

U.S. Department of Housing and Urban Development 451 Seventh Street, SW Washington, DC 20410 www.hud.gov

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

Project Information

Project Name: MEJORAS A LA INFRAESTRUCTURA DE LA URBANIZACIÓN MAYAGÜEZ TERRACE (PR-CRP-000855)

Responsible Entity: Puerto Rico Department of Housing

Grant Recipient (if different from Responsible Entity): Municipal Government of Mayagüez

State/Local Identifier: Puerto Rico

Preparer: Bienvenido Pichardo/3mg Engineers & Architects / Sol V Rosa Ramos-Tetra Tech

Certifying Officer Name and Title:

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Direct Comments to: <u>Puerto Rico Department of Housing (environmentcdbg@vivienda.pr.gov)</u>

Project Location: Urb. Mayaguez Terrace, Mayagüez, PR 00682; Central Coordinates 18.215681, -67.148371. See Exhibit 1.

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

The Municipality of Mayagüez proposes the revitalization of Mayagüez Terrace Urban Sector that is among the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is a 128 acres (0.2 sq km) urban area with approximately 560 residential properties and 12 streets. Additionally, it is a sector with a high level of commercial and recreational activities for local communities.

The funds requested are for the reconstruction of sidewalks and ramps for the disabled in compliance with the ADA, reparation and repaving of street surfaces, construction of areas to locate containers for solid waste, replacement of street lighting, installation of traffic control street signs, improving of recreational areas (basketball court and soccer field), improving of stormwater management systems, improving of the condition and architecture of the urbanization main entrance, construction of Police Out Post. The approximate dimensions for the project are about 14,879 linear ft (4,535 linear meters) in length of streets, 2.84 acres (11,500 sq m) of total area of the basketball court and soccer field, roads are approximately 24 feet in width length, sidewalks are approximately 3 feet in width length.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

This project aims to improve the lives of residents, property owners and better the experience of visitors by updating the infrastructure. To address these situations, the Municipal Administration are interested in carry out the following improvements will enhance the safety of local drivers and pedestrians, and will promote social, commercial, and residential activity to meet the existing demand of services. Additionally, this project seeks to provide potential flood reduction for high-risk flood areas to support community resilience to future storms. Failure to execute the project would keep the neighborhood at a greater risk for future natural disasters. Coherent with the general objectives of the City Revitalization Program, it will address unsatisfied needs as a result of Hurricanes Irma and María and carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

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

In evaluations carried out by the Municipality personnel, requests from residents of this sector and conversations with the University of Puerto Rico, Mayagüez Campus (UPRM), the Municipality has identified some of the main problems in this community. Currently, the streets of the Mayagüez Terrace Development are needed of repairs. The road surface is unleveled at various places. There is a larger number of patches along the traffic road. In several different places, many sidewalks are deteriorated due to normal wear and tear and exposure to environmental elements. Without the project, the road would continue to experience deterioration and safety issues due to lack of adequate lighting, flooding, and the deteriorated road.

The streets and public spaces of the Mayagüez Terrace Development, including its park areas, are facing challenges that compromise the safety and security of residents and visitors. The deterioration of infrastructure, including uneven pavement, potholes, and crumbling sidewalks, presents physical hazards to pedestrians and drivers alike. The lack of adequate lighting in and around the park area exacerbates these risks, particularly at night, making it a less secure

environment for community activities. This situation not only discourages the use of these spaces for recreational and social purposes but also poses a risk of accidents and injuries.

Moreover, the park's current condition has potentially contributed to a reduced presence of residents and visitors after dark, which can lead to an increased perception of insecurity, deterring community engagement and usage of the park for leisure and recreation. The absence of well-maintained and clearly marked pedestrian pathways further complicates safe access to and within the park, especially for individuals with disabilities or those who require safe, navigable routes to participate fully in community life.

