

Environmental Assessment

Determinations and Compliance Findings for HUD-assisted Projects

24 CFR Part 58

Project Information

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: Puerto Rico

Preparer: Clifford Jarman, Senior Environmental Scientist, Tetra Tech, Inc.

Certifying Officer Name and Title:

Juan Carlos Perez-Bofill - Director, Disaster Recovery CDBG-DR
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Consultant (if applicable): Tetra Tech Inc.

Direct Comments to environmentcdbg@vivienda.pr.gov

Project Location: Calle Monsenor J. Torres esquina Calle Valentin Perez, Moca, Puerto Rico 00676. Coordinates: 18.392063, -67.112277. (Parcel ID#s 070-032-023-57-000 and 070-042-023-63-000) See Figure 1 in Appendix A.

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]: The main objective of this project is to create more parking areas for the city, a stage for outdoor activities, and a meeting point in case of a natural event: Construction of a paved concrete parking lot that will also be used as a small square for outdoor activities. In addition, this place will serve as a meeting point and a first response space for any natural event. The new area will also be used as a space where emergency vehicles and services can locate to provide services

and supplies after any sort of disaster. The project incorporates a large parking area where vehicles or containers can be parked without obstruction. Therefore, it must be free of obstacles like trees and “Wheel stops.”

The main undertaking for this project is the construction of a concrete surface that provides approximately 82 parking spots for regular cars or 22 emergency vehicles and trailers. This parking area will be provided with electrical connection points for emergency vehicles and a transfer switch that allows for connection of a portable emergency generator to power temporary emergency vehicles.

Additional improvements include construction of a roofed performance platform and small bathroom facilities that will serve the community daily. These are the only buildings on site, and total around 800 square feet of construction. Towards the southern side of the project, in front of an existing school, new gardens will provide shaded seating areas and access to the restroom facilities. In the lot’s corner, a small square will serve as both plaza and viewing area for the performance platform.

The site’s existing storm sewer pipe and catch basins will be improved as part of this project.

Trees will be planted on Valentin Pérez and Monseñor Streets, as well as on the site’s perimeter, as part of greening initiatives. Additionally, the bathroom building’s façade will be planted with vines.

Lastly, ground disturbances are limited to shallow excavations for footings of the proposed buildings and a stormwater retention system. The proposed site improvements require that runoff be captured and managed on site. For this purpose, an underground storm water retention chamber system will be installed. This excavation is 56 by 6 meters in area and limited to 1.5 meters from existing grade at its deepest point.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]: The need for the action is for paved parking in the downtown area that will allow better access and continuity to the Urban Center of Moca (within a 15 minute walk). Paved parking would be resilient to storm conditions. The purpose of the proposed project is to improve the public infrastructure, complying with ADA regulations, promote pedestrian safety, and provide a central area that can be used by emergency vehicles during storm events. The goal of the project is to revitalize and improve downtown Moca without impacting green spaces or open spaces within the urban setting. The improvements should also add pedestrian crossings, allowing better access and continuity to the Urban Center of Moca.

These improvements are part of the “City’s Master Plan” to connect significant points of interest in the city within a 15-minute walk and to bring residents back to the urban center.

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

The proposed project is located on the southwest corner of the intersection of Calle Valentin Perez and Calle Monsenor J. Torres in the Municipality of Moca. The construction site lies in a developed area of urban and commercial spaces within downtown Moca. The site is currently used as unpaved parking. The site has a storm sewer pipe and catch basins within the site connect to the municipal system through this lot. These will be improved as part of this project.

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001; B-18-DP-72-0001; B-19-DP-78-0002; B-18-DE-72-0001	Community Development Block Grant – Disaster Recovery (CDBG-DR)	\$11,938,162,230

Estimated Total HUD Funded Amount: \$1,192,509.31

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$1,192,509.31

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is not located within an FAA-designated civilian airport Runway Clear Zone (RCA) or Runway Protection Zone, or within the military Airfield Clear Zone (CZ) or Accident Potential Zone/Approach Protection Zone (APZ), based upon information from the airport or military airfield administrator identifying the boundaries of such zones. The project is 36,163 feet from the civilian Rafael Hernandez International Airport and 386,072 feet from the military airport collocated with the Luis Munoz Marin International Airport. The project is in compliance with Airport Hazards requirements. See Figure 2 in Appendix A.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project site is not located on a designated Coastal Barrier Resource System unit. The project is located 17,667 feet to the East from the nearest CBRS system in Aguada-Aguadilla area. Thus, the project has no potential impact on CBRS Unit, and it is in compliance with the Coastal Barriers Resources Act. See Figure 3 in Appendix A.

<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This project is located within Zone X per Flood Insurance Map 72000C0165J, effective date November 18, 2009. This project is in compliance with Floodplain Insurance requirements. See Figure 4 in Appendix A.</p>
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STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located within an “attainment” area. The project site is in the Barrio Pueblo of the Municipality of Moca. The Municipio of Moca is not listed in the EPA Green Book “Puerto Rico Nonattainment/Maintenance Status for Each County by Year for all Criteria Pollutants” (See the List in Appendix B). During construction, the contractor will implement controls for fugitive dust. The project is in compliance with Clean Air Act. Refer to EPA listing in Appendix B.</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located 18,682 feet from the nearest coast. The scope of application or jurisdiction of the Coastal Zone Management Program is defined as one kilometer (1 km Or 3,281 feet) strip inland, as well as additional distances to include key coastal natural systems. The Project site is located 15,401 feet from the jurisdiction of the Coastal Zone Management Program. The proposed project does not affect a coastal zone as defined in the PR Coastal Zone Management Plan. The project is in compliance with the Coastal Zone Management Act. See Figure 5 in Appendix A.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed action will occur on a undeveloped site. In the past, the site was used for agricultural activity of minor products and sugar cane. In the mid-twentieth century the town began to expand, and the fields were eliminated in its urbanization process. All remnants of the agricultural past have been eliminated from the site and its surroundings. Photos of the site (See Appendix E) do not show any debris, distressed vegetation, or storage tanks.</p> <p>Asbestos and lead based paint surveys were conducted on the site. No ACM or LBP materials were found on premises. See Appendix C for the reports.</p> <p>The NEPA Assistance Website was used to identify known contaminated landfills or other sites, properties, or emission sources within a one-mile radius. According to the information, this radius has seven RCRA generators including gas stations, hospital, and business with emergency power generators were within 3,000 feet of the project site. See Figure 6 in</p>

		<p>Appendix A. None of these seven sites have violations for the last three years. See ECHO reports of these sites in Appendix C.</p> <p>The search showed one toxic release site involving stormwater on Calle Caazan Lasaye, in front of the public plaza 1,363 feet northwest of the project site. See Figure 6 in Appendix A. See ECHO report of this release site in Appendix C. With these conditions and the distance, there would not be any impacts to the project site.</p> <p>The HUD standard for radon is 4 picoCuries per liter (pCi/L) for residential buildings. Indoor Radon levels below this level are considered acceptable in homes. While this project does not include a residence there could be some mid- to long-term occupancy (greater than 4 hours a day). There is not much data on indoor radon levels in Puerto Rico. According to the USGS Open-File Report 93-292-K "Geologic Radon Potential OF Guam and Puerto Rico" the following municipios have had indoor radon measurements that have exceeded 4 pCi/L: Camuy, Ciales, Hatillo, Lares, Morovis, and San Sebastián. The Report also assessed the factors that could lead to moderate to high levels of geologic radon potential. The area with the high potential (greater than 4 pCi/L) radon potential is the Utuado Pluton. The municipios of Utuado (southwestern half), Jayuya (southern central third), Lares (east central), Adjuntas (minor portions of northern), and Ponce (minor portions of northern) have areas in the Utuado Pluton. See Appendix C for Justification for the Infeasibility and Impracticability of Radon Testing. The project site is not within any of these areas, and radon exposure will not be a health issue. The subject and adjacent properties are free of hazardous materials, contamination, toxic chemicals, gasses, and radioactive substances which could affect the health or safety of occupants or conflict with the intended use of the subject property.</p> <p>The project is in compliance with Contamination and Toxic Substances requirements.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is a cleared unpaved site within a developed area of the Municipality of Moca. The Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website lists the Puerto Rican Boa as being able to be found in the area, but there are no critical habitats for them at this location. (See Appendix</p>

		<p>D). According to the USFWS, the nearest critical or proposed critical habitat is 9.51 miles to the east of the project location. See Figure 7 in Appendix B.</p> <p>A site-specific review of endangered species was conducted in accordance with the Fish and Wildlife Act (47 Stat. 401, as amended: 16 U.S.C. 661 et seq.) and the Self-Certification guidelines in the 2014 USFW Caribbean Ecological Services Field Office Blanket Clearance Letter.</p> <p>Based on the nature of the project, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, it was determined that the project is not likely to adversely affect listed species and a self-certification through the Blanket Clearance Letter was made. The USFWS concurred the project qualified for the Blanket Clearance Letter on May 13, 2024.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines.</p> <p>Refer to Figure 7 in Appendix A and the Endangered Species Package in Appendix D. This project is in compliance with the Endangered Species Act.</p>
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<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>While the project will provide resilience and new venue for events and the management of emergencies, the project does not involve the development, construction, or rehabilitation that will increase residential density or conversion.</p> <p>While the proposed parking area will be provided with electrical connection points for emergency vehicles and a transfer switch that allows for connection of a portable emergency generator to power temporary emergency vehicles, the proposed project does not include the installation of generators or fuel sources. During emergencies the site will be used by emergency vehicles and services to provide services and supplies. These vehicles and services may involve the use of temporary portable emergency generators. They will be fully compliant with the requirements for emergency power generators and fuel storage.</p> <p>Examination of aerial views and street views show no above ground storage tanks within the acceptable</p>
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		<p>separation distance that would not be blocked by intervening public infrastructure.</p> <p>Thus, the project is in compliance with explosive and flammable hazard requirements.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project site is an unpaved area used for parking in a developed are of the Municipality of Moca. The project consists of the construction of a paved concrete parking lot, a roofed performance platform, and small bathroom facilities.</p> <p>The soil at the site is classified as MuD3 with 12 to 20 percent slopes and is severely eroded. This soil is classified as farmland of statewide importance. See soils report in Appendix E.</p> <p>The site is in an area classified as urban by the U. Census (See figure in Appendix F). The project site is not used for agricultural purposes. The land use will not be converted from agricultural uses. The project complies with the Agricultural Land Protection Policy Act.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not located in the Federal Flood Risk Management Standard (FFRMS) floodplain. The extent of the FFRMS floodplain was determined using the 500-year floodplain as indicated on the ABFE Map (See Figure 8 in Appendix A), https://gis-r2-fema.hub.arcgis.com/pages/puertorico.</p> <p>This project is in compliance with Executive Order 11988. See Figures 4 and 8 in Appendix A.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The site was evaluated on October 4, 2023 and again on March 15, 2024, by an SOI Qualified Architect/Architectural Historian. Additionally, the site was evaluated on October 4, 2023 and April 10, 2024, by an SOI Qualified Archaeologist. (See Appendix F). SHPO concurred with a finding of No Historic Properties Affected within the project’s Area of Potential on Effects on June 13, 2024.</p> <p>Refer to the Section 106 Consultation Package in Appendix F. This project is in compliance with Historic Preservation requirements.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Although this is new construction, the proposed activities will not impact nearby communities. The proposed use as a parking area is consistent with current use. There would be no increase in noise. The proposed action will be conducted during normal construction hours (7:00 am to 4:00 pm) using equipment with internal noise suppression systems. Noise assessment is required only if the project is for new construction or rehabilitation for residential use.</p>

		Thus, no noise assessment is required for this project and the project is in compliance with the Noise Control Act.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no EPA sole source aquifers in Puerto Rico. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with Sole Source Aquifer requirements. See Figure 9 in Appendix A.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The proposed activities involve the construction or reconstruction of public infrastructure in a previously developed area. There is no wetland within or adjacent to the immediate action area and will likely not result in direct or indirect permanent impacts to wetlands. See Figure 10 in Appendix A.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has only three Wild and Scenic Rivers which are located in the boundary between the municipalities of Rio Grande and Luquillo and in Naguabo. These rivers are 459,795 feet from the project site. There will be no impact to Wild and Scenic Rivers and complies with Wild and Scenic rivers Act of 1968. See Figure 11 in Appendix A.

ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project will benefit low- and moderate-income communities. Thus, there will be no disproportionate impact on these communities. No adverse environmental impacts were identified in the project's total environmental review. The project is in compliance with Executive Order 12898.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below are the qualitative and quantitative significance of the proposal's effects on the project area's character, features, and resources. Each factor has been evaluated and documented as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable, and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed, and applicable approval permits have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation, or mitigation measures have been identified.**

Impact Codes: Use an impact code from the following list to determine each factor's impact.

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	According to the current qualification map, the land is considered “Dotacional” and Urban Land. This district is designed to construct ancillary buildings as part of the public infrastructure of the cities and towns around Puerto Rico. The project is currently used as a parking area. The proposed use would continue to be parking. The planned roofed performance platform would not result in any change to land use, zoning, scale or urban design.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The site is flat with internal drainage facilities. The construction of a paved concrete parking lot, a roofed performance platform, and small bathroom facilities. Soils at the site are rated as very limited (See Appendix E). However, soils are not expected to affect the limited construction of structures. The proposed site improvements require that runoff be captured and managed on site. For this purpose, an underground storm water retention chamber system will be installed.
Hazards and Nuisances including Site Safety and Noise	3	Require contractors to provide health and safety plans and monitoring during construction. The project is well-located, and the design should comply with all applicable regulations to reduce natural and man-made risks to people or property damage to both the public and users of the project. They can be included as integral components of the proposed project design by the designer (engineering designs, and/or elevation or flood protection) and can be implemented with the proposed project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	1	The project will generate temporary work for the construction period. Additionally, additional municipal permanent staff will be added to provide maintenance services to revitalize the infrastructure. This infrastructure will improve livability conditions within Moca and represent the opportunity to create employment. The proposed project will assist in employment and income patterns; therefore, it leads to favorable developments for commercial, industrial, and institutional operations in the project area with better accessibility to the urban area.
Demographic Character Changes, Displacement	2	The proposed project will not significantly alter the demographic characteristics of the communities involved. Most of the proposed activities will promote the local economy and generate new job opportunities and new business opportunities by having access that integrates the community into the urban area. The proposed project will not create physical barriers or access difficulties that isolate a particular neighborhood or population group, nor will it hinder access to local services, facilities, and institutions, or other parts of the city. The project will not alter the tourist, historical, commercial, or residential uses since the proposed activities serve as an ancillary use of the commercial behavior of the area.
Environmental Justice	1	The project will benefit low- and moderate-income communities. Thus, there will be no disproportionate impact on these communities. No adverse environmental impacts were identified in the project's total environmental review. The project is in compliance with Executive Order 12898.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The proposed action will not affect educational facilities.
Commercial Facilities	1	The proposed action will improve access to businesses and commercial facilities in its surroundings due to better all-weather parking.
Health Care and Social Services	2	The proposed project would have little effect on regional health facilities and will not create the need for additional health care facilities. The project would not cause an increase in the demand for social services at the city or Island level.
Solid Waste Disposal / Recycling	2	The proposed action involve grading and paving a parking area and will result in minimal generation of any amounts of construction debris. Some fill/rubble may result which will be recycled if possible or transported to the appropriate landfill. During operations, the

		municipality of MOCA will provide disposal/recycling services. The overall impact in the management of solid waste in Moca will be minor.
Waste Water / Sanitary Sewers	2	The project will manage storm water during rain events. The proposed bathrooms would be connected to the city sewer system. During operations, the capacity for treatment will be provided by the PR Aqueduct and Sewer Authority.
Water Supply	2	The proposed action will not have an impact on water supply within the Moca area. During construction, most of the consumption is supplied by non-potable water trucks and will not cause increases in water demand in the area. During operations the water for the bathrooms would be provided by the PR Aqueduct and Sewer Authority.
Public Safety - Police, Fire and Emergency Medical	2	The new project is not expected to strain the effectiveness of these local services. The proposed actions will increase the resiliency of the area by providing space for emergency services during emergencies.
Parks, Open Space and Recreation	1	The proposed project is located next to the center of Moca. The improved parking will have a positive impact on the surrounding open spaces and recreational facilities.
Transportation and Accessibility	1	The proposed project would improve accessibility in the area by providing much all-weather parking.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project is not expected to cause any water quality problems at or around the construction site. Construction activities must implement the best management practices and will not imply discharges or sewage effluents to surface water bodies. Currently, the site consists of open ground in a developed area. Therefore, unique natural features are not expected to be affected or impact the proposed project.
Vegetation, Wildlife	2	The site is a cleared unpaved are used for parking. It is not anticipated that trees, vegetation, or native plant community habitats will be adversely affected..
Other Factors	2	N/A

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change Impacts	2	The activities of the proposed project take place next to the center of Moca. Paving the site will have a minor increase in the area's urban heat island effect. There would be no changes to the site configuration

		or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity. With respect to climate change impact on the project, there would be no impacts.
Energy Efficiency	1	During construction, most of the consumption is by internal combustion engines, it will not impact the power grid. Only the bathrooms and possibly the performance platform would include lighting. The lighting would be new efficient LED lighting. During emergencies power will be supplied by portable generators.

Additional Studies Performed:

Asbestos Survey, August 2023, CHES Services Co.
 Lead Based Paint survey, August 2023, CHES Services co.

Field Inspection (Date and completed by):

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

1. USFWS National Wetland Inventory
2. Puerto Rico Planning Board – MIPR map interphase
3. DRNA - Department of Natural and Environmental Resources
4. USFWS – Endangered Species Act Puerto Rico Reference Map
5. NEPAAssist - National Environmental Policy Act
6. Environmental Protection Agency
7. Federal Emergency Management Agency
8. State Historic Preservation Office

List of Permits Obtained:

None

Public Outreach [24 CFR 50.23 & 58.43]:

This project includes a Finding of No Significant Impact and a Notice of Intent for Release of Funds that were issued for public review in compliance with HUD NEPA requirements.

Cumulative Impact Analysis [24 CFR 58.32]:

Cumulative impacts result from the incremental effect of the proposed action when added to other past, present, and reasonably foreseeable future actions, regardless of what entity (government or private) undertakes such other actions. Across the street from the proposed action site lot is another unpaved area next to the baseball field, that is proposed for construction of a multi-use community center. Cumulative impacts are not expected to be significant. Existing green spaces and open spaces will not be reduced. The following cumulative impacts could be expected. The projects will impermeabilize the project sites and could increase the stormwater flow reaching the Culebrinas River. To minimize this impact, the project design requires that runoff be captured and managed on site. For this purpose, an underground storm water retention chamber system will be installed.

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

The project site is currently used for parking but is unpaved, unsuitable for ADA access, and becomes muddy and unsuitable for use as a central location for emergency vehicles during storm events.

The need for the action is for storm resistant paved parking in the downtown area that will allow better access and continuity to the Urban Center of Moca (within a 15 minute walk). The purpose of the proposed project is to improve the public infrastructure, complying with ADA regulations, promote pedestrian safety, and provide a central area that can be used by emergency vehicles during storm events. The goal of the project is to revitalize and improve downtown Moca without impacting green spaces or open spaces within the urban setting.

The proposed action is to improve the existing site. Another location that could be used is the undeveloped area to the east next to the baseball field. That location is also undeveloped and not currently used as a green space or open space. However, it is slated for development as a multi-use community center. Other locations within the walking distance goal are used as green spaces or open spaces.

Alternative upgrades (e.g., simple regrading, gravel paving, addition of parking bumpers) would not increase the resiliency of the parking lot in weather events, and would not improve ADA accessibility.

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

Currently, the Municipality maintains the existing lot which is used as unpaved parking. The site is located within one of the main entrances to the Municipality of Moca and is heavily used. If the proposed project is not implemented, there would be no improvement to parking conditions or resiliency of the area to weather events, and the ADA access would remain limited. The parking access to the central downtown area would remain unattractive during muddy conditions.

Summary of Findings and Conclusions:

This project will provide the citizens with new public infrastructure that serves all levels of residents by providing a much-needed public infrastructure designed for parking and open space. It will also help attract visitors from other areas, likely increasing the municipality's economic activities. Because the site was previously impacted, there will be no significant environmental impact due to this action. Providing the appropriate public access infrastructure improves landscape conditions without impacting ecological resources in the area.

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

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

Law, Authority, or Factor	Mitigation Measure
Erosion	Plan for Erosion and Sedimentation Control
Stormwater	USEPA Construction General Permit SWPPP
Endangered Species	If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines.

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.

Preparer Signature:  Date: 10/02/24

Name/Title/Organization: Clifford Jarman, Senior Environmental Scientist, Tetra Tech, Inc.

Certifying Officer Signature:  Date: 10/02/2024

Name/Title: Sally Z. Acevedo Cosme- Permits and Environmental Compliance Specialist

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

Appendix A



North

Legend



Site polygon

Project Location: Calle Monseñor J. Torres
Project Coordinates: latitude 18.391988° longitude -67.112296°
Map Source: [Google Earth](https://www.google.com/maps)



Figure 1: Project Location

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)
Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)
Source: Google Earth
Website: <https://www.google.com/maps>
Author: Tetra Tech Inc.

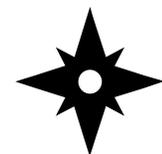




Figure 2: Airport Hazards

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

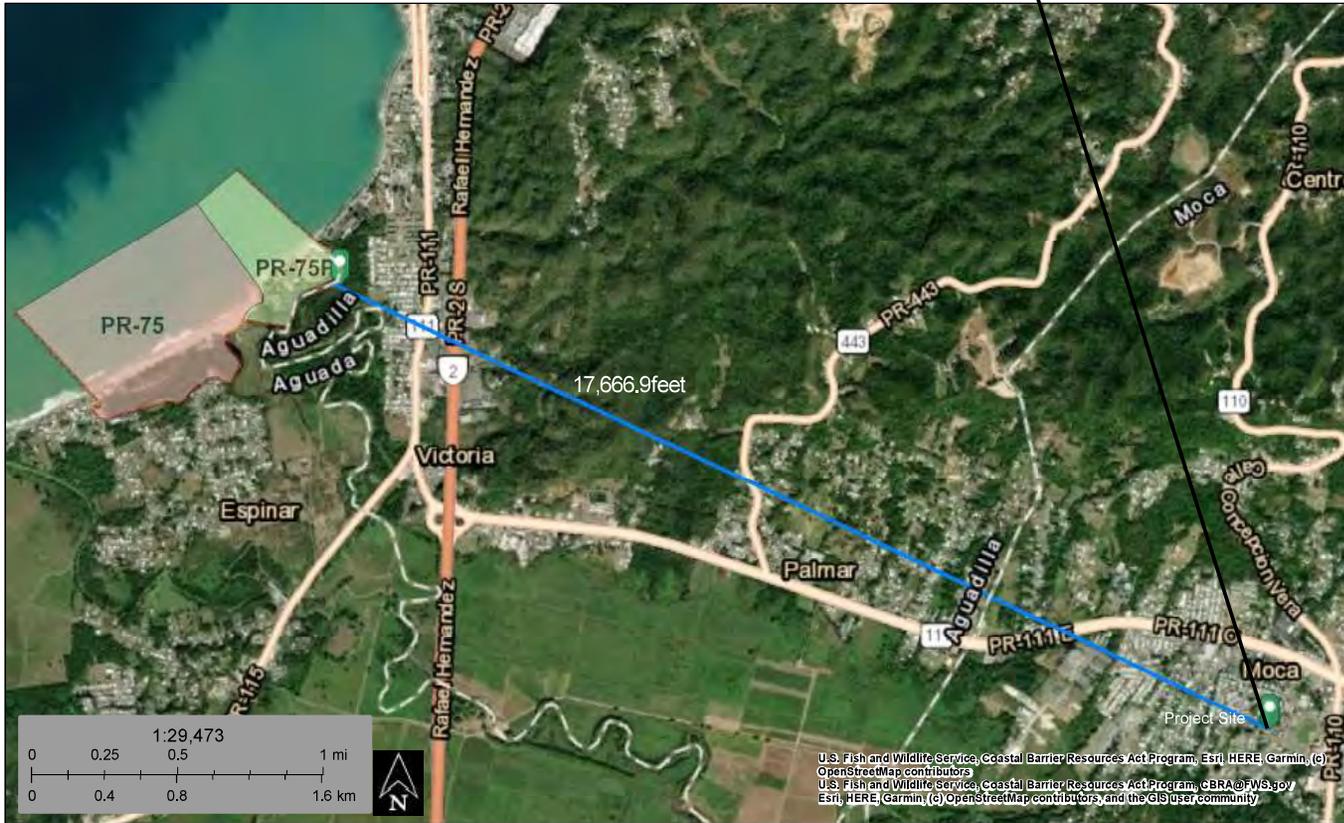
Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: Google Earth, CRIM, PR SHPO, NSPS NRIS

Website: <https://www.google.com/maps>

Author: Tetra Tech Inc.





U.S. Fish and Wildlife Service, Coastal Barrier Resources Act Program, Esri, HERE, Garmin, (c) OpenStreetMap contributors
U.S. Fish and Wildlife Service, Coastal Barrier Resources Act Program, CBRA@FWS.gov
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

May 1, 2023

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



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

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

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward <https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/> This page was produced by the CBRS Mapper

Figure 3: Coastal Barrier Resources System Map

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)
Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)
Source: USFWS
Website: <https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/>
Author: Tetra Tech Inc.



National Flood Hazard Layer FIRMette



Estacionamiento y Plazoleta PR-CRP-000870

Legend

SEE FIRM REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, X, SE, AE
- With BFE or Depth Zone AE, AH, AO, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone F
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone F
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- Area of Minimal Flood Hazard Zone B
- Effective LOMs
- Area of Undetermined Flood Hazard Zone B

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

CROSS SECTIONS WITH 1% ANNUAL CHANCE

- Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/1/2023 at 4:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation data, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

<https://msc.fema.gov/portal/search>



Figure 4: Floodplain Insurance Map

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: FEMA

Website: <https://msc.fema.gov/portal/search>

Author: Tetra Tech Inc.





Figure 5: Coastal Zone Management

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

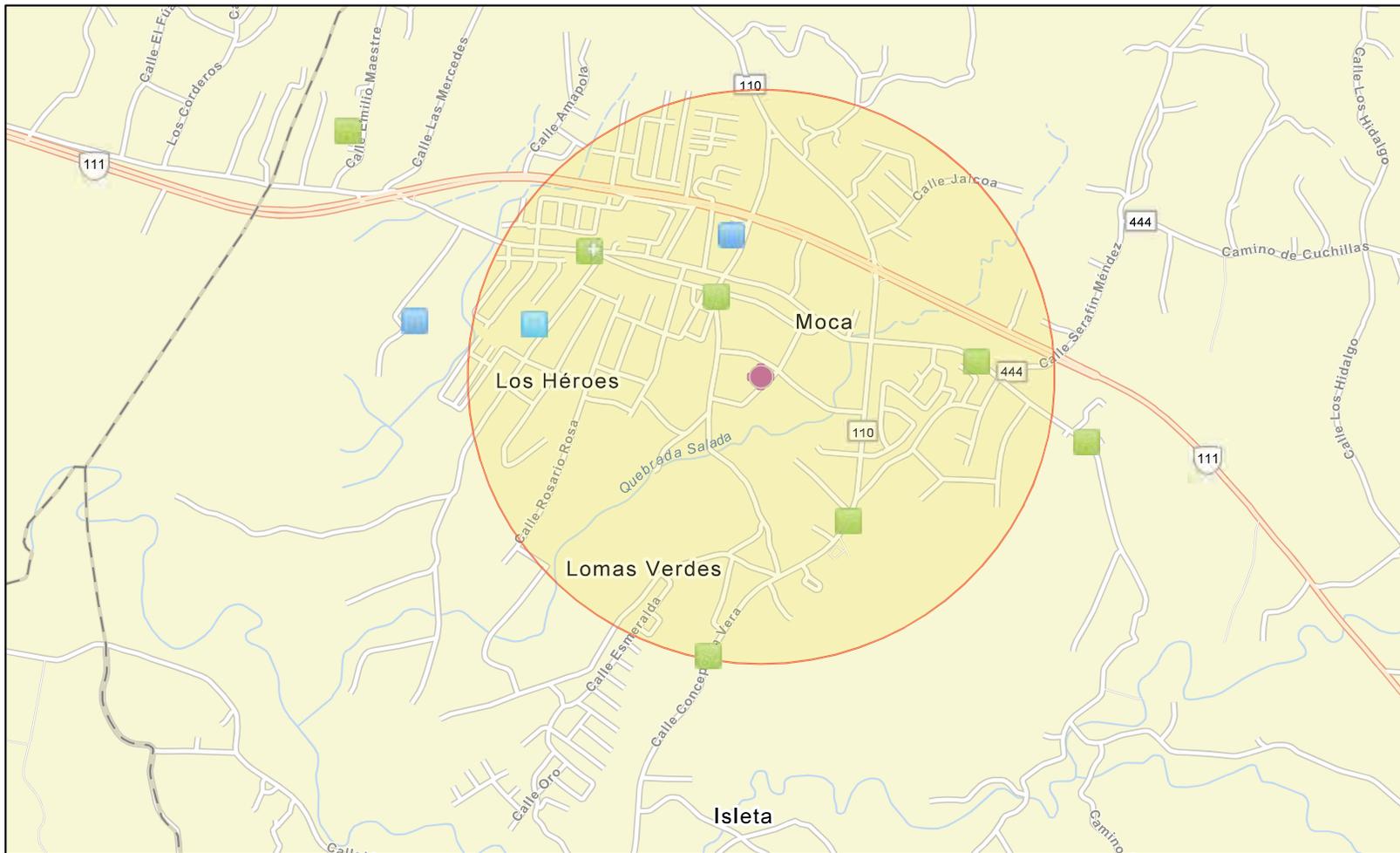
Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: PR DRNA

Website: https://www.drna.pr.gov/historico/oficinas/arn/re_cursosvivientes/costasreservasrefugios/pmzc/pmzc/pmzc2009/PMZCPR%20espanol%202009-fina.pdf

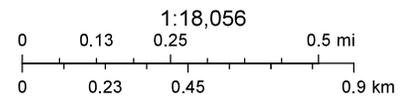
Author: Tetra Tech Inc.





