potential application to HUD activities:

Grading, leveling, shaping, and filling in areas or to depths not previously disturbed for agricultural efforts.

9. 7 CFR 799.32(e)(2)(xiv): Land smoothing.

HUD Level of Review: CEST.

Potential application to HUD activities:

Land smoothing for agricultural needs.

10. 7 CFR 799.32(e)(2)(xxvii): Watering tank or trough installation, if in areas not previously disturbed.

HUD Level of Review: CEST.

Potential application to HUD activities:

Agricultural watering tank or trough installation that includes new ground disturbance.

11. 7 CFR 799.32(e)(2)(xxviii): Wells.

HUD Level of Review: CEST.

Potential application to HUD activities:

Well installation and repairs for agricultural needs, with ground disturbance.

III. Consideration of Extraordinary Circumstances

When applying the adopted CEs, HUD or the RE will evaluate the proposed action to ensure evaluation of integral elements listed above. In addition, in considering extraordinary circumstances, HUD will consider whether the proposed action has the potential to result in significant effects as described in USDA-FSA's extraordinary circumstances listed at 7 CFR 799.33. USDA-FSA defines extraordinary circumstances in which a normally categorically excluded action may have a significant environmental effect, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; a proposed action connected to other actions with potential impacts; a proposed action that is related to other proposed actions with cumulative impacts; proposed actions that do not comply with 40 CFR 1506.1 Limitations on actions during the NEPA process; and/or contains violations of any existing Federal, State, or local government law, policy, or requirements.

IV. Consultation With USDA-FSA and Determination of Appropriateness

HUD and USDA-FSA began consultation in December 2023 to identify USA-FSA CEs that could apply to HUD proposed agricultural actions. This consultation included a review of USDA-FSA's experience developing and applying the CEs and the types of actions for which HUD plans to utilize the CEs. Based on this consultation and review, HUD has determined that the types of agricultural projects it intends to undertake are substantially similar to such projects for which USDA-FSA has applied the CE. Accordingly, the impacts of HUD projects will be substantially similar to the impacts of USDA-FSA projects, which are not significant, absent the existence of extraordinary circumstances. Therefore, HUD has determined that its proposed use of the agricultural-related CEs, as described within this notice, would be appropriate.

V. Conclusion

This notice documents adoption of the USDA-FSA CEs listed above in accordance with 42 U.S.C. 4336c(4), and they will be available for use by HUD and REs effective either upon amendment of 24 CFR 58.36 and 50.17 or upon issuance of a waiver of these regulations.

Marion McFadden,
Principal Deputy Assistant Secretary for Community Planning and
Development, Office of Community Planning and Development.
[FR Doc. 2024-28293 Filed 12-2-24; 8:45 am]
BILLING CODE 4210-67-P

IPaC resource list

This
has
(US

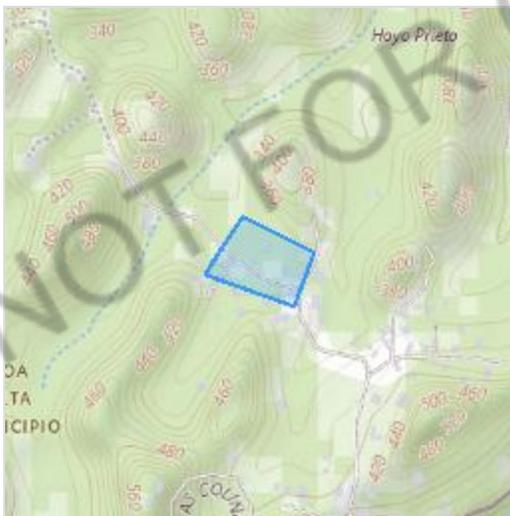
Migratory bird information is currently unavailable. We are aware of the problem and working on a solution. In the meantime, you can obtain similar project-specific bird occurrence results using the [AKN RAIL tool](#).

below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

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

Location

Toa Alta County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (939) 320-3135

📠 (787) 851-7440

✉ CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Office Park I

State Road #2 Km 156.5, Suite 303}

Mayaguez, PR 00680

NOT FOR CONSULTATION

Endangered species

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

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

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

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

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

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

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

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

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

Reptiles

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

Critical habitats

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

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>

- Nationwide avoidance and minimization measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Bald and Golden Eagle information is not available at this time

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior [authorization](#) by the Department of Interior U.S. Fish and Wildlife Service (FWS). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The FWS interprets the MBTA to prohibit incidental take.

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

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds

- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Migratory bird information is not available at this time

Migratory Bird FAQs

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

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

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

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

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

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

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

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

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

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

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

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

Proper interpretation and use of your migratory bird report

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

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

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

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

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

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

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

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

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

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

Data exclusions

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

Data precautions

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



OFFICE OF COMMUNITY PLANNING
AND DEVELOPMENT

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-7000

MEMORANDUM FOR: Marion M. McFadden, Principal Deputy Assistant Secretary
for Community Planning and Development, D

THROUGH: Kera Package, Deputy Assistant Secretary **KERA PACKAGE** Digitally signed by KERA PACKAGE
for Grant Programs, DG Date: 2024.12.23 16:58:00 -05'00'

FROM: Kristin Fontenot, Director, Office of Environment and Energy, DGE
KRISTIN FONTENOT Digitally signed by KRISTIN FONTENOT
Date: 2024.12.20 14:14:15 -05'00'

SUBJECT: Puerto Rico Department of Housing - ReGrow Puerto Rico Program:
24 CFR 58.36 Waiver to Utilize the U.S. Department of Agriculture,
Farm Service Agency Adopted Categorical Exclusions Identified in
FR-6492-N-01

BACKGROUND:

Pursuant to the waiver authority of §7(q) of the Department of Housing and Urban Development Act (codified at 42 U.S.C. §3535(q)) and 24 CFR § 5.110, I hereby temporarily waive the requirement of 24 CFR § 58.36 as provided in more detail below. This temporary waiver is limited to the Puerto Rico Department of Housing's (PRDOH) agricultural activities under the ReGrow Puerto Rico Program¹ for two (2) years, effective at the execution of the waiver.

The ReGrow Puerto Rico Program is one of the Community Development Block Grant - Disaster Recovery (CDBG-DR) programs supported by PRDOH. This program offers financial assistance to small and medium agricultural businesses and non-governmental organizations engaged in sustainable agricultural activities that contribute to strengthening the agricultural economy since the impacts of Hurricane Irma and Maria. As with all HUD-funded projects, the ReGrow Puerto Rico Program is subject to HUD's environmental review regulations.

Since HUD predominantly supports residential and community development activity, the proposed agricultural projects supported in the ReGrow Puerto Rico Program fall outside the listed activities in 24 CFR 58 Subpart D – Environmental Review Process: Documentation, Range of Activities, Project Aggregation and Classification. As a result, these projects, many with a minimum potential to impact the environment, must be evaluated as an Environmental Assessment (EA) and require additional time and resources to complete compared to lower levels of environmental reviews like a Categorical Exclusion (CE).

This temporary waiver issued to the PRDOH will allow the department to utilize specific CEs identified by the United States Department of Agriculture, Farm Service Agency (USDA-FSA), per 7 CFR 799 Subpart D- Categorical Exclusions, and adopted by HUD in FR-6492-N-01²

¹ <https://cdbg-dr.pr.gov/en/re-grow-pr-urban-rural-agriculture-program/>

² <https://www.federalregister.gov/documents/2024/12/03/2024-28293/notice-of-adoption-of-us-department-of-agriculture-farm-service-agency-categorical-exclusions>

through the Section 109 process of the National Environmental Policy Act (NEPA), enacted as part of the Fiscal Responsibility Act (FRA) of 2023. In total, there are eleven (11) applicable CEs adopted in FR-6492-N-01 that are consistent with ReGrow Puerto Rico's CDBG-DR funded program that can be utilized to document environmental compliance.

The \$172,500 million ReGrow Puerto Rico program contains 2,596 applications. Approximately 200 of the applications require an EA level of review under Part 58 but would be classified as one (1) of the eleven (11) adopted USDA-FSA CEs. These include such activities as minor rehabilitation of agricultural buildings and structures; fence repairs; installation of generators; new construction of agricultural structures for agricultural production and livestock; and farmland management activities. Despite their limited impact, however, they do not meet HUD's categorical exclusions at 24 CFR § 58.34 and 35, because these are not activities HUD typically supports.

Pursuant to 24 CFR § 58.36, Environmental Assessments, "If a project is not exempt or categorically excluded under § 58.34 and 58.35, the responsible entity must prepare an EA..." To date, PRDOH has processed 106 of the 200 identified projects as an EA, with approximately 100 remaining for review. Based on the 106 reviews completed between May 2022 and April 2024, each EA has taken approximately four (4) months to complete, at an average cost of \$13,000. Based on the available data, it will take an equivalent time of two (2) years and \$1.3 million to complete the remaining 100 reviews as EAs. Through this waiver, PRDOH is permitted to utilize the adopted CEs listed in FR-6492-N-01, expediting the environmental reviews process to complete the remaining 100 projects. The use of the adopted CEs will allow PRDOH to process each review within days and at a fraction of the initial cost. This will expedite the agricultural recovery efforts and will preserve the cost savings to address additional disaster recovery efforts.

FINDINGS:

1. Agricultural activities as referenced above, do not meet the criteria of HUD's 24 CFR § 58.35 (a) and (b), and therefore require the completion of an environmental assessment level of review pursuant to 24 CFR § 58.36.
2. An environmental assessment requires additional analysis of environmental factors beyond the related laws and authorities required for a HUD categorical exclusion at 24 CFR § 58.35 (a).
3. Many of the CDBG-DR activities funded through the ReGrow Puerto Rico program are consistent with the USDA-FSA's categorical exclusions.
4. HUD consulted with the USDA-FSA and documented the consultation and their approval of the use of eleven (11) categorical exclusions.
5. Performing environmental assessments has an average cost of \$13,000.
6. HUD adopted USDA-FSA's eleven (11) categorical exclusions through publication in the Federal Register, FR-6492-N-01
7. Upon approval of a temporary waiver of 24 CFR § 58.36, PRDOH will be permitted to utilize the adopted CEs listed in FR-6492-N-01.

DETERMINATIONS:

1. To assist with the timely recovery of the agricultural community, a temporary waiver of 24 CFR § 58.36 must be granted to utilize another agency’s adopted CE through the NEPA Section 109 process, enacted as part of the FRA of 2023.
2. The approval of this temporary waiver is consistent with HUD’s objective to perform an analysis of a project’s impacts to the environment or the environment’s impact on the project.
3. Adopting the USDA-FSA’s categorical exclusions, FR-6492-N-01, ensures that the environmental review will be conducted to a level appropriate to the activity and environmental impact.
4. Pursuant to the authority contained in 24 CFR § 5.110, the above findings constitute good cause for granting the temporary waiver of 24 CFR § 58.36.
5. This temporary waiver shall be effective for two (2) years, upon the date the waiver is issued.

DECISION:

MARION
MCFADDEN



Digitally signed by
MARION MCFADDEN
Date: 2024.12.23 17:06:08
-05'00'

Approve

Disapprove

Date

Comments

PR-RGRW-03684-W-RE Site Photos



Front side of the existing building, looking north.



Left side of the existing storage building, looking southeast.



Back side of the existing storage building, looking southwest. This will be the area for the expansion.



Right side of the existing storage building, looking northwest.



**DEPARTAMENTO DE LA VIVIENDA
PROGRAMA RENACER AGRÍCOLA DE PUERTO RICO –
AGRICULTURA URBANA Y RURAL
FORMULARIO SOBRE USO PREVISTO DE LOS FONDOS**

Yo, Pablo Juarbe, representante autorizado/a para el negocio Pablo Juarbe Carrion, con el Caso Número PR-RGRW-03684 para el Programa Renacer Agrícola de Puerto Rico – Agricultura Urbana y Rural (**Programa Renacer Agrícola**), por la presente reconozco que fondos de subvención por la suma de \$11,614.03 se usarán de conformidad con el uso de fondos descrito a continuación. Además, reconozco que, como parte del proceso de revisión de recibos, el Formulario sobre Uso Previsto de los Fondos será comparado con los recibos recopilados para verificar el cumplimiento con la información provista en dicho formulario.