Addressing these issues is crucial for revitalizing the park area to ensure it serves as a safe, welcoming, and integral part of the Mayagüez Terrace community. Proposed improvements under the project aim to address these safety and security concerns directly by rehabilitating infrastructure, enhancing lighting, and improving overall accessibility. These measures are expected not only to reduce the risk of accidents and injuries but also to restore the park as a vibrant center for community activities, thereby fostering a sense of safety, inclusion, and well-being among residents and visitors.

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001		
B-18-DP-72-0001		¢11 020 162 220
B-19-DP-78-0002	CDBG-DR	\$11,938,162,230
B-18-DE-72-0001		

Estimated Total HUD Funded Amount: \$3,481,453.70

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$3,481,453.70

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

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

Compliance Factors : Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		

Airport Hazards 24 CFR Part 51 Subpart D	Yes No	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 13,253 feet south from the civilian Eugenio María de Hostos Regional Airport and 399,432 feet southwest from the military airport collocated within the Luis Munoz Marín International Airport. The project is in compliance with Airport Hazards requirements. See Exhibit 2 Airports Map.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No	The project site is not located on a designated Coastal Barrier Resource System unit. The project is located 5,280 feet northeast from the nearest CBRS system. Thus, the project has no potential impact on CBRS Unit, and it is in compliance with the Coastal Barriers Resources Act. See Exhibit 3 for CBRZ map.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No	The Project site is not in the 100-year Special Flood Hazard Area (SFHA), as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) per Floodplain Insurance Maps 72000C0985J, effective date November 18, 2009. Although flood insurance is recommended, it is not required. All areas within the Commonwealth of Puerto Rico are eligible for NFIP policies. Flood Insurance is required when a project involves repairs, rehabilitation, or construction of an insurable structure in the 100-year floodplain. The structures are only insurable on the project site. The topic complies with the regulation. See Exhibit 4 for FIRMette.

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No	The proposed project is located in the municipality of Mayagüez and according to the EPA's Green Book (Current Nonattainment Counties for All Criteria Pollutants), the project site is not located in a non-attainment area. This project is in compliance with the Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93. Refer to Exhibit 5 & 5A Air

		Quality/Puerto Rico Nonattainment/Maintenance Status Map & Maintenance Status.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No	The project site is located within the Coastal Zone Land Boundary. A JP-833 Coastal Consistency Application was submitted to the Puerto Rico Planning Board (PRPB)on February 29, 2024. The Puerto Rico Planning Board concurred with the proposed project on December 6, 2024, conditioned that the applicant submits to the PRPB within ninety (90) days before the construction phase of the project the evidence of compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by the PR Permit Management Office (OGPe). Therefore, the project is in compliance this topic. Refer to Exhibit 6 Coastal Zone Map and 6A for JP-833 Federal Consistency Certification with the Puerto Rico Coastal Management Program (PRCZMP).
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No	HUD policy requires the project site and adjacent areas to be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances where a hazard could affect health and safety of occupants of the property or conflict with intended use of the property. A review of U.S. Environmental Protection Agency (EPA) databases, including Resource Conservation and Recovery Act Information (RCRAInfo), air pollution data (ICIS-AIR), National Pollutant Discharge Elimination System (NPDES), Toxics Release Inventory (TRI), Superfund Enterprise Management System, Brownfields Assessment, Cleanup and Redevelopment Exchange System, and Toxic Substances Control Act was undertaken to determine if any sites of concern were located within an approximate 3,000-foot radius of the project site. A review of EPA's NEPAssist tool showed there are several facilities in the area that are relevant to these EPA databases. According to this information, the project site is not listed in this database. Given the nature of the proposed project, which involves infrastructure improvements in Mayagüez Terrace Urban Sector, including street reconstruction, ADA- compliant sidewalk and ramp construction, street