May 15, 2024

- Toxic Releases (TRI)
- Hazardous Waste (RCRAInfo)
- Water Dischargers (NPDES)
- Project 1
- Hazardous Waste (RCRAInfo)
- Water Dischargers (NPDES)
- + Search Result (point)
- 3000 foot Project Buffer



Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SaleGraph, GeoTechnologies, Inc, MET/NASA, USGS, NPS, US Census

Figure 6: NEPAassist Map

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: NEPAassist Mapper, EPA

Website: <https://nepassistool.epa.gov>

Author: Tetra Tech Inc.



Critical Habitat for Threatened & Endangered Species [USFWS] PR-CRP-000870

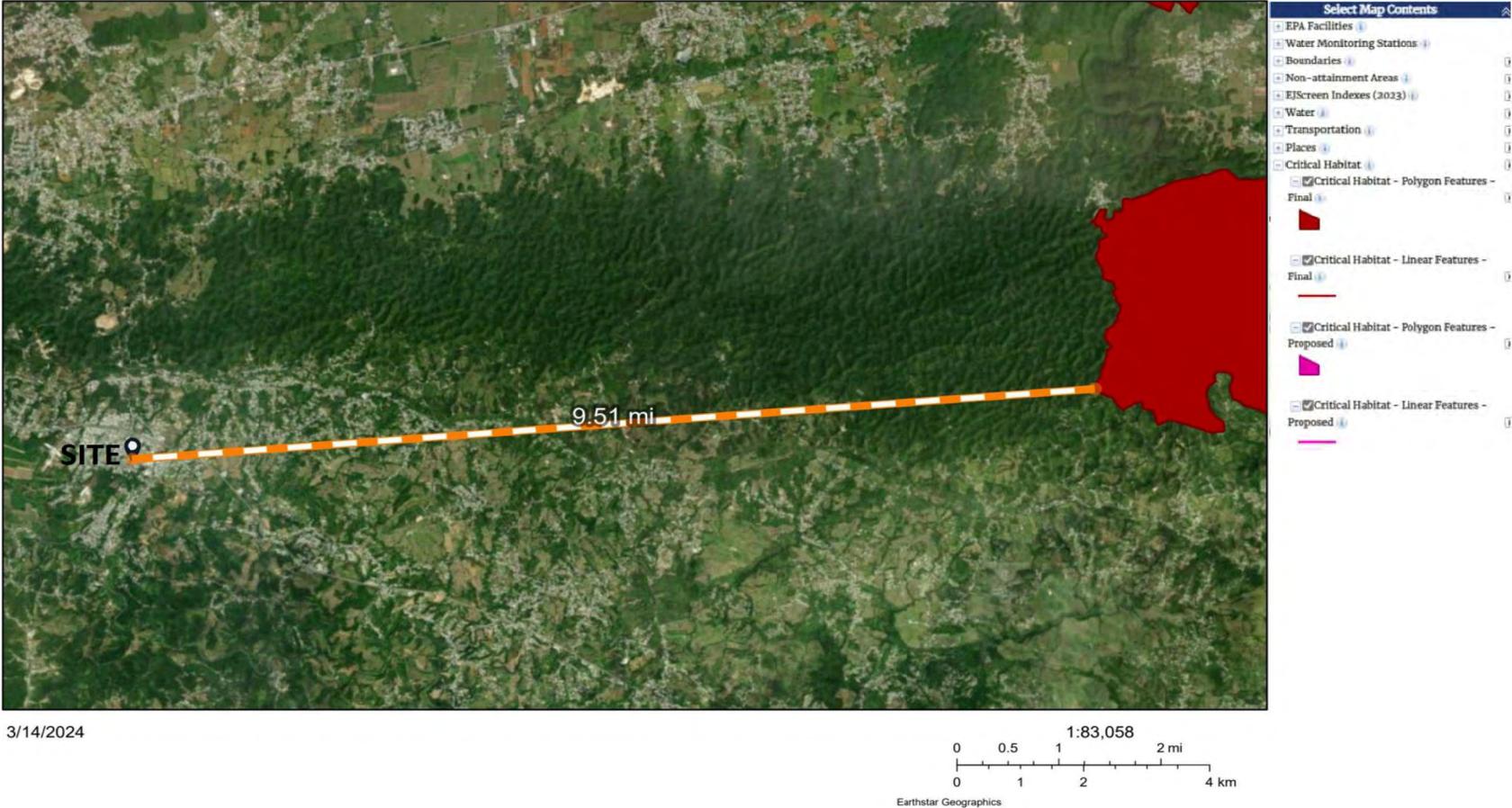


Figure 7: Critical Habitat for Threatened and Endangered Species

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)
Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)
Source: USFWS
Website: [Critical Habitat for Threatened & Endangered Species \[USFWS\] \(arcgis.com\)](https://www.usfws.gov/land-management/critical-habitat/)
Author: Tetra Tech Inc.



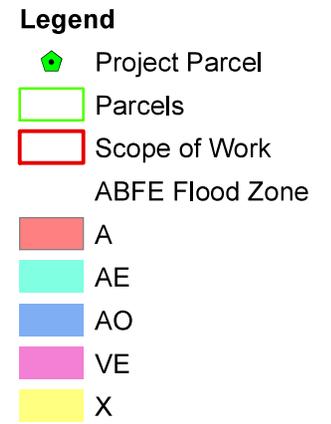
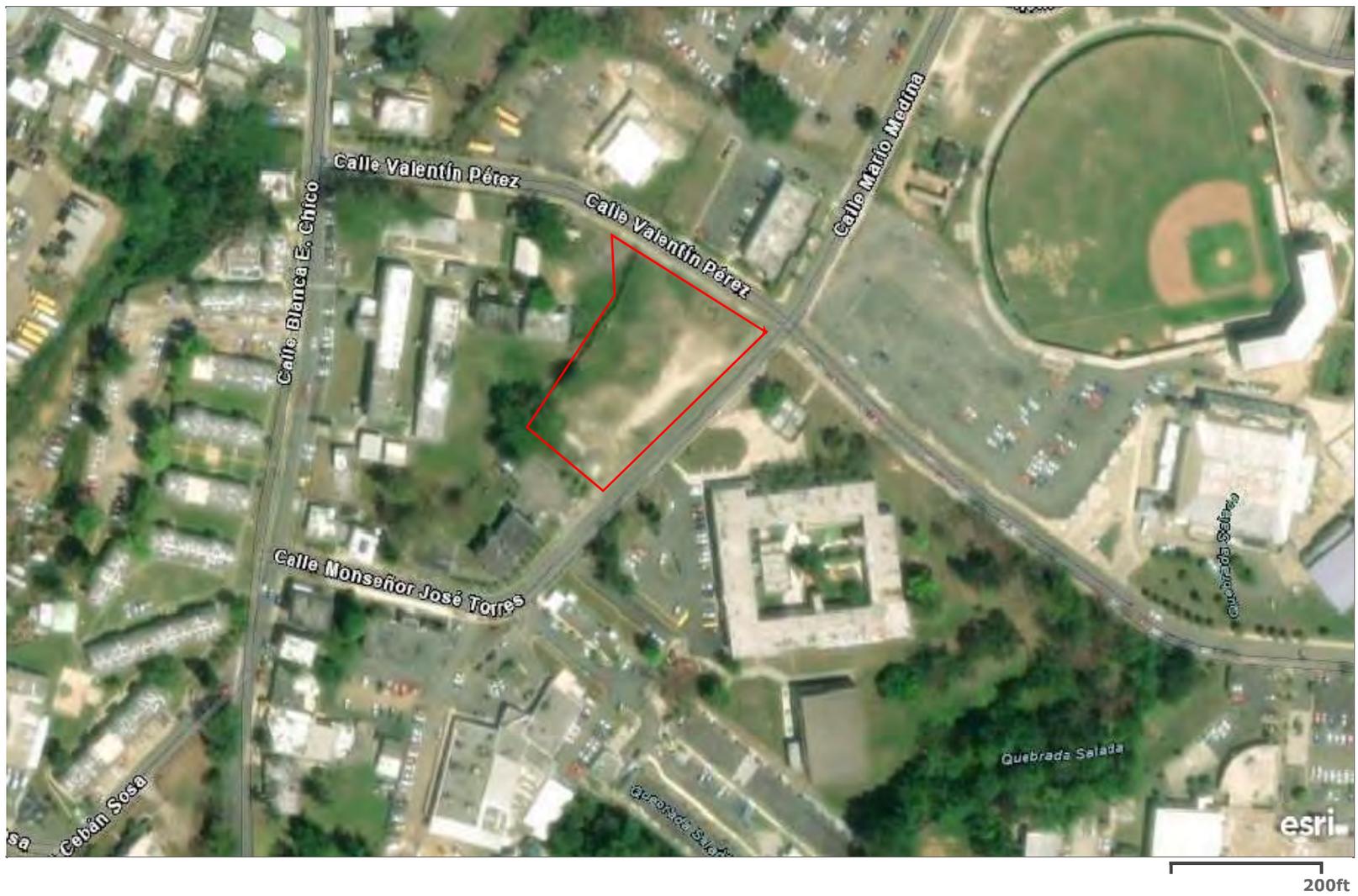


Figure 8: ABFE Map

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: FEMA, ESRI

Website: <https://www.arcgis.com/>

Author: Tetra Tech Inc.

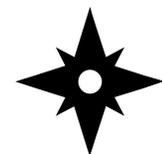




Figure 9: Sole Source Aquifer Map

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: EPA

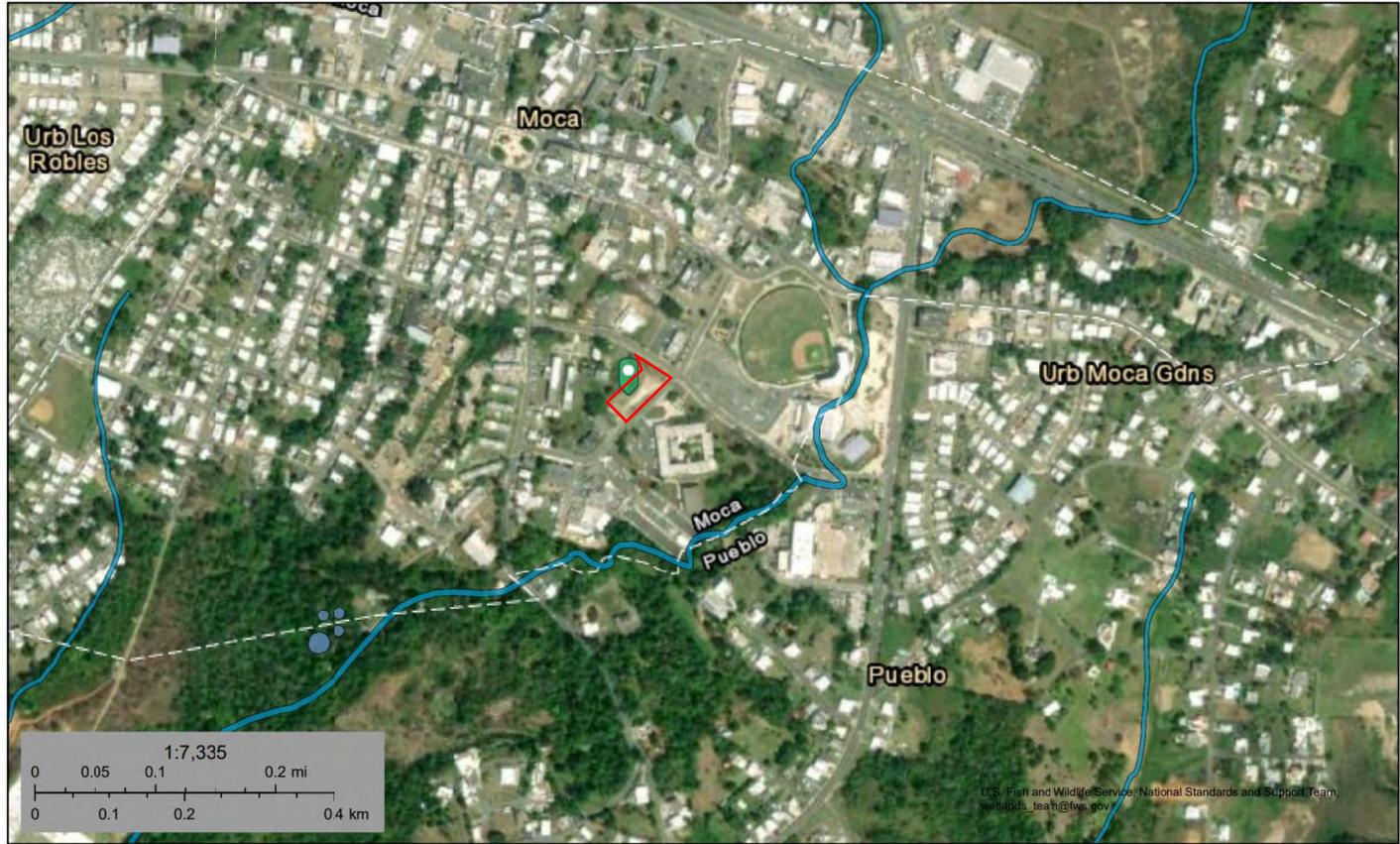
Website: <https://www.epa.gov/dwssa>

Author: Tetra Tech Inc.

Legend

- Project Area
- Sole Source Aquifers





March 14, 2024

Wetlands	Freshwater Emergent Wetland	Lake
Estuarine and Marine Deepwater	Freshwater Forested/Shrub Wetland	Other
Estuarine and Marine Wetland	Freshwater Pond	Riverine
		Project Area

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Figure 10: Wetlands Map
 Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)
 Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)
 Source: USFWS NWI
 Website: [National Wetlands Inventory \(usgs.gov\)](https://www.usgs.gov/national-wetlands-inventory)
 Author: Tetra Tech Inc.



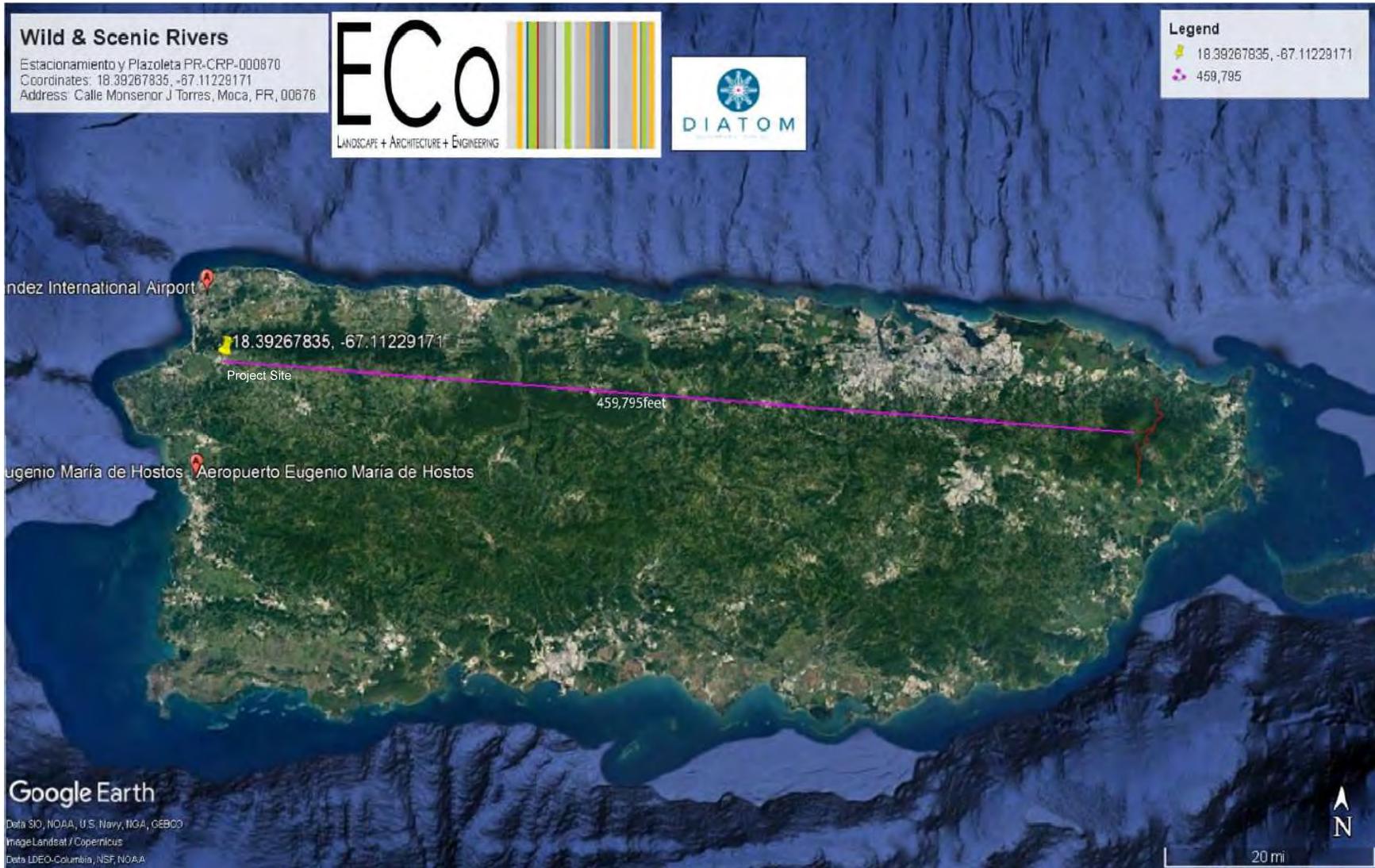


Figure 11: Wild and Scenic Rivers

Project Name: Estacionamiento y Plazoleta Autonomous Municipality of Moca (PR-CRP-000870)

Location: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres, Moca, PR 00676. (18.391988, -67.112296)

Source: Google Earth

Website: <https://www.google.com/maps>

Author: Tetra Tech Inc.



Appendix B



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

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

Data is current as of February 29, 2024

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

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

Change the State:

PUERTO RICO

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	1112131415161718192021222324	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18192021222324	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	52,441	72/137

Important Notes

Appendix C



SERVICES

*PREQB Accredited Asbestos Trainings
Environmental, Health, and Safety Trainings
Occupational Health and Safety Evaluations
General Environmental/Compliance Consulting
Waste Management Consulting
Indoor Air Quality Consulting
Water, Storm Water, and Wastewater Compliance*

SURVEY REPORT FOR ASBESTOS CONTAINING MATERIALS

Project CRP-000870 Estacionamiento y Plazoleta de Actividades

Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR

August 2023

Prepared for:

ECo Landscape + Architecture + Engineering
103 Isabel Andreu Aguilar, 4th Floor, San Juan PR

Prepared by:

CHES Services, Corporation
CHES Project No.: C4549

CHES Services Corp.

d/b/a Fernando L. Rodríguez, P.E. & Associates

P.O. Box 193430 | San Juan, P.R. 00919-3430 | Web: www.flnet.ches.com

Tel: (787) 751-7810 | Fax (787) 751-8988 | Skype: *flnet.ches*

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- Appendix 4: Inspectors' Qualifications
- Appendix 5: Asbestos No Presence Certifications (if applicable)

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Ref.: C4549_CRP-000870, Moca_ACM Survey Report

Executive Summary

Our office, CHES Services, Corporation (CHES) d/b/a Fernando L. Rodríguez, P. E. & Associates (FLRA), was contracted by ECo Landscape + Architecture + Engineering, to conduct an Environmental Site Assessment to determine if Asbestos Containing Materials (ACM) are present in the building identified by the client as the Project CRP-000870 Estacionamiento y Plazoleta de Actividades located at Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR. All work was conducted by certified personnel and sampling was conducted in accordance with established sampling protocols as well.

This survey was performed to comply with the necessary regulatory requirements prior to any demolition and/or remodeling activity is conducted in the subject building structure. The survey work described in this report was conducted for ECo Landscape + Architecture + Engineering, in accordance with the CHES proposal number C4549 dated June 14, 2023. This work was performed in conformance with the scope and limitations of the applicable regulations.

This report describes the survey methodology; survey activities, laboratory analytical results and recommendations based on the assessment findings for your perusal. The survey efforts included inspection of the site, revisions of available relevant documentations, interviews with persons who know the site, and sampling activities conducted by accredited inspectors. The survey revealed the following:

CHES performed a survey to identify ACM at Project CRP-000870 Estacionamiento y Plazoleta de Actividades on July 7, 2023. During the visual inspection, no suspected ACM was identified, therefore, no laboratory analyses were required. Furthermore, no Presumed ACM were also identified.

The survey confirms that asbestos contaminants were not present in the subject property during the inspection. If any other suspected ACM is identified within the subject building that was not included in this survey, it should be sampled by an accredited inspector to determine if it does contain asbestos fibers.

1. Introduction

1.1. Scope of Work

CHES Services, Corporation (CHES) was contracted by ECo Landscape + Architecture + Engineering, to conduct an environmental site assessment at the

1.2. Special Terms and Conditions

The site assessment work described in this report was conducted for Project CRP-000870 Estacionamiento y Plazoleta de Actividades on July 7, 2023 in accordance with CHES proposal number C4549 dated June 14, 2023. This report has been prepared for the exclusive use of ECo Landscape + Architecture + Engineering.

1.3. Limitations

The survey was conducted in accordance with federal and state regulatory requirements, as well as standard industry practices. The conclusions of the report are professional opinions based solely upon visual site observations, and interpretations of analyses as described in its content. The opinions presented in this survey report apply to the site conditions existing at the time of the investigations, and interpretations of current regulations.

2. Building Description

2.1. Location and Site Description

The lots subject to this Survey Report for Asbestos Containing Materials, are located in Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR, an urbanized area in the city center. The surveyed area was identified within one cadaster numbers 070-042-023-63 as Project CRP-000870 Estacionamiento y Plazoleta de Actividades.

At the time of the site inspection efforts, the surveyed areas correspond to undeveloped land lots currently used as parking areas. Refer to Appendix 1 for aerial location map of the site and a photographic summary of site conditions during the efforts.

3. Asbestos Containing Material Survey

3.1 Survey Personnel and Laboratory

The ACM survey activities were conducted on July 7, 2023, by the accredited personnel. The accredited inspector(s) made reasonable effort to inspect all accessible areas of the subject property building for ACM.

The following accredited ACM inspectors conducted and/or assisted in during the inspection:

- **Mr. Fernando L. Rodríguez** Project Manager, CHES
Asbestos Accredited Inspector: ASB-0223-0085-SI
- **Miss Hanna K. Rodríguez** Asbestos Inspector, CHES
Asbestos Accredited Inspector: ASB-1022-0397-SI
- **Miss Carmen M. Figueroa** Asbestos Inspector, CHES
Asbestos Accredited Inspector: ASB-1022-0396-SI

3.2 ACM Survey Methodology

The criteria established by the federal and local regulations to define an ACM is to contain more than 1% by volume in the sampled material. In addition, the material is evaluated on its ability to easily release asbestos fibers, described by the regulation as "friability". The EPA Asbestos NESHAP standard defines friable ACM as any material containing more than one (1) percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. In contrast, non-friable ACM is any material that contains more than one (1) percent asbestos and cannot be crumbled, pulverized, or reduced to powder by hand pressure.

A visual inspection of all accessible building areas was conducted to locate and identify any building material suspected to contain asbestos. During the visual assessment, any suspected ACM was to be categorized by homogeneous areas (appear uniform, have a consistent texture, and appear to have been installed at the same time). Afterwards, representative samples of identified suspected ACM, were to be collected at random, and sent to the laboratory to perform the corresponding analyses for asbestos content in accordance with the recommended EPA Method for Determination of Asbestos in Bulk Samples (EPA-600/R-93/116).

After the initial visual inspection, no materials suspected to contain asbestos were identified, therefore no sampling was required. Although reasonable effort was made to survey accessible areas; additional materials could be in or behind hidden wall panels, in voids or in other concealed areas. Refer to the Appendix Section for a schematic layout and identification of the interior spaces subject to this survey.

3.2.1. ACM Survey Limitations or Exceptions

For this survey inaccessible areas are building hidden zones, systems, structural components, or surfaces which could not be observed because it was unsafe or impractical to demolish, disassemble, or remove systems or covering. Areas that were inaccessible during the survey efforts are listed in Table 1.

Table 1: Inaccessible Areas and/or Materials

Location	Explanation
N/A	All accessible areas were surveyed.

Additionally, and unless specifically noted, the survey did not cover due to the building structural conditions:

- Concealed floor coverings beneath superficial floor covering.
- Hidden and/or inaccessible locations such as in wall cavities, hidden storage areas and similar.

3.3. ACM Survey Findings

3.3.1. Analytical Results

During the inspection efforts at the subject property, no suspected ACM materials were identified, therefore sampling and corresponding analyses were not required.

3.3.2. Asbestos Containing Materials (ACM)

No ACM was identified during this survey.

4. Conclusions

The survey confirms that ACM was not found within the subject property. CHES concludes if any additional suspected asbestos-containing material is identified within the subject area that was not included in this survey, it should be sampled by an accredited inspector to determine if it does contain any of the tested contaminants.

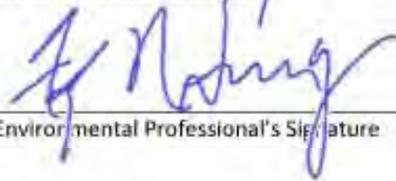
Best Management Practices (BMPs) must be followed whenever handling and disposing of any construction debris, or non-hazardous solid waste from the subject facility areas during remodeling phase, as well as handling discarded materials and equipment that can be stored or exposed to or impacted by rainwater in different areas through the subject property during this activity.

The results, findings, and conclusions expressed in this report are based on conditions that were noted on Section 3.3 during the assessment of this project. Any conditions or materials that could not be visually identified (i.e., inaccessible areas) or were out of the scope of work at hand, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the inspection to remove surface installed materials to investigate portions of the structure or materials that may lie beneath or above the existing building surfaces. Random selection of sample locations and frequency of sampling or readings was based on inspectors' observations and the assumption that materials in the same area are homogeneous.

The report is designed to assist the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is the report to be used as a solely bidding document or as a project specification document given that abatement bidders are responsible for visiting and define the scope of the project.