Item	Equipment Expense Type RGRW	Unmet Need	Initials
INFRAESTRUCTURA AGRICOLA	Farm Infrastructure (Regrow Only)	\$11,614.03	

\$11,614.03
Total de Uso Previsto de los
Fondos

Además, reconozco y entiendo que:

- El incumplimiento con el uso previsto de los fondos descrito en este Formulario podría requerir el pago de los fondos a Departamento de la Vivienda.
- Los fondos del Programa Renacer Agrícola solo pueden ser utilizados para actividades elegibles y el uso permitido de los fondos, según se establece en las Guías del Programa Renacer Agrícola.
- El Formulario sobre Uso Previsto de los Fondos será revisado por el equipo del Programa Renacer Agrícola y, **si es aprobado**, será el formulario oficial que se utilizará durante el proceso de revisión de los recibos.

Pablo Juarbe

04/19/2024

Nombre

Firma

Fecha

MEMORANDUM

Date: February 5, 2025
To: File
From: Puerto Rico Department of Housing
Subject: Reevaluation of the Level of Environmental Review Determination on projects that are impacted by HUD's Temporary Waiver of 24 C.F.R. § 28.36 for the ReGrow Puerto Rico Program to Utilize USDA-FSA Categorical Exclusions Identified in FR-6492-N-01

The ReGrow reference case has been impacted with a Reevaluation related to the above-mentioned HUD's Temporary Waiver.

Overview:

After the original environmental review was completed, new circumstances emerged that required a reevaluation of the review. These included significant changes in the nature, magnitude, or scope of the project, such as the addition of new activities not initially included.

Findings of the Reevaluation:

The findings of this reevaluation include the implementation of the HUD's Temporary Waiver of 24 C.F.R. § 28.36 for the ReGrow Puerto Rico Program to Utilize USDA-FSA Categorical Exclusions Identified in FR-6492-N-01.

Conclusion:

The original Environmental Review Record (ERR) has been reviewed, and its findings are no longer applicable. A new ERR has been completed at the appropriate level of review.



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Friday, August 9, 2024

Lauren B Poche

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

SHPO-CF-07-25-24-08 PR-RGRW-03684 (Toa Alta), Pablo Juarbe Carrion

Dear Ms. Poche,

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

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

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

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/MB



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

July 25, 2024

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

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

Section 106 NHPA Effect Determination Submittal: PR-RGRW-03684 – Pablo Juarbe Carrión. – PR-823, Km 1, Km 2 (Int), Bo Quebrada Arenas, Sector Jalda Arriba, Toa Alta, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Puerto Rico Department of Agriculture, HORNE is submitting documentation for activities proposed by Pablo Juarbe Carrión. located at PR-823, Km 1, Km 2 (Int), Bo Quebrada Arenas, Sector Jalda Arriba, in the municipality of Toa Alta. The undertaking for this project includes the purchase of agricultural infrastructure for the expansion of an existing ca. 2011 storage building. The building expansion will require ground disturbance. The existing structure measures 20' x 20' and the extension will be another 20 feet to the northeast. The posts supporting the new roof will be anchored to a depth of 1.5 feet. The cement floor of the current structure will be extended to match the size of the new extension, also at a depth of 1.5 feet. It will not be necessary to install new connections for water or electricity. The extension of the structure will be for storage purposes of apiary equipment.

Based on the submitted documentation, the Program requests a concurrence that a finding of no historic properties affected is appropriate for this proposed project.

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

Kindest regards,

A handwritten signature in cursive script that reads 'Lauren B. Poche'.

Lauren Bair Poche, M.A.

Architectural Historian, EHP Senior Manager

LBP/JLE

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Pablo Juarbe Carrión		
Case ID: PR-RGRW-03684	City: Toa Alta	

Project Location: PR-823, Km 1, Km 2 (Int), Bo Quebrada Arenas, Sector Jalda Arriba, Toa Alta, PR 00953	
Project Coordinates: 18.369254 -66.273584	
TPID (Número de Catastro): 111-000-004-77-000	
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair/Improvements <input type="checkbox"/> New Construction	
Construction Date (AH est.): ca. 2011	Property Size (acres): 2.04

SOI-Qualified Archaeologist: Jaqueline López Meléndez
Date Reviewed: June 4, 2024

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

Project Description (Undertaking)

The proposed activities for PR-RGRW-03684 consist of the purchase of agricultural infrastructure for the expansion of an existing storage building. The agricultural infrastructure includes four 3' x 3' posts for roof support, a galvalume roof frame, frame preparation, 7 galvalume sheets, installation of 3 windows and a door and 14 slotted panels. The storage expansion will require ground disturbance. The existing structure measures 20' x 20' and the extension will be another 20 feet to the northeast. The posts supporting the new roof will be anchored to a depth of 1.5 feet. The cement floor of the current structure will be extended to match the size of the new extension, also at a depth of 1.5 feet. The applicant will cover the cost of the cement floor. It will not be necessary to install new connections for water or electricity. The extension of the structure will be for storage purposes of apiary equipment. The project area is located at PR-823 km. 1.2 within the Municipality of Toa Alta. Based on a review of historical aerial imagery, the general area has been used for beekeeping purposes for over the past 20 years.

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 location of the extension of the storage plus a 15-meter buffer and the visual APE is the viewshed of the proposed project.

Identification of Historic Properties - Archaeology

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Pablo Juarbe Carrión	
Case ID: PR-RGRW-03684	City: Toa Alta

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that there are no reported archaeological sites within a half-mile (0.50 miles) radius of the project location. The nearest cultural resource is the Pre-Columbian site Aranamá, El Cacique (ICP: TA-4), located 1.22 miles east. The proposed project is located in the mountainous area of Toa Alta at an elevation of 328 feet above sea level. Per the USGS/NRCS Web Soil Survey, the project area is within mapped soil series: Colinas. The project area APE is in CrE2. The closest freshwater sources are an unnamed creek located 0.09 miles northwest and Arena creek, located 0.36 miles northeast of the project area. The north coast is approximately 7.10 miles (11.43 km) from the project area.

Within the 0.50 miles radius we have seven (7) archaeological studies, all with negative results.

Soils in the project area are predominantly Colinas clayey lomic, with slopes of 20% to 40% (CrE2). This is a steep well drained soil on ridgetops and side slopes of low hills. Permeability is moderate, and the available water capacity is low. Runoff is rapid, and erosion is a hazard. This soil is limited for most urban uses because it is steep and subject to landslides.

Visual inspection of the APE and its surroundings found no evidence of cultural materials.

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is not within the boundaries of the National Register of Historic Places (NRHP)-eligible or listed Traditional Urban Center / Historic District.

The project area is in a rural and mountainous area of Toa Alta with mature vegetation. The area directly around the existing building consists of grass, bushes and trees. The area has a flat topography. The existing storage building measures 20 ft x 20 ft and is made of concrete. The extension will be another 20 feet to the northeast. The building appears in a 2012 aerial image but is absent from a 2010 aerial image. It is likely, based on information gathered in the field and through the review of aeriels, the building was constructed ca. 2011. This structure is modern and does not meet the requirements to be eligible for listing on the National Register of Historic Places.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Applicant: Pablo Juarbe Carrión	
Case ID: PR-RGRW-03684	City: Toa Alta

Determination

No historic properties were identified within the APE.

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect historic properties that compose the Area of Potential Effect. The project area is not within or adjacent to the boundaries of a National Register of Historic Places (NRHP)-eligible or listed historic district or Traditional Urban Center. There are no reported archaeological materials or significant cultural properties within a half-mile radius of the proposed project location. There are no known archaeological sites or NRHP listed/eligible historic properties are within or adjacent to the property or the parcel in which the Area of Potential Effect of case PR-RGRW-03684 is located. The closest freshwater body is approximately 0.09 miles northwest of the project area. The construction of public roads and residential structures/agricultural infrastructure has minimally impacted the surrounding terrain. Therefore, no historic properties will be affected by the proposed project activities.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM ReGROW PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Applicant: Pablo Juarbe Carrión		
Case ID: PR-RGRW-03684		City: Toa Alta

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

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

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

This Section is to be Completed by SHPO Staff Only

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM REGrow PUERTO RICO PROGRAM Section 106 NHPA Effect Determination		
Applicant: Pablo Juarbe Carrión		
Case ID: PR-RGRW-03684	City: Toa Alta	

Case ID: PR-RGRW-03684

Project Coordinates: 18.369254 -66.273584

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

Name	SHPO id #	IPRC id #	Distance/Direction	Description	NRHP (listed, eligible, non-eligible, no data)
None	-	-	-	-	-

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

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Juan González	IA-IB/ Depósito de Desperdicios Sólidos	1990	ICP/CAT-TA-90-02-02	Negative	0.49 mi NE
Jaqueline López Meléndez	IA/ Mejoras al Sistema de Acueductos	2000	ICP/CAT-TA-00-06-07	Negative	0.29 mi SE
Juan González	IA-IB/ Veredas del Río II	2001	ICP/CAT-TA-01-07-09	Negative	0.47 mi SE
Juan González	IA-IB/ Veredas del Río	2000	ICP/CAT-TA-00-06-08	Negative	0.47 mi SE
Marisol Martínez	IB/ Hacienda Lydia Marie	2002	ICP/CAT-TA-02-07-11	Negative	0.16 mi SW
Marisol Martínez	IA/ Hacienda Lydia Marie	2002	ICP/CAT-TA-02-07-10	Negative	0.16 mi SW
Juan González	IA-IB/ Desarrollo de Solares Residenciales	1998	ICP/CAT-TA-98-05-05	Negative	0.37 mi SW

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location – Area of Potential Effect Map (Aerial)

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Clark, 800w 1 Suite J-3, Calle Perseus 55A, Arroyo, San Juan, PR, 00920 Tel: 787/763-9290

Application ID: PR-RGRW-03684

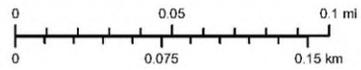
Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas
Sector Jaldá Arriba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat:18.369254, Long:-66.273584

Area of Potential Effect

Puerto Rico Department of Housing ReGrow



- Legend:**
- Area of Potential Effect (15 mts.)
 - Structure-03684
 - Parcel
 - CRIM-Parcels



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



1:2,500

Source
Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cdppic/>

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corral, Suite 1 Suite 3-3, Calle Perseo 554, Arroyo, San Juan, P.R. 00920 Tel: (787) 703-0290

Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas
Sector Jaldá Arriba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat:18.369254, Long:-66.273584

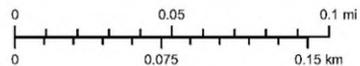
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- CRIM-Parcels



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



1:2,500

Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimprnet/cdpppc/>

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location - USGS Topographic Map

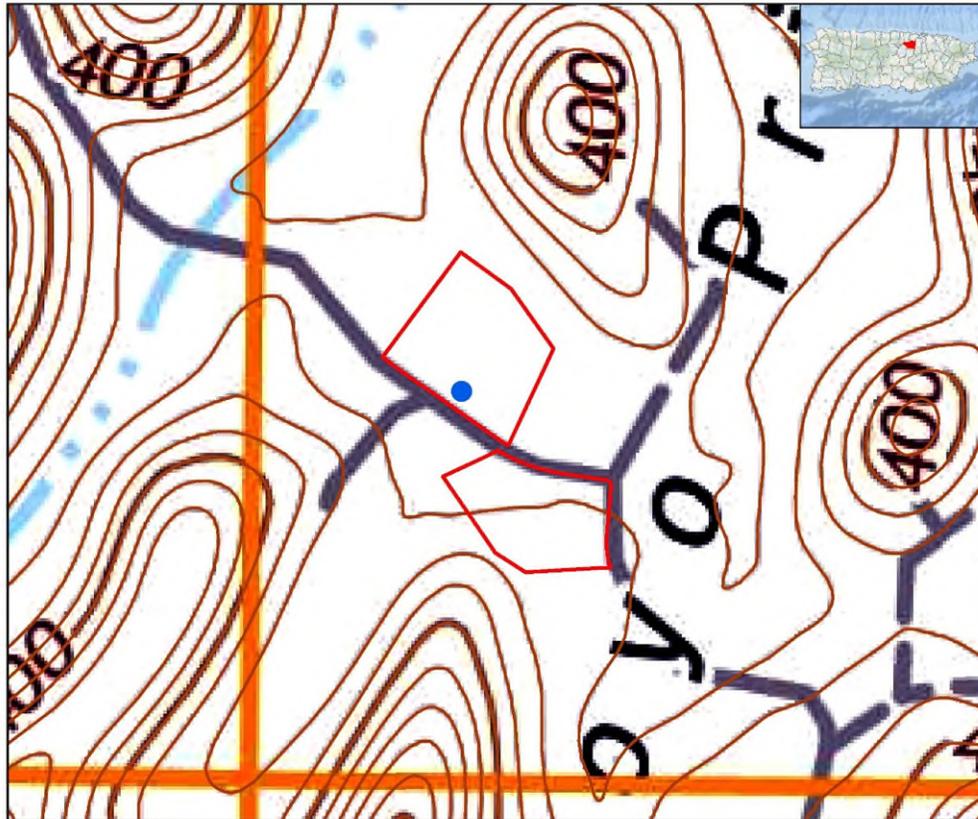
BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Corporación: 1 Suite 303, Calle Torrealba 554, Aguadilla, San Juan, P.R. 00923 Tel: 787-753-0290

Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas,
Sector Jaldá Arriba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat: 18.369254, Long: -66.273584

Location: USGS Topographic Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- Contour Interval 20 Feet

Quadrangle: Corozal

0 0.05 0.1 mi

0 0.075 0.15 km

Service Layer Credits: Esri, Garmin, GEBCO, NOAA, NGDC, and other contributors and Google Earth



1:2,500

Source

United States Geological Survey (USGS)
National Geographic Map Database
<https://ngmdb.usgs.gov/ngmdb/home.htm>
Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cstppa/>

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location – Soils Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Cond. Iberia 1 Suite J-0, Calle Perseo 554, Arterriba, San Juan, PR, 00920 Tel: (787) 763-0290

Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas
Sector Jaldá Amiba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat:18.369254, Long:-66.273584

Soils Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- Soil Map Unit Symbol

Soil Map Unit Symbol

- CrD2 - Colinas clay loam, 12 to 20 percent slopes
- CrE2 - Colinas clay loam, 20 to 40 percent slopes
- SoF - Soller clay loam, 40 to 60 percent slopes

0 0.05 0.1 mi

0 0.075 0.15 km

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



1:2,500

Source

Natural Resources Conservation Service (NRCS)
Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nrcs.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location with Previous Investigations - Aerial Map

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Oficina: Ibeña 1 Suite 403, Calle Ponce 554, Arroyo, San Juan, PR. 00920 Tel: (787) 763-0280

Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas,
Sector Jaldá Arriba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat: 18.369254, Long: -66.273584

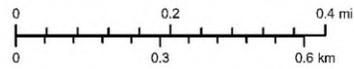
Previous Investigations: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- 0.50 Mile (0.8 Km) Buffer



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth





Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Project (PR-RGRW-03684) Location with Previously Investigation USGS Topographic Map

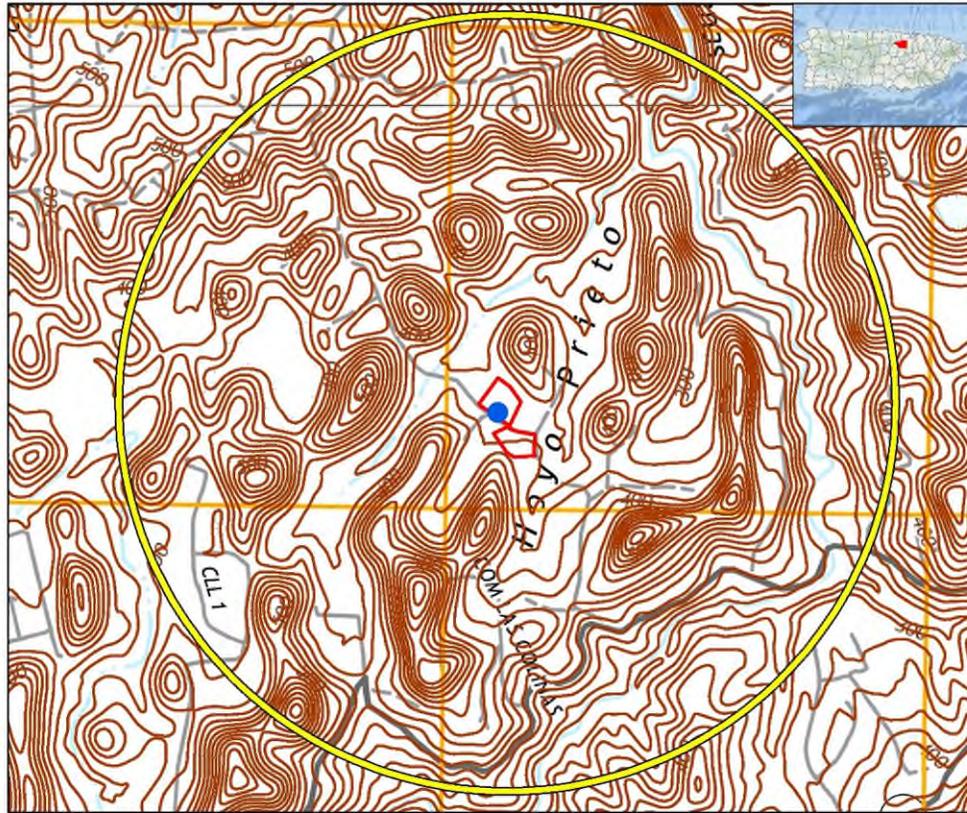


Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas
Sector Jaldá Ambo,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat:18.369254, Long:-66.273584

Previous Investigations: USGS Topographic Map

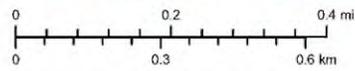
Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- 0.50 Mile (0.8 Km) Buffer
- Contour Interval 20 Feet

Quadrangle: Corozal y Vega Alta



Service Layer Credits: Esri, Garmin, GEBCO, NOAA, NGDC, and other contributors and Google Earth



Source

United States Geological Survey (USGS)
National Geographic Map Database
https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html

Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta

Photograph Key

BYA BEHAR-YBARRA & ASSOCIATES LLC
CONSULTING ENGINEERS, ARCHITECTS AND PLANNERS
Carr. Isern 1 Suite 2-3, Calle Ponce 554, Alayún, San Juan, PR. 00920 Tel: (787) 713-0290

Application ID: PR-RGRW-03684

Pablo Juarbe Carrión
Carr. 823 Km 1.2 Interior,
Bo. Quebrada Arenas
Sector Jaldá Arriba,
Toa Alta, PR 00953
Catastro: 111-000-004-77-000
Lat: 18.369254, Long: -66.273584

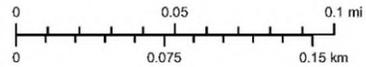
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Parcel
- CRIM-Parcels



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



Source

Centro de Recaudación de Ingresos Municipales (CRIM)
<https://catastro.crimpr.net/cdppca/>



Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta



Photo #:1

Description (include direction): Front side of the existing storage building, looking north.

Date: June 1, 2024



Photo #:2

Description (include direction): Left side of the existing storage building, looking southeast.

Date: June 1, 2024



Applicant: Pablo Juarbe Carrión

Case ID: PR-RGRW-03684

City: Toa Alta



Photo #:3

Description (include direction): Back side of the existing storage building, looking southwest. This will be the area for the expansion.

Date: June 1, 2024



Photo #:4

Description (include direction): Right side of the existing storage building, looking northwest.

Date: June 1, 2024



DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO



Memorandum to File

Date: 5/6/2025

From: Justin Neely
Environmental Manager
CDBG-DR Program
Regrow Puerto Rico Program
Puerto Rico Department of Housing

Application Number: PR-RGRW-03486-W-RE

Project: Pablo Juarbe Carrión

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-RGRW-03684-W-RE under the Regrow Puerto Rico 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 reasons:

- 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.



Self-Certification

<https://www.fws.gov/office/caribbean-ecological-services>

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 **Pablo Juarbe Carrión (PR-RGRW-03684-W-RE)**, under the CDBG-DR Regrow Puerto Rico Program, consisting of the purchase of agricultural infrastructure for the expansion of an existing storage building located at PR 165, intersección PR-823, Km 1.2 (Int.), Sector Jalda Arriba, Bo. Quebrada Arenas, Toa Alta, PR 00953, complies with:

Check	Project Criteria
<input type="checkbox"/>	1. Activities related to the resurfacing existing streets or roads; maintenance of existing upland gabion or reinforced concrete retention walls; construction, reconstruction or repair of gutters and sidewalks along existing roads.
<input type="checkbox"/>	2. Repair, replace, improve, reconstruct and/or rehabilitate facilities in already established public transportation systems (signs, sidewalks and ramps, bus stops and existing routes).
<input type="checkbox"/>	3. Repair, replace, improve, reconstruct, rehabilitate and/or expanding existing public transportation facilities located in urban or developed areas.
<input type="checkbox"/>	4. Construction of new facilities for public transportation systems (e.g. school bus stops, city buses, trolleybuses, public car stops, public car terminal) in urban or developed areas.
<input type="checkbox"/>	5. Repair, replace, improve, reconstruct, or rehabilitate existing bridges or rip-rap. We recommend following FWS rip-rap guidance for design: https://www.fws.gov/media/guidance-repair-replacement-and-clean-structures-streams-and-waterways-puerto-rico-and-us

<input type="checkbox"/>	6. Reconstruction, or emergency repairs, of existing structures, including but not limited to buildings, facilities and homes.
<input type="checkbox"/>	7. Demolition of dilapidated single-family homes or buildings.
<input type="checkbox"/>	8. Rebuilding of demolished single-family homes or buildings.
<input type="checkbox"/>	9. Retrofitting existing buildings.
<input type="checkbox"/>	10. Construction of residential and/or commercial facilities.
<input type="checkbox"/>	11. Construction, repair, replace, improve, reconstruct, and/or rehabilitate recreational facilities.
<input type="checkbox"/>	12. Addition of concrete pads to the existing footprint of a residential and/or commercial structure, provided that the resulting addition is less than 20% of the size of the existing structure.
<input checked="" type="checkbox"/>	13. Improvement or renovations to existing structures (exterior and interior) renovations resulting in an exterior increase greater than 20%.
<input type="checkbox"/>	14. Improvements or renovations to existing structures (exterior and interior renovations) resulting in an exterior increase of less than 20%.
<input type="checkbox"/>	15. Acquisition of residential and/or commercial properties in urban or developed areas for the relocation of families and/or activities.
<input type="checkbox"/>	16. Construction, reconstruction, rehabilitation and/or expansion of cemeteries.
<input type="checkbox"/>	17. Installation/drilling of new water well and associated utility infrastructure, either above ground or underground.
<input type="checkbox"/>	18. Establishment of power facilities, including but not limited to associated aboveground and/or underground infrastructure.
<input type="checkbox"/>	19. Construction of electrical system infrastructure and associated components, including but not limited to associated aboveground and/or underground infrastructure.
<input type="checkbox"/>	20. Construction of land based small electric generating facilities, including those fueled with wind, sun, or biomass, capable of producing no more than 10 MW.
<input type="checkbox"/>	21. Activities within existing Right of Ways (ROWs) related to water and sanitary infrastructure; communication infrastructure; roads, bridges and highways without the removal of native vegetation and/or major earth movement.
<input type="checkbox"/>	22. Construction of rooftop or urban telecommunications systems and associated components, including but not limited to associated aboveground and/or underground infrastructure.
<input type="checkbox"/>	23. Establishment of temporary debris storage (TDS) facilities.

<input type="checkbox"/>	24. Establishment and/or closure of solid waste management facilities. But not new landfills.
<input type="checkbox"/>	25. Installation of water storage systems (cisterns) and associated infrastructure, either above ground or underground, including but not limited to installations on existing or new concrete pads, or existing or new roofs.
<input type="checkbox"/>	26. Installation of solar panels, battery storage systems and/or associated utility infrastructure, either above ground or underground, on existing or new concrete pads, existing or new roofs, ground or pole mounted.
<input type="checkbox"/>	27. Installation of generators on existing or new concrete slabs, and associated utility infrastructure, either above ground or underground.
<input type="checkbox"/>	28. Repair of existing agricultural structures including but not limited to greenhouses, warehouses, canopies, fences, corrals, and shade structures with less than 20% expansion of footprint.
<input type="checkbox"/>	29. New construction of agricultural structures in established farms including but not limited to greenhouses, warehouses, canopies, fences, corrals, and shade structures with or without underground and/or aboveground infrastructure utility connections.
<input type="checkbox"/>	30. Construction of fences, cattle corrals, concrete slabs.
<input type="checkbox"/>	31. Installation of storage containers on new concrete slab.
<input type="checkbox"/>	32. New construction or work which expands the footprint of an existing structure and occurs entirely on disturbed, regularly maintained, upland property, including the staging of equipment.