lighting enhancements, and stormwater system improvements, the activities do not add sensitive receptors or increase density that might amplify the impact of nearby hazardous sites. Since the urbanization is primarily occupied by the student population of the University of Mayagüez and involves no new residential construction, there are no new occupants from the project that would be directly affected by potential contamination from nearby sites.
Within a 3,000-feet radius of the project site, there 26 regulated RCRA, ICIS-Air, TRI and/or NPDES facilities. See Toxic and Contamination Substances Map in Exhibit 7 and Detailed Facilities Reports in Exhibits 7A to 7U2. Twenty- five of these sites have no violations reported within the past five years, including facilities such as the PREPA Mayaguez Gas Turbines Power Plant, and Western Petroleum Enterprises Inc. Though, Federación Asociaciones Pecuarias de PR has reported non-compliance for failure to submit the quarterly Discharge Monitoring Report from the 3 rd Quarter 2021 to the 4 th Quarter 2023. An initial visual field inspection was conducted on October 11, 2024, and it was not identified relevant regulatory risks. See to Exhibit 7V for inspection report.
HUD issued Notice CPD-23-103 on January 11, 2024, regarding Departmental Policy for Addressing Radon in the Environmental Review Process. The Notice intends to clarify that radon must be considered in the Environmental Review analysis for all HUD funded projects. As part of the evaluation for this determination, PRDOH sent information requests to six (6) local agencies at the state and federal levels. They 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. There would be no increase in risk associated with the proposed project. Therefore, this topic complies with the regulation. See Exhibit 7W for Justification for the Infeasibility and Impracticability of Radon Testing.
Asbestos-Containing Materials (ACM) and Lead- based paint (LBP) assessments were conducted in the project site on November 26, 2024. Reports show no presence of ACM. However, LBP is

		 present in the site in selected components and surfaces throughout the project area, hence, abatement will be conducted to these elements. See Exhibit 7X for LBP Inspection Report & Exhibit 7Y for ACM Inspection Report. In conclusion, considering the current status of nearby EPA-tracked facilities and the nature of the proposed project, it is unlikely that the project will result in any adverse health or safety impact of occupants or conflict with the intended use of the subject property. The project is in compliance with Contamination and Toxic Substances requirements.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No	Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, it has been determined that the Mayagüez Terrace Urban Sector project will have no potential to affect species or habitats due to the nature of the activities involved. Specifically, the project's repair, improvement, reconstruction, and rehabilitation efforts will not change the size or capacity of existing facilities. 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. The nearest critical habitat is located about 33,150 ft away from the project site. Project is not likely to adversely affect species or habitats due to the nature of the activities involved in the project and qualifies under blanket clearance letter approved by USFWS on June 10, 2024. 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 and the July 27, 2023, Amended Programmatic Biological Opinion. The project is in compliance with the Endangered Species Act. Refer to Exhibit 8 and 8A for Critical Habitat Map and Endangered Species documentation.

Explosive and Flammable		
Hazards 24 CFR Part 51 Subpart C	Yes No	The proposed project for the Mayagüez Terrace Urban Sector does not include a hazardous facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage. Planned activities at the project area do not include the installation of storage tanks. The project will not introduce new residents, employees, or clients during the daytime hours who could be exposed to any explosive or flammable hazards. Examination of the aerial views and street views shows no ground storage tanks within the acceptable separation distance. Thus, the project is in compliance with explosive and flammable hazard requirements. Refer to Exhibit 9 for Explosive and Flammable Map.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No	The Project is located on farmland classified as Not Prime Farmland. The Mayagüez Terrace Urban Sector project does not include any activities that could convert agricultural land to non-agricultural use, such as new construction, acquisition of undeveloped land, or conversion of farmlands of statewide importance. The scope of the project includes improvements to infrastructure, such as the reconstruction of sidewalks and ramps to comply with ADA regulations, street improvements, construction of waste container areas, replacement of street lighting, installation of street signage, improvements to the stormwater systems, and enhancements to the university of Puerto Rico Mayagüez Campus. Examination of the project site and review of the relevant maps confirm that the project area does not impact prime farmland. The project is compliance with the Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658. Refer to Exhibit 10.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No	According to the FEMA Advisory Base Flood Elevation (ABFE) map, effective December 11, 2018, shown at <u>https://gis-r2-</u> <u>fema.hub.arcgis.com/pages/puertorico</u> , the project site is situated in combined floodplain zones, 0.22 acres located in a 100-year floodplain, flood zone AE, 1.12 acres located in a 500-year floodplain, flood zone Shaded X and 2.05 acres outside the floodplain.