5. Signature of Environmental Assessment

CHES Services, Corporation, d/b/a Fernando L. Rodriguez, PE & Associates have prepared this Survey Report for Asbestos Containing Materials as part of the field inspection efforts to determine the presence of Asbestos Containing Materials at the Project CRP-000870 Estacionamiento y Plazoleta de Actividades located in Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR. This study was performed as per the request of Mr. Edmundo Colón Izquierdo, AIT, representing ECo Landscape + Architecture + Engineering, renovation project designer.



Environmental Professional's Signature

August 17, 2023

Date

Name: Mr. Fernando L. Rodriguez
Project Manager
Asbestos Accredited Inspector, ASB-0223-0085-SI

Appendix

Appendix 1: Location and Photolog of Property Conditions During Inspection Survey Efforts

CHES Services Corp.

d/b/a Fernando L. Rodriguez, P.E. & Associates

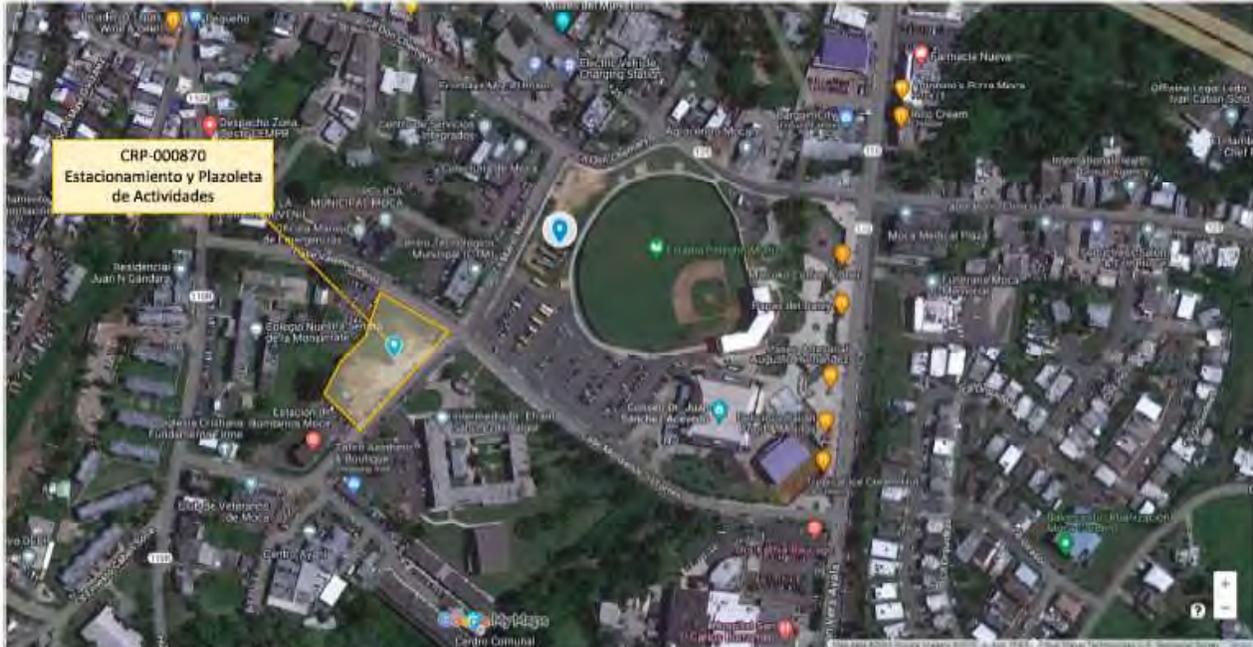
P.O. Box 195450 | San Juan, P.R. 00919-5450 | Web: www.firaches.com

Tel: (787) 751-7810 | Fax: (787) 751-8988 | Skype: firaches

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Location Map 000870



*CHES Services Corp. db/a Fernando L. Rodriguez, PE & Associates
Chemical/Environmental Engineering & Industrial Hygiene Services*

Drawing Not to Scale
By: Carmen Figueroa (07/31/2023)

Description

Phase II ESA: ACM & LBP Survey
Client: EcD
Facility: CRP-000870

Drawing ID

File: 202307_C4549_Survey
Diagram_MOCA.vsdw
Drawing: Location Map 000870

Details

18.392031, -67.112270
Calle Monseñor Torres Int.
Calle Valentin Pérez,
Moca PR



ACM Survey Photo Log

Project Name: CRP-000870 Estacionamiento y Piazoleta de Actividades	Site Location Calle Monseñor Torres, int. Calle Valentin Pérez, Moca PR	Project No. 619-C4549
--	--	---------------------------------

Photo No. 1	Date: 7/7/2023		
Description: CRP-00080 Exterior - Curb Calle Don Chemary No suspected ACM was found.			

Photo No. 2	Date: 7/7/2023		
Description: CRP-00060 Exterior - Curb Calle Don Chemary int. Calle Mario Medina No suspected ACM was found.			

Additional Comments No suspected ACM were identified during the survey.	
Inspector: Carmen M. Figueroa Santiago	Accreditations: ASB-1022-0396-SI

Appendix 2: Asbestos Survey Schematic Diagram and Sample Photo Log

CHES Services Corp.
d/b/a Fernando L. Rodríguez, P.E. & Associates
P.O. Box 195450 | San Juan, P.R. 00919-5450 | Web: www.flnches.com
Tel: (787) 751-7810 | Fax (787) 751-8988 | Skype: *flnches*
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**CRP-000870 Estacionamiento y
Plazoleta de Actividades**

NO ACM / No LBP were identified



*CHES Services Corp. d/b/a Fernando L. Rodriguez, PE & Associates
Chemical/Environmental Engineering & Industrial Hygiene Services*

Drawing Not to Scale
By: Carmen Figueroa (07/31/2023)

Description
Phase II ESA: ACM & LBP Survey
Client: EcO
Facility: CRP-000870

Details
File: 202307 C4549 Survey
Diagram: MOCA.vsdw
Drawing: CRP-000870
Estacionamiento

Location
18.392004, -67.112256
Calle Calle Monseñor Torres Int.
Calle Valentin Pérez, Moca PR

Appendix 3: Analytical Results and Laboratory Certifications (N/A)

CHES Services Corp.
d/b/a Fernando L. Rodríguez, P.E. & Associates
P.O. Box 193450 | San Juan, P.R. 00919-3450 | Web: www.firachex.com
Tel. (787) 751-7810 | Fax (787) 751-8988 | Skype: firachex
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Appendix 4: Inspectors' Qualifications

CHES Services Corp.
d/b/a Fernando L. Rodríguez, P.E. & Associates
P.O. Box 193450 | San Juan, P.R. 00919-3450 | Web: www.firachex.com
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CHES Services Corp.

d/b/a Fernando L. Rodriguez, P.E. & Associates

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ACM QUALIFICATIONS

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO
Esta tarjeta autoriza a:



Fernando L. Rodriguez Ocasio
Inspector
A trabajar en la remoción de asbesto en
Puerto Rico. Esta persona NO es un
empleado del DRNA.

[Signature]
Firma Autorizada - Departamento
Recursos Naturales y Ambientales

ASB-0223-0085-SI
Número de Registro
3-feb-2024
Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO
Esta tarjeta autoriza a:



Carmen M. Figueroa Santiago
Inspector
A trabajar en la remoción de asbesto en
Puerto Rico. Esta persona NO es un
empleado del DRNA.

[Signature]
Firma Autorizada - Departamento
Recursos Naturales y Ambientales

ASB-1022-0396-SI
Número de Registro
13-oct-2023
Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO
Esta tarjeta autoriza a:



Hanna Rodriguez Morales
Inspector
A trabajar en la remoción de asbesto en
Puerto Rico. Esta persona NO es un
empleado del DRNA.

[Signature]
Firma Autorizada - Departamento
Recursos Naturales y Ambientales

AB-1022-0397-SI
Número de Registro
13-oct-2023
Fecha de vencimiento

Qualifications included above are exclusive used for projects by:
CHES Services, Corp. d/b/a Fernando L. Rodriguez, PE & Associates 2024



CHES is the parent or parallel company of IEMES, PSC

Appendix 5: Asbestos No Presence Certifications (if applicable)

CHES Services Corp.
d/b/a Fernando L. Rodríguez, P.E. & Associates
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CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC- _____
PARA USO OFICIAL

Yo, ING. FERNANDO L. RODRIGUEZ, mayor de edad, SOLTERO, y vecino de SAN JUAN
(Nombre) (Estado Civil) (Municipio)

Dirección Postal PO BOX 193430 SAN JUAN PR 00919-3430
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 751 - 7810 Oficina (787) 751 - 7810 Ext. _____
 Fax (787) 751 - 8088

Certifico que:

- La estructura localizada en CRP-000870 Estacionamiento Y Plazoeta de Actividades, la cual será objeto de una
Calle Mario Medina, Moca PR
 demolición se encuentra libre de asbesto.
- La información antes indicada es cierta y correcta.
- Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
- Para que así conste, firmo la presente certificación en SAN JUAN de Puerto Rico,
(Municipio)
 hoy día 17 de agosto de 2023

Fernando L. Rodriguez
ASB-0025/085-SI
 Firma y Sello del Profesional o
 Firma del Inspector de Asbesto registrado por la JCA (Original)

Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926
Dirección Postal: Apartado 11488, Santurce, PR 00910-1488
Tel. (787) 767-8181 • Fax (787) 767-1962





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Waste Management Consulting
Indoor Air Quality Consulting
Water, Storm Water, and Wastewater Compliance*

LEAD-BASED PAINT SURVEY REPORT

Project CRP-000870 Estacionamiento y Plazoleta de Actividades

Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR

August 2023

Prepared for:

EcO Landscape + Architecture + Engineering
103 Isabel Andreu Aguilar, 4th Floor, San Juan PR

Prepared by:

CHES Services Corporation
CHES Project No.: C4549

CHES Services Corp.

d/b/a Fernando L. Rodriguez, P.E. & Associates

P.O. Box 195450 | San Juan, P.R. 00919-5450 | Web: www.flra.ches.com

Tel: (787) 751-7810 | Fax (787) 751-8988 | Skype: flra.ches

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Ref.: C4549_CRP-000870, Moca_LBP Survey Report

Executive Summary

Our office, CHES Services, Corporation (CHES) d/b/a Fernando L. Rodríguez, P. E. & Associates (FLRA), was contracted by EcO Landscape + Architecture + Engineering, to conduct an Environmental Site Assessment to determine if Lead-Based Paint (LBP) is present in the lots identified by the client as the Project CRP-000870 Estacionamiento y Plazoleta de Actividades and located at Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR. All work was conducted by certified personnel and sampling was conducted in accordance with established sampling protocols.

This survey was performed to comply with the necessary regulatory requirements prior any demolition and/or remodeling activity is conducted in the subject building structure. The survey work described in this report was conducted for EcO Landscape + Architecture + Engineering, in accordance with the CHES proposal number C4549 dated June 14, 2023. This work was performed in conformance with the scope and limitations of the applicable regulations.

This report describes the survey methodology; survey activities, results and recommendations based on the assessment findings for your perusal. The survey efforts included inspection of the site, revisions of available relevant documentations, if any, interviews with people who knows the site, and sampling activities conducted by accredited inspectors.

CHES perform a survey to identify LBP at Project CRP-000870 Estacionamiento y Plazoleta de Actividades on July 7, 2023, and LBP was not identified on the components and/or surface.

The survey confirms that LBP contaminant was NOT present in the subject property during the inspection. If any other suspected LBP material component or surface is identified within the subject building that was not included in this survey, it should be surveyed by an accredited inspector to determine if it does contain LBP.

1. Introduction

1.1. Scope of Work

CHES Services, Corporation (CHES) was contracted by EcO Landscape + Architecture + Engineering, to an environmental site assessment at the Project CRP-000870 Estacionamiento y Plazoleta de Actividades located in Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR. The purpose of the survey was to determine if Lead-Based Paint (LBP) is present in the subject lots.

1.2. Special Terms and Conditions

The site assessment work described in this report was conducted for the identified Project CRP-000870 Estacionamiento y Plazoleta de Actividades on July 7, 2023 in accordance with CHES proposal number C4549 dated June 14, 2023. This report has been prepared for the exclusive use of EcO Landscape + Architecture + Engineering.

1.3. Limitations

The survey was conducted in accordance with federal and state regulatory requirements and standard industry practices valid at the time of the inspection efforts. The conclusions of the report are professional opinions based solely upon visual site observations, and interpretations of lead readings as described in its contained. The opinions presented in this survey report apply to the site conditions existing at the time of the investigations, and interpretations of current regulations.

2. Building Description

2.1. Location and Site Description

The lot subject to this Survey Report for Lead-Based Paint, is located in Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR, an urbanized area in the city center. The surveyed area was identified within the cadaster number 070-042-023-63 and identified as Project CRP-00080 Estacionamiento y Plazoleta de Actividades.

At the time of the site inspection efforts, the surveyed area corresponds to undeveloped land lot currently used as parking areas. Ground surface was observed unimproved with concrete curb around most of the lot perimeter. Refer to Appendix 1 for aerial location map of the site and a photographic summary of site conditions during the efforts.

3. Lead-Based Paint Survey

3.1. Survey Personnel and Laboratory

The LBP survey activities were conducted on July 7, 2023, by the accredited personnel. The accredited inspector(s) made reasonable effort to inspect all areas of the subject property building for LBP.

The following accredited LBP inspectors conducted and/or assisted in during the inspection:

- **Mr. Fernando L. Rodríguez** **Project Manager, CHES**
Lead Accredited Inspector: LBPI-30522-321

- **Miss Carmen Figueroa** **Field Accredited Inspector, CHES**
Lead Accredited Inspector: LBPI-30522-322

- **Miss Hanna K. Rodríguez** **Lead Competent Person, CHES**
Lead Inspector accreditation under renovation:
LBPI-15322-137

An X-Ray Fluorescence (XRF) lead analyzer was used to test the paint for lead. The analyzer is a nondestructive method of paint testing and provides immediate results for each test conducted.

3.2. LBP Survey Methodology

An LBP is defined as a paint or other surface coating that contains more than one (1) milligram per centimeter square (mg/cm²) of lead or 5,000 parts per million (ppm) [(0.5 wt %)] of lead by dry weight. In addition, in 1978 the Consumer Product Safety Commission (CPSC) banned the residential use of paint that contained an amount greater than or equal to 600 ppm (0.06 wt %).

The common method employed for paint testing is with an XRF Lead Analyzer, designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid and nondestructive, and the instrument can detect lead concentrations within numerous layers of various surface coatings. This technology also allows for measurement of X-rays without scraping or samples preparation to characterize substrate or matrix effects.

If paint contains less than 1.0 mg/cm² lead in the XRF reading, it is considered as a “negative” result for LBP presence. Any value over this limit is considered by the Puerto Rico Department of Natural and Environmental Resources (PRDNER) as an LBP material and may be subject to an abatement method. However, some painted surfaces may contain levels of lead below the established limit, which could create lead dust or lead-contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding.

3.2.1. LBP Survey Limitations or Exceptions

For this survey inaccessible areas are building areas, systems, structural components, or surfaces which could not be observed because it was unsafe or impractical to demolish, disassemble, or remove systems or covering. Areas that were inaccessible during the survey efforts are listed in Table 3-1.

Table 3-1: Inaccessible Areas and/or Materials

Location	Explanation
N/A	All areas were surveyed.

Additionally, and unless specifically noted, the survey did not cover:

- Hidden and/or inaccessible locations.

3.3. LBP Survey Findings

3.3.1. XRF Results

A total number of 7 testing combinations were sampled within the subject building area. The data shows all instrument readings registered during the inspection survey exercise with their respective descriptions, such as component, substrate, location, and color. It should be noted that color descriptions are subjective and that, due to the nature of the environment, site conditions, identical/same colors may have been labeled as different depending on the lighting, or other factors. No positive readings were identified per this survey.

4. Conclusions

CHES concludes that no material was identified as lead based paint. Lead must be managed according to the appropriate standards. All Lead concentration detected must be handled in accordance with OSHA Standards 29 CFR 1926.62

Furthermore, CHES also recommends that if there any suspected lead-containing is identified within the subject area that was not included in this survey, it should be sampled by an accredited inspector to determine if it does contain any of the tested contaminants.

Best Management Practices (BMPs) must be followed whenever handling and disposing of any construction debris, or non-hazardous solid waste from the subject facility areas during any remodeling or demolition phase, as well as handling discarded materials and equipment that can be stored or exposed to or impacted by rainwater in different areas through the subject property during this activity.

The results, findings, and conclusions presented in this report are based on conditions that were noted on Section 3.3 and data gathered during CHES's assessment of this project. Any conditions or materials that could not be visually identified (i.e., inaccessible areas) or were out of the scope of work at hand, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the inspection to remove surface installed materials to investigate portions of the structure or materials that may lay beneath or above the existing building surfaces. CHES's random selection of sample locations and frequency of sampling or readings was based on CHES's observations and the assumption that like materials in the same area are homogeneous.

The report is designed to assist the building owner, architect, construction manager, general contractors, and potential lead abatement contractors in locating LBP. Under no circumstances is the report to be utilized as a solely bidding document or as a project specification document given that abatement bidders are responsible for visiting and define the scope of the project.

5. Signature of Environmental Assessment

CHES Services Corporation, d/b/a Fernando L. Rodríguez, PE & Associates have prepared this Survey Report for Lead-Based Paint as part of the field inspection efforts to determine if Lead-Based Paint is present in the Project CRP-000870 Estacionamiento y Plazoleta de Actividades located in Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR. This study was performed as per the request of Mr. Edmundo Colón Izquierdo, AIT, from EcO Landscape + Architecture + Engineering, renovation project designer.



Environmental Professional's Signature

August 17, 2023

Date

Name: Mr. Fernando L. Rodríguez
Project Manager
Lead Accredited Inspector, LBPI-30522-321

Appendix

Appendix 1: Location and Photolog of Property Conditions During Inspection Survey Efforts

CHES Services Corp.
d/b/a Fernando L. Rodriguez, P.E. & Associates
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Location Map 000870



CHES Services Corp. d/b/a Fernando L. Rodriguez, PE & Associates
 Chemical/Environmental Engineering & Industrial Hygiene Services

Drawing Not to Scale
 By: Carmen Figueroa (07/31/2023)

Description

Phase II ESA: ACM & LBP Survey
 Client: EcO
 Facility: CRP-000870

Drawing ID

File: 202307 C4549 Survey
Diagram_MOCA.vsd
Drawing: Location Map 000870

Details

18.392031, -67.112270
Calle Monseñor Torres int.
Calle Valentin Pérez,
Moca PR

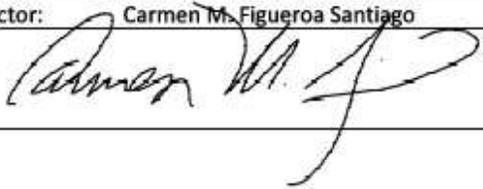


LBP Survey Photo Log

Project Name: CRP-000870 Estacionamiento y Plazoleta	Site Location Calle Monseñor Torres, Int. Calle Valentín Pérez, Moca PR	Project No. 619-C4549
--	---	---------------------------------

Photo No. 14	Date: 7/7/2023	
Description: CRP-00080 Exterior - Curb Calle Don Chemary No LBP was identified.		

Photo No. 11	Date: 7/7/2023	
Description: CRP-00060 Exterior - Curb Calle Don Chemary int. Calle Mario Medina No LBP was identified.		

Additional Comments	
Inspector: Carmen M. Figueroa Santiago 	Accreditations: LBPI-30522-322

Appendix 2: LBP Survey Schematic Diagram and Sample Photo Log

CHES Services Corp.
d/b/a Fernando L. Rodriguez, P.E. & Associates
P.O. Box 195450 | San Juan, P.R. 00919-5450 | Web: www.firiches.com
Tel.: (787) 751-7810 | Fax (787) 751-8988 | Skype: firiches
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CRP-000870 Estacionamiento y Plazoleta de Actividades

NO ACM / No LBP were identified



*CH2M Services Corp. d/b/a Fernando L. Rodriguez, P.E. & Associates
Chemical/Environmental Engineering & Industrial Hygiene Services*

Drawing Not to Scale
By: Carmen Figueroa (07/31/2023)

Description
Phase II ESA: ACM & LBP Survey
Client: EcO
Facility: CRP-000870

Details
File: 202307 C4549 Survey
Diagram_MOCA.vsd
Drawing: CRP-000870
Estacionamiento

Location
18.392004, -67.112256
Calle Calle Monseñor Torres Int,
Calle Valentin Pérez, Moca PR

Appendix 3: XRF Readings and Unit's Certifications

CHES Services Corp.
d/b/a Fernando L. Rodriguez, P.E. & Associates
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Tel.: (787) 751-7810 | Fax (787) 751-8988 | Skype: flrches
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CHES Services Corp. d/b/a Fernando L. Rodríguez, P.E. & Associates



Chemical - Environmental Engineering and Industrial Hygiene Consultants
 P.O. Box 193430 - San Juan, P.R. 00919-3430 | Tel. (787)751-7810 - Fax (787)751-8988
 Information about our new company, a subsidiary, IEMES, PSC: www.iemespse.com

Project: C4549: CRP-000870 Estacionamiento y Plazoleta

Date: July 7, 2023

XRF Serial No.: XLP19196

Address: Calle Monseñor Torres int. Calle Valentin Pérez, Moca PR

Inspector: Carmen Figueroa (LBPI-30522-322)

Model No.: XLP300A

Reading	Site	Substrate	Component	Color	Floor	Room	Results	Pb [mg/cm ²]
89			Shutter Calibration				7.07	
90			Initial Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1
91			Initial Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1.1
92			Initial Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1
167	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	White	1	Exterior	Negative	0
168	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	White	1	Exterior	Negative	0
169	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	White	1	Exterior	Negative	0
170	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	Traffic Yellow	1	Exterior	Negative	0.03
171	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	Traffic Yellow	1	Exterior	Negative	0.08
172	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	No paint	1	Exterior	Negative	0
173	CRP-000870 Estacionamiento y Plazoleta	Concrete	Curb	Traffic Yellow	1	Exterior	Negative	0.12
174			Final Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1.1
175			Final Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1.1
176			Final Calibration Check - Using Standard SRM 2573 (1.04 ± 0.06 mg/cm ²)				Positive	1.1

Appendix 4: Inspectors' Qualifications

CHES Services Corp.
d/b/a Fernando L. Rodríguez, P.E. & Associates
P.O. Box 193450 | San Juan, P.R. 00919-3450 | Web: www.firaches.com
Tel.: (787) 751-7810 | Fax (787) 751-8988 | Skype: firaches
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CHES Services Corp.

d/b/a Fernando L. Rodríguez, P.E. & Associates

PO Box 193430, San Juan, PR 00919-3430 | Tel: (787) 751-7810 | Web: www.franches.com

LBP QUALIFICATIONS



Accreditation currently under renovation



Qualifications included above are exclusive used for projects by:
CHES Services, Corp. d/b/a Fernando L. Rodríguez, PE & Associates²⁰²³





GOBIERNO DE PUERTO RICO
Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Fernando L. Rodríguez, PE & Associates

Por haber cumplido con los requisitos establecidos en el Capítulo VI, Regla 127 del Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo. Se le otorga esta certificación como **Firma** para llevar a cabo actividades relacionadas a Mitigación de Pintura con base de plomo en la jurisdicción de Puerto Rico.

Número de Certificado

LBPf-25322-035

Fecha de emisión: Septiembre 26, 2022

Fecha de Expiración: Septiembre 25, 2023




José Roque Juliá
Jefe
División Desperdicios Tóxicos

Appendix 5: LBP No Presence Certifications (if applicable)

CHES Services Corp.
d/b/a Fernando L. Rodriguez, P.E. & Associates
P.O. Box 193450 | San Juan, P.R. 00919-3450 | Web: www.firaches.com
Tel.: (787) 751-7810 | Fax (787) 751-8988 | Skype: firaches
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**CERTIFICACION DE NO PRESENCIA DE PINTURA CON BASE DE PLOMO
EN ESTRUCTURAS A DEMOLERSE**
(Deberá completarse en letra de molde o impresa)

NUM. PERMISO: _____

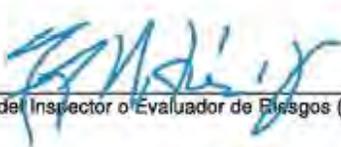
Yo, ING. FERNANDO L. RODRIGUEZ, mayor de edad, SOLTERO, y vecino de SAN JUAN
(Inspector o Evaluador de Riesgos) (Estado Civil) (Municipio)

Dirección Postal PO BOX 193430 SAN JUAN PR 00919-3430
(Pueblo) (Zip Code)

Teléfonos: Residencial (____) ____ - ____ Oficina (787) 751 - 7810 Ext. _____
 Fax (____) ____ - ____

Certifico que:

- Estoy certificado por la Junta de Calidad Ambiental como (Inspector / Evaluador de Riesgos) con Número de Certificación LBPI-30522-321, la cual se encuentra vigente.
- La estructura localizada en CRP-000870 Estacionamiento Y Plazoleta de Actividades;, la cual será objeto de una demolición se encuentra libre de pintura con base de plomo.
Moca, PR
- La información antes indicada es cierta y correcta.
- Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
- Para que así conste, firmo la presente certificación en San Juan de Puerto Rico,
(Municipio)
 hoy día 17 de agosto de 2023



 Firma del Inspector o Evaluador de Riesgos (en original)

Nota : Deberá someter evidencia de la tarjeta o certificado provista por la JCA.