Angel G. López-Guzmán
 Deputy Director
 Permits and Environmental Compliance Division
 Puerto Rico Department of Housing
 Disaster Recovery Office, CDBG-DR/MIT
Address: P.O. Box 21365 San Juan, PR 00928
Telephone and Ext: 787-274-2527 ext. 4320
Email: environmentcdbg@vivienda.pr.gov

May 13, 2025

Date

Attachments:

1. Project Site Map (Location Map)
2. Project Site Photos

3. Copy of the Blanket Clearance Letter
4. Others, as necessary to demonstrate compliance with the criteria (e.g. Explanatory Memorandum, Critical Habitat Map, National Wetlands Inventory Map, etc.)

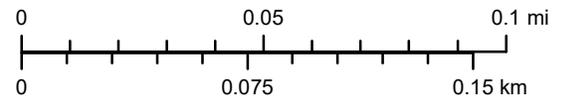
Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-03684
-  Parcel
-  CRIM-Parcels



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



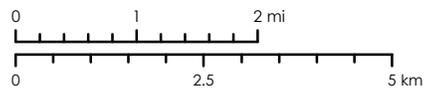
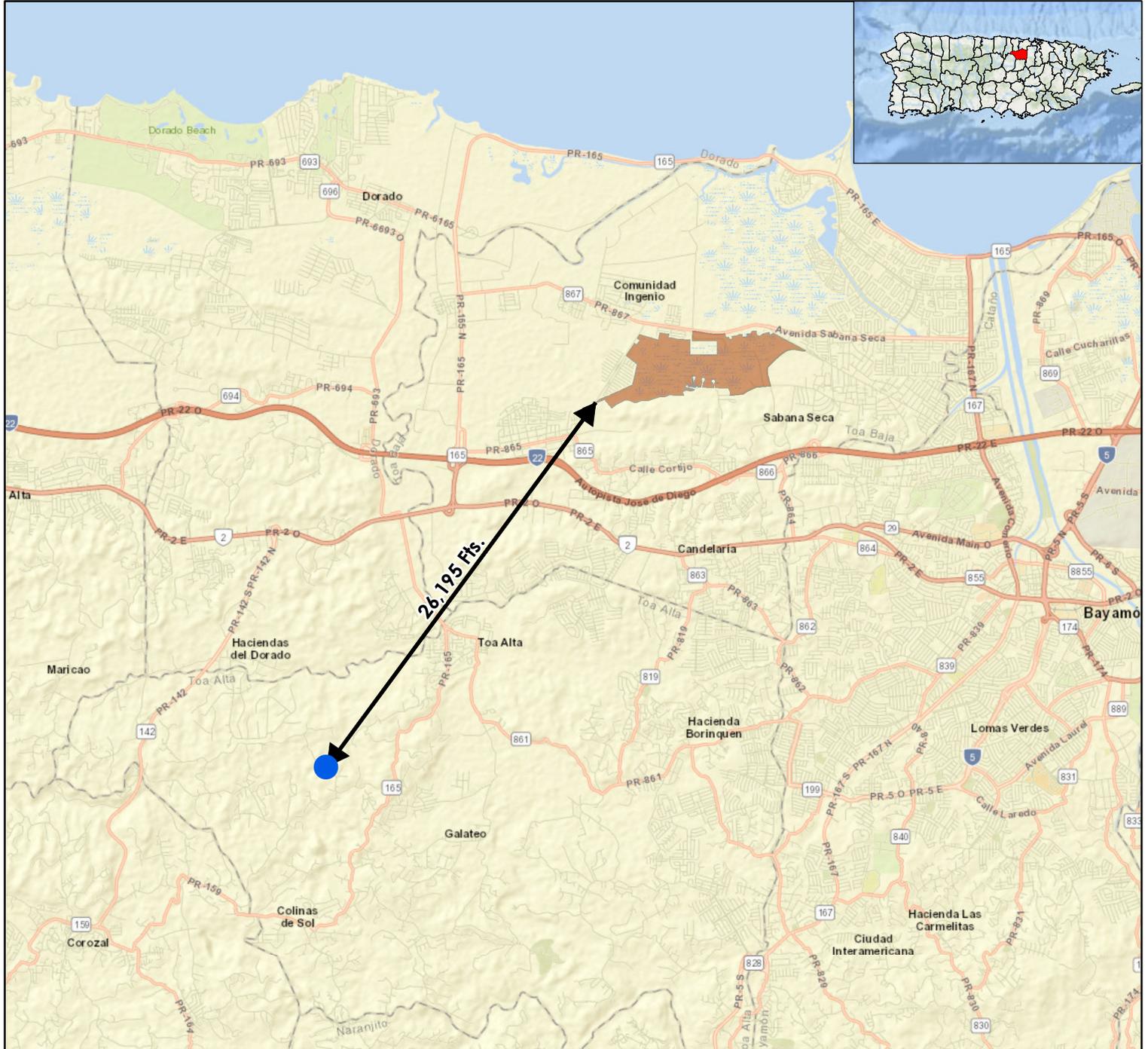
1:2,500

Source

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

Figure 7:Threatened & Endangered Species

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Critical Habitat

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

NOAA Office of Response and Restoration
<https://response.restoration.noaa.gov/>



1:100,000

IPaC resource list

This
has
(US

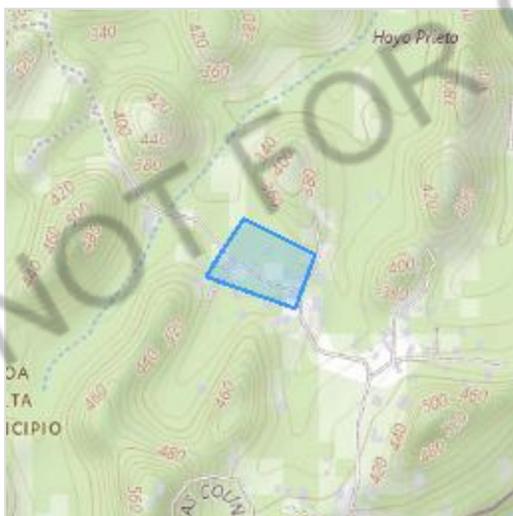
Migratory bird information is currently unavailable. We are aware of the problem and working on a solution. In the meantime, you can obtain similar project-specific bird occurrence results using the [AKN RAIL tool](#).

below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

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

Location

Toa Alta County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (939) 320-3135

📠 (787) 851-7440

✉ CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Office Park I

State Road #2 Km 156.5, Suite 303}

Mayaguez, PR 00680

NOT FOR CONSULTATION

Endangered species

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

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

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

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

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

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

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

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

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

Reptiles

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

Critical habitats

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

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>

- Nationwide avoidance and minimization measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Bald and Golden Eagle information is not available at this time

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior [authorization](#) by the Department of Interior U.S. Fish and Wildlife Service (FWS). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The FWS interprets the MBTA to prohibit incidental take.

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

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds

- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Migratory bird information is not available at this time

Migratory Bird FAQs

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

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

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

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

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

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

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

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

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

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

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

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

Proper interpretation and use of your migratory bird report

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

Interpreting the Probability of Presence Graphs

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Survey Timeframe

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Facilities

National Wildlife Refuge lands

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

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

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

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

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

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

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

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

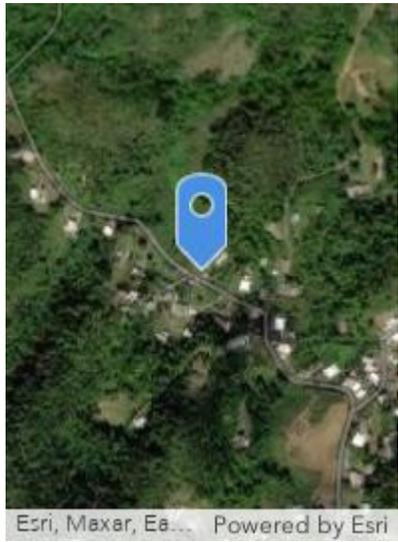
Data exclusions

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

Data precautions

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

APPLICANT/LOCATION INFORMATION

Applicant ID:	PR-RGRW-03684		
Applicant Name:	Pablo Juarbe Carrion		
Parcel ID:	111-000-004-77-000		
Latitude:	18.369254		
Longitude:	-66.273584		
Street Address:	PR-823, Km 1 Km 2 (ain't), Bo Quebrada Arenas, Sector Jalda Arriba		
Municipio:	Toa Alta		
Zip Code:	00953		
Site Inspector:	Egon A Gonzalez		
Date of Visit:	May 27, 2024		
Time of Visit:	15:04		
Building Type:	Expansion of current structure		

FIELD OBSERVATIONS

Question	Answer	Notes
A. Is the structure in use?	Yes	Used as warehouse
B. Is the structure a greenhouse?	No	
C. Is Electricity connected? (Utilities or Well)	Yes	Electricity is connected
D. Is water connected? (Utilities or Well)	Yes	Water is provided by AAA
1. Are there signs of poor housekeeping on site? (mounds of rubble, garbage, strom debris, solid waste, petroleum products, paint, pesticides, cleaning fluids, vehicle batteries, abandoned vehicles, pits, pools, ponds of hazardous substances, etc.)	No	
2. Are there any 55-gallon drums visible on site? If yes, are they leaking?	No	
3. Are there any (or signs of any) underground storage tanks on the property?	No	
4. Are there signs of AST on the parcel or adjacent parcel? If yes, list approximate size and contents, if known.	No	
5. Is there any stained soil or pavement on the parcel?	No	
6. Is a water drainage system in use?	No	
7. Is a warehouse in use for storage of Fertilizer or Pesticides?	No	
8. Are there any groundwater monitoring wells on the site or adjacent parcel?	No	
9. Is there evidence of a faulty septic system?	No	
10. Is there distressed vegetation on the parcel?	No	
11. Is there any visible indication of mold?	No	
12. Is there any visible evidence of asbestos, chipping, and flaking or peeling paint, or hazardous materials present in or on the structure?	No	
13. Are any additional site hazards observed?	No	
14. Is there any permanent standing water, such as a pond or stream, located on the site(do not include ponding from recent rain / weather events)?	No	
15. Does the subject property have water frontage?	No	
16. Is there any indication of the presence of wetlands?	No	
17. Are there any obvious signs of animals or birds nesting on or near the site?	No	
18. Is the applicant aware of any significant historical event or persons associated with the structure, or of it being located in a historic district/ area?	No	
19. Is a historic marker present?	No	

Front of Structure

Photo Direction:

Comments:



Facing Away from Front

Photo Direction:

Comments:



Side #1 of Structure

Photo Direction:

Comments:



Facing Away From Side #1

Photo Direction:

Comments:



Back of Structure

Photo Direction:

Comments:



Facing Away from Back

Photo Direction:

Comments:



Side #2 of Structure

Photo Direction:

Comments:



Facing Away from Side #2

Photo Direction:

Comments:



Streetscape #1

Photo Direction:

Comments:



Streetscape #2

Photo Direction:

Comments:



Address

Photo Direction:

Comments:



Architectural Details 1

Photo Direction:

Photo Description: Apiary structure in property. Not part of SOW



Architectural Details 2

Photo Direction:

Photo Description:



Architectural Details 3

Photo Direction:

Photo Description:



Architectural Details 4

Photo Direction:

Photo Description: Area for storage to be expanded will be 20ft x 20ft



Architectural Details 5

Photo Direction:

Photo Description: Overview



Architectural Details 6

Photo Direction:

Photo Description: Overview



Architectural Details 7

Photo Direction:

Photo Description: Overview



Architectural Details 8

Photo Direction:

Photo Description: Overview



Architectural Details 9

Photo Direction:

Photo Description: Concrete slab under vegetation



Architectural Details 10

Photo Direction:

Photo Description: Concrete slab under vegetation



Architectural Details 11

Photo Direction:

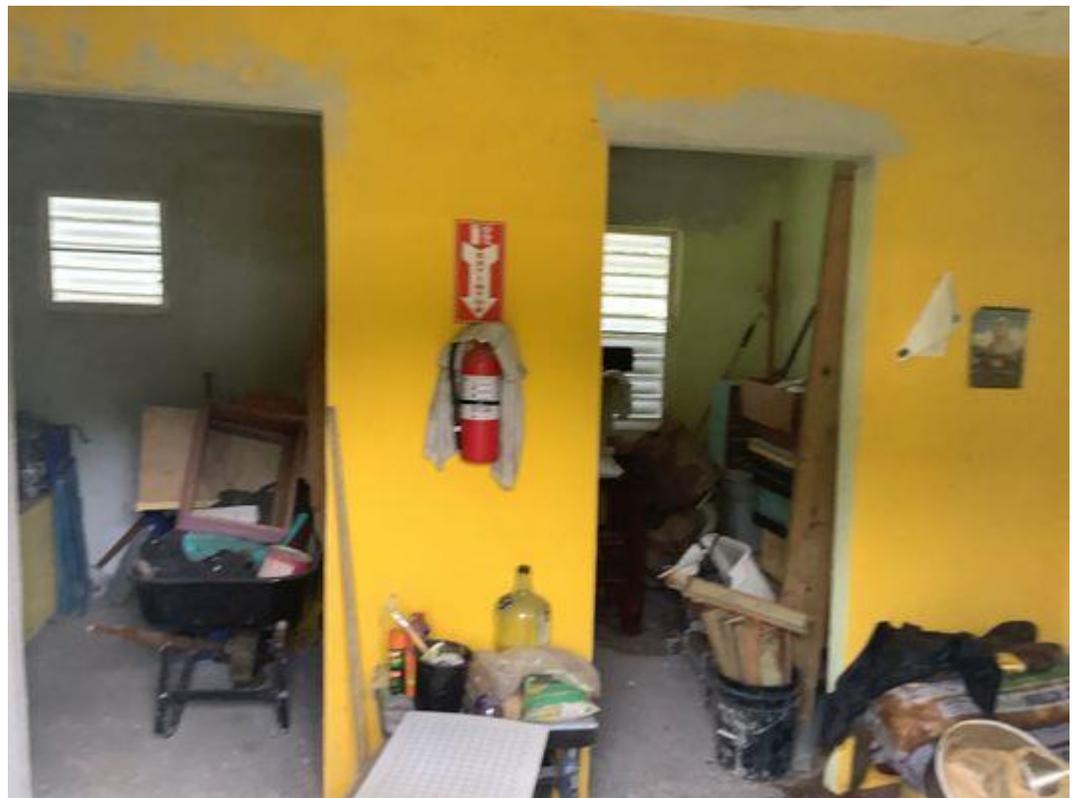
Photo Description: Concrete slab under vegetation



Architectural Details 12

Photo Direction:

Photo Description: Storage



Architectural Details 13

Photo Direction:

Photo Description: Storage



Architectural Details 14

Photo Direction:

Photo Description: Water provided by AAA



Architectural Details 15

Photo Direction:

Photo Description: Overview



Architectural Details 16

Photo Direction:

Photo Description:

Architectural Details 17

Photo Direction:

Photo Description:

Architectural Details 18

Photo Direction:

Photo Description:

Architectural Details 19

Photo Direction:

Photo Description:

Architectural Details 20

Photo Direction:

Photo Description:

Architectural Details 21

Photo Direction:

Photo Description:

Architectural Details 22

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Architectural Details 23

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Architectural Details 24

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Architectural Details 25

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Photo Description:

Architectural Details 26

Photo Direction:

Photo Description:

Architectural Details 27

Photo Direction:

Photo Description:

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.

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 Povelko, Povelko.Oleg@epa.gov](mailto:Mr. Oleg Povelko_Povelko.Oleg@epa.gov)
[Mr. Matthew Lantia, lantia.matthew@epa.gov](mailto:Mr. Matthew Lantia_lantia.matthew@epa.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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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: [Dr. Carlos Marín, carlos.marin3@upr.edu](mailto:Dr. Carlos Marín_carlos.marin3@upr.edu)



August 20, 2024

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

Via email: OIA@cdc.gov

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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

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.

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. Luis Márquez, secretariogaire@dma.pr.gov
Eng. Amarilys Rosario, aire@dma.pr.gov
Mrs. Elid Ortega, ortega@dma.pr.gov



August 20, 2024

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

Via email: drCarlos.mellado@salud.pr.gov

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

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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Raúl Hernández Dabla, rahernandez2@salud.pr.gov



August 20, 2024

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

Via email: hsweyers@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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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); Rzeszotarski, 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>; Silvana Cancelos Mancini <silvana.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: Silvana Cancelos Mancini <silvana.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 dejarte 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

Silvana 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: silvana.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. Rodriguez Rodriguez, 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 Rodriguez Rodriguez:

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 Sebastian, 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.

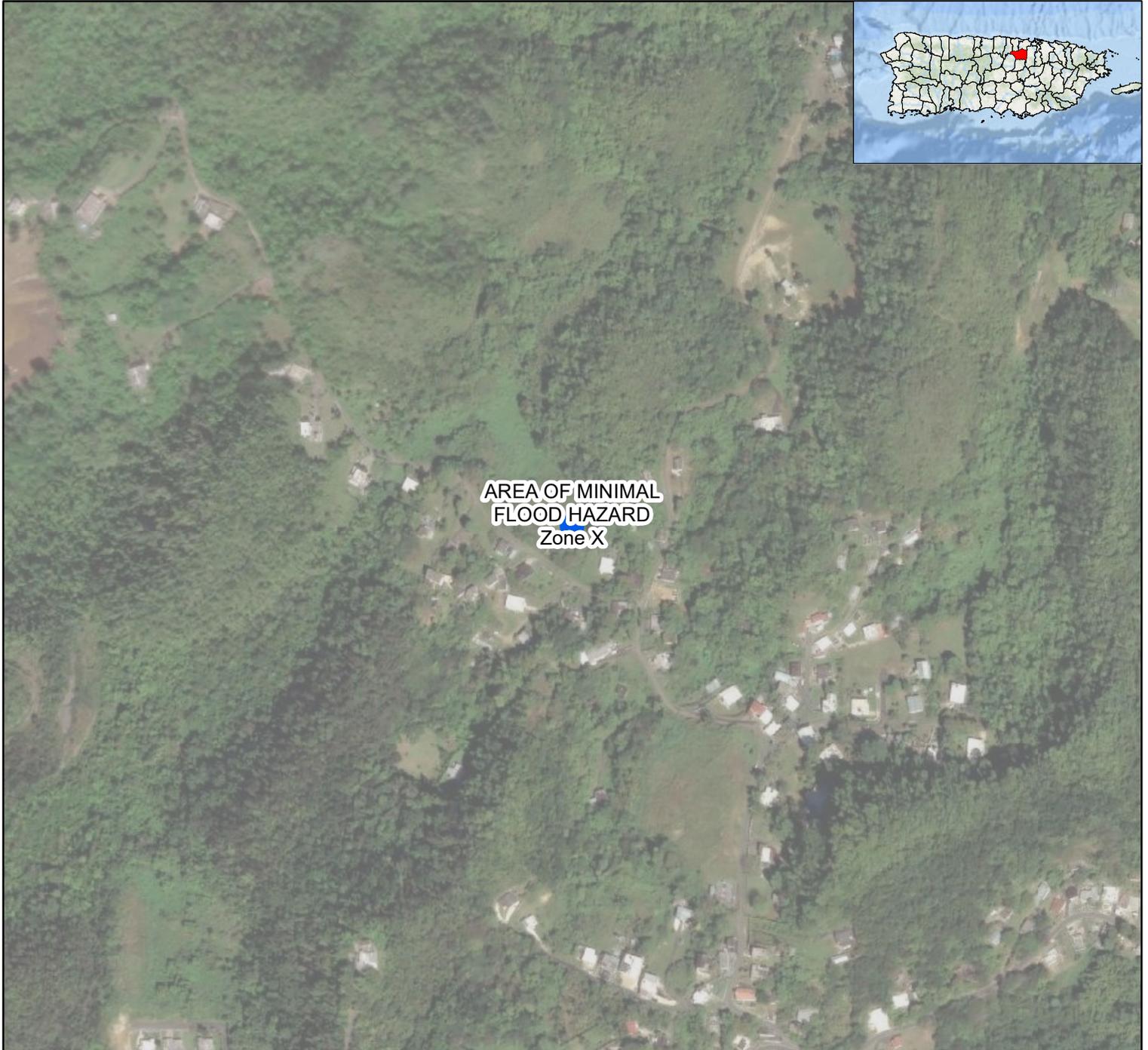
Sincerely,
CARMEN GUERRERO PEREZ
Carmen R. Guerrero Pérez
Director

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: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriquez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@drna.pr.gov

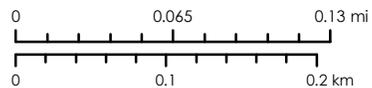
Figure 9: Advisory Base Flood Elevation

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-03924
-  Area of Minimal Flood Hazard Zone X



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

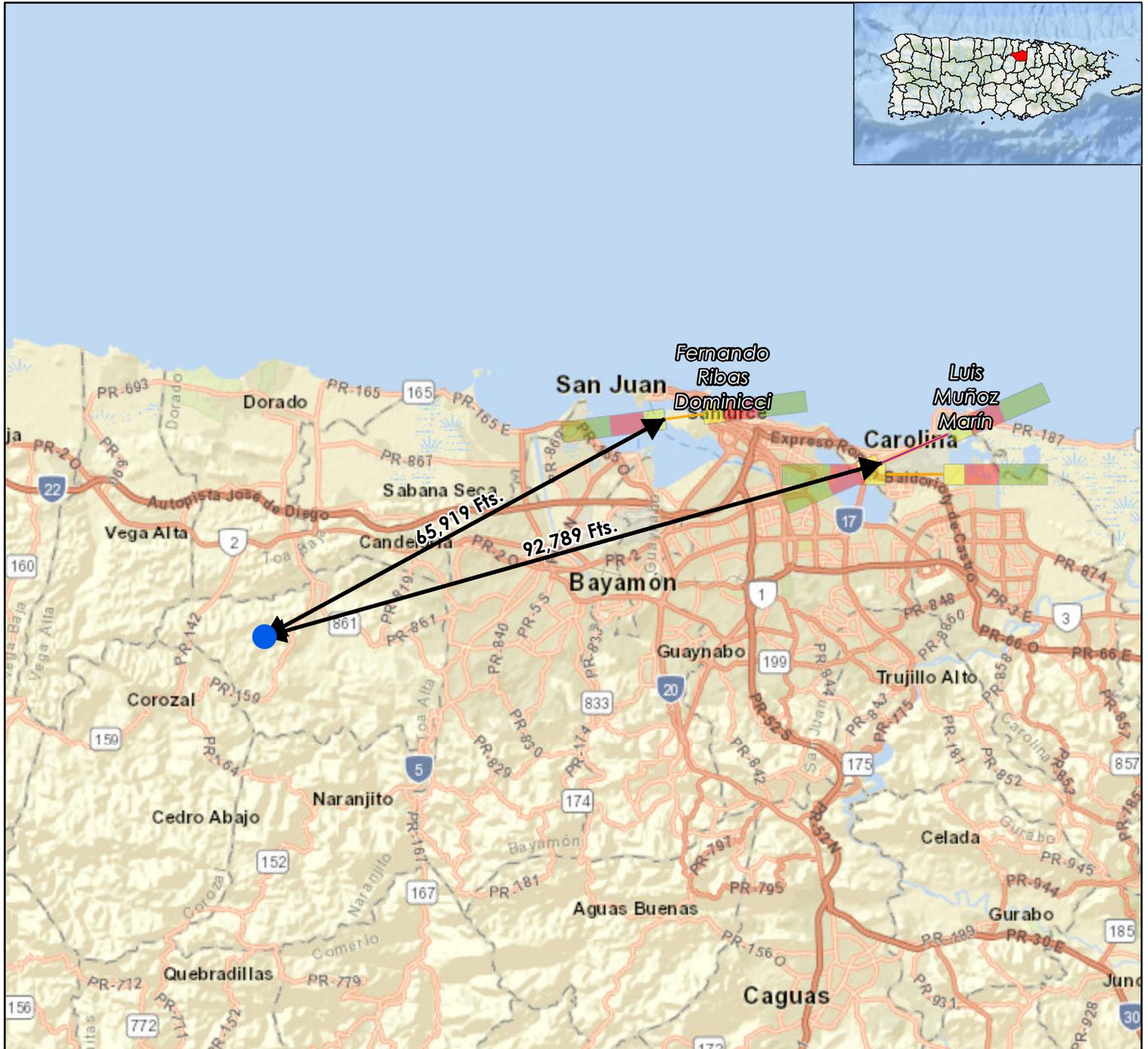
Federal Emergency Management Agency (FEMA),
Junta de Planificación de Puerto Rico (JP),
Mapas de Niveles de Inundación Base Recomendados,
<https://maps.jp.pr.gov/>