		The project at the proposed site will not add additional impact to the floodplain and on the actual runoff water behavior during weather events. Best management practices will be employed during the design and construction activities. In order to preserve property, flood insurance will also be acquired and maintained in order to mitigate flood damage. The structures will be elevated at above the ABFE to save on flood insurance cost and to enhance the structures' ability to withstand floods.
		An 8-Step Decision-Making Process Analysis was conducted considering direct and indirect impacts associated with this project to comply with the floodplain management requirements of 24 CFR 55.20. The final Notice and Public Explanation was published in newspaper "El Nuevo Día" on January 27, 2024, and no comments were received.
		The project is in compliance with the Executive Order 11988. Refer to Exhibit 11 & 11A for ABFE Map and 8-Step Decision-Making Process Analysis with public notices and validation documents that no public comments were received.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No	On March 10 th , 2023, consultation was initiated with the State Historic Preservation Office (SHPO) submitting the Section 106 NHPA Effect Determination package with a letter indicating that the Department of Housing of Puerto Rico contracted Horne Federal LLC to provide environmental registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.
		In a letter dated March 29, 2023, Carlos A Rubio Cancela, State Historic Preservation Officer, supports the Program determination that implementation of the undertaking will have no historic properties affected within the project's area of potential effects. SHPO will be immediately notified upon discovery of other historic properties at any point at the site during the project implementation.
		The Project is in compliance with the National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800.

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		Refer to Exhibit 12 for the Effect Determination consultation package and SHPO determination.
Naiza Abatamant and Control		
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No	HUD guidance at 24 CFR Part 51 requires review of potential noise generators in the vicinity of a project site, including major roadways within 1,000 feet, railroads within 3,000 feet, and military or Federal Aviation Administration- regulated airfields within 15 miles. According to the HUD Noise Guidebook, the acceptable day/night noise level (DNL) is 65 decibels (dB). The purpose of this review is to ascertain the impacts of existing noise sources in the area on new residents or other sensitive receptors. The proposed action for the Mayagüez Terrace Urban Sector does not include an increase in residents, or introduction of other noise-sensitive uses. The project does not require further evaluation under HUD's noise regulation
		HUD's noise regulation. The noise that will be produced during construction is generated by the operation of construction equipment. All equipment and machinery will have noise dampers maintained in accordance with manufacturer's recommendations to control noise generation. Construction activities will be carried out during the day and have minimal impacts on the neighboring community. The noise levels attributable to construction activities will be temporary in nature and is not expected to exceed 65 dBA. The project does not require further evaluation under HUD's noise regulation. Therefore, the project complies with the regulation.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No	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. The project is in compliance with Sole Source
		Aquifer requirements. See Exhibit 13 for Sole Source Aquifers Map.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No	The National Wetlands Inventory (NWI) mapping shows no wetlands located within or adjacent to the project site that can be adversely affected. The nearest wetland point is about 120 ft. to the footprint.
		The project complies with Wetland Protection regulations. See Exhibit 14 for Wetlands Map.

Wild and Scenic Rivers Wild and Scenic Rivers Act of	Yes No	Puerto Rico has only three Wild and Scenic Rivers which are located in the east side of the Island, approximately 89 miles (469,920 ft) to the
1968, particularly section 7(b) and (c)		east of the Project site. The proposed project locates in the west side of Puerto Rico. For this reason, will not impact to Wild and Scenic Rivers. The project is in compliance with Wild and Scenic Rivers requirements.
		See Exhibit 15 for Wild and Scenic rivers Map.
ENVIRONMENTAL JUSTIC	E	
Environmental Justice	Yes No	On January 21, 2025, President Donald Trump issued the Executive Order 14173, titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