Detailed Facility Report

Facility Summary

HERNANDEZ SERVICE STATION

**CARR 111 KM 4.5 BO PUEBLO, MOCA, PR
00676**

FRS (Facility Registry Service) ID: 110004893893

EPA Region: 02

Latitude: 18.397473

Longitude: -67.118535

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Inactive **Compliance and Emissions Data Reporting Interface (CEDRI):**
Other, (PRR000008516) No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004893893					N	18.397473	-67.118535

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893893	HERNANDEZ SERVICE STATION	CARR 111 KM 4.5 BO PUEBLO, MOCA, PR 00676	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
---------	-----------	---	---------------	--------------------------------------	---------------------

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRR000008516)	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720994202002	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	5	4	6	1	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	8	57	44	57
Air Toxics Cancer Risk	54	52	55	85	56	90
Air Toxics Respiratory Hazard Index	38	35	40	84	57	90
Toxic Releases to Air	99	99	99	98	92	99
Traffic Proximity	99	94	99	86	54	86
Lead Paint	94	82	94	70	45	70
Risk Management Plan (RMP) Facility Proximity	97	93	99	65	54	78
Hazardous Waste Proximity	72	65	79	16	13	28
Superfund Proximity	88	82	89	3	3	6
Underground Storage Tanks (UST)	0	89	96	0	66	81
Wastewater Discharge	99	99	99	80	69	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group





Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	6,454	Children 5 years and younger	351 (5%)
Population Density	2,107/sq.mi.	Minors 17 years and younger	1,532 (24%)
Housing Units in Area	2,902	Adults 18 years and older	4,922 (76%)
		Seniors 65 years and older	1,161 (18%)
General Statistics (ACS (American Community Survey))		Race Breakdown (U.S. Census) - Persons (%)	
Total Persons	5,839	White	5,708 (88%)
Percent People of Color	100%	African-American	362 (6%)
Households in Area	2,268	Hispanic-Origin	6,411 (99%)
Households on Public Assistance	103	Asian/Pacific Islander	11 (0%)
Persons With Low Income	4,091	American Indian	9 (0%)
Percent With Low Income	70%	Other/Multiracial	364 (6%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	659 (15.04%)
Center Latitude	18.397473	9th through 12th Grade	272 (6.21%)
Center Longitude	-67.118535	High School Diploma	1,293 (29.51%)
Land Area	100%	Some College/2-year	589 (13.44%)
Water Area	0%		

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	975 (43.08%)
\$15,000 - \$25,000	338 (14.94%)
\$25,000 - \$50,000	572 (25.28%)
\$50,000 - \$75,000	256 (11.31%)
Greater than \$75,000	122 (5.39%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,071 (24.45%)
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Detailed Facility Report

Facility Summary

MOCA SS 2461

CALLE BALDORIOTY Y BARBOSA, MOCA, PR
00676

FRS (Facility Registry Service) ID: 110007817924

EPA Region: 02

Latitude: 18.395604

Longitude: -67.117345

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Inactive **Compliance and Emissions Data Reporting Interface (CEDRI):** Other, (PRR000003905) No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007817924					N	18.395604	-67.117345

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007817924	MOCA SS 2461	CALLE BALDORIOTY Y BARBOSA, MOCA, PR 00676	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000003905	No	05/11/2024	0	05/10/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000003905)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
Facility-Level Status		No Violation Identified											
Violation		Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720994202002	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	5	5	6	1	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	8	57	44	57
Air Toxics Cancer Risk	54	53	55	85	57	90
Air Toxics Respiratory Hazard Index	38	35	40	84	58	90
Toxic Releases to Air	99	99	99	98	92	99
Traffic Proximity	99	94	99	86	55	86
Lead Paint	94	82	94	70	45	70
Risk Management Plan (RMP) Facility Proximity	97	93	99	65	53	78
Hazardous Waste Proximity	72	65	79	16	13	28
Superfund Proximity	88	83	89	3	3	6
Underground Storage Tanks (UST)	0	91	96	0	68	81
Wastewater Discharge	99	99	99	80	71	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group





Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	6,854
Population Density	2,209/sq.mi.
Housing Units in Area	3,071

General Statistics (ACS (American Community Survey))	
Total Persons	6,362
Percent People of Color	100%
Households in Area	2,443
Households on Public Assistance	118
Persons With Low Income	4,491
Percent With Low Income	71%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.395604
Center Longitude	-67.117345
Land Area	100%
Water Area	0%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	378 (6%)
Minors 17 years and younger	1,643 (24%)
Adults 18 years and older	5,211 (76%)
Seniors 65 years and older	1,189 (17%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,106 (89%)
African-American	364 (5%)
Hispanic-Origin	6,812 (99%)
Asian/Pacific Islander	11 (0%)
American Indian	8 (0%)
Other/Multiracial	364 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	684 (14.45%)
9th through 12th Grade	293 (6.19%)
High School Diploma	1,381 (29.17%)
Some College/2-year	648 (13.69%)

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	1,037 (42.45%)
\$15,000 - \$25,000	374 (15.31%)
\$25,000 - \$50,000	625 (25.58%)
\$50,000 - \$75,000	269 (11.01%)
Greater than \$75,000	138 (5.65%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,205 (25.45%)
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Detailed Facility Report

Facility Summary

PR PUBLIC HOUSING RES JOSE N GANDARA

192 CALLE BLANCA E CHICO, MOCA, PR
00676

FRS (Facility Registry Service) ID: 110006537783

EPA Region: 02

Latitude: 18.39429

Longitude: -67.113605

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Inactive **Compliance and Emissions Data Reporting Interface (CEDRI):**
Other, (PRR000013680) No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006537783					N	18.39429	-67.113605

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006537783	PR PUBLIC HOUSING RES JOSE N GANDARA	192 CALLE BLANCA E CHICO, MOCA, PR 00676	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000013680	No	05/11/2024	0	05/10/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000013680)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
Facility-Level Status		No Violation Identified											
Violation		Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720994202003	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	4	5	6	0	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	4	4	7	40	44	57
Air Toxics Cancer Risk	52	35	55	45	0	90
Air Toxics Respiratory Hazard Index	33	35	40	46	58	90
Toxic Releases to Air	99	99	99	86	92	99
Traffic Proximity	95	94	99	59	54	86
Lead Paint	0	81	94	0	45	70
Risk Management Plan (RMP) Facility Proximity	88	93	98	41	52	69
Hazardous Waste Proximity	60	65	78	10	13	24
Superfund Proximity	80	83	88	4	3	4
Underground Storage Tanks (UST)	92	91	96	71	68	81
Wastewater Discharge	99	99	99	66	71	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group





Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	7,000
Population Density	2,262/sq.mi.
Housing Units in Area	3,131

General Statistics (ACS (American Community Survey))	
Total Persons	6,688
Percent People of Color	100%
Households in Area	2,539
Households on Public Assistance	134
Persons With Low Income	4,730
Percent With Low Income	71%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.39429
Center Longitude	-67.113605
Land Area	100%
Water Area	0%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	389 (6%)
Minors 17 years and younger	1,681 (24%)
Adults 18 years and older	5,319 (76%)
Seniors 65 years and older	1,188 (17%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,311 (90%)
African-American	343 (5%)
Hispanic-Origin	6,960 (99%)
Asian/Pacific Islander	11 (0%)
American Indian	9 (0%)
Other/Multiracial	326 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	665 (13.57%)
9th through 12th Grade	300 (6.12%)
High School Diploma	1,363 (27.82%)
Some College/2-year	709 (14.47%)

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	1,043 (41.1%)
\$15,000 - \$25,000	412 (16.23%)
\$25,000 - \$50,000	653 (25.73%)
\$50,000 - \$75,000	267 (10.52%)
Greater than \$75,000	163 (6.42%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,370 (27.96%)
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Detailed Facility Report

Facility Summary

INFORMATION MAGNETICS CARIBE INC

PR-125 KM 1.0, MOCA, PR 00676

FRS (Facility Registry Service) ID: 110002466554

EPA Region: 02

Latitude: 18.393504

Longitude: -67.118972

Locational Data Source: TRIS

Industries: Computer and Electronic Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	11/24/1992
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRD091144469)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 00716NFRMTROAD1

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

FRS		110002466554						N	18.393504	-67.118972
TRI	EP313	00716NFRMTROAD1	Toxics Release Inventory	Last Reported for 1989				N	18.393504	-67.118972
System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude	

Facility Address

FRS		110002466554	INFORMATION MAGNETICS CARIBE INC	PR-125 KM 1.0, MOCA, PR 00676	Moca Municipio
TRI	EP313	00716NFRMTROAD1	INFORMATION MAGNETICS CARIBE INC	RD 125 KM 10, MOCA, PR 00718	Moca Municipio
System	Statute	Identifier	Facility Name	Facility Address	Facility County

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

TRI	00716NFRMTROAD1	334112	Computer Storage Device Manufacturing
System	Identifier	NAICS Code	NAICS Description

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD091144469	No	05/11/2024	0	05/10/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD091144469)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type	Supplemental (default)
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Related Reports

EJScreen Community Report

[Download Data](#)

Supplemental Indexes	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	5	6	1	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	9	50	45	60
Air Toxics Cancer Risk	53	35	55	71	0	90
Air Toxics Respiratory Hazard Index	36	35	40	71	60	90
Toxic Releases to Air	99	99	99	96	92	99
Traffic Proximity	92	94	99	51	56	86
Lead Paint	91	83	94	60	47	70
Risk Management Plan (RMP) Facility Proximity	95	93	98	58	54	69
Hazardous Waste Proximity	68	65	79	15	13	28
Superfund Proximity	86	83	89	4	4	6
Underground Storage Tanks (UST)	96	91	96	81	69	81
Wastewater Discharge	99	99	99	81	73	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	7,089
Population Density	2,265/sq.mi.
Housing Units in Area	3,172

General Statistics (ACS (American Community Survey))	
Total Persons	6,672
Percent People of Color	100%
Households in Area	2,545
Households on Public Assistance	122
Persons With Low Income	4,760
Percent With Low Income	71%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.393504
Center Longitude	-67.118972
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,075 (42.26%)
\$15,000 - \$25,000	393 (15.45%)
\$25,000 - \$50,000	664 (26.1%)
\$50,000 - \$75,000	275 (10.81%)
Greater than \$75,000	137 (5.39%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	410 (6%)
Minors 17 years and younger	1,722 (24%)
Adults 18 years and older	5,367 (76%)
Seniors 65 years and older	1,183 (17%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,323 (89%)
African-American	375 (5%)
Hispanic-Origin	7,044 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	8 (0%)
Other/Multiracial	371 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	706 (14.25%)
9th through 12th Grade	307 (6.2%)
High School Diploma	1,452 (29.3%)
Some College/2-year	673 (13.58%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,249 (25.21%)



Detailed Facility Report

Facility Summary

LIFESTYLE FOOTWEAR INC

PR-125 KM 3.8 INDUSTRIAL PK, MOCA, PR
00676

FRS (Facility Registry Service) ID: 110007822570

EPA Region: 02

Latitude: 18.392427

Longitude: -67.105932

Locational Data Source: RCRAINFO

Industries: Leather and Allied Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	03/25/2015
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000012096)

Compliance and Emissions Data Reporting Interface (CEDRI):

Safe Drinking Water Act (SDWA): No Information

No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007822570					N	18.392427	-67.105932

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007822570	LIFESTYLE FOOTWEAR INC	PR-125 KM 3.8 INDUSTRIAL PK, MOCA, PR 00676	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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Facility Tribe Information

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

Enforcement and Compliance

RCRA (Hazardous Waste (Resource Conservation and Recovery Act) Compliance Pipeline (Compliance Monitoring >> Violations >> Enforcement Actions) (10 Years)

This table shows how violations relate to compliance monitoring (CM) activities and enforcement. Currently available for RCRA only. Full CM history available below.

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 2/10/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000012096	Hazardous Waste	1,197	2,314	1,984	--
PRR000012096	Acute Hazardous Waste	0	0	0	--
PRR000012096	Pharmaceutical Hazardous Waste	0	0	0	--

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

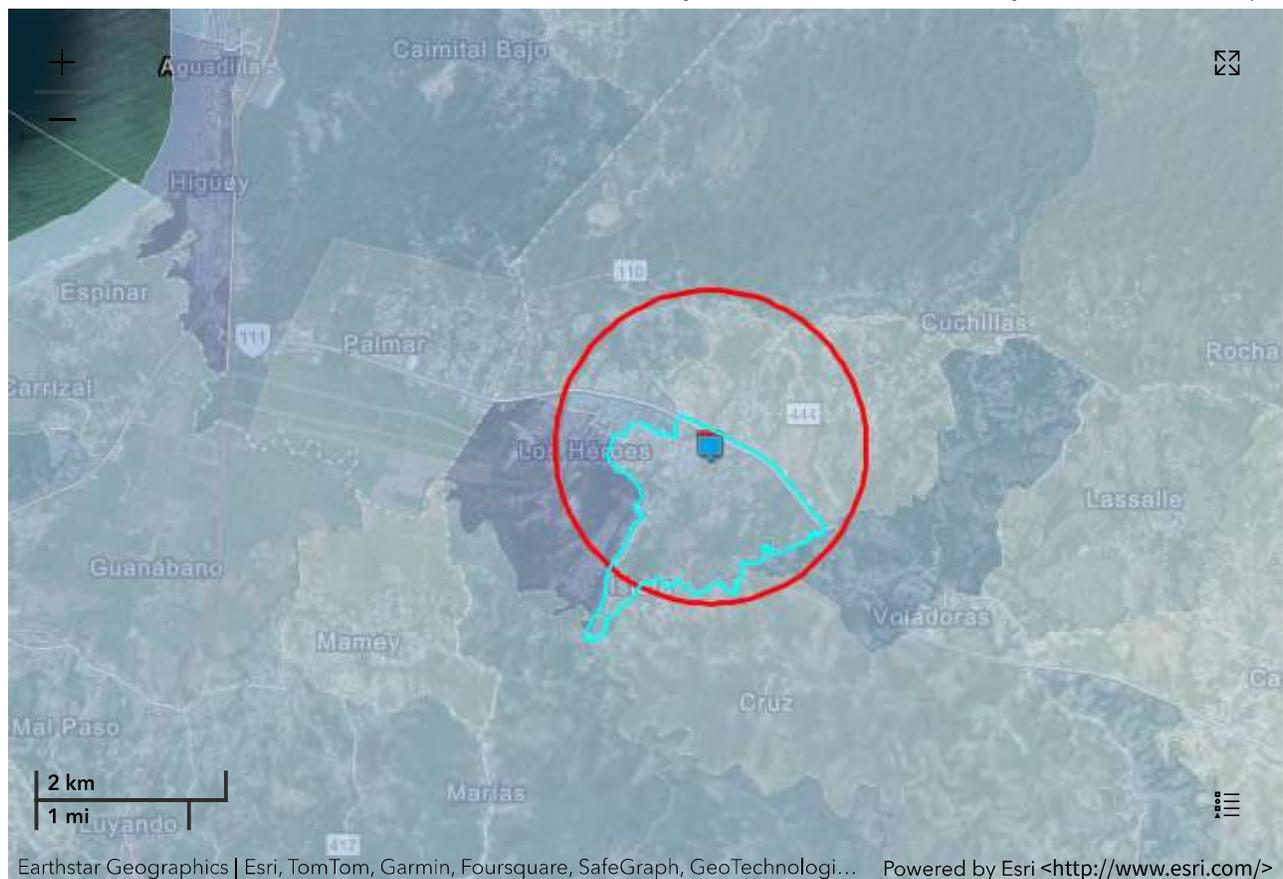
Census Block Group ID: 720994202003	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	4	4	6	0	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	4	4	5	40	43	57
Air Toxics Cancer Risk	52	35	55	45	0	🚩 90
Air Toxics Respiratory Hazard Index	33	35	40	46	60	🚩 90
Toxic Releases to Air	🚩 99	🚩 99	🚩 99	86	🚩 92	🚩 99
Traffic Proximity	🚩 95	🚩 95	🚩 99	59	57	86

Supplemental Indexes	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Lead Paint	0	80	94	0	43	72
Risk Management Plan (RMP) Facility Proximity	88	92	98	41	50	69
Hazardous Waste Proximity	60	65	78	10	13	24
Superfund Proximity	80	83	88	4	3	4
Underground Storage Tanks (UST)	92	89	97	71	66	85
Wastewater Discharge	99	99	99	66	71	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census

Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	6,911
Population Density	2,234/sq.mi.
Housing Units in Area	3,106

General Statistics (ACS (American Community Survey))	
Total Persons	6,151
Percent People of Color	100%
Households in Area	2,289
Households on Public Assistance	125
Persons With Low Income	4,395
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.392427
Center Longitude	-67.105932
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	852 (37.22%)
\$15,000 - \$25,000	418 (18.26%)
\$25,000 - \$50,000	618 (27%)
\$50,000 - \$75,000	210 (9.17%)
Greater than \$75,000	191 (8.34%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	383 (6%)
Minors 17 years and younger	1,594 (23%)
Adults 18 years and older	5,317 (77%)
Seniors 65 years and older	1,180 (17%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,266 (91%)
African-American	310 (4%)
Hispanic-Origin	6,876 (99%)
Asian/Pacific Islander	11 (0%)
American Indian	9 (0%)
Other/Multiracial	315 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	586 (13.38%)
9th through 12th Grade	269 (6.14%)
High School Diploma	1,045 (23.86%)
Some College/2-year	750 (17.12%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,402 (32.01%)



Detailed Facility Report

Facility Summary

MOCA STP

STATE RD 110 KM 11.8, MOCA, PR 00716

FRS (Facility Registry Service) ID: 110007804402

EPA Region: 02

Latitude: 18.387843

Longitude: -67.109709

Locational Data Source: RCRAINFO

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive
Other, (PRD000689828)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

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

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007804402					N	18.387843	-67.109709

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007804402	MOCA STP	STATE RD 110 KM 11.8, MOCA, PR 00716	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
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Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRD000689828)	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Supplemental Indexes	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	4	5	6	0	1	1
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	4	4	5	40	45	57
Air Toxics Cancer Risk	52	35	54	45	0	85
Air Toxics Respiratory Hazard Index	33	35	38	46	61	84
Toxic Releases to Air	99	99	99	86	93	98
Traffic Proximity	95	95	99	59	57	86
Lead Paint	0	81	94	0	45	72
Risk Management Plan (RMP) Facility Proximity	88	92	97	41	50	65
Hazardous Waste Proximity	60	65	79	10	13	28
Superfund Proximity	80	83	89	4	4	6
Underground Storage Tanks (UST)	92	92	97	71	70	85
Wastewater Discharge	99	99	99	66	74	82

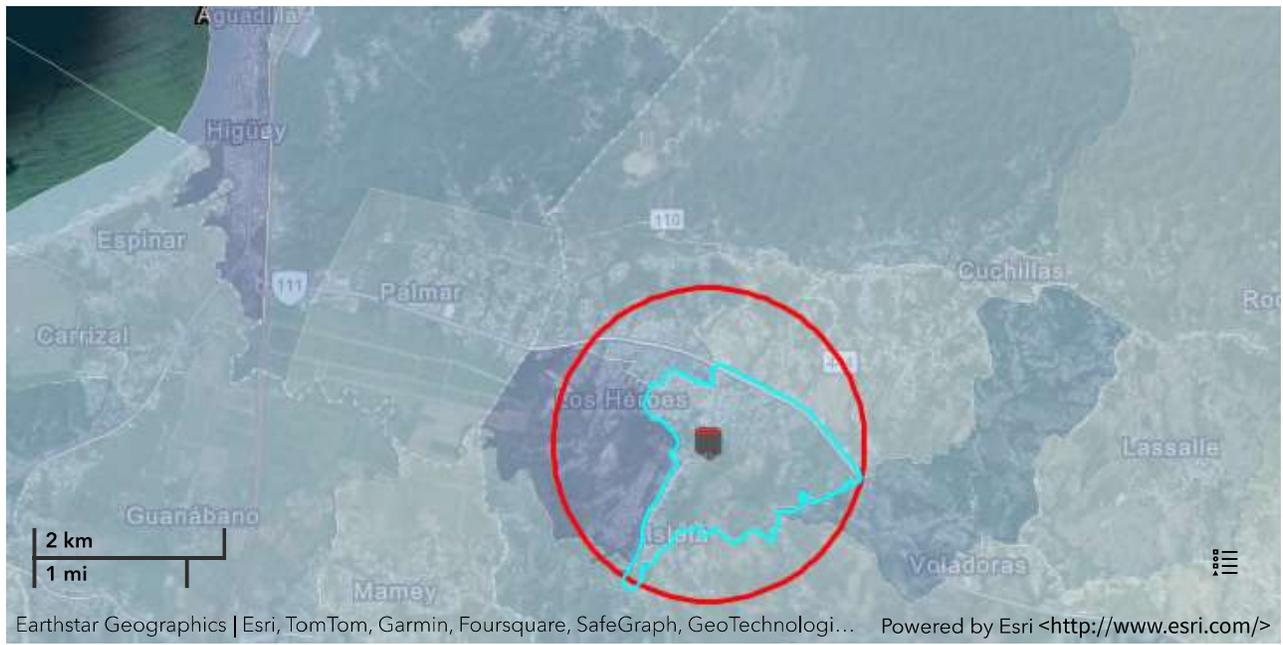
Map Display Based on: US State

Display Map Layer

Summary - Number of Indexes

Facility 1-mile Radius Facility Census Block Group





Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	6,939
Population Density	2,220/sq.mi.
Housing Units in Area	3,121

General Statistics (ACS (American Community Survey))	
Total Persons	6,498
Percent People of Color	100%
Households in Area	2,407
Households on Public Assistance	127
Persons With Low Income	4,778
Percent With Low Income	74%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.387843
Center Longitude	-67.109709
Land Area	100%
Water Area	0%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	409 (6%)
Minors 17 years and younger	1,685 (24%)
Adults 18 years and older	5,254 (76%)
Seniors 65 years and older	1,108 (16%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,301 (91%)
African-American	308 (4%)
Hispanic-Origin	6,897 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	7 (0%)
Other/Multiracial	311 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	589 (12.77%)
9th through 12th Grade	283 (6.13%)
High School Diploma	1,173 (25.43%)
Some College/2-year	751 (16.28%)

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	903 (37.52%)
\$15,000 - \$25,000	430 (17.86%)
\$25,000 - \$50,000	680 (28.25%)
\$50,000 - \$75,000	210 (8.72%)
Greater than \$75,000	184 (7.64%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,393 (30.2%)
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Detailed Facility Report

Facility Summary

HOSPITAL SAN CARLOS BORROMEIO

550 CALLE CONCEPCION VERA AYALA,
MOCA, PR 00676

FRS (Facility Registry Service) ID: 110037441355

EPA Region: 02

Latitude: 18.38396

Longitude: -67.11384

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	10/31/2013
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active SQG, (PRR000021741)

Compliance and Emissions Data Reporting Interface (CEDRI):

Safe Drinking Water Act (SDWA): No Information

No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110037441355					N	18.38396	-67.11384

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110037441355	HOSPITAL SAN CARLOS BORROMEIO	550 CALLE CONCEPCION VERA AYALA, MOCA, PR 00676	Moca Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
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Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRR000021741)	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
	Facility-Level Status	No Violation Identified											
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720994202004	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	6	4	6	1	1	1
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	5	50	47	57
Air Toxics Cancer Risk	53	35	54	71	0	85
Air Toxics Respiratory Hazard Index	36	35	38	71	64	84
Toxic Releases to Air	99	99	99	96	94	98
Traffic Proximity	92	94	99	51	55	86
Lead Paint	91	82	94	60	47	72
Risk Management Plan (RMP) Facility Proximity	95	93	97	58	52	65
Hazardous Waste Proximity	68	67	79	15	15	28
Superfund Proximity	86	84	89	4	4	6
Underground Storage Tanks (UST)	96	89	97	81	66	85
Wastewater Discharge	99	99	99	81	76	82

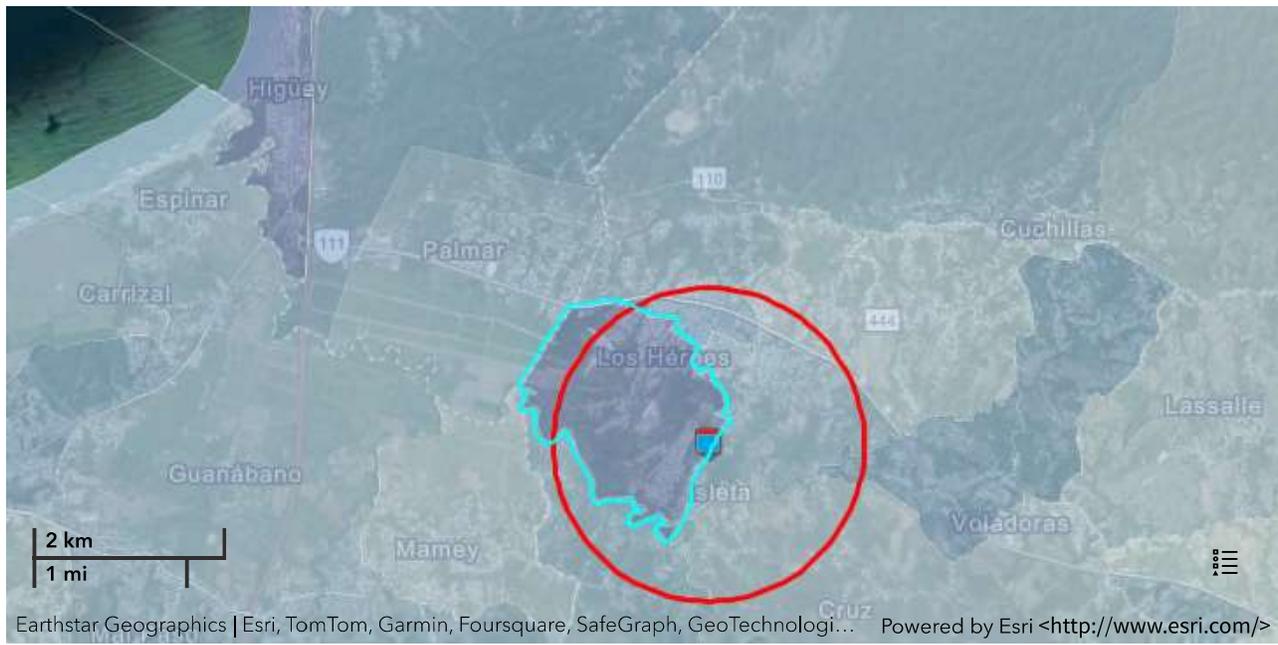
Map Display Based on: US State

Display Map Layer

Summary - Number of Indexes

Facility 1-mile Radius Facility Census Block Group





Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	6,602
Population Density	2,088/sq.mi.
Housing Units in Area	2,972

General Statistics (ACS (American Community Survey))	
Total Persons	6,313
Percent People of Color	100%
Households in Area	2,307
Households on Public Assistance	112
Persons With Low Income	4,774
Percent With Low Income	76%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.38396
Center Longitude	-67.11384
Land Area	100%
Water Area	0%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	406 (6%)
Minors 17 years and younger	1,659 (25%)
Adults 18 years and older	4,944 (75%)
Seniors 65 years and older	1,019 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,006 (91%)
African-American	287 (4%)
Hispanic-Origin	6,561 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	6 (0%)
Other/Multiracial	292 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	560 (12.6%)
9th through 12th Grade	279 (6.28%)
High School Diploma	1,171 (26.34%)
Some College/2-year	691 (15.54%)

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	868 (37.64%)
\$15,000 - \$25,000	414 (17.95%)
\$25,000 - \$50,000	676 (29.31%)
\$50,000 - \$75,000	195 (8.46%)
Greater than \$75,000	153 (6.63%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,280 (28.79%)
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Detailed Facility Report

Facility Summary

MOCA

CALLE CAAZAN LASAYE, FRENTE PLAZA PUBLICA, MOCA, PR 00676

FRS (Facility Registry Service) ID: 110064630314

EPA Region: 02

Latitude: 18.396067

Longitude: -67.113161

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	03/26/2021
Compliance Status	Unknown
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Expired; Compliance Tracking Partially Off (PRR040025)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

FRS		110064630314					N	18.396067	-67.113161
System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude

Facility Address

FRS		110064630314	MOCA	CALLE CAAZAN LASAYE, FRENTE PLAZA PUBLICA, MOCA, PR 00676	
System	Statute	Identifier	Facility Name	Facility Address	Facility County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
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Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
	CWA (Source ID: PRR040025)	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	Unknown											
	Quarterly Noncompliance Report History	Undetermined											

Informal Enforcement Actions

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

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

Formal Enforcement Actions

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100030111	Rio Culebrinas at mouth	--	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRWR95A	RIO CULEBRINAS	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS PATHOGENS PESTICIDES TURBIDITY	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Located in an area having 1 or more Census Block Supplemental State or US Percentiles >= 90%

Located in an area having 1 or more 1-Mile Average Supplemental State or US Percentiles >= 90%

EJScreen Indexes Shown

Index Type

Related Reports

EJScreen Community Report

Download Data

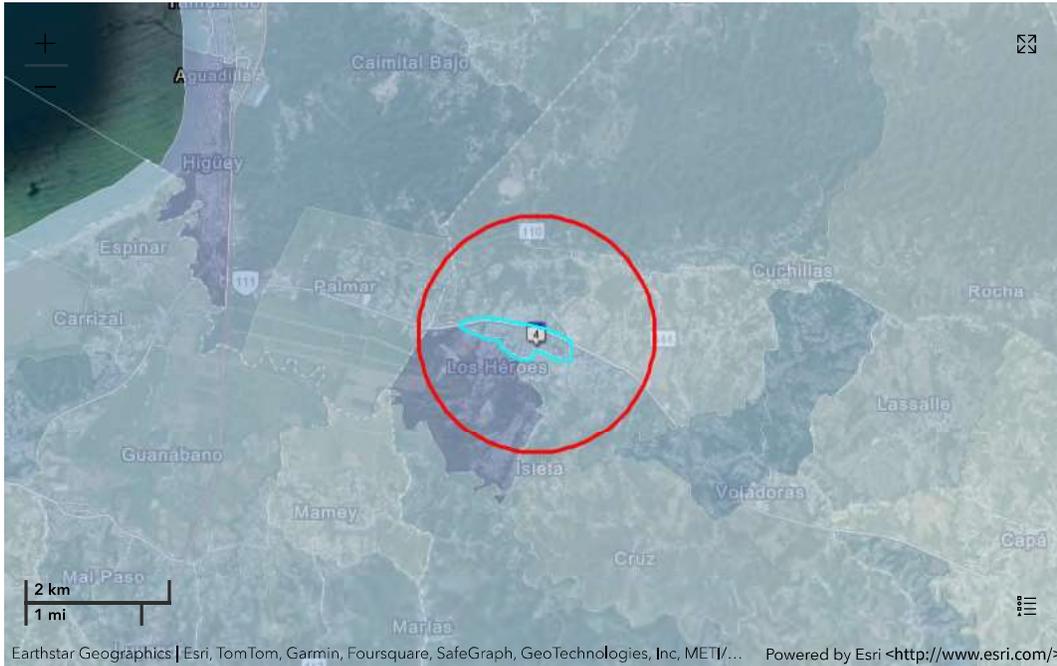
Census Block Group ID: 720994202002	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	5	5	6	1	1	3
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	7	57	43	57
Air Toxics Cancer Risk	54	52	55	85	56	90
Air Toxics Respiratory Hazard Index	38	35	40	84	57	90
Toxic Releases to Air	99	99	99	98	92	99

Census Block Group ID: 720994202002	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	99	94	99	86	54	86
Lead Paint	94	79	94	70	43	70
Risk Management Plan (RMP) Facility Proximity	97	93	98	65	52	69
Hazardous Waste Proximity	72	64	78	16	13	24
Superfund Proximity	88	82	88	3	3	4
Underground Storage Tanks (UST)	0	90	96	0	67	81
Wastewater Discharge	99	99	99	80	70	82

Map Display Based on: US State

Display Map Layer

Facility 1-mile Radius Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)	
Total Persons	6,765
Population Density	2,054/sq.mi.
Housing Units in Area	3,037

General Statistics (ACS (American Community Survey))	
Total Persons	6,212
Percent People of Color	100%
Households in Area	2,375
Households on Public Assistance	123
Persons With Low Income	4,357
Percent With Low Income	70%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	370 (5%)
Minors 17 years and younger	1,605 (24%)
Adults 18 years and older	5,160 (76%)
Seniors 65 years and older	1,183 (17%)

Race Breakdown (U.S. Census) - Persons (%)	
White	6,088 (90%)
African-American	330 (5%)
Hispanic-Origin	6,727 (99%)
Asian/Pacific Islander	12 (0%)
American Indian	10 (0%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.396067
Center Longitude	-67.113161
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	983 (41.35%)
\$15,000 - \$25,000	382 (16.07%)
\$25,000 - \$50,000	602 (25.33%)
\$50,000 - \$75,000	255 (10.73%)
Greater than \$75,000	155 (6.52%)

Race Breakdown (U.S. Census) - Persons (%)	
Other/Multiracial	327 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	638 (13.97%)
9th through 12th Grade	282 (6.17%)
High School Diploma	1,271 (27.83%)
Some College/2-year	660 (14.45%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,267 (27.74%)



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Memorandum to File

Date: September 30, 2024

From: Clifford Jarman
Environmental Consultant's Title
Senior Environmental Scientist CDBG-DR CDBG Program
City Revitalization Program Puerto Rico Department of Housing
Puerto Rico Department of Housing

Application Number: PR-CRP-000870

Project: Estacionamiento y Plazoleta Autonomous Municipality of Moca

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000870 under the City Revitalization 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.