1:5,000

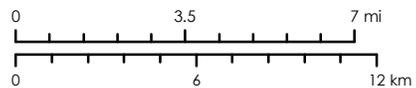
Figure 2: Airports

Puerto Rico Department of Housing ReGrow



Legend:

- | | |
|---|--|
| ● PR-RGRW-03684 | Accident Potential Zone |
| SJU Military Runway | APZ 1 |
| SJU Civil Runway | APZ 2 |
| | Clear Zone |



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

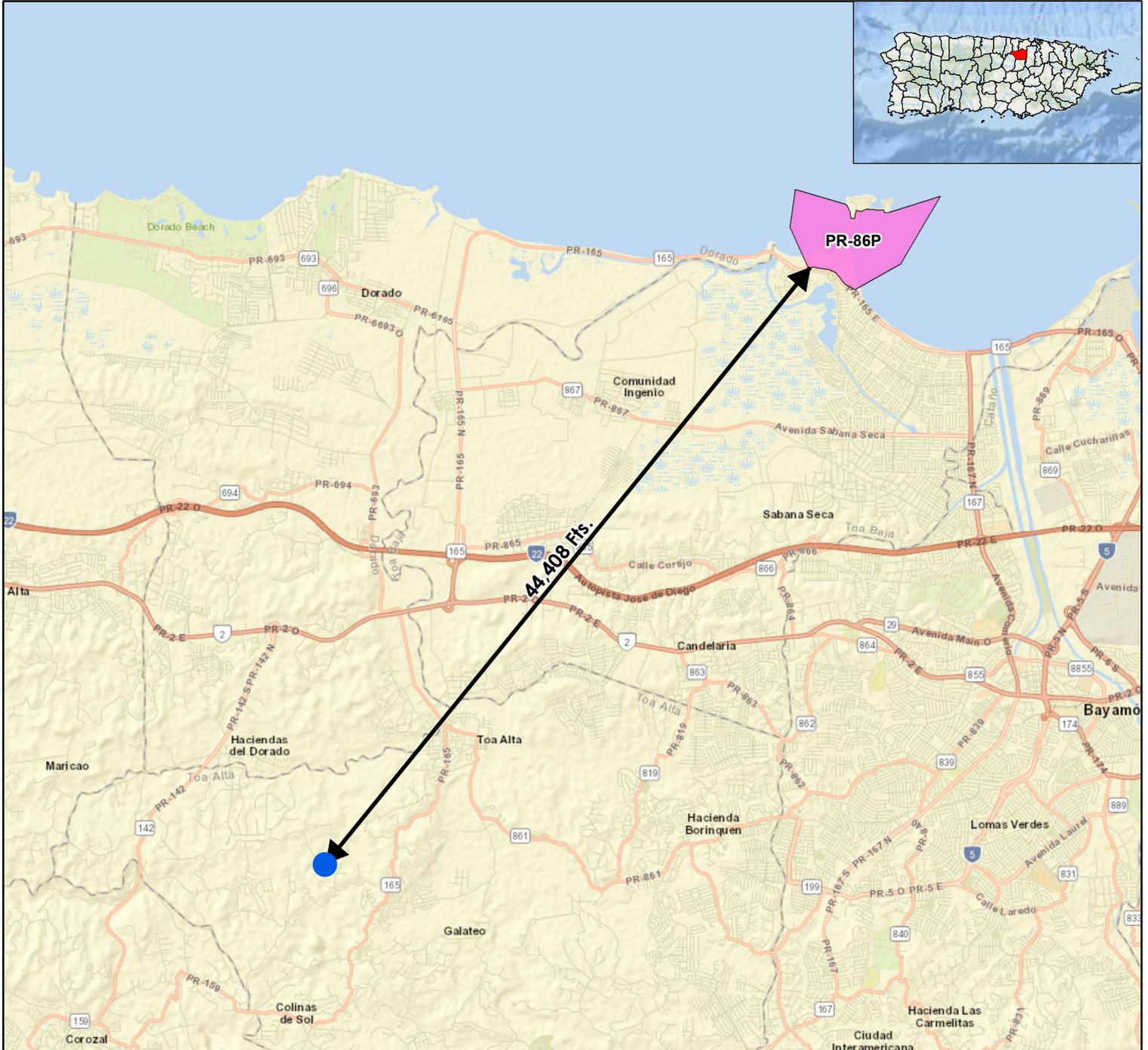
Federal Aviation Administration (FAA)
<https://adds-faa.opendata.arcgis.com/>



1:250,000

Figure 3: Coastal Barrier Resources System

Puerto Rico Department of Housing ReGrow

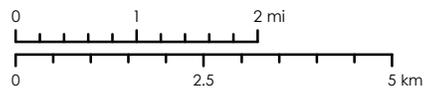


Legend:

● PR-RGRW-03684

Coastal Barrier Resources System (CBRS)

Otherwise Protected Area



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

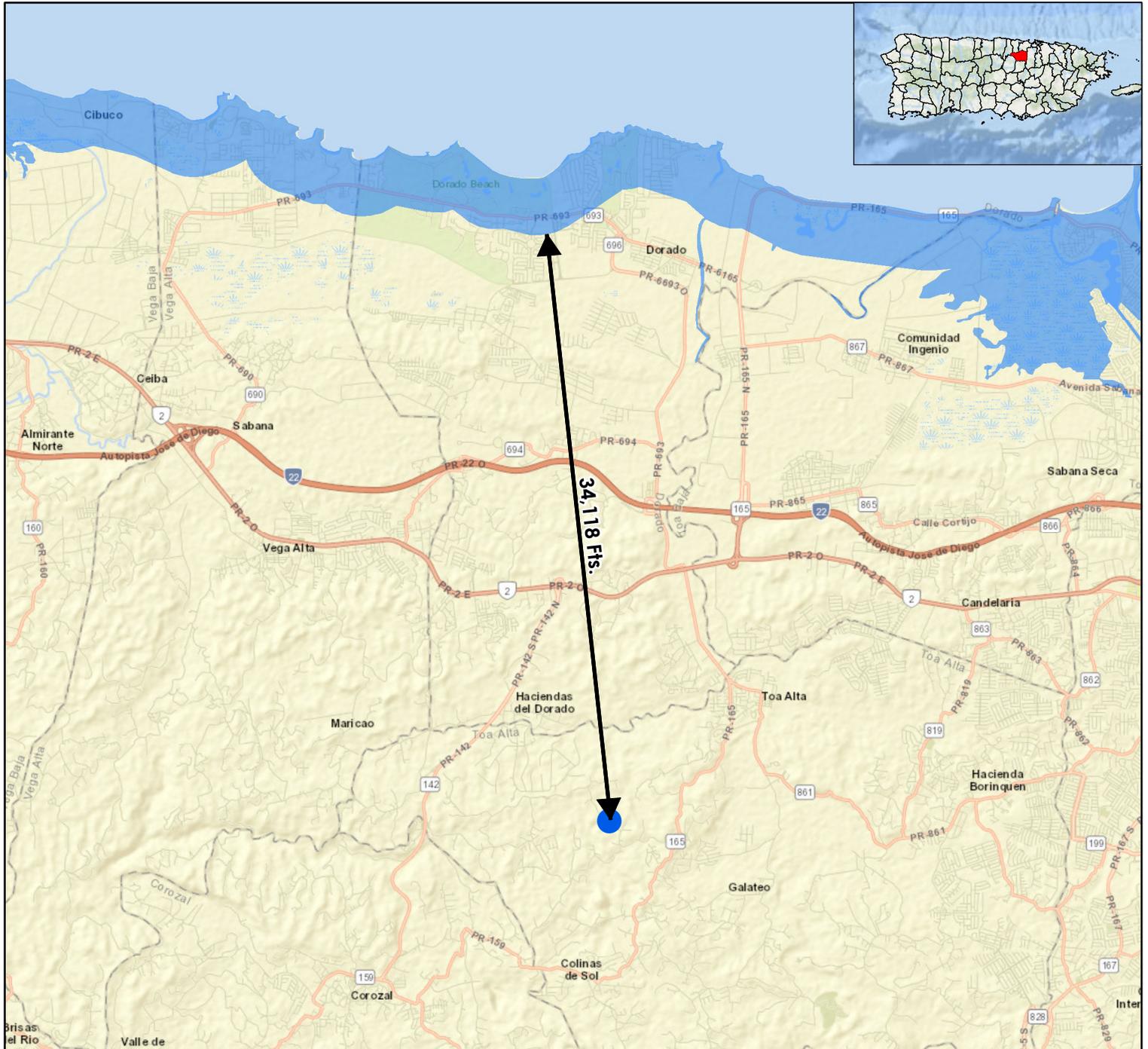
U.S. Fish and Wildlife Service (FWS)
<https://www.fws.gov/program/coastal-barrier-resources-act>



1:100,000

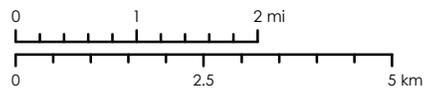
Figure 5: Coastal Zone Management

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Coastal Zone Management Act Boundary



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

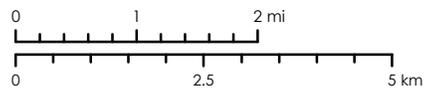
NOAA Office for Coastal Management (NOAA/OCM)
<https://www.fisheries.noaa.gov/inport/item/53132>



1:100,000

Figure 7:Threatened & Endangered Species

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Critical Habitat

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

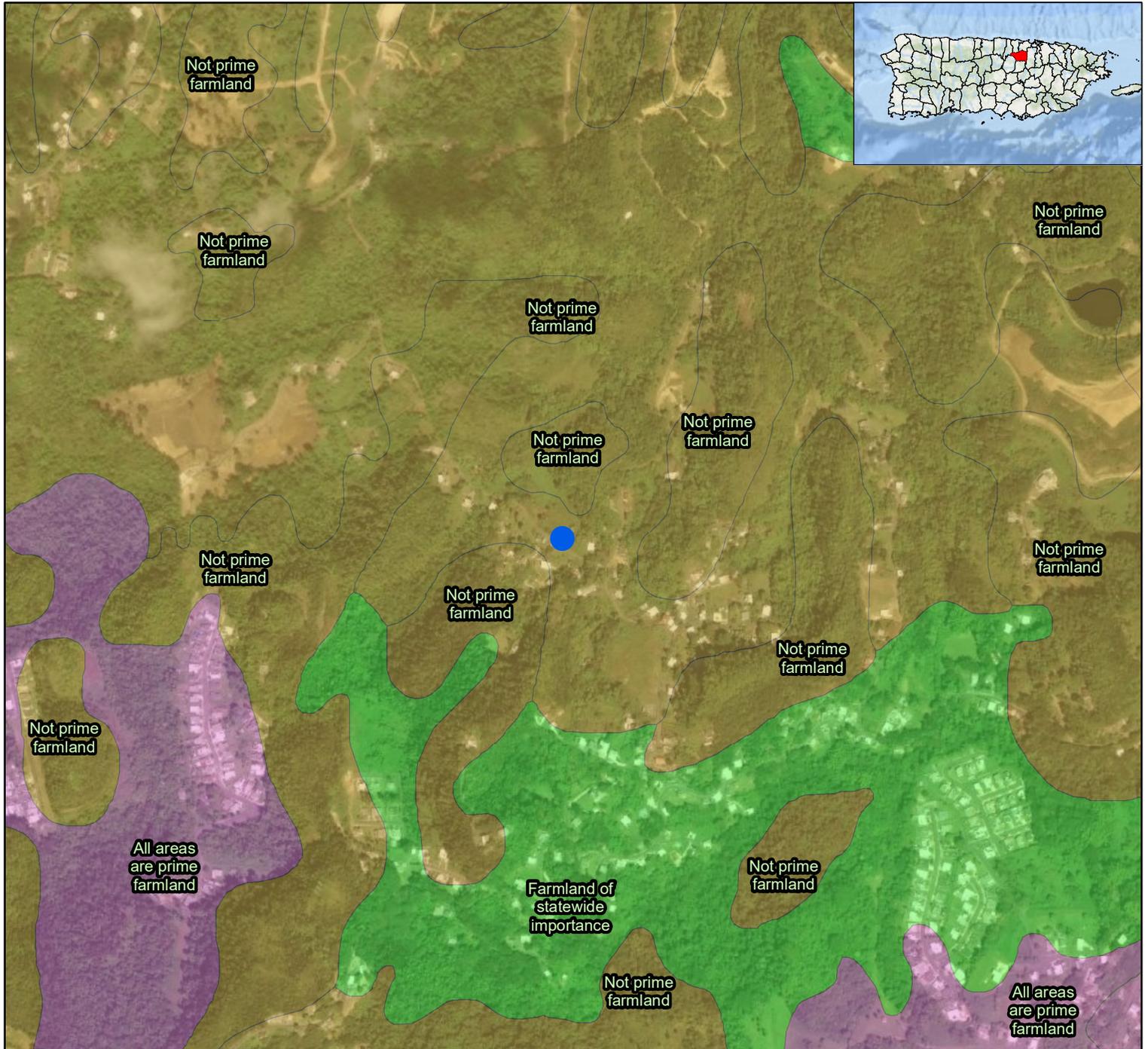
NOAA Office of Response and Restoration
<https://response.restoration.noaa.gov/>