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

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELO	PMENT	

Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	Because the Project-related activities for the Mayagüez Terrace Urban Sector would occur within the existing urban infrastructure, no changes in zoning, easements, or land use are anticipated. The project involves improvements within the already established residential, recreational, commercial, institutional, and transit areas. Specifically, the activities include the reconstruction of sidewalks and ramps to comply with ADA regulations, street improvements, construction of waste container areas, replacement of street lighting, installation of street signage, and upgrades to stormwater systems. These enhancements are consistent with the current land use and zoning designations, ensuring that the project aligns with the community's existing urban design and scale. The revitalization efforts will improve the infrastructure without altering the fundamental land use patterns or requiring any modifications to zoning laws or easements. Therefore, the project is fully compatible with the local plans and urban design standards.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	1	The proposed improvements for the Mayagüez Terrace Urban Sector, detailed in the Geotechnical Engineering Report (see Exhibit 16), include reconstructing sidewalks and ramps to comply with ADA regulations, street improvements, constructing waste container areas, replacing street lighting, installing street signage, and upgrading stormwater systems. The geotechnical studies and boring studies conducted revealed that the subsoil conditions consist of old fills and in-situ soils with varying moisture content and compressive strength, which will require careful management during construction. Surface runoff and ponding would be controlled during construction with proper site grading and berm construction around exposed areas. A Stormwater Pollution Prevention Plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid surface runoff, contamination, ponding, and sedimentation of receiving waterways. The recommendations for excavation, grading, drainage, compaction, and sealing of utilities made in the geotechnical report would be followed to safeguard slope stability and ensure appropriate drainage and stormwater runoff. Additionally, stripping operations will remove old fills and part of the in-situ soils, and the exposed natural surface will be proof rolled with a 15-ton smooth wheel roller to detect the presence of additional soft or loose spots. Selected fill, classified as A-2- 6 or A-2-4 based on the AASHTO Soil Classification System, will replace the over-excavated material to ensure uniform settlement behavior and support for new structures.
Hazards and Nuisances including Site Safety and Noise	2	The project site for the Mayagüez Terrace Urban Sector is in an urbanized area. The project would involve demolition, excavation, site clearance, and construction, which inherently brings temporary site safety issues and noise typically

		associated with construction activities. Underground power lines and natural gas pipelines would be identified and marked, and any excavation near these pipelines would be conducted with appropriate Best Management Practices (BMPs). Excavation for the project is not expected to disturb these pipelines. The proposed project, once constructed, would not create any additional hazards or nuisances, nor would it create any new site safety or noise issues. No generators, propane tanks, underground storage tanks (USTs), or aboveground storage tanks (ASTs) would be installed on the site, either temporarily or permanently. During the implementation of the project, grading, paving, and revegetation activities may result in a temporary elevation of ambient noise levels in the immediate areas around active construction zones. Noise impacts would be addressed by conducting these activities in accordance with local noise regulations and ensuring proper maintenance of construction equipment. Standard BMPs, such as construction fencing, would be applied to protect the public from typical construction hazards. Additionally, BMPs and signage would be used to warn and protect the public during construction activities, ensuring site safety throughout the project's duration. This approach will mitigate any temporary hazards and nuisances associated with the construction phase.
Employment and Income Patterns	2	SOCIOECONOMIC The proposed project for the Mayagüez Terrace Urban Sector will temporarily employ workers related to construction activities; however, no new permanent jobs will be created as a result of this project. These workers are expected to come from the greater region. This project will benefit low- and moderate- income residents near the project site by improving traffic flow, directly benefiting the thousands of daily users traveling to and from adjacent towns. It will resolve safety issues by providing adequate lighting and ADA-compliant access. Additionally, it will enhance the aesthetics of the area by improving recreational areas. The improvements include reconstructing sidewalks and ramps, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems. These enhancements will significantly improve the quality of life for the local community, particularly benefiting the student population from the University of Puerto Rico Mayagüez Campus and local residents by addressing long-standing infrastructure issues and creating a safer, more accessible, and visually appealing environment. The proposed project would not negatively impact employment or income patterns. Instead, it will provide temporary