Appendix D



Transmittal Letter

May 8, 2024

Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
P.O. Box 491
Boquerón, Puerto Rico 00622
Email: caribbean@es@fws.gov



Based on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is modified this office should be contacted concerning the need for the initiation of consultation under section 7 of Endangered Species Act of 1973.

Reviewer **DAMARIS ROMAN RUIZ** Digitally signed by DAMARIS ROMAN RUIZ
Date: 2024.05.10 11:24:20 -04'00'

ROBERT TAWES Digitally signed by ROBERT TAWES
Date: 2024.05.13 15:14:23 -04'00'
Acting Caribbean ES Field Supervisor

Subject: USFWS Endangered Species Act Certifications – April 2024

We are submitting the following Self-Certifications for projects under the CDBG-DR City Revitalization Program. Attached are included the Self-Certifications that certify that the projects are in compliance and are not likely to adversely affect federally-listed species.

The following table includes the projects that are in compliance with the Blanket Clearance Letter for the Endangered Species act of 1973, as amended, and the Fish and Wildlife Coordination Act.

Project Number	Project Name
PR-CRP-000434	Plaza Pública RBdC
PR-CRP-000838	Plaza Céntrica de Aguada
PR-CRP-000870	Estacionamiento y Plazoleta de Actividades
PR-CRP-000879	Coliseo Arquelio Torres
PR-CRP-001116	Centro Integral Educativo Maunabeño

For more information, please contact the Permits and Environmental Compliance Division at environmentcdbg@vivienda.pr.gov or at (787)274.2527 ext. 4320.

Sincerely,

Permits and Environmental Compliance Division
Office of Disaster Recovery



Self-Certification

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

Endangered Species Act Certification

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

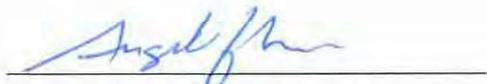
The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies the project **Estacionamiento y Plazoleta de Actividades (PR-CRP-000870)** consisting of improvements to a previously impacted lot as a paved concrete parking, that will also be used as a small square for outdoor activities, and will serve as meeting point and first response space in an emergency event; construction of a concrete platform for sanitary facilities, reforestation in the green areas around the paved area of the parking lot, installation of lighting poles that work with sustainable energy, improvements in the streets and sidewalks at Valentín Pérez and Monseñor Streets; located at Valentín Pérez and Monseñor Streets, Moca, PR 00676; coordinates 18.391988, -67.112296, complies with:

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

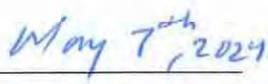
<input type="checkbox"/>	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
<input type="checkbox"/>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

USFWS Self-Certification
PR-CRP-000870



Ángel G. López-Guzmán
Deputy Director
Permits and Environmental Compliance Division

Office of Disaster Recovery
Address: P.O. Box 21365 San Juan, PR 00928
Telephone and Ext: 787-274-2527 ext. 4320
Email: environmentcdbg@vivienda.pr.gov



Date

Attachment 1

Location Map

Critical Habitat Map

Wetlands Map

Photos

Critical Habitat for Threatened & Endangered Species [USFWS] PR-CRP-000870

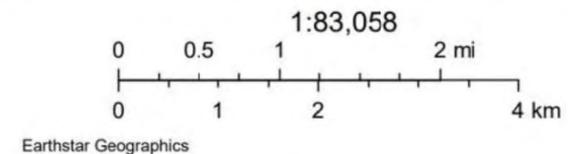


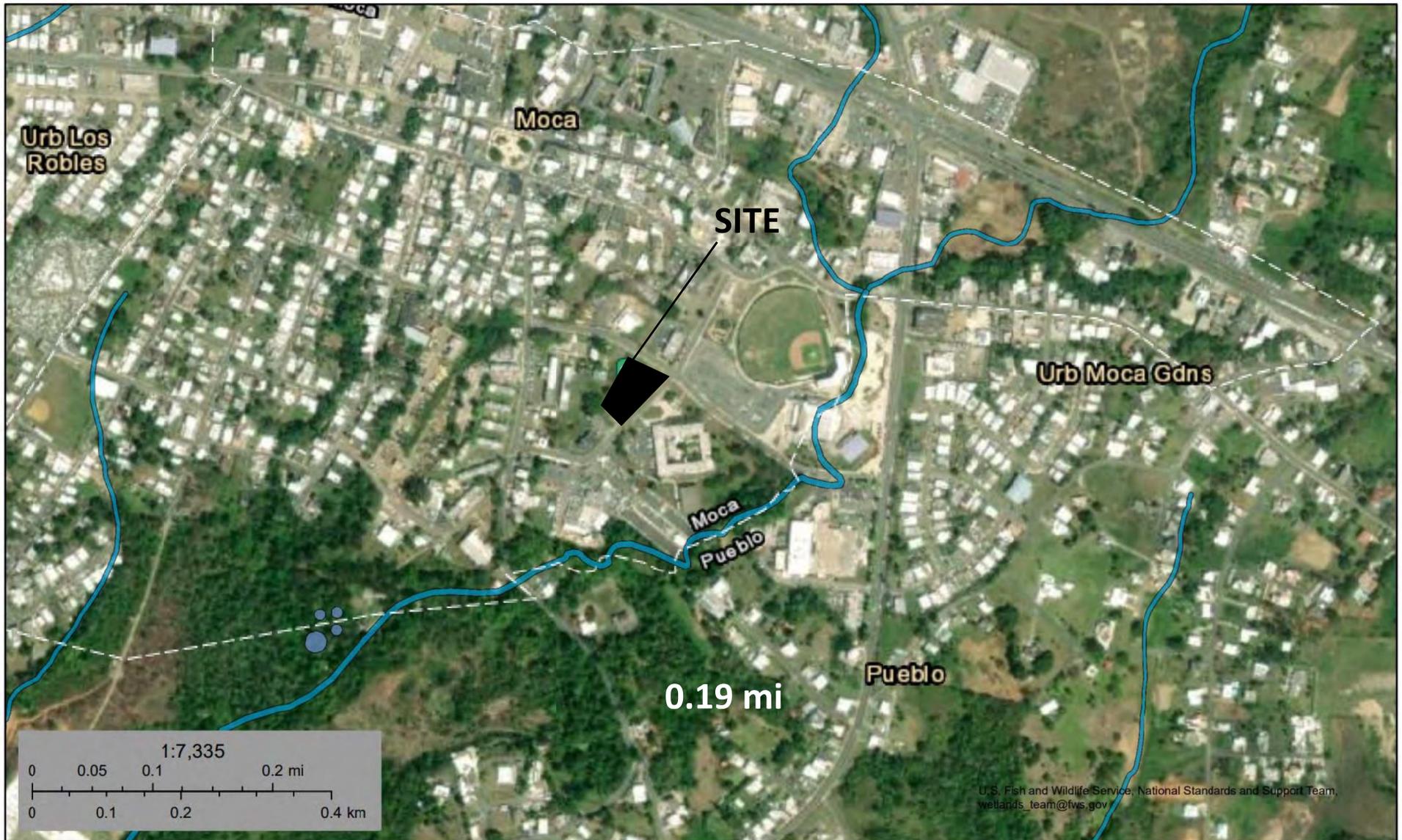
3/14/2024

Project Name: ESTACIONAMIENTO Y PLAZOLETA DE ACTIVIDADES

Project Location: Lat- 18.391988°, Lon- -67.112296°

Map Source: [Critical Habitat for Threatened & Endangered Species \[USFWS\] \(arcgis.com\)](https://www.fws.gov/arcgis)





U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

March 14, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine



North

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Project Location: Lat- 18.391988°, Lon- -67.112296°
Map Source: [National Wetlands Inventory \(usgs.gov\)](https://www.fws.gov/wetlands)

Location Map

Project Name: ESTACIONAMIENTO Y PLAZOLETA DE ACTIVIDADES
Project Number: PR-CRP-000870



North

Legend

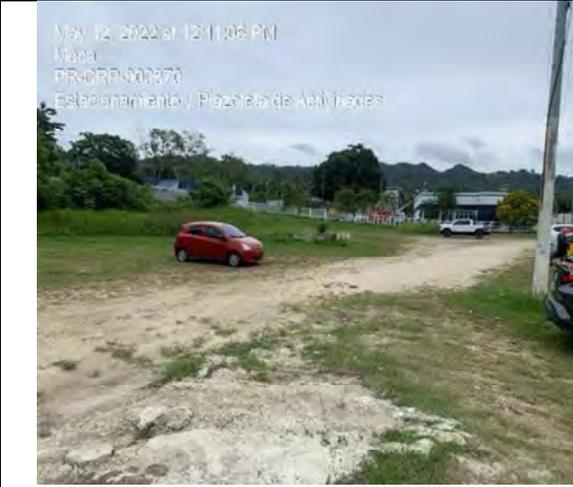


Site polygon

Project Location: Calle Monseñor J. Torres
Project Coordinates: latitude 18.391988° longitude -67.112296°
Map Source: [Google Earth](https://www.google.com/earth/)



PR-CRP-000870 Site Photos Attachment



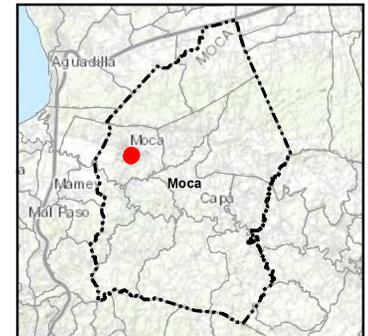
Appendix E



Legend

- Lat: 18.391988, Long: -67.112296
- Project Area
- US Census Urban Areas

PUERTO RICO



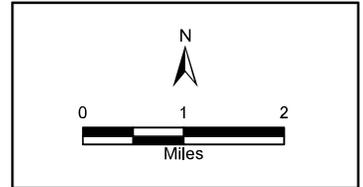
TE TETRA TECH

Source: CRIM 2014
 (<https://catastro.cnimpr.net/cdprpc/>),
 U.S. US Census Bureau 2023
 (<https://www2.census.gov/geo/tiger/TIGER2023/UAC/>), ESRI 2024.

Author: Genevieve Kaiser
 Date: 6/14/2024

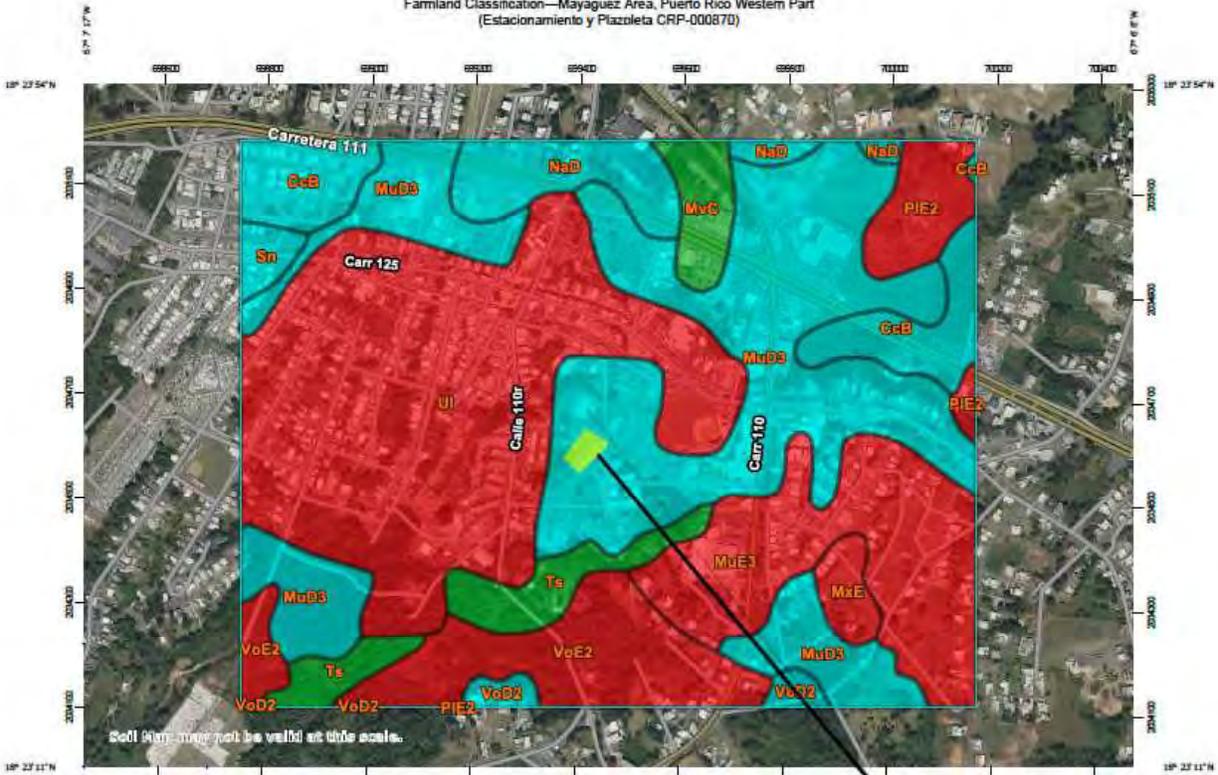
Urban Areas Map
Estacionamiento y Plazoleta Autonomous Municipality of Moca

Applicant ID: PR-CRP-000870
Project Coordinates: Lat: 18.391988, Long: -67.112296
Address: Intersection of Calle Valentin Perez and Calle Monsenor J. Torres,
 Moca PR 00676



File Path: C:\projects\TETRA TECH\PROJECTS\CRP\000870\Map\UrbanAreasMap.mxd

Farmland Classification—Mayaguez Area, Puerto Rico Western Part
(Estacionamiento y Pizoleta CRP-000870)



18.39267835, -67.11229171
Calle Monsenor J Torres,
Moca, PR, 00676

Map Scale: 1:9,210 if printed on A landscape (11" x 8.5") sheet.
0 100 200 400 600 Meters
0 400 800 1600 2400 Feet
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

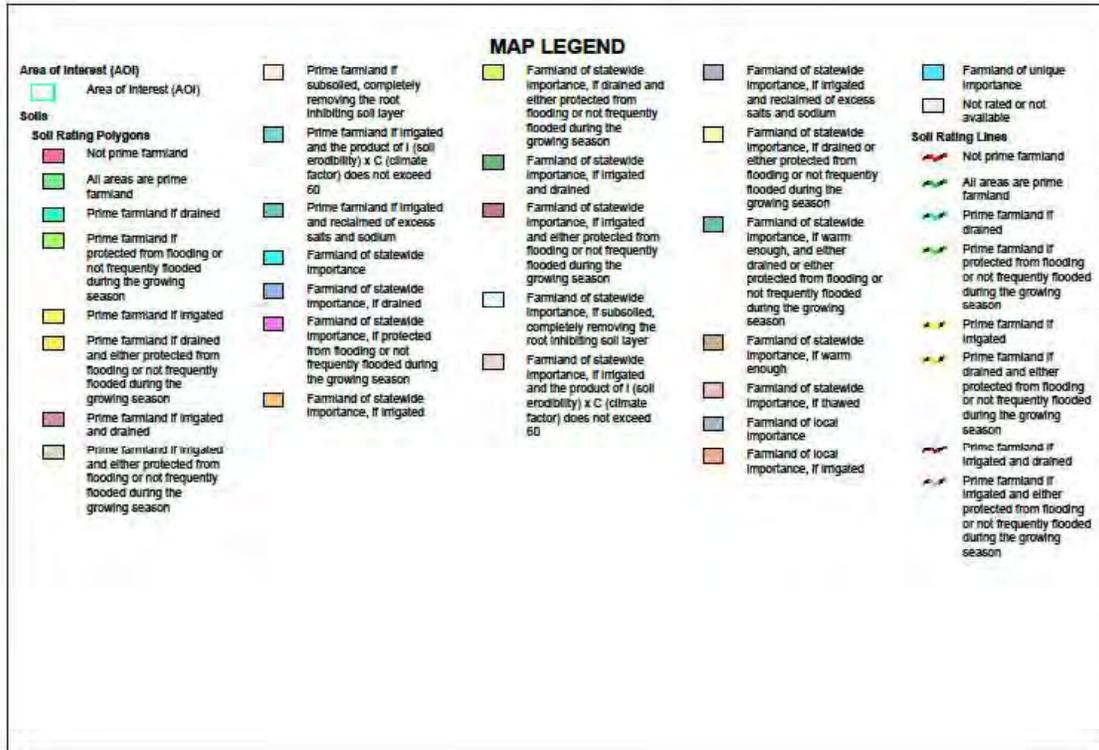
Natural Resources Conservation Service
<https://websoilsurvey.sc.egov.usda.gov/App/>

Web Soil Survey
National Cooperative Soil Survey



5/2/2023
Page 1 of 6

Farmland Classification—Mayaguez Area, Puerto Rico Western Part
(Estacionamiento y Plazoleta CRP-000870)



Farmland Classification—Mayaguez Area, Puerto Rico Western Part
(Estacionamiento y Píazoleta CRP-000870)

			Soil Rating Points	

Farmland Classification—Mayaguez Area, Puerto Rico Western Part
(Estacionamiento y Ptaoleta CRP-000870)

<ul style="list-style-type: none"> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if irrigated and drained Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if subsolled, completely removing the root inhibiting soil layer Farmland of statewide importance, if irrigated and the product of f (soil erodibility) $\times C$ (climate factor) does not exceed 60 	<ul style="list-style-type: none"> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if warm enough Farmland of statewide importance, if thawed Farmland of local importance Farmland of local importance, if irrigated 	<ul style="list-style-type: none"> Farmland of unique importance Not rated or not available <p>Water Features</p> <ul style="list-style-type: none"> Streams and Canals <p>Transportation</p> <ul style="list-style-type: none"> Rails Interstate Highways US Routes Major Roads Local Roads <p>Background</p> <ul style="list-style-type: none"> Aerial Photography 	<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Mayaguez Area, Puerto Rico Western Part Survey Area Data: Version 18, Sep 12, 2022</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
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Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
CcB	Camaguey clay, 2 to 5 percent slopes	Farmland of statewide importance	20.8	5.4%
MuD3	Moca clay, 12 to 20 percent slopes, severely eroded	Farmland of statewide importance	113.9	30.0%
MuE3	Moca clay, 20 to 40 percent slopes, severely eroded	Not prime farmland	43.0	11.3%
MvC	Montegrande clay, 2 to 12 percent slopes	All areas are prime farmland	7.4	2.0%
MxE	Mucara clay, 20 to 40 percent slopes	Not prime farmland	4.8	1.2%
NaD	Naranjo clay, 12 to 20 percent slopes	Farmland of statewide importance	15.9	4.2%
PIE2	Plata clay, 20 to 40 percent slopes, eroded	Not prime farmland	10.9	2.9%
Sn	Santoni clay	Farmland of statewide importance	3.2	0.8%
Ts	Toa silty clay	All areas are prime farmland	14.4	3.8%
U1	Urban land	Not prime farmland	110.4	29.1%
VoD2	Voladora silty clay, 12 to 20 percent slopes, eroded	Farmland of statewide importance	3.9	1.0%
VoE2	Voladora silty clay, 20 to 40 percent slopes, eroded	Not prime farmland	31.4	8.3%
Totals for Area of Interest			379.7	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Appendix F



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Thursday, June 13, 2024

Lauren B Poche

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

SHPO-CF-05-21-24-04 PR-CRP-000870 (Moca), Mejoras Plaza de Recreo Project

Ms. Poche,

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

Our records support your finding of no historic properties affected within the project's area of potential effects.

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

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ OJR





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

May 21, 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 City Revitalization (City-Rev) Program

Section 106 Effect Determination Submittal for PR-CRP-000870: Estacionamiento Y Plazoleta De Actividades Project, Moca, Puerto Rico – *No Historic Properties Affected*

Dear Architect Rubio Cancela,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (PRDOH) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents. To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the Department's objectives Puerto Rico Housing (PRDOH) for CDBG-DR.

On behalf of PRDOH and the subrecipient, the Municipality of Moca, we are submitting documentation for the proposed Estacionamiento Y Plazoleta De Actividades Project, which is part of the City Revitalization Program. The project will create a new space where emergency vehicles and services can locate to provide services and supplies after any sort of disaster. The project incorporates a large parking area where vehicles or containers can be parked without obstruction. This project will be one of the town's future resiliency hubs. The full scope of the project is described in detail within the submitted documentation, which includes mapping, photographs, and 100% design plans.

Based on the provided documentation, the Program requests a concurrence with a determination that no historic properties affected is appropriate for this undertaking.

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

Kindest regards,

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

Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM		
CITY REVITALIZATION PROGRAM (CITY-REV)		
Section 106 NHPA Effect Determination		
Subrecipient: Municipio de Moca		
Project Name: Estacionamiento y Plazoleta de Actividades		Project ID: PR-CRP-000870

Project Location: Calle Monseñor J. Torres esquina Calle Valentín Pérez, Moca PR 00676	
Project Coordinates: 18.392063, -67.112277	
TPID (Número de Catastro): 070-032-023-57-000 and 070-042-023-63-000	
Type of Undertaking: <input type="checkbox"/> Substantial Repair <input checked="" type="checkbox"/> New Construction	
Construction Date (AH est.): N/A	Property Size (acres): 0.96 acres

SOI-Qualified Architect/Architectural Historian: Arch. Edmundo R. Colón Izquierdo, María F. Lopez Schmid, Revised
Date Reviewed: October 4, 2023, 3/15/2024
SOI-Qualified Archaeologist: Ivor Hernández Llanes/ Roberto G. Muñoz-Pando, PhD, Revised
Date Reviewed: October 4, 2023/ April 10, 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 Moca “Estacionamiento y Plazoleta de Actividades” (MEPA) project aims to create a new space where emergency vehicles and services can locate to provide services and supplies after any sort of disaster. The project incorporates a large parking area where vehicles or containers can be parked without obstruction. This project will be one of the town’s future resiliency hubs.

There are currently no buildings on this site, but it has been impacted previously. (Photo 1) A storm sewer pipe and catch basins within the site connect the municipal system through this lot. (Photo 2) These will be improved as part of this project.

The main undertaking for this project is the construction of a concrete surface that provides approximately 82 parking spots for regular cars or 22 emergency vehicles and trailers. (See diagram below) This parking area will be provided with electrical connection points for emergency vehicles and a transfer switch that allows for connection of a portable emergency generator to power temporary emergency vehicles.

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Site Plans

Additional improvements include construction of a roofed performance platform and small bathroom facilities that will serve the community daily. These are the only buildings on site, and total around 800 square feet of construction. Towards the southern side of the project, in front of an existing school, new gardens will provide shaded seating areas and access to the restroom facilities. In the lot's northeast corner, a small square will serve as both plaza and viewing area for the performance platform. Demolition of existing concrete structure and sidewalks surrounding the parking area is also proposed as depicted on page 5 of the 100% designs.

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Desing Rendering of Plaza

Trees will be planted on Valentin Pérez and Monseñor Streets, as well as on the site's perimeter, as part of greening initiatives. Additionally, the bathroom building's façade will be planted with vines.



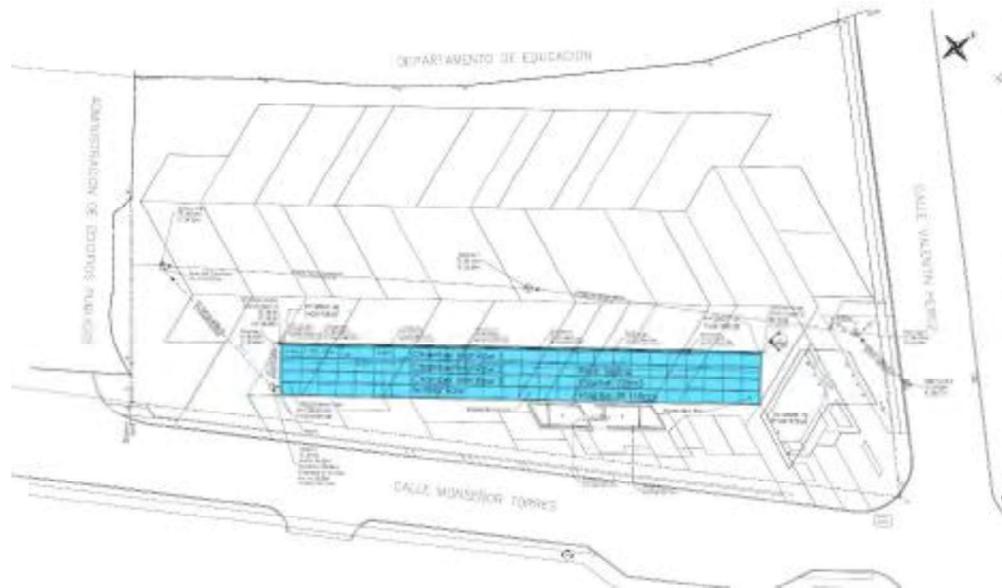
Desing Rendering of canopy sidewalk

Lastly, ground disturbances are limited to shallow excavations for footings of the proposed buildings and a stormwater retention system. The proposed site improvements require that runoff be captured and managed on site. For this purpose, an underground storm water retention chamber system will be installed. This excavation is 56 by 6 meters in area and limited to 1.5 meters from existing grade at its deepest point.

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Site Plan with area to be excavated.

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 3,765.60 m² and the visual APE is the viewshed of the proposed project, which has been defined as the properties and streets surrounding the site, which have an approximate area of 33,000 square meters.

The direct APE is comprised of two parcels with cadaster numbers 070-032-023-57-000 and 070-042-023-63-000. The two portions of the combined parcels have an approximate area of 3,765.60 m² (40,532.58 ft²).

The Visual APE has been defined as the streets directly adjacent to the property, Valentin Pérez Street, and Monseñor Street, as well as the extension of these where the project will be visible from. Additionally, the open areas and buildings adjacent to or across the street where the project is visible from has been added.