1:100,000

Figure 8: Farmland Protection

Puerto Rico Department of Housing ReGrow

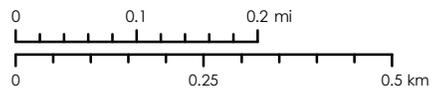


Legend:

● PR-RGRW-03684

Farm Class

- All areas are prime farmland
- Farmland of statewide importance
- Not prime farmland



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



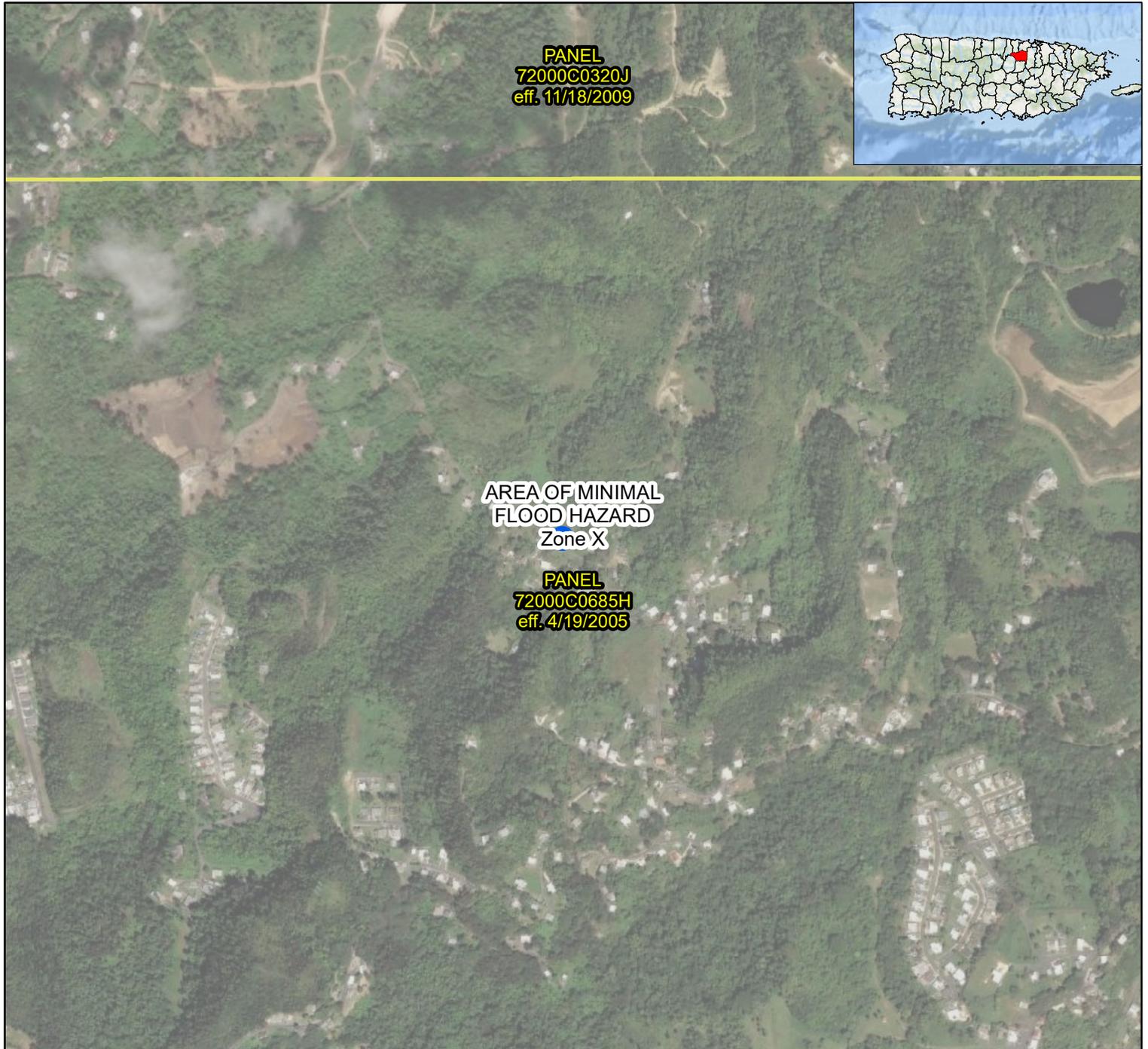
Source

National Resources Conservation Service (NRCS)
 Gridded Soil Survey Geographic Database (gSSURGO)
<https://data.nal.usda.gov/dataset/soil-survey-geographic-database-ssurgo>

1:10,000

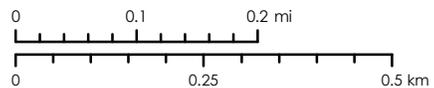
Figure 4: Flood Insurance Rate Map

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-03684
-  Area of Minimal Flood Hazard Zone X
-  FIRM Panel



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

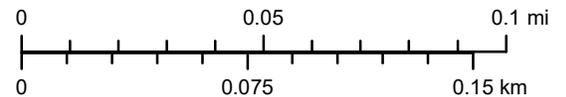
Federal Emergency Management Agency (FEMA)
<https://msc.fema.gov/portal/home>



1:10,000

Location: Aerial Map

Puerto Rico Department of Housing ReGrow



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors and Google Earth



1:2,500

Legend:

-  PR-RGRW-03684
-  Parcel
-  CRIM-Parcels

Source

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

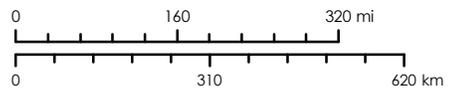
Figure 11: EPA Sole Source Aquifers

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-03684
-  EPA Sole Source Aquifers



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



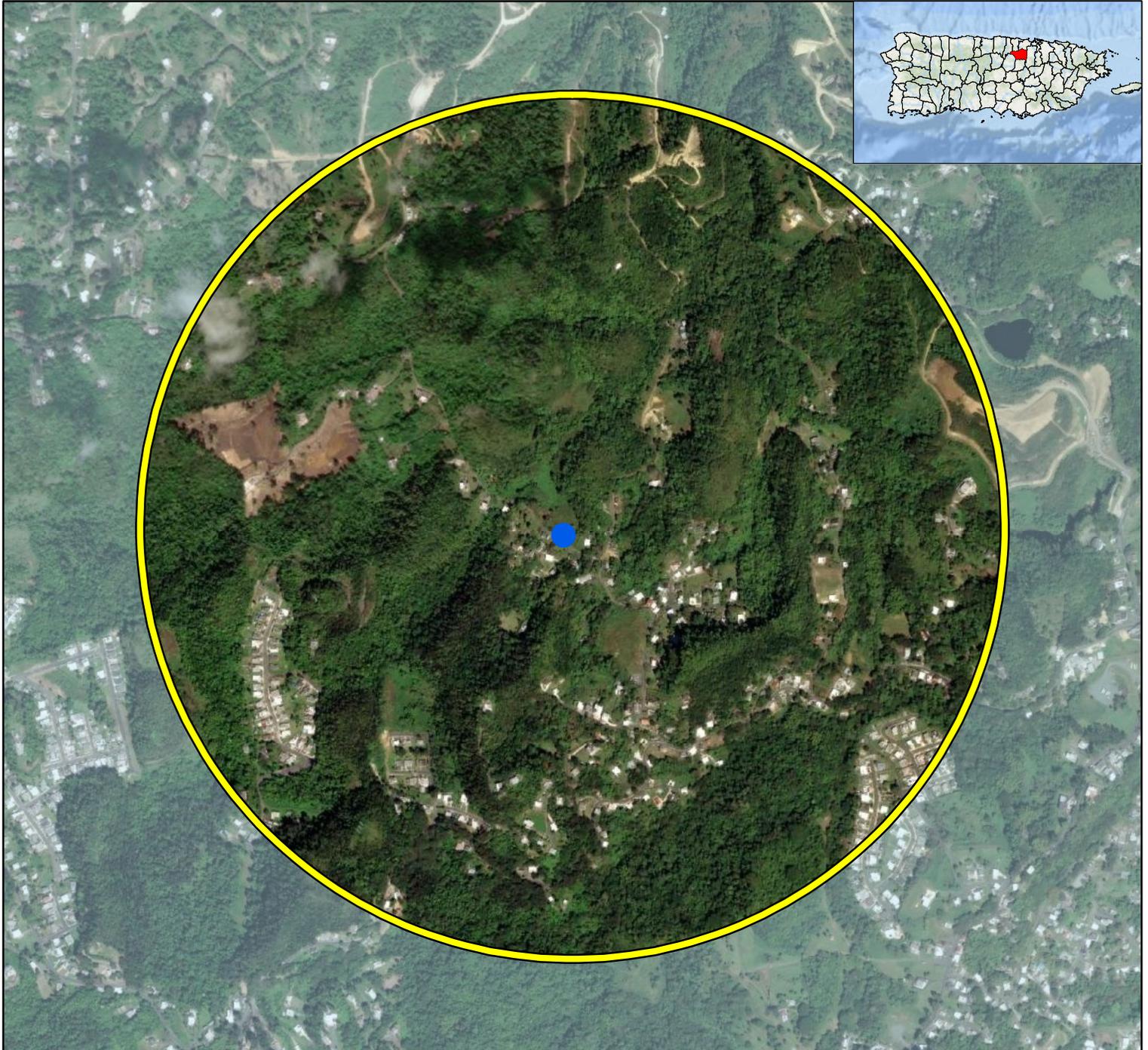
Source

U.S. Environmental Protection Agency
<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>

1:12,000,000

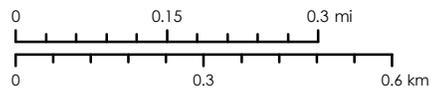
Figure 6: Toxic and Hazardous Facilities

Puerto Rico Department of Housing ReGrow



Legend:

-  PR-RGRW-03684
-  3,000 Ft. Buffer



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

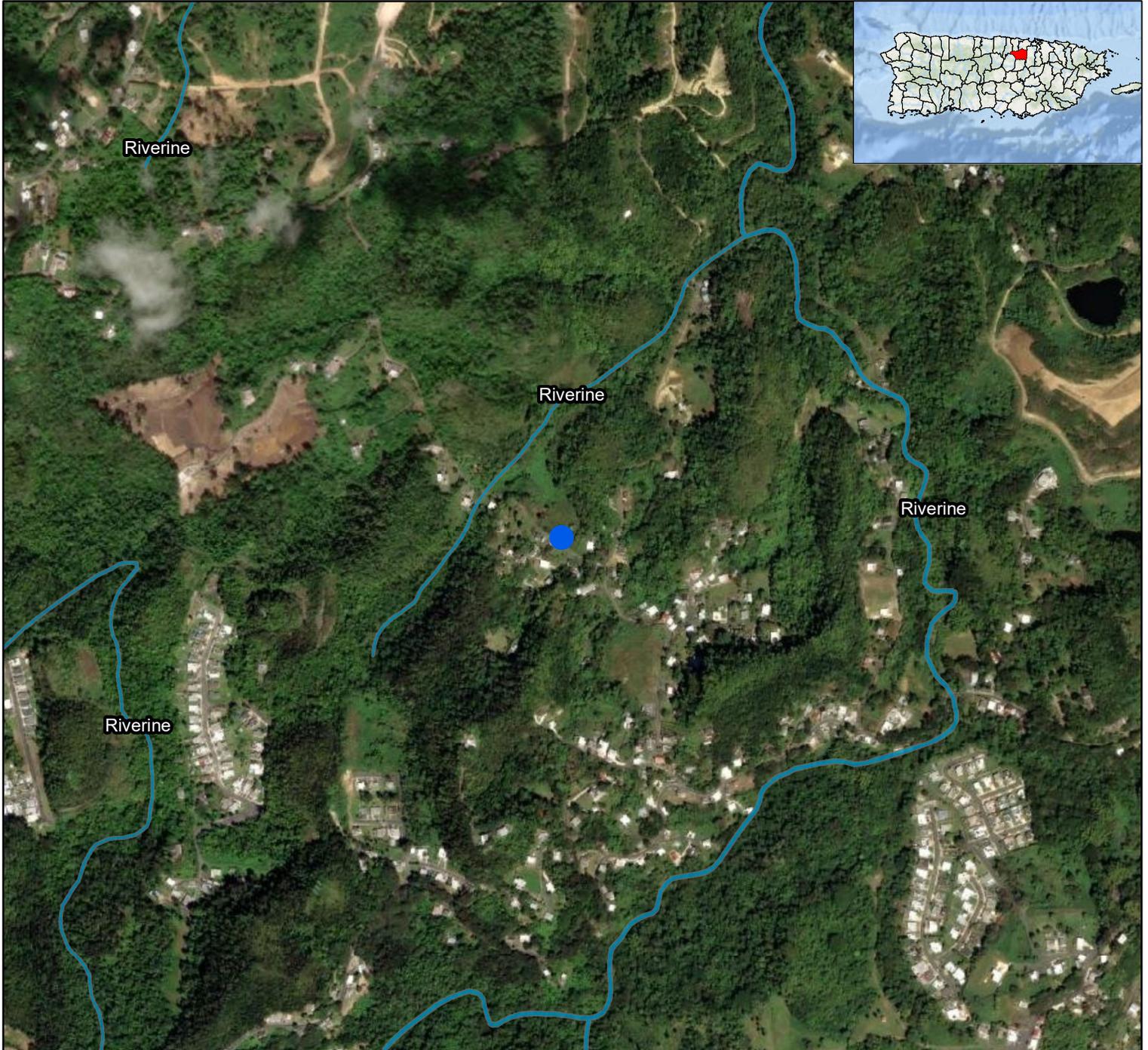
EPA Facility Registry Service (FRS)
<https://www.epa.gov/frs>



1:12,000

Figure 12: Wetlands Map

Puerto Rico Department of Housing ReGrow

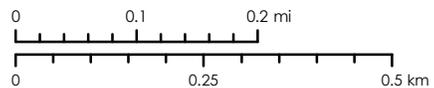


Legend:

 PR-RGRW-03684

National Wetlands Inventory

 Riverine



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

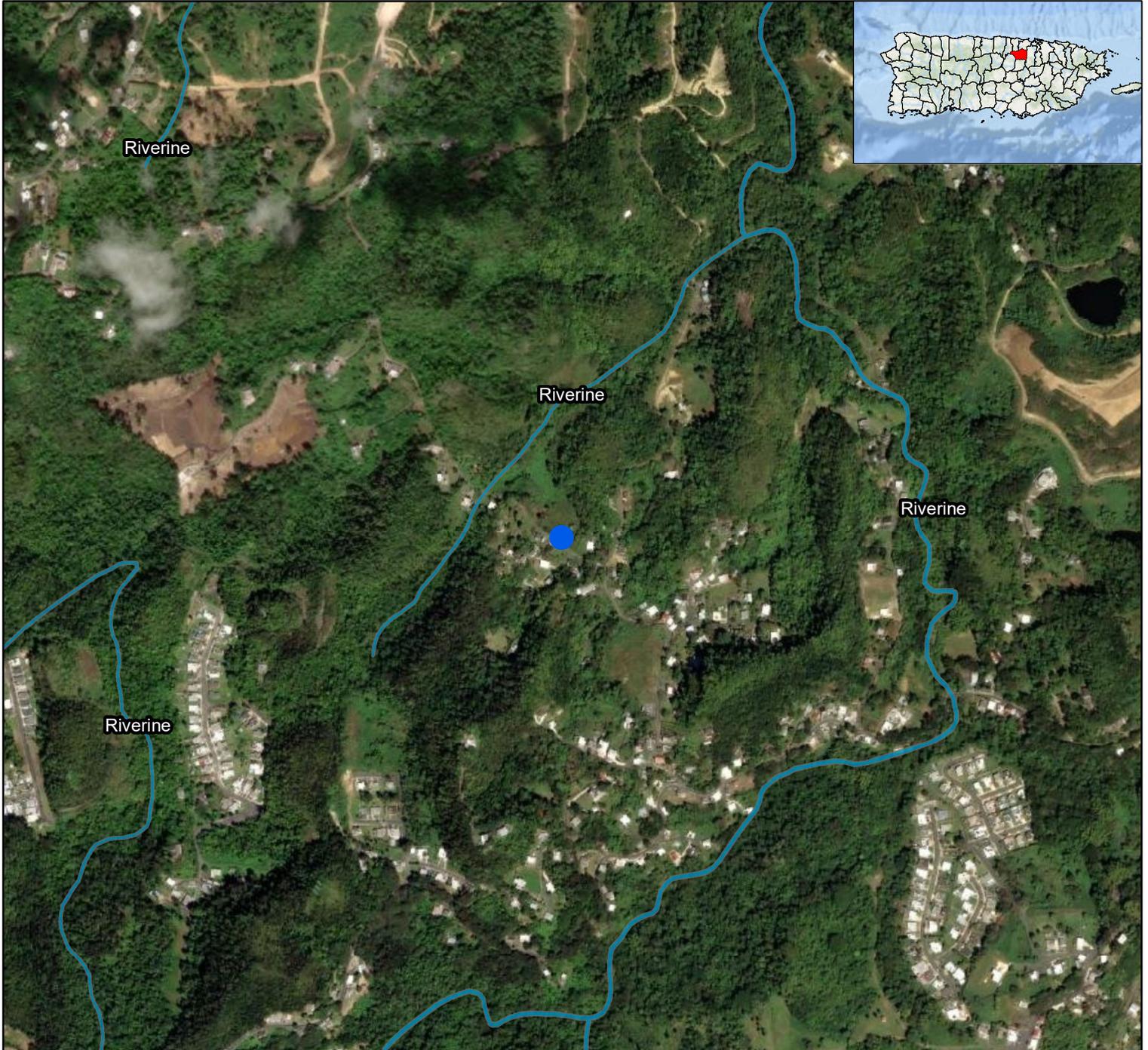
U.S. Fish and Wildlife Service - National Wetlands Inventory
<https://www.fws.gov/program/national-wetlands-inventory>



1:10,000

Figure 12: Wetlands Map

Puerto Rico Department of Housing ReGrow

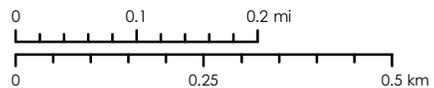


Legend:

 PR-RGRW-03684

National Wetlands Inventory

 Riverine



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Source

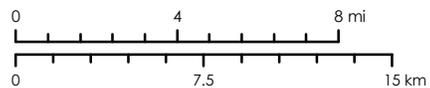
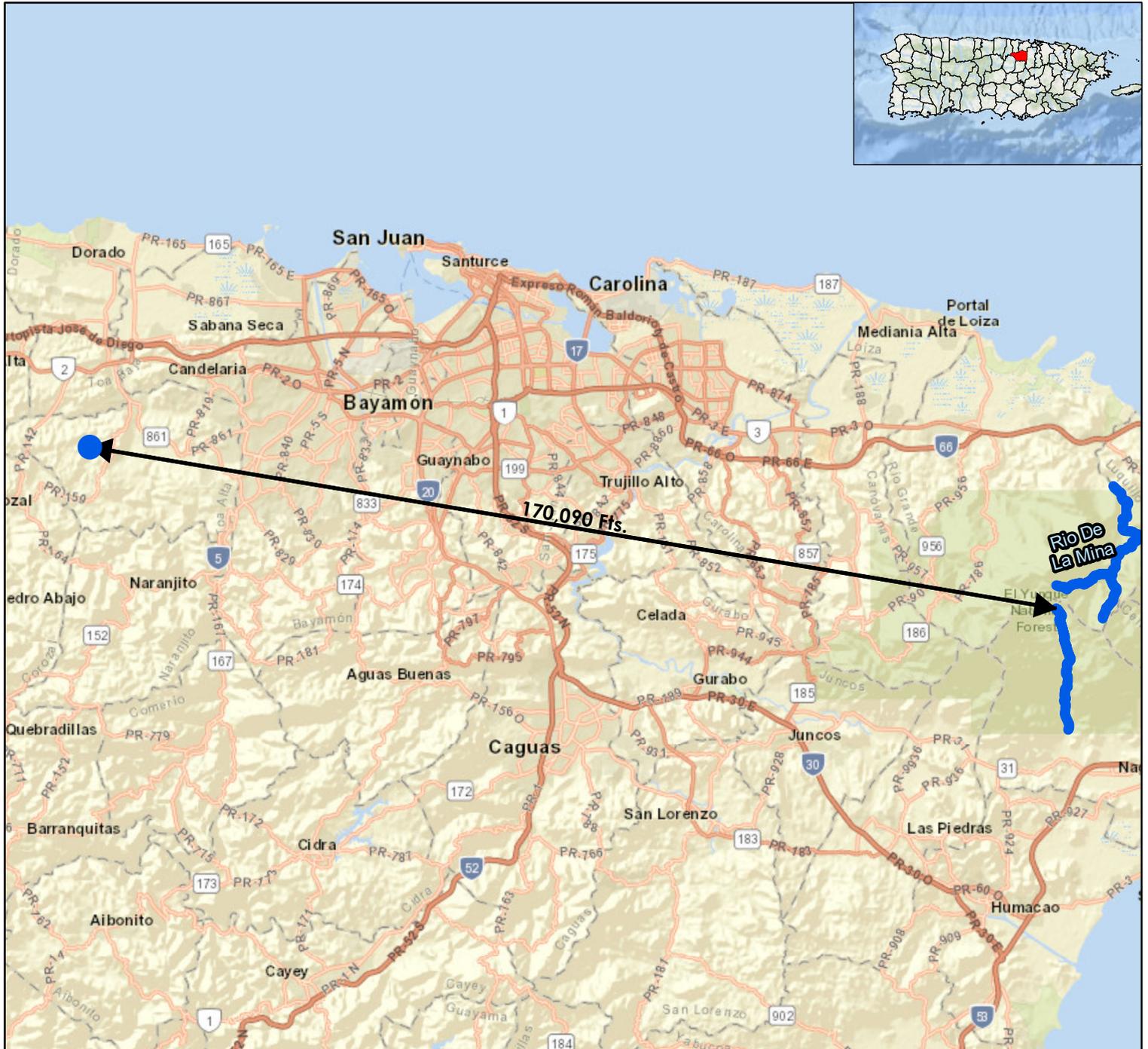
U.S. Fish and Wildlife Service - National Wetlands Inventory
<https://www.fws.gov/program/national-wetlands-inventory>

1:10,000

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Figure 13: Wild and Scenic Rivers

Puerto Rico Department of Housing ReGrow



Legend:

- PR-RGRW-03684
- Wild and Scenic Rivers

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Source

FWS National Wild and Scenic Rivers System
<https://www.rivers.gov/mapping-gis.php>



1:300,000