		construction jobs and long-term benefits to the community without altering the existing employment or income landscape.
		The proposed project for the Mayagüez Terrace Urban Sector would not result in demographic character changes or displacement. This revitalization effort, which focuses on infrastructure improvements such as reconstructing sidewalks and ramps to comply with ADA regulations, street improvements, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, is designed to benefit the existing community without altering its demographic composition.
Demographic Character Changes, Displacement	2	Due to the nature of the project area, no relocations or demolition of residential structures or businesses would occur as part of this project. The proposed project will not eliminate or relocate existing jobs, community facilities, or business establishments. The improvements are intended to enhance the living conditions and safety for current residents, particularly benefiting low- and moderate-income residents and the student population from the University of Puerto Rico Mayagüez Campus. By addressing infrastructure issues and creating a more accessible and aesthetically pleasing environment, the project aims to improve the quality of life for the existing community without causing displacement or changing the demographic character of the area.
Environmental Justice		On January 21, 2025, President Donald Trump issued the Executive Order 14173, titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.
CO	MMUNIT	Y FACILITIES AND SERVICES
Educational and Cultural Facilities	1	The proposed project for the Mayagüez Terrace Urban Sector will result in beneficial impacts on educational and cultural facilities. The revitalization efforts include reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems. These improvements will significantly enhance the accessibility and safety of the area, making it more accommodating for students from the University of Puerto Rico Mayagüez Campus and other educational institutions nearby.
		By improving infrastructure and public spaces, the project will create a more conducive environment for educational activities and community events. The enhanced sidewalks and street lighting will ensure safer and easier navigation for students and

		faculty, while the upgraded stormwater systems will reduce flooding issues, thereby minimizing disruptions to educational activities during inclement weather. Furthermore, the project will improve access to cultural facilities by making the area more inviting and accessible. Enhanced public spaces and improved transportation infrastructure will facilitate easier access to local cultural events and recreational activities. This will enrich the community's cultural life and provide more opportunities for residents to engage in cultural and educational pursuits. Overall, the project will provide substantial benefits to educational and cultural facilities, fostering a safer, more accessible, and vibrant community environment that supports both educational growth and cultural enrichment.
Commercial Facilities	1	The proposed project for the Mayagüez Terrace Urban Sector will result in long-term beneficial impacts on commercial facilities. The infrastructure improvements, including reconstructing sidewalks and ramps, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, will significantly improve access to local businesses. Better access to commercial facilities will be maintained during the construction phase through public notification and the use of signage to inform the community about traffic delays and detours. These measures will ensure that residents and visitors can still reach commercial establishments with minimal disruption. Clear communication and effective traffic management will help maintain customer flow to businesses, supporting the local economy even during construction. Once completed, the improved infrastructure will provide safer and more efficient access to commercial facilities. Enhanced sidewalks and ramps will facilitate pedestrian access, while upgraded streets and better traffic management will improve vehicle access. Improved lighting and signage will contribute to a safer and more attractive commercial environment,
		encouraging more foot traffic and business activity. Overall, the project will support the vitality and growth of commercial facilities in the Mayagüez Terrace Urban Sector by enhancing accessibility and creating a more appealing and functional urban environment for both business owners and customers.
Health Care and Social Services	2	The proposed project for the Mayagüez Terrace Urban Sector will not impact health care and social services facilities. The planned infrastructure improvements, which include reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, are designed to improve the