The site is not within the boundaries of a Traditional Urban Center.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Moca	
Project Name: Estacionamiento y Plazoleta de Actividades	Project ID: PR-CRP-000870

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area should not affect any archaeological resources.

A review of the electronic files and paper files and site forms at the Puerto Rico State Historic Preservation Office (SHPO), and the electronic site map at the Division of Archaeology at the Institute of Puerto Rican Culture (ICP) revealed that there are two historic properties with potential for in situ archaeological resources within a quarter-mile radius (half-mile diameter) study area centered on the proposed project.

Archaeological Data

Two historic properties with potential for in situ archaeological resources are located within 0.25 miles of the APE. "Iglesia Nuestra Señora de Monserrate" is located 0.23 miles northwest of the APE. Its SHPO ID # is MC0200005, its ICP ID # MA-14 and it is a 19th century one level religious structure from the Catholic Church. Its National Register of Historic Places (NRHP) status is pending. The other historic properties with potential for in situ archaeological resources is "Escuela Adolfo Babilonia Quiñones", SHPO ID # MC0200007 and ICP ID # MA-16. It is located 0.23 miles northwest of the APE. It was built in 1929 as a school for the town and its value is historic, infrastructure, and institutional. NRHP status is pending.

Most of the APE is located on Moca clay (MuD3) soil with 12 to 20 percent slopes and which is severely eroded, making the soil conditions far less than ideal for archaeological deposits to be found therein.

Four archaeological resource surveys have been conducted within a 0.25-mile radius of this APE. One of these surveys yielded positive results for archaeological materials and three of them yielded negative results for archaeological materials.

The three archaeological resource surveys that yielded negative results for archaeological materials are the following. In 1992, Rossana Santos Emmanuelli authored a Phase IB survey titled: "Mejoras al Sistema de Suministro de Agua," 0.19 miles northwest of the APE at its closest point. Its results were negative and its Institute of Puerto Rican Culture number (IPRC #) is ICP/CAT-A6-92-02-04. In 1989, Miguel Rodríguez López conducted a Phase IA-IB archaeological research study titled "Mejoras y Reconstrucción a Escuela Elemental Urbana," its closest point to the APE being 0.19 miles northwest. Its results were negative and its IPRC # is ICP/CATMC-89-01-01. In 2004, Fernando Alvarado Muñoz wrote a Phase IA-IB

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
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survey titled “Construcción Sistema sanitario en los sectores villa soto, Ave. La Moca y Loperana,” 0.21 miles northeast of the APE at its closest point. Its results were negative and its State Historic Preservation Office number (SHPO ID #) is 03-04-04-02.

There was one archaeological resource survey within the 0.25-mile buffer that yielded positive results to archaeological materials. The positive results were found in a Phase IA-IB survey, performed in 1994 by Eduardo Questell Rodríguez titled “Alcantarillado Sanitario Moca, Comunidades Isleta, Voladoras y Lomas Verdes. Sub-Troncal Isleta, Voladoras y Lomas Verdes.” Its closest point to the APE is 0.20 miles east. The author wrote that a possible precolonial lithics workplace site was discovered. Flakes, nucleus, blades, and hammers were found as well as the point of a petaloid ax and precolonial ceramic fragments. A Phase II survey was recommended, but we did not find paperwork on the Phase II on the agencies. The findings of this survey are the main reason why the program recommends a monitoring on this site.

Moca Historical Notes

The history of the town of Moca begins with the original inhabitants of the place under the jurisdiction of the chiefdom of Aymamón, territory of Aymaco, although according to the historian Cayetano Coll y Toste, it follows that there were several chiefdoms in the region with their respective leaders to which this region could belong due to its relative proximity. (Coll y Toste 1907)

Under Spanish rule the town of Moca was founded on June 22, 1772 under the invocation of the Virgin of Monserrate, at the request of the neighbor José de Quiñones and “71 neighbors” asked Governor Miguel de Mueas for permission to found the town. The foundation of the town occurs at a time when a great demographic growth occurred on the island. According to the historian Fernando Picó towards the end of the eighteenth century, the population on the island had multiplied by six, not only by births but also by people from different regions of Europe and the Caribbean as a result of political changes. At this time most of the neighbors lived in the fields, there was a church, a jail, butcher, cemetery and eleven houses in the area of the playground with two shops that supplied food to the entire population. In 1775, Moca had 1,051 inhabitants, 121 farms planted with sugar cane, coffee, cotton and minor fruits. Half a century after the foundation there were 5,906 inhabitants (between different ethnicities and origins), and agricultural activity was on the rise, particularly the planting of Moca coffee was constituted with 12 neighborhoods: Pueblo, Aceitunas, Capá, Centro, Cerro Gordo, Cruz, Cuchillas, Marías, Naranja, Plata, Rocha and Voladora. (Sociedad Cívico- Cultural Inc. Pro-Commemoración del Bicentenario de Moca 1972) (Picó 1986)

Subrecipient: Municipio de Moca

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Topographic Map of Moca, 1886. Ejército Español. Approximate APE marked in Red.

Moca received the nineteenth century with a series of natural phenomena that caused considerable damage that affected the economic and social development of the town. In 1807 Hurricane San Agapito hit, in 1816, with Hurricane Santa Prisca the Culebrinas River overflowed, in 1824 the hurricane La Monserrate destroyed all the banana plantations and in 1899 the disastrous hurricane San Ciriaco destroyed all the plantations of the coast. Despite the weather conditions and the damage caused, in 1845 there were eight coffee plantations in Moca, two that were dedicated to cultivation and 680 coffee farms. In 1860 the Iurena estate of the Labadie Succession was founded. The Enriqueta hacienda From the previous table it can be established that the economy of Moca, from the middle of the century was directed to the local market where coffee was exported through intermediaries and sugar cane was milled in nearby mills. In 1868 the superior government of the island requested a detailed report on the conditions of the town with a view to suppressing it, however, the members of the Municipal Board prevented it with solid arguments about the progress achieved. In 1876, Aguadilla requested the annexation of Moca, but this had no effect. (Sánchez Babilonia 1984)

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		
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On August 14, 1898, the United States Army took possession of Moca and as in all of Puerto Rico, the legal conditions changed. The municipal administration was reorganized and in 1902 the legislature approved the consolidation of 20 municipalities. Moca, after two previous attempts, was annexed to Aguadilla. In 1905, Moca was again constituted as an independent municipality. From then on, there are changes of all kinds and of importance for the development of the town, including: the foundation of a music academy in 1908, work was done on an artesian well in the playground (although the activity had to be suspended because no water was found), the construction of the playground was completed in 1910, In 1919 the first telephone was installed, the first silent cinema named Loyalty in 1920, in 1928 the electric power was inaugurated and in 1967 the Cultural Center was inaugurated, among other events. (Sociedad Cívico- Cultural Inc. Pro Conmemoración del Bicentenario de Moca 1972)



Aerial photo, 1939. The site was a cane plantation. Approximate APE marked in Red.

In 1972, the population of Moca had amounted to 22,361 inhabitants, a total enrollment of 7,003 students, four ecclesiastical institutions, three financial institutions, five organizations civic-cultural and 1963 commercial establishments, among other development projects. Today Moca, the "Capital of the World", as it is recognized, has a population of 39,697 inhabitants according to the 2000 Census and continues to consist of thirteen neighborhoods. Based on the research we have gathered, the program considers the probability of finding new and undisturbed archaeological resources in the APE low.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipio de Moca	
Project Name: Estacionamiento y Plazoleta de Actividades	Project ID: PR-CRP-000870

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 a National Register of Historic Places (NRHP)- listed property, Traditional Urban Center, or Historic Zone. There are National Register listed properties inside the quarter mile buffer zone from the APE. The NRHP-eligible Traditional Urban Center of Moca, is located 0.14 miles to the northwest and is inside the quarter mile buffer zone from the APE. There are seven NRHP-eligible properties inside the quarter mile buffer zone from the APE. These NRHP-eligible properties are summarized below.

Unidad de Salud Pública 0.17 miles northwest of the APE. Spanish Revival building constructed circa 1928. Located at 18.394493, -67.111426.

Estación de Bomberos 0.05 miles west of the APE. Constructed ca. 1950 with second level addition on the front portion of the building. Located at 18.393416, -67.113440.

Casa Criolla en Calle Blanca E. Chico, Núm. 187, 0.18 miles northwest. Ca. 1950 Criollo wooden house with a side gable roof and full width balcony. Located at 18.394212, -67.113719.

Escuela Adolfo Babilonia Quiñones, 0.22 miles north of the APE. Located at 18.395421, -67.112772.

Plaza José D. Quiñones, 0.21 miles northwest. Located at 18.394734, -67.113762.

Parroquia Nuestra Señora de la Monserrate, 0.24 miles to the northwest of the APE has classical architectural language with a belfry. Renovated in 1990, only the dome of the altar remains from the original. c1950. Located at 18.395422, -67.113268.

Residencial José A. Gándara, 0.11 miles west of the APE. This public housing complex was constructed in 1955, consisting of 11 buildings. Located at 18.391728, -67.113931.

Since this lot is empty of any structure, the proposed project in the APE will not affect historic properties.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Moca	
Project Name: Estacionamiento y Plazoleta de Actividades	Project ID: PR-CRP-000870

Determination

The following historic properties have been identified within the APE:

- Direct Effect: None
- Indirect Effect: None

Based on the results of our historic property identification efforts, the Program has determined that no historic properties affected is appropriate for this undertaking.

In the past, the site was used for agricultural activity of minor products and sugar cane. In the mid-twentieth century the town began to expand, and the fields were eliminated in its urbanization process. All remnants of the agricultural past have been eliminated from the site and its surroundings. Around the site there is a public middle school in front and a sports complex to the northeast. The overall area is being used as a parking lot, so the project does not visually affect the surrounding area. There are no buildings in the site.

Due to the soil conditions of the APE being severely eroded, the closest archaeological sites are located 0.23 miles northwest of the APE, and the distance from the APE to the closest positive archaeological resource survey (0.20 miles east), the program has determined that no archaeological resources will be affected by this project.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	
Subrecipient: Municipio de Moca	
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Recommendation (Please keep on same page as SHPO Staff Section)

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

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

This Section is to be Completed by SHPO Staff Only

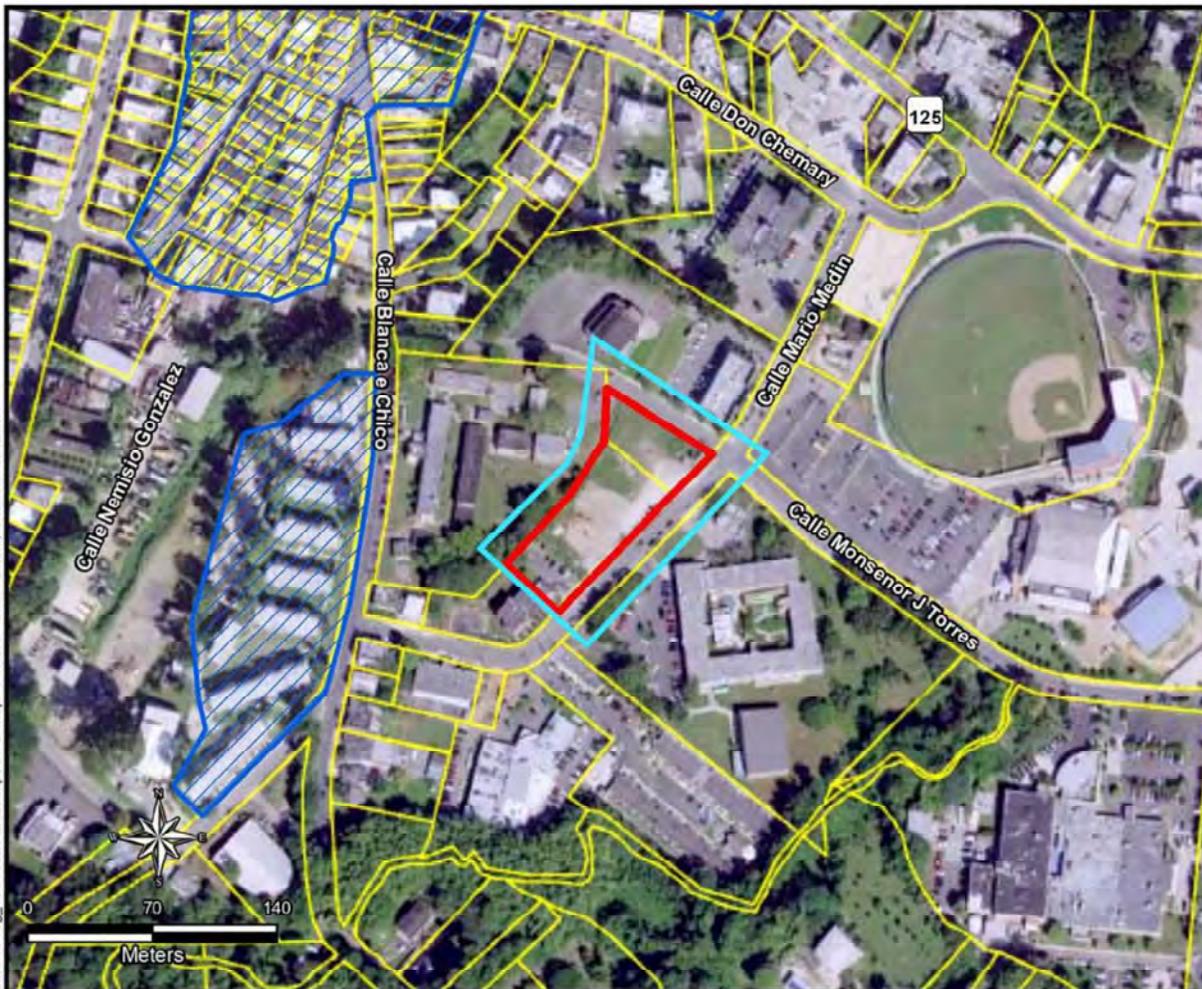
The Puerto Rico State Historic Preservation Office has reviewed the above information and: <input type="checkbox"/> Concurs with the information provided. <input type="checkbox"/> Does not concur with the information provided.	
Comments: 	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

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



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TETRA TECH

Source: CRIM, PR State
Historic Preservation
Office, NSPS NRIS,

Author: GK

Date: 3/15/2024

Legend

-  Area of Potential Effect
-  Traditional Urban Area
-  Parcels
-  Visual APE



Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location - Aerial Map



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TETRA TECH

Source: CRIM, PR State
Historic Preservation
Office, NSPS NRIS,

Author: GK

Date: 3/18/2024

Legend

-  Area of Potential Effect
-  Traditional Urban Area
-  Parcels
-  Visual APE

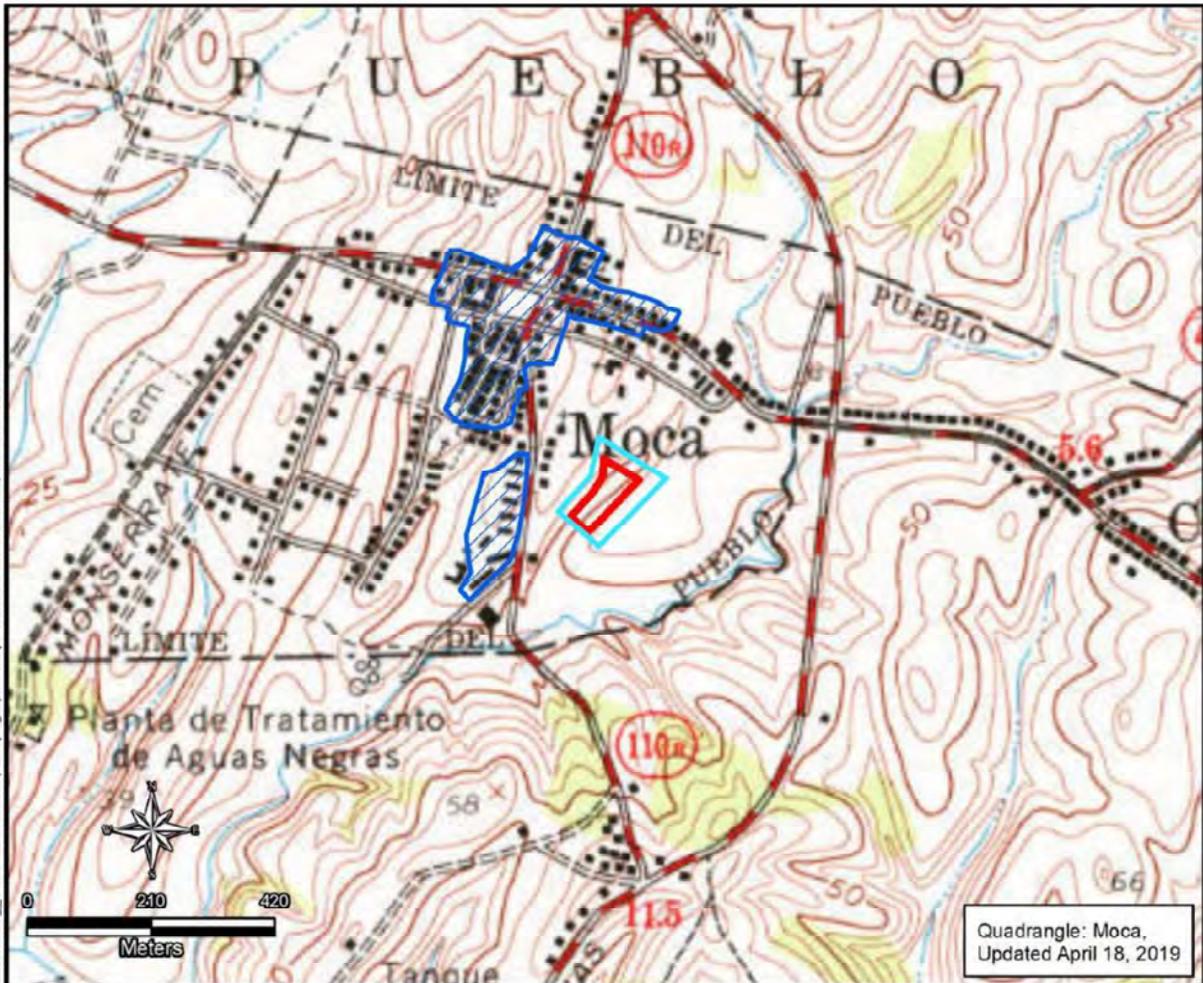


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location - USGS Topographic Map



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Source: CRIM, PR State Historic Preservation Office, NSPS NRIS.

Author: GK

Date: 3/18/2024

Legend

- Area of Potential Effect
- Traditional Urban Area
- Visual APE

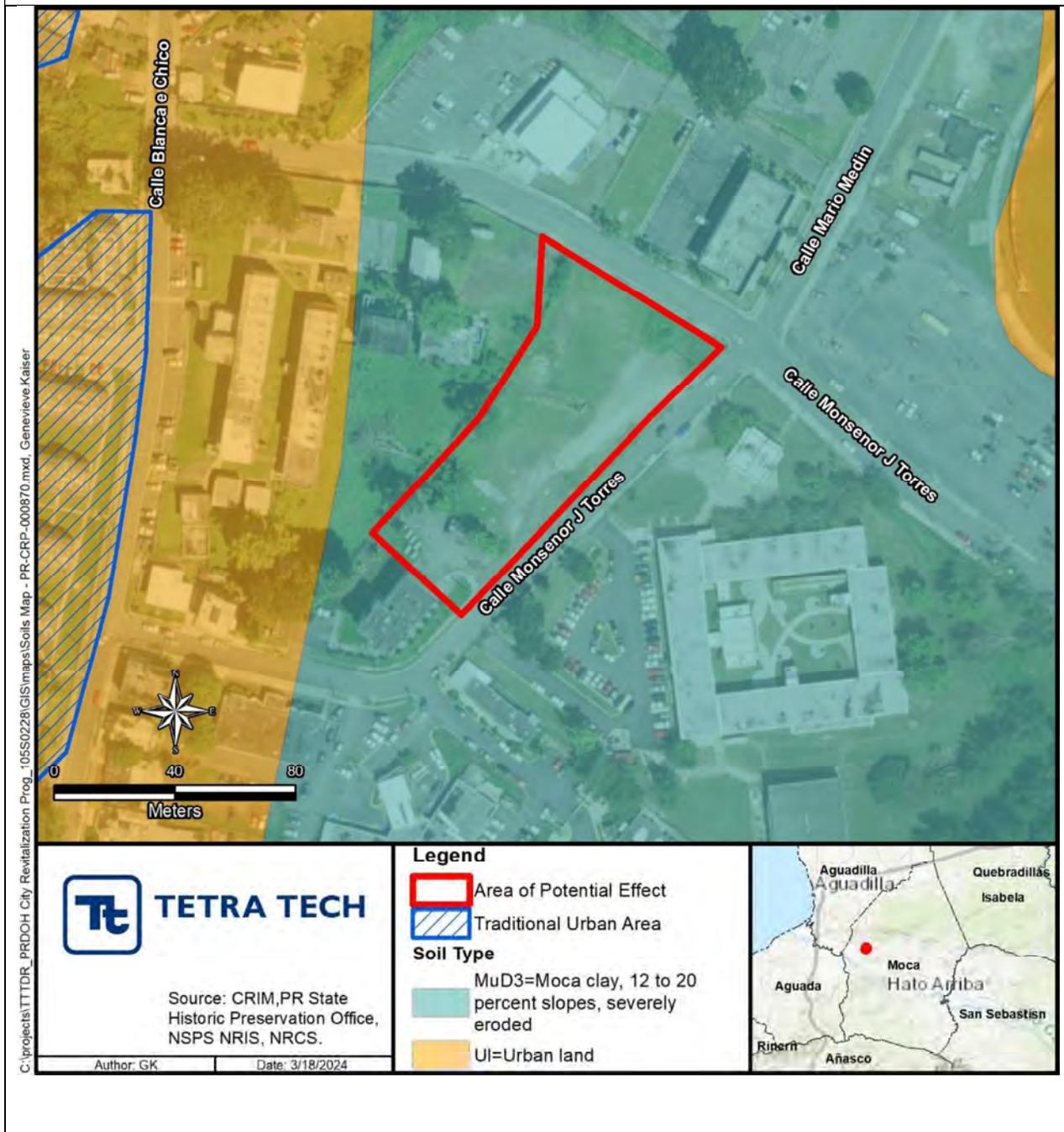


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location – Soils Map

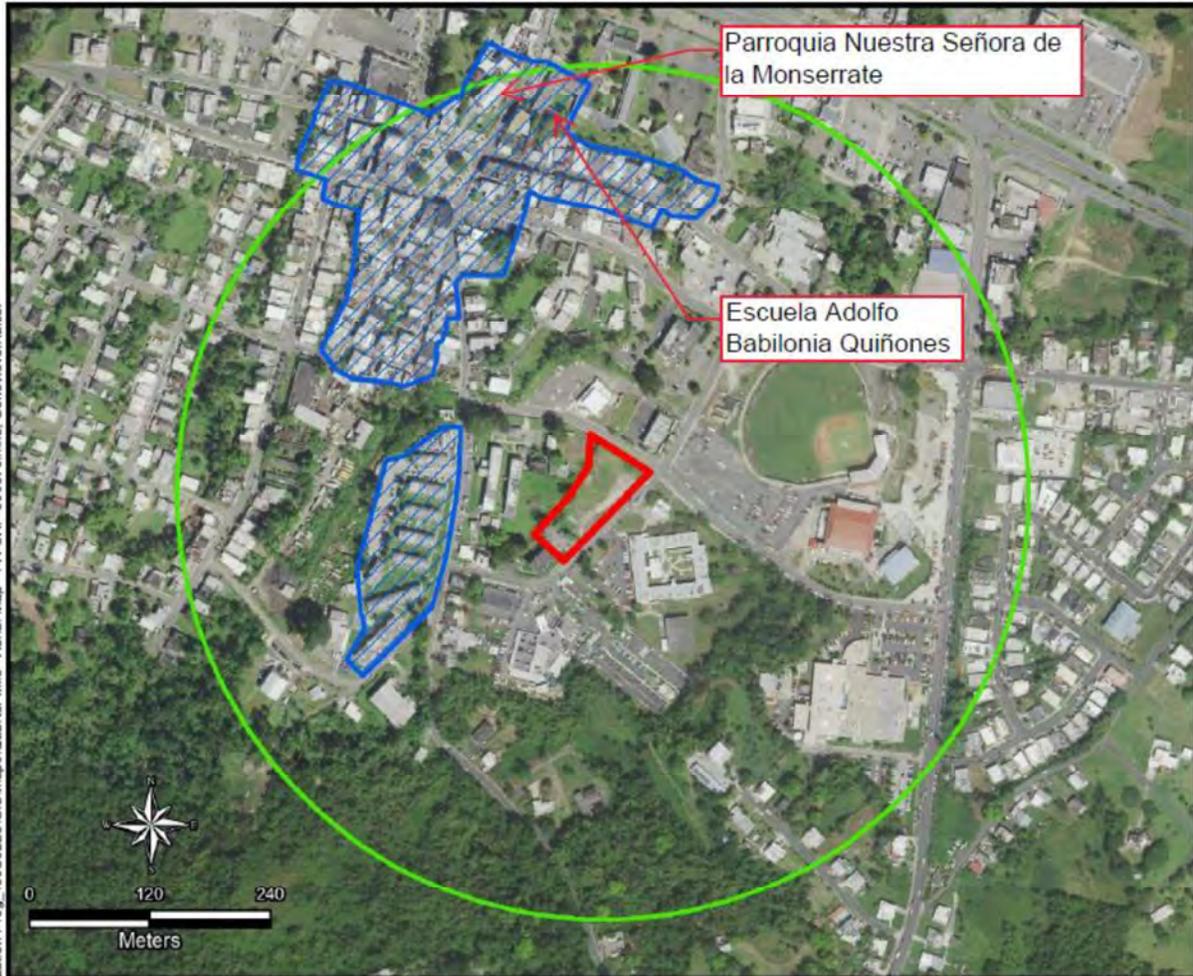


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location with Previously Recorded Archaeological Sites- Aerial Map



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TETRA TECH

Source: CRIM, PR State
Historic Preservation
Office, NSPS NRIS,

Author: GK

Date: 3/18/2024

Legend

-  Area of Potential Effect
-  Traditional Urban Area
-  Quarter Mile Buffer

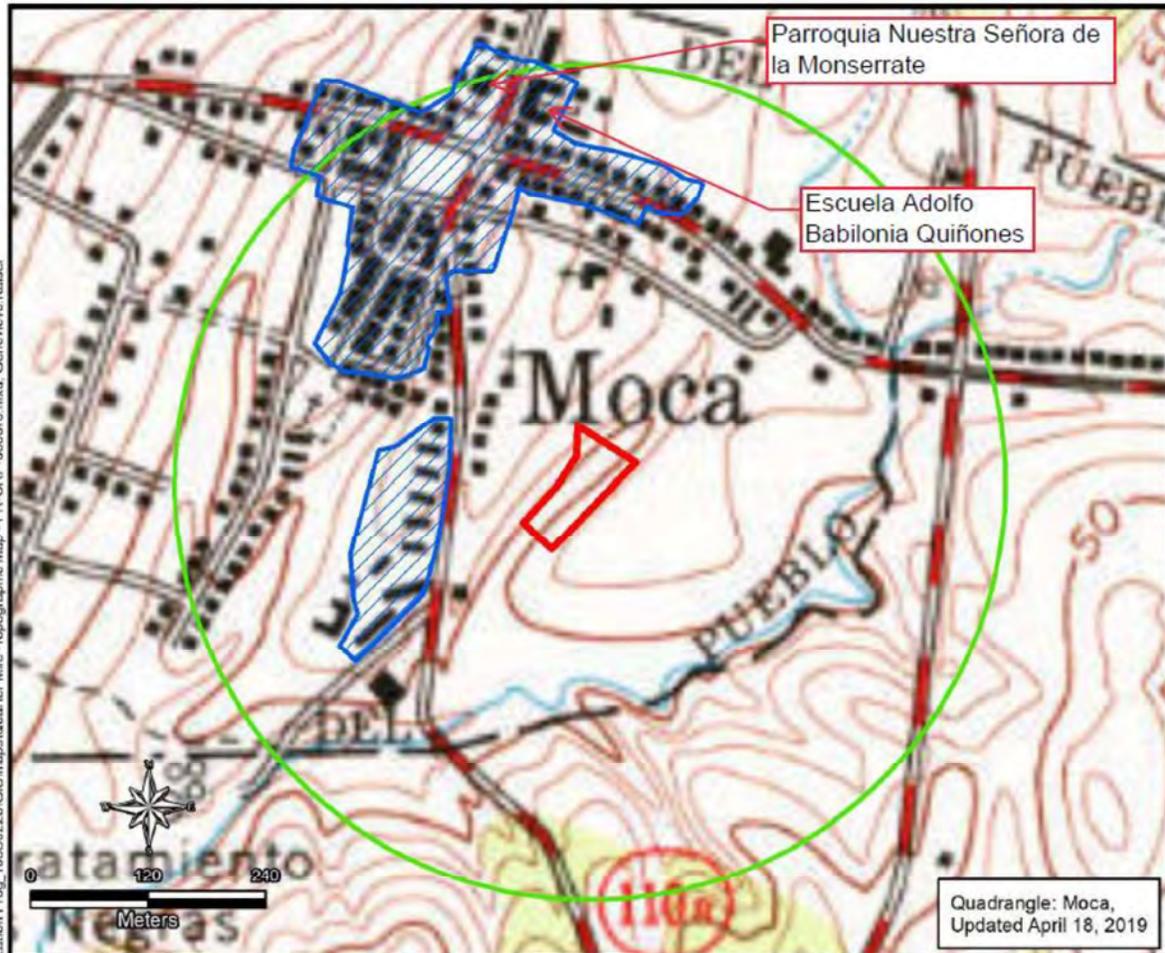


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location with Previously Recorded Archaeological Sites USGS Topographic Map