		overall urban environment without affecting the capacity or operation of health care and social services facilities. The project will not increase the demand for health care and social services facilities, as it does not involve activities that would lead to population growth or significant demographic changes. Instead, the improvements will provide a safer and more accessible environment for the existing community, potentially reducing the incidence of accidents or injuries related to poor infrastructure. Additionally, by enhancing public spaces and making the area more accessible, the project indirectly supports the health and well-being of residents, which aligns with the goals of health care and social services. However, it will not place any additional burden on these facilities. In summary, the project will maintain the current level of demand for health care and social services while contributing to a safer and healthier community environment.
Solid Waste Disposal / Recycling	1	The proposed project for the Mayagüez Terrace Urban Sector will involve construction activities that generate solid waste. To manage this waste effectively, a solid waste management plan will be developed and implemented. This plan will ensure that all potentially hazardous solid waste is handled properly and that the daily capacities of landfills and other solid waste facilities are not exceeded. The project includes the construction of permanent designated areas for solid waste management. Project-wide salvaging and recycling of materials will occur whenever feasible, in accordance with other program requirements. Recyclable materials, such as metal, wood, and concrete, will be separated and processed accordingly to minimize the amount of waste sent to landfills. All other materials that cannot be salvaged or recycled will be taken to the appropriate landfills.
		The solid waste management plan will include measures for the proper disposal of hazardous materials, ensuring compliance with local, state, and federal regulations. This will prevent environmental contamination and protect public health. By developing and adhering to a comprehensive solid waste management plan, the project will effectively manage construction waste, promoting sustainability and minimizing environmental impact. This approach ensures that the infrastructure improvements in the Mayagüez Terrace Urban Sector are carried out responsibly, with due consideration for solid waste disposal and recycling.
Waste Water / Sanitary Sewers	2	The proposed project for the Mayagüez Terrace Urban Sector will not affect the existing wastewater infrastructure and will not significantly increase the demand for service. The infrastructure improvements, including reconstructing

		sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, are designed to improve the urban environment without impacting the capacity or operation of the wastewater and sanitary sewer systems. The new construction of the police outpost will be connected to the wastewater infrastructure, although would not lead to a significant load to the wastewater infrastructure. Therefore, the current wastewater and sanitary sewer services will continue to function efficiently without the need for additional capacity or modifications to the existing system.
Water Supply	2	The new construction of the police outpost will be connected to the potable water infrastructure, although would not lead to a significant demand to the water infrastructure. The project focuses on enhancing existing public infrastructure and amenities rather than adding new facilities or increasing population density, which could impact water usage. The improvements made to sidewalks, streets, lighting, signage, and stormwater systems will not require additional water supply beyond the current usage levels. Therefore, the existing water infrastructure will continue to meet the needs of the community without requiring upgrades or expansions to accommodate the project. In summary, the proposed project for the Mayagüez Terrace Urban Sector will maintain the current demand levels for both wastewater and water supply services, ensuring that the existing infrastructure remains unaffected and continues to operate efficiently.
Public Safety - Police, Fire and Emergency Medical	1	The proposed project for the Mayagüez Terrace Urban Sector will not increase the demand for police, fire, or emergency medical services. The project focuses on infrastructure improvements such as reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, enhancing stormwater systems and a new police outpost. These enhancements are designed to improve safety, security and accessibility within the community without placing additional strain on public safety services. During the construction phase, traffic may need to be rerouted temporarily. To ensure that this does not impede public safety services, emergency services will be notified of traffic control changes well in advance. This coordination will allow for proper planning and adjustments to ensure that police, fire, and emergency medical vehicles maintain unimpeded access to all areas within the work zone. Furthermore, access for emergency vehicles will always be maintained, ensuring that there are no disruptions to emergency

		response times or capabilities. The improved infrastructure, once completed, will enhance overall public safety by providing better lighting, clearer signage, and safer pathways, contributing to a safer environment for both residents and emergency responders. In summary, the proposed project will enhance the infrastructure and safety of the Mayagüez Terrace Urban Sector without increasing the demand for police, fire, or emergency medical services. Through careful planning and coordination, the project will ensure that emergency services can continue to operate effectively throughout the construction period.
		The proposed project for the Mayagüez Terrace Urban Sector will have a positive impact on parks, open spaces, and recreational facilities. The project includes infrastructure improvements such as reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems. These enhancements are designed to improve accessibility, safety, and the overall aesthetic appeal of the area. The project will also improve access to existing recreational facilities, making them more accessible and enjoyable for residents and visitors. By upgrading sidewalks and ramps, the project ensures that parks and open spaces are easily accessible to individuals with disabilities, promoting inclusivity and enhancing the usability of these spaces.
Parks, Open Space and Recreation	1	Additionally, the improved lighting and signage will create a safer environment for recreational activities, encouraging more people to use parks and open spaces for exercise, relaxation, and community gatherings. The enhancements to stormwater systems will reduce flooding and water damage, maintaining the quality and usability of recreational areas even during heavy rain. Moreover, the project will add new recreational activities and improves open spaces, contributing to the overall health and well-being of the community. These spaces will provide more opportunities for outdoor activities, social interactions, and community events, fostering a stronger sense of community and improving the quality of life for residents.
		In summary, the proposed project will enhance parks, open spaces, and recreational facilities in the Mayagüez Terrace Urban Sector, making them more accessible, safer, and more enjoyable for everyone. These improvements will promote a healthier, more active lifestyle and strengthen community bonds.
Transportation and Accessibility	1	The proposed project for the Mayagüez Terrace Urban Sector will result in minor temporary traffic increases and access issues during construction. To mitigate these short-term effects, a