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Source: CRIM, PR State Historic Preservation Office, NSPS NRIS,

Author: GK

Date: 3/18/2024

Legend

-  Area of Potential Effect
-  Traditional Urban Area
-  Quarter Mile Buffer

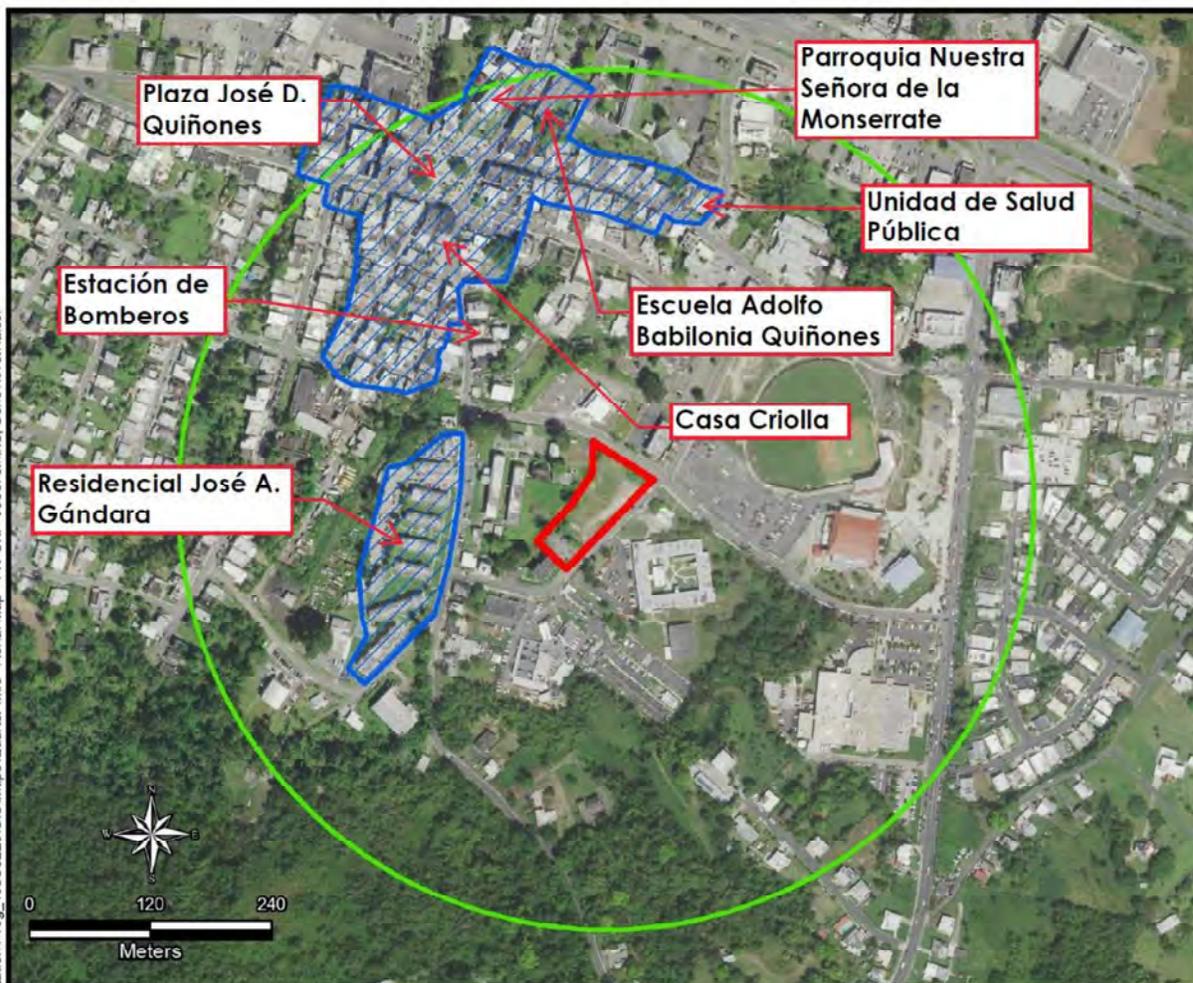


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location with NRHP-eligible Properties - Aerial Map



Source: CRIM, PR State
Historic Preservation
Office, NSPS NRIS,

Author: GK

Date: 3/18/2024

Legend

-  Area of Potential Effect
-  Traditional Urban Area
-  Quarter Mile Buffer



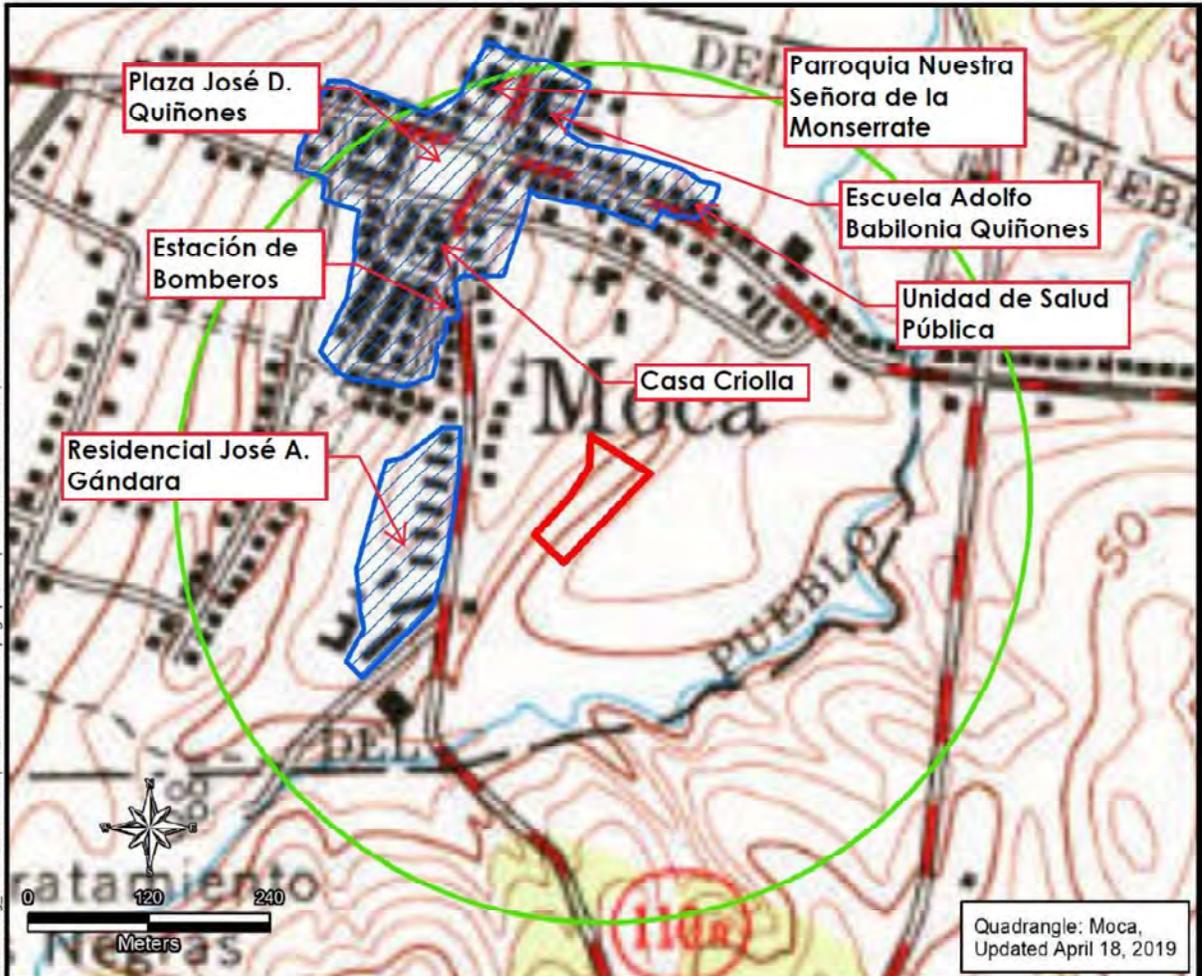
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Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Project (Parcel) Location with NRHP-eligible Properties USGS Topographic Map



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Source: CRIM, PR State Historic Preservation Office, NSPS NRIS,

Author: GK Date: 3/18/2024

- Legend**
- Area of Potential Effect
 - Traditional Urban Area
 - Quarter Mile Buffer

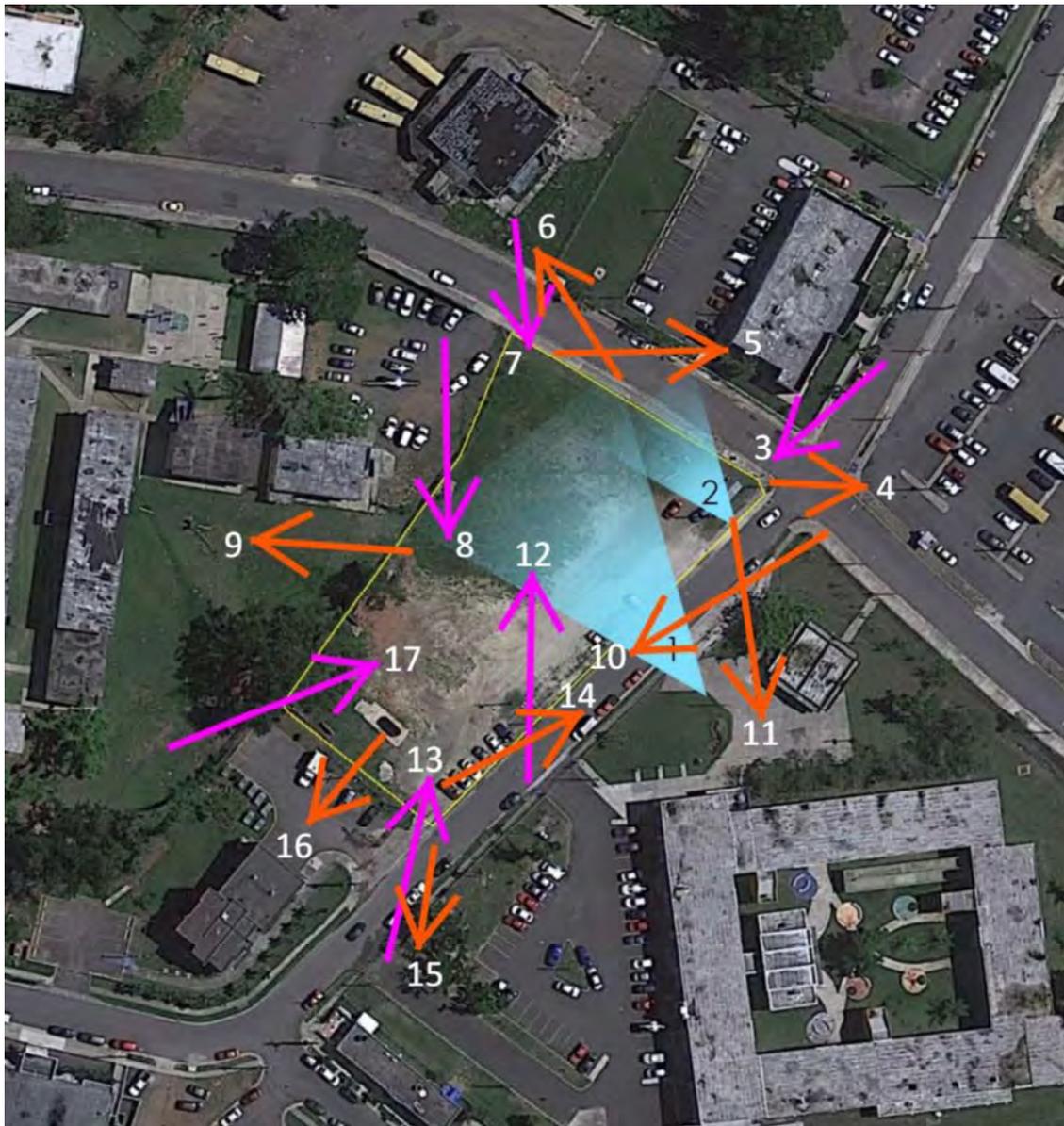


Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870

Photograph Key



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM
CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination



Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 1:

Description (include direction): View of the site to the northwest.

Date: 06/15/2023



Photo # 2:

Description (include direction): View of storm water system on site.

Date: 06/15/2023

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 3:

Description (include direction): View of the site from Mario Medina Street, view to the southwest.

Date: 03/18/2024



Photo # 4:

Description (include direction): View from the site to Mario Medina Street and Monseñor J. Torres Street, view to the east.

Date: 03/18/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM
CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination



Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 5:

Description (include direction): View from the site to Mario Medina Street, view to the east.

Date: 03/18/2024



Photo # 6:

Description (include direction): View from the site to Mario Medina Street, view to the northwest.

Date: 03/18/2024

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 7:

Description (include direction): View of the site to Mario Medina Street, view to the south.

Date: 03/18/2024



Photo # 8:

Description (include direction): View of the site, view to the south.

Date: 03/18/2024

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 9:

Description (include direction): View from the site, view to the west.

Date: 03/18/2024



Photo # 10:

Description (include direction): View of the site from Monseñor J. Torres Street, view to the southwest.

Date: 03/18/2024

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 11:

Description (include direction): View from the site to Monseñor J. Torres Street, view to the south.

Date: 03/18/2024



Photo # 12:

Description (include direction): View of the site from Monseñor J. Torres Street, view to the north.

Date: 03/18/2024

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 13:

Description (include direction): View of the site from Monseñor J. Torres Street, view to the northeast.

Date: 03/18/2024



Photo # 14:

Description (include direction): View from the site to Monseñor J. Torres Street, view to the northeast.

Date: 03/18/2024

Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 15:

Description (include direction): View from the site to Monseñor J. Torres Street, view to the south.

Date: 03/18/2024



Photo # 16:

Description (include direction): View from the site to southwest property, view to the southwest.

Date: 03/18/2024

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)

Section 106 NHPA Effect Determination



Subrecipient: Municipio de Moca

Project Name: Estacionamiento y Plazoleta de Actividades

Project ID: PR-CRP-000870



Photo # 17:

Description (include direction): View of the site to southwest property, view to the northeast.

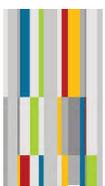
Date: 03/18/2024

#	Name
T1	Construction Documents 100%
C100	Code Review, LA and ARCH General Notes, Symbols & Abbreviations
SU100	Survey
CI100	Plazoleta Site Plan
CI101	Plazoleta Demolition Plan
CI102	Setback and Erosion Control Plan
CI200	Geometry Plan
CI201	Stab Joins
CI300	Plazoleta Site Grading
CI400	Storm Sewer Chamber Plan
CI401	Basin Areas
CI402	Storm Sewer Profiles
CI403	Storm Sewer Details
CI500	Sanitary Sewer Plan
CI600	Water Distribution Plan
LA100	Site Plan
LA101	Enlarged Site Plan
LA102	Enlarged Site Plan
LA104	Parking Slab Dimensions
LA105	Site Plan Floor Pattern
LA106	Site Plan Parking Dimensions
LA200	Existing + Proposed Sections
LA300	General Hardscape Details
LA301	Furnishing Details
LA400	Tree Plan
LA401	Shrub and Grasses Plan
LA402	Shrub and Grasses Enlarged Plans
LA500	Lighting Plan
A101	Bathroom Floor Plan + Roof Plan + Reticulated Ceiling
A102	Platform Enlarged Floor Plan + Roof Plan + Reticulated Ceiling
A200	Bathroom Sections
A201	Platform Sections
A301	Bathroom Elevations
A302	Platform Elevations
A400	Women's Bathroom Enlarged Floor Plan + Elevations
A401	Men's Bathroom Enlarged Floor Plan + Elevations
A500	Schedule and Legend
S200	Sections & Details
S100	Bathroom Plans
S101	Platform Plans
S200	Sections & Details
SH1	General Notes & Typical Details
ES100	Electrical Site Plan - Existing Condition
ES200	Electrical Site Plan - Proposed Condition
ES300	Legend, Notes & One Line Diagram
ES301	Electrical Details
E100	Proposed Electrical Plan
E101	Bathroom Floor Plan + Roof Plan + Reticulated Ceiling
E200	Legend, Notes + Schedules
ME100	Bathroom Floor & Roof Plan, Ventilation Layout
M200	Details, Schedules, Notes, Legend & Abbreviations
P100	Roof & Roof Plan, Plumbing Layout
P101	Site Plan, Water Distribution Layout
P102	Platform Roof, Plumbing Plan
P200	Details
P300	Schedules, General Notes, Legend & Abbreviations

Construction Documents 100%

PR-CRP-000870 Estacionamiento y Plazoleta de Actividades

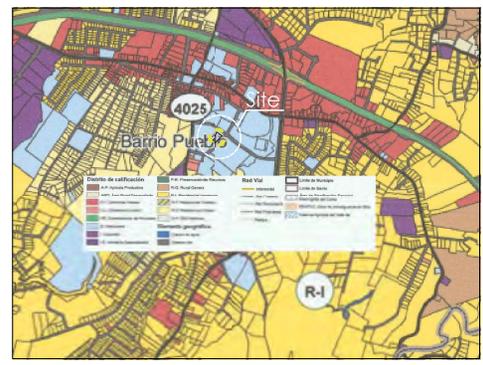
Calle Monseñor J. Torres esquina Calle Valentín Pérez, Moca PR 00676
Municipality of Moca



Location Map: 18.392134°, -67.112005°



Roof Map: 18.392134°, -67.112005°



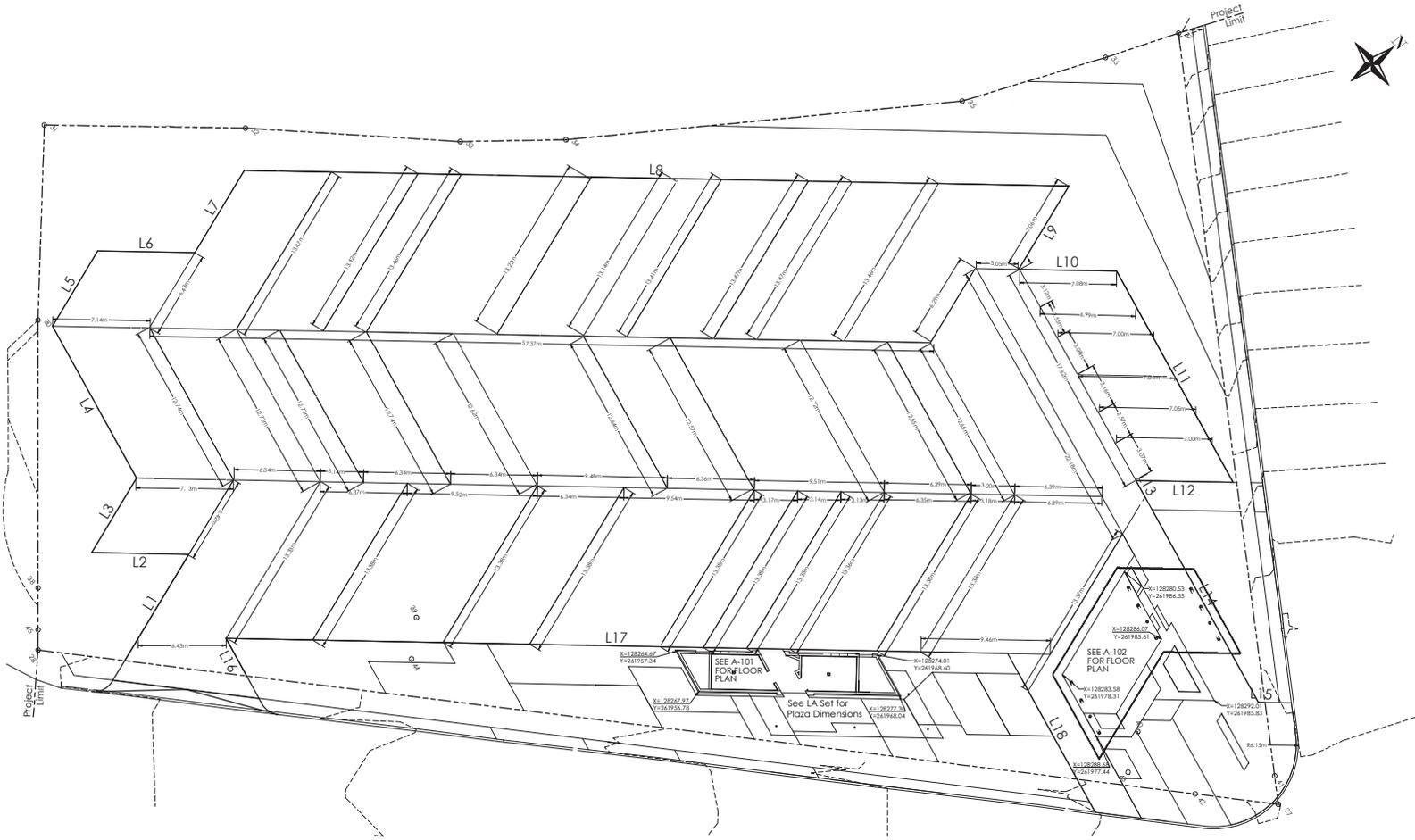
Zoning Map: 18.392134°, -67.112005°

PR-CRP-000870 Estacionamiento y Plazoleta de Actividades
Calle Monseñor J. Torres esquina Calle Valentín Pérez, Moca PR 00676
Municipality of Moca

ADVANCE DRAWINGS FOR INFORMATION AND DISCUSSION PURPOSES ONLY.
NOT FOR CONSTRUCTION.

ECo
LANDSCAPE ARCHITECTURE & ENGINEERING

Date: 10.03.2023



1 Geometry Plan
1:200

Line	Point Index	Station	Easting	Northing	Elevation	2D Length	Grade Back	Grade Ahead	Deflection Angle
1	0.00	128.240.03	261.925.30	28.95	0.00	0.00	0.88%	0.00%	0° 0' 0.00"
1	2	9.08	128.236.87	261.933.82	29.03	9.08	-0.88%	-1.97%	240° 0' 0.02"
2	3	16.19	128.232.34	261.928.35	28.89	7.11	1.97%	0.40%	119° 59' 46.240"
3	4	22.54	128.230.13	261.934.30	28.98	6.35	-1.42%	-0.37%	300° 0' 16.042"
4	5	35.24	128.217.61	261.936.43	28.93	12.70	0.39%	0.40%	59° 49' 27.080"
5	6	41.65	128.215.36	261.942.44	28.96	6.41	-0.40%	2.88%	60° 10' 20.618"
6	7	48.75	128.219.90	261.947.91	29.16	7.11	-2.88%	1.97%	300° 0' 0.003"
7	8	55.78	128.217.45	261.954.50	29.30	7.03	-1.97%	1.82%	60° 0' 1.487"
8	9	116.11	128.255.95	262.000.94	30.40	60.32	-1.82%	-1.43%	120° 0' 3.834"
9	10	123.21	128.258.42	261.994.29	30.30	7.10	1.43%	1.42%	239° 59' 54.696"
10	11	130.37	128.262.99	261.999.80	30.40	7.16	-1.42%	-1.99%	60° 0' 21.905"
11	12	148.00	128.280.37	261.996.84	30.05	17.63	1.99%	-1.40%	119° 59' 30.063"
12	13	155.10	128.275.84	261.991.37	29.95	7.10	1.40%	-0.73%	239° 59' 39.859"
13	14	156.48	128.277.20	261.991.14	29.94	1.37	0.73%	-0.35%	0° 0' 0.000"
14	15	173.62	128.294.10	261.988.27	29.88	17.15	0.35%	0.00%	300° 0' 0.143"
15	16	174.12	128.294.42	261.988.65	29.88	0.50	0.00%	0.00%	0° 0' 0.000"

2 Parking Lot Geometry Table

Line	Point Index	Station	Easting	Northing	Elevation	2D Length	Grade Back	Grade Ahead	Deflection Angle
1	0.00	128.244.45	261.931.59	28.83	0.00	0.00	0.00%	0.00%	0° 0' 0.000"
2	3	60.32	128.279.87	261.976.15	29.89	57.19	-1.49%	-0.23%	59° 59' 59.462"
3	4	73.58	128.292.95	261.973.93	29.86	13.27	0.23%	0.00%	0° 0' 0.000"

3 Plaza Perimeter Geometry Table

PUNTO	LINEA	(Y) NORTE	(X) ESTE	DISTANCIA	RUMBO	DESCRIPCION
45	---	261821.7648	128234.3093	---	---	SERVIDUMBRE LUMA
38	45-38	261923.0701	128231.9183	3.067	N 30° 56' 4" W	SERVIDUMBRE LUMA
39	38-39	261943.9690	128230.9639	27.760	N 43° 50' 4" E	SERVIDUMBRE LUMA
40	39-40	261980.0356	128229.2958	35.431	N 47° 52' 42" E	SERVIDUMBRE LUMA
41	40-41	261985.8528	128229.0278	10.509	N 89° 29' 56" E	SERVIDUMBRE LUMA
27	41-27	261984.7667	128200.8527	2.958	S 89° 29' 56" E	A ESTABLECER
42	27-42	261985.4154	128200.4611	6.142	S 45° 58' 56" W	SERVIDUMBRE LUMA
43	42-43	261977.6265	128202.1682	8.151	S 66° 29' 56" W	SERVIDUMBRE LUMA
44	43-44	261944.8917	128203.0701	53.074	S 47° 52' 42" W	SERVIDUMBRE LUMA
45	44-45	261921.7648	128234.3093	27.453	S 43° 50' 4" W	SERVIDUMBRE LUMA

ÁREA = 276.5280 m² = 0 = 0.0704 cda.

4 LUMA Right of Way

DATOS DE MENSURA						
SITE 3						
PUNTO	LINEA	(Y) NORTE	(X) ESTE	DISTANCIA	RUMBO	DESCRIPCION
28	---	261920.8437	128230.4650	---	---	A ESTABLECER
30	28-30	261920.8790	128230.6980	24.195	N 51° 28' 54" W	TUBO DE VERJA
31	30-31	261946.1270	128230.7400	14.283	N 49° 24' 42" W	TUBO DE VERJA
32	31-32	261956.4650	128230.5000	14.703	N 89° 29' 20" E	TUBO DE VERJA
33	32-33	261968.1010	128230.4480	15.701	N 33° 04' 0" E	TUBO DE VERJA
34	33-34	261974.2980	128230.5670	7.742	N 37° 52' 30" E	TUBO DE VERJA
35	34-35	261988.2720	128230.2300	20.129	N 33° 04' 0" E	TUBO DE VERJA
36	35-36	262008.9130	128230.2740	10.999	N 21° 58' 59" E	TUBO DE VERJA
37	36-37	262014.1860	128232.2175	6.830	N 201° 14' 0" E	A ESTABLECER
27	37-27	261984.7667	128230.8527	56.846	S 89° 29' 56" E	A ESTABLECER
28	27-28	261920.8437	128230.4650	91.442	S 48° 38' 06" W	A ESTABLECER

ÁREA = 3888.8525 m² = 0 = 0.9994 cda.

5 Survey Data

ADVANCE DRAWINGS FOR INFORMATION AND DISCUSSION PURPOSES ONLY.
NOT FOR CONSTRUCTION.

General Notes

IMPORTANT INFORMATION FOR THE CONTRACTOR

Contractor shall verify all elevations, areas and coordinates on-site before commencing any work. Any discrepancies, errors or omissions in these plans shall be notified to the Architect, Landscape Architect or Engineer immediately and shall not be construed as an approval or endorsement by the Architect, Landscape Architect or Engineer. Do not take any measurements from the physical drawings.

All drawings, specifications and other documents are property of ECA and shall remain the sole and exclusive property of the Architect, Landscape Architect or Engineer unless otherwise indicated in writing.

ECA, the signing Architect, Landscape Architect or Engineer, and Civil Consultant shall be deemed the author(s) of these documents and shall retain all copyright and liability therefor. Nothing contained herein shall constitute an endorsement, approval or warranty by ECA for any work done by the contractor or any subcontractor of the Architect, Landscape Architect or Engineer.

Only use documents with a "SEA" COORDINATION SHEET and sealed and signed by the Engineer.

Señor Estudiante Carlos Hernandez del C.A. Escuela Nacional No.12, Caracas que hoy es profesional que diseño estas obras y las especificaciones complementarias. También certifica que entiendo que dichas obras y especificaciones cumplen con las disposiciones aplicables del reglamento corporativo y de las disposiciones aplicables de los reglamentos y códigos de las especies jurisdiccionales y códigos de las especies jurisdiccionales. Asimismo que cualquier modificación hecha a la autorización de los hechos que se haya producido en consecuencia a lo que reglamento se las por mí, mis colegas o empleados, o por otros personas con mi consentimiento, soy responsable de cualquier acción judicial y disciplinaria por su COPE y otros organismos competentes, incluyendo, pero no limitado a la terminación de la participación en los procedimientos de certificación profesional en la COPE.

No. Description Date

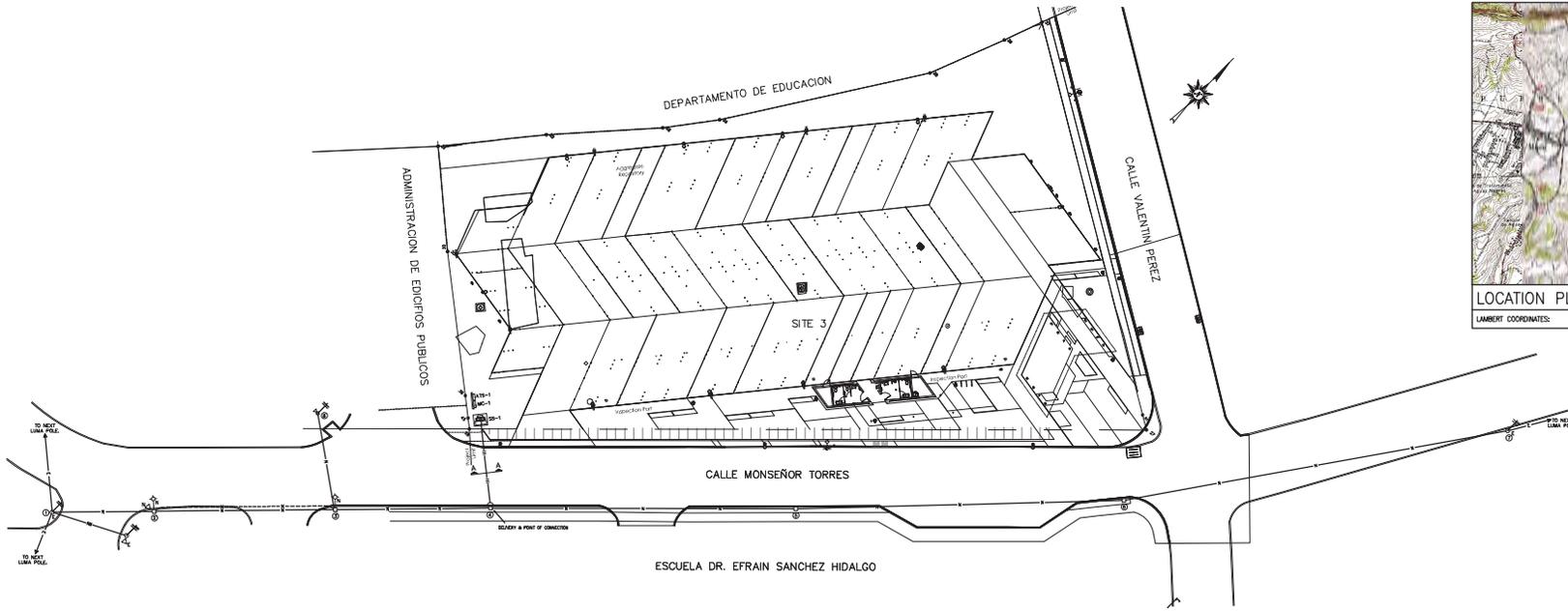
ECo
LANDSCAPE ARCHITECTURE & ENGINEERING

103 Calle Isabel Andrea Aguilera, 4to Piso, San Juan, PR 00918
787-744-5610 eco-designstudio.com

Geometry Plan
PR-CEP-000870-Estacionamiento y Plazaleta de Actividades
Calle Monsenor J. Torres esquina Calle Valentin Perez, Moca PR 00026 Municipio de Moca

FILE NAME: CI-200-000870-Estacionamiento y Plazaleta de Actividades.dwg
Date: 3.19.2023 Scale: 1:150
Sheet: _____
Project #: 2023.02
Drawn by: JFV
Checked by: ECA

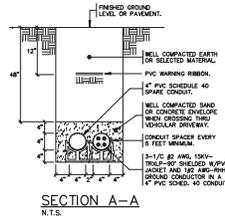
CI-200



Electrical Site Plan - Proposed Condition
Scale: 1:300

POLE SCHEDULE:

NO.	TYPE	LUMA STANDARD
1	EXISTING	EXISTING TO REMAIN.
2	50FT. H6	M16-3.4, M2-1, CP-C1
3	50FT. H6	M16-3.4, M2-1, (2)CP-C5, CP-10
4	50FT. H6	M16-3.4, M2-1, CP-C1, URD-3A,4,5
5	50FT. H6	M16-3.4, M2-1, CP-C1
6	50FT. H6	M16-3.4, M2-1, (2)CP-C5, K-5
7	EXISTING	ADD (2)CP-C5
8	EXISTING	EXISTING TO REMAIN.



LEGEND:

- NEW UTILITY POLE, SEE POLE SCHEDULE.
- N- NEW LUMA'S AERIAL CIRCUIT CONSISTING OF 39-4#-#3/0 ACSR-4.16KV.
- ⊠ NEW PAD MOUNTED TRANSFORMER, REFER TO ONE LINE DIAGRAM.
- III --- NEW UNDERGROUND SERVICE ENTRANCE FEEDER 3-1/2" Ø 2" AWG TRIPLE 30°C, 12KV-SHEILED & PVC JACKETED, COPPER & 1#2 AWG RHM-2 450V NEUTRAL CONDUCTOR IN 4" PVC SCHEDULE 40 & 1-4" PVC SCHEDULE 40 SPARE.
- N --- NEW 120/240V-1Ø-3W #4 CU, RIPLEX AERIAL CIRCUIT.
- N₁- NEW STREET LIGHTING LUMINAIRE, LED, LUMA APPROVED TYPE.
- △ POLE TYPE DISTRIBUTION TRANSFORMER 25KVA 4.16KV TO 120/240V-1Ø, LOW LOSSES CHARACTERISTICS, COORDINATE WITH LUMA.

SPECIAL NOTES:

- MCCA'S MUNICIPALITY GOVERNMENT SHALL RELOCATE ALL SECURITY CAMERAS SYSTEM TO NEW LUMA'S POLES.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE AREA'S TELECOMMUNICATIONS PROVIDERS THAT IS CURRENTLY INSTALLED ALONG EXISTING UTILITY POLES THAT SHALL BE REMOVED.



Digitally signed by Carlos Juan Requena Durán
DN: cn=Carlos Juan Requena Durán, email=crequena@boosign.com, Date: 2023.10.12 15:56:48 +05'00'



Digitally signed by Juan Roberto Rivera
DN: cn=Juan Roberto Rivera, email=jrivera@boosign.com, Date: 2023.10.12 15:56:48 +05'00'

OGP# 2023-006418-GRF-074647

LUMA'S REVISIONS

No.	DESCRIPTION	DATE:
1		
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DESIGNER'S CERTIFICATION

I certify that I am a licensed and registered engineer, architect or architect in compliance with Act 173 of 2018, as amended and authorized by the project in kind herein to submit these construction plans to the Municipality of Moca for review and approval of the Transmission and Distribution System of the Puerto Rico Electric Power Authority.

I am in compliance with Act No. 192 of July 15, 1987, as amended known as the "Construction Plans of Projects Certification Act," which has amended the electric design for the project in accordance with the codes, Standards, Laws, and regulatory approvals by LUMA, Puerto Rico Planning Board and Puerto Management Office and the Puerto Professional Practice Manual.

DESIGNER'S SIGNATURE: _____

LUMA ENDORSEMENT

PROJECT NAME: ESTACIONAMIENTO Y PLAZOLETA, MOCA

PROJECT NUMBER: 23-0441

LOADING: 75 REVISION: _____

ENDORSED BY: _____

1. LUMA Endorsement: The electric design shown in these construction plans based on the certification presented by the designer in compliance with Act 192 of July 15, 1987, as amended.

2. LUMA does not assume responsibility over the certified design. LUMA's endorsement does not release the designer from professional responsibility associated with certification of these project's plans. This endorsement releases neither the builder nor private inspector from compliance with existing regulations from National Electric Safety Code, Construction standards, codes, and regulations from LUMA and other government agencies as well as federal and state laws being in the State construction regime.

3. This endorsement is valid for one (1) year. If a project work has begun during the year, with your notification to LUMA, the endorsement will still be valid until work's completion. In case there is no certified electrical work during the period, the endorsement will be voided. This endorsement is not to be combined and assessed to be complete the Assignment, Timeline and Guarantee process of the equipment. For this, it is necessary to comply with all conditions of the Assignment Timeline for the Electric Power Authority (EPA) at 2023.

General Notes

IMPORTANT INFORMATION FOR THE CONTRACTOR

Contractor shall verify all dimensions, levels and conditions on-site before commencing any and all work. Any discrepancies, errors or omissions in these plans shall be referred to the architect/landscape architect or engineer who draws and signs these drawings or not become responsible for discrepancies on-site.

Do not take any measurements from the physical drawings.

All drawings, specifications and other documents on security EICG and/or using for the construction of the project shall be reviewed by the Architect, Landscape Architect or Engineer as indicated by the project.

The stamp Architect, Landscape Architect or Engineer on these documents shall be reviewed by the contractor, the contractor shall verify the accuracy of the drawings and shall verify the accuracy of the drawings only on the day when the access shall be granted to the Architect, Landscape Architect or Engineer.

Only use documents with a "FOR CONSTRUCTION ONLY" stamp and sealed and signed by the engineer.



LOCATION PLAN
LAMBERT COORDINATES: Y=261966.675 X=128252.673
SCALE: 1:20,000

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103 Malden Avenue, Aguilar St. 4th Floor, San Juan, PR 00919
903.764.0111 | info@ecolandscapeng.com

Electrical Site Plan - Proposed Condition

PR-CRP-000870 Moca Parking and Plaza

Municipality of Moca

Scale: 1:300

Project # 2023.02

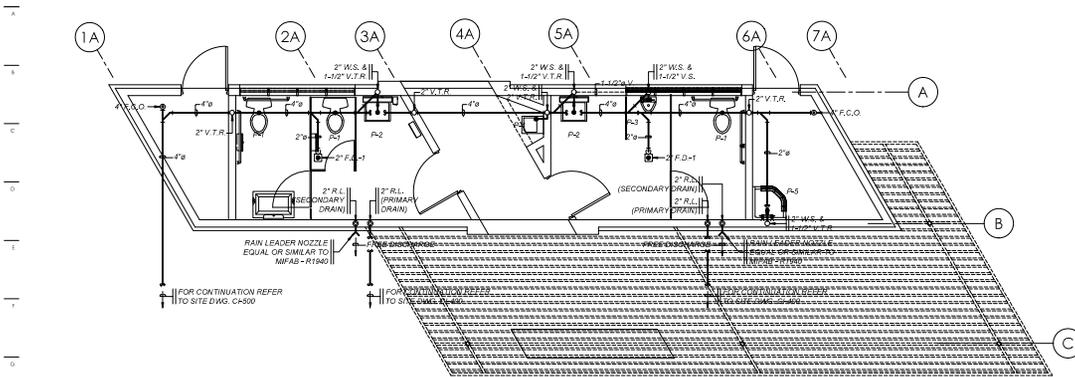
Drawn by: AUTHOR

Checked by: ERCI

ES200

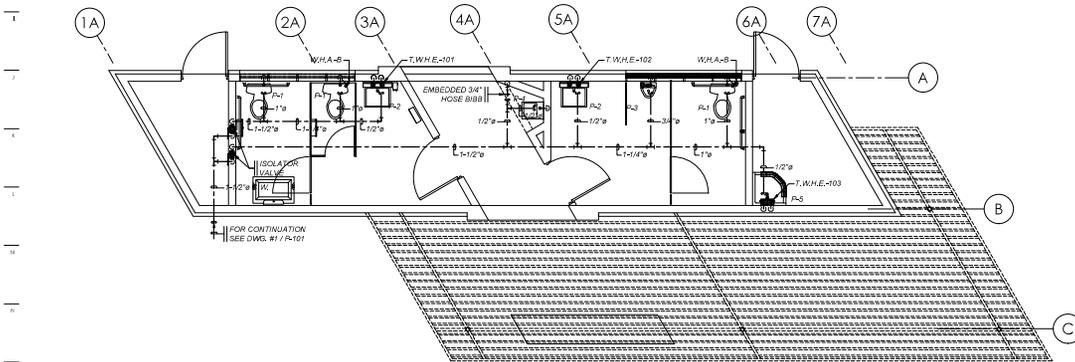
9/04/2023

Sheet



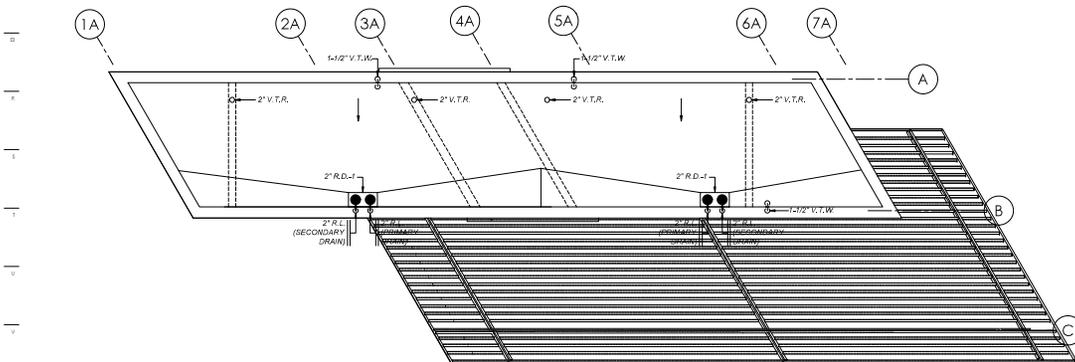
1 BATHROOM FLOOR PLAN, SANITARY LAYOUT

R-100 SCALE: 1/4" = 1'-0"



2 BATHROOM FLOOR PLAN, WATER DISTRIBUTION LAYOUT

R-100 SCALE: 1/4" = 1'-0"



3 BATHROOM ROOF PLAN, PLUMBING LAYOUT

R-100 SCALE: 1/4" = 1'-0"

NOTE:
CONTRACTOR CAN PROVIDE AN EQUAL
TO ANY MANUFACTURER AND MODEL
SPECIFIED WITHIN THIS DRAWINGS.

Yo, Jose A. Sanchez Guadalupe, ingeniero mecanico, licencia 16502, certifico que soy el profesional que diseño la fase mecanica en estos planos y las especificaciones como se detallan. Tambien, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Codigos de Construcción Vigentes de las Agencias, Juntas Reguladoras o Corporaciones Publicas con Jurisdiccion, Certifico, ademas, que en la preparacion de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Num. 14-2004, segun enmendada, conocida como la "Ley para la Inversion por la Industria Plasticoquimica" y con la Ley Num. 219 de 15 de mayo de 1938, segun enmendada, Ley Num 96 de 6 de julio de 1978, segun enmendada, segun aplique. Reconozco que cualquier declaracion falsa o falsificacion de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi consentimiento, me hacen responsable de cualquier accion judicial y disciplinaria por la CGPE.

No. Name: _____
Date: 05.12.2023 Scale: _____
Sheet: _____

Project # 2023.02
Drawn by J.A.S.
Checked by J.A.S.

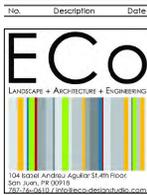
General Notes

IMPORTANT INFORMATION FOR THE CONTRACTOR

Contractor shall verify dimensions and location of all existing work before commencing any work. Any discrepancy, error or omission shall be reported to the Architect, Landscape Architect or Engineer immediately and shall be approved in writing by the Architect, Landscape Architect or Engineer before proceeding with the work. Do not take any measurements from the printed drawings.

All drawings, specifications and other documents are property of the Architect, Landscape Architect or Engineer and shall remain their property. The Contractor shall be responsible for the return of these documents and shall retain all copyright and liability thereon. No part of these drawings may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of the Architect, Landscape Architect or Engineer.

All work shall conform with the "MOR CONTRACTING" standards and shall be subject to the designer's approval.



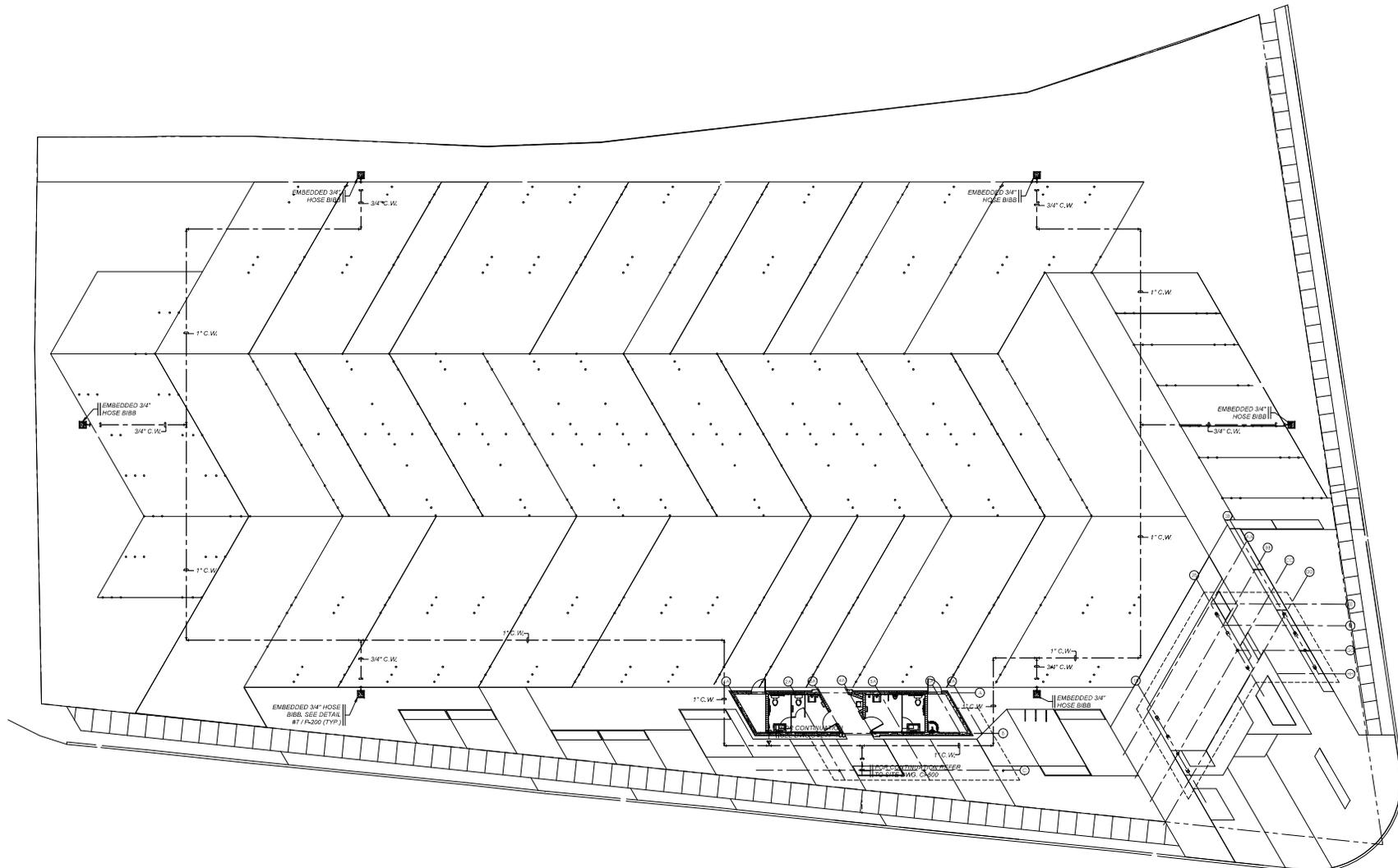
FLOOR & ROOF PLAN, PLUMBING LAYOUT

PR-CRP-000870 ESTACIONAMIENTO Y PLAZOLETA DE ACTIVIDADES

Calle Monserrator J. Torres Espinoza Calle Valentin Perez, Moca, PR 00676
Municipality of Moca



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General Notes

IMPORTANT INFORMATION FOR THE CONTRACTOR

Contractor shall verify Elevation & Accurateness of data before commencing any work. Any discrepancy, error or omission in these Plans shall be notified to the Architect, Landscape Architect or Engineer and errors and omissions shall remain the responsibility of the Architect, Landscape Architect or Engineer. Do not take any measurements from the printed drawings.

All drawings, specifications and other documents are property of JAS CONSULTING P.S.C. No part or members of the Architect, Landscape Architect or Engineer shall be reproduced for the project.

Only the issuing Architect, Landscape Architect or Engineer and JAS CONSULTING shall be deemed the author of these documents and shall retain all copyright and liability thereon. No other person shall be deemed to be an author of these documents and drawings and shall be deemed to be a contractor of the Architect, Landscape Architect or Engineer.

All use documents with a "NOT CONTROLLED" stamp and shall not be agreed to by the designer.



SITE PLAN, WATER DISTRIBUTION LAYOUT

PR-CRP-000870 ESTACIONAMIENTO Y PLAZOLETA DE ACTIVIDADES

Calle Monserrate J. Torres Espino Calle Valerín Pérez, Moca, PR 00876
 Municipality of Moca

NOTE:
 CONTRACTOR CAN PROVIDE AN EQUAL TO ANY MANUFACTURER AND MODEL SPECIFIED WITHIN THIS DRAWINGS.

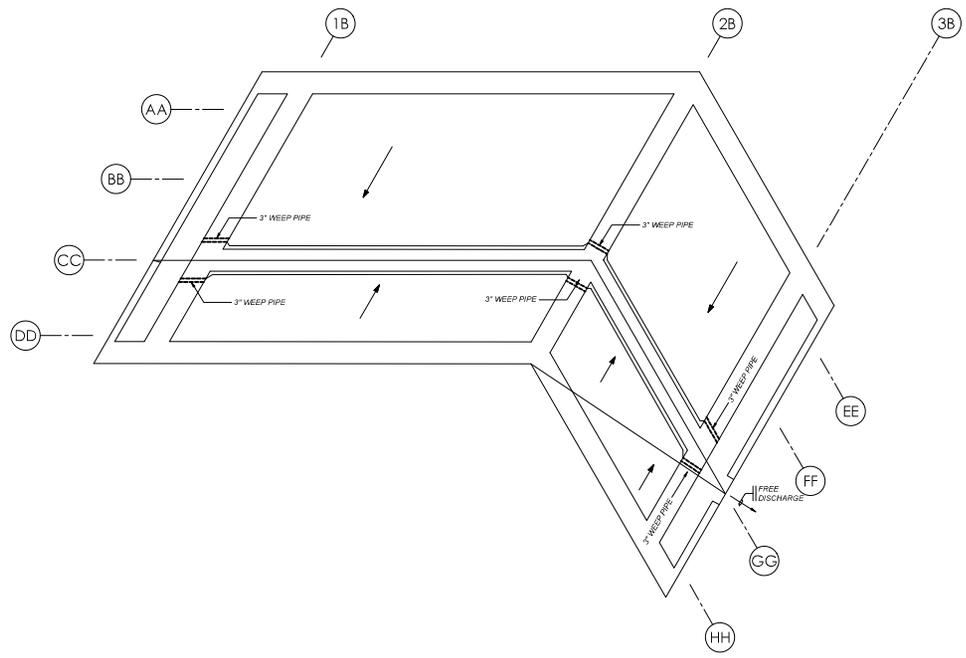
Yo, Jose A. Sanchez Guadalupe, ingeniero mecánico, licencia 16502, certifico que soy el profesional que diseñó la base mecánica en estos planos y las especificaciones correspondientes. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reguladoras o Corporaciones Públicas con Jurisdicción, Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Num. 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la Ley Num. 219 de 15 de mayo de 1936, según enmendada, Ley Num 96 de 6 de julio de 1978, según enmendada, según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi consentimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGP.



SITE PLAN, WATER DISTRIBUTION LAYOUT
 R-101 SCALE: 3/32" = 1'-0"

No. Name:	Scale:
Date: 05.12.2023	Sheet: P-101
Project #: 2023.02	Drawn by: J.A.S.
Checked by: J.A.S.	

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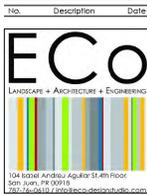
General Notes

IMPORTANT INFORMATION FOR THE CONTRACTOR

Contractor shall verify dimensions, levels, elevations, etc. before commencing any work. Any discrepancies shall be reported to the Architect immediately. Do not take any measurements from the printed drawings.

All drawings, specifications and other documents are subject to change without notice. The contractor shall be responsible for the accuracy of the information provided. It is the contractor's responsibility to verify the accuracy of the information provided. The contractor shall be responsible for the accuracy of the information provided.

It is the contractor's responsibility to verify the accuracy of the information provided. The contractor shall be responsible for the accuracy of the information provided.



PLATFORM ROOF, PLUMBING PLAN

PR-CRP-000870 ESTACIONAMIENTO Y PLAZOLETA DE ACTIVIDADES

Calle Montañón J. Torres Espino Calle Valerín Pérez, Maoca, PR 00676
 Municipality of Maoca



NOTE:
 CONTRACTOR CAN PROVIDE AN EQUAL TO ANY MANUFACTURER AND MODEL SPECIFIED WITHIN THIS DRAWINGS.

Yo, Jose A. Sanchez Guadalupe, ingeniero mecánico, licencia 19503, certifico que soy el profesional que diseñó la fase mecánica en estos planos y las especificaciones correspondientes. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reguladoras o Corporaciones Públicas con Jurisdicción, Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Num. 142004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la Ley Num. 219 de 15 de mayo de 1936, según enmendada, Ley Núm 96 de 6 de julio de 1978, según enmendada, según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi consentimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la G.O.P.

File Name: _____
 Date: 05.12.2023 Scale: _____
 Sheet: _____
P-102
 Project #: 2023.02
 Drawn by: J.A.S.
 Checked by: J.A.S.

PLATFORM ROOF, PLUMBING PLAN
 R-102 SCALE: 1/4" = 1'-0"