		comprehensive traffic and transportation management plan will be implemented. This plan will address traffic rerouting, lane closures, and the safest routes for both vehicular and pedestrian traffic during the construction phase.
		Traffic may need to be rerouted temporarily, or lane closures may be implemented to direct traffic away from construction activities. To ensure minimal disruption, clear signage and public notifications will be provided in advance. Emergency services will be notified of all traffic control changes ahead of time, ensuring that emergency vehicles maintain unimpeded access to all areas within the work zone.
		In the long term, the project will have significant beneficial impacts on transportation and accessibility. The improvements include upgrading streets, reconstructing sidewalks, and ramps to comply with ADA regulations, installing better street lighting, and enhancing signage. These enhancements will make the area safer and more accessible for all users, including pedestrians, cyclists, and drivers.
		Improved street conditions and clearer signage will facilitate smoother traffic flow, reducing congestion and travel times. The upgraded sidewalks and ramps will enhance pedestrian accessibility, particularly for individuals with disabilities, making it easier and safer to navigate the area. The enhanced lighting will improve visibility and safety during nighttime hours, further contributing to a safer transportation environment.
		Overall, while the project will cause minor temporary disruptions during construction, the long-term benefits include safer, more efficient, and more accessible transportation infrastructure for the residents and visitors of the Mayagüez Terrace Urban Sector.
	N	ATURAL FEATURES
Unique Natural Features, Water Resources	1	The proposed project for the Mayagüez Terrace Urban Sector will have a thoughtful approach to preserving unique natural features and water resources in the area. The infrastructure improvements, including reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, are designed to enhance the urban environment while protecting natural features and water resources.
		The project area does not contain any unique natural features such as rare geological formations, significant natural landmarks, or protected habitats. However, the project will take proactive measures to ensure that existing green spaces and natural elements are preserved and integrated into the urban landscape improvements.

		Water resources in the area will be safeguarded through the implementation of an enhanced stormwater management system. This system will include proper site grading, berm construction, and the installation of catch basins and drainage pipes to control surface runoff and prevent ponding. A Stormwater Pollution Prevention Plan (SWPPP) will be developed and implemented to avoid surface runoff, sedimentation, and contamination of receiving waterways. Best Management Practices (BMPs) outlined in the SWPPP will ensure that construction activities do not negatively impact water quality. Erosion control measures, such as silt fences and sediment traps, will be employed to prevent soil erosion and sediment traps, will be employed to prevent soil erosion and sedimentation in nearby water resources during construction. In summary, the proposed project will enhance the infrastructure and urban environment of the Mayagüez Terrace Urban Sector while taking necessary steps to protect and preserve the unique natural features and water resources. The project's comprehensive stormwater management and erosion control measures will ensure that natural elements and water quality are maintained throughout the construction process and beyond.
Vegetation, Wildlife	2	The proposed project for the Mayagüez Terrace Urban Sector will not significantly impact native vegetation. The infrastructure improvements, including reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, are primarily focused on urban areas where native vegetation is minimal or has already been altered by previous developments. The project will take care to preserve existing green spaces and incorporate landscaping that complements the local environment. Any vegetation that must be removed during construction will be managed responsibly, and efforts will be made to replant native species where possible to maintain the ecological balance and enhance the aesthetic appeal of the area. Additionally, the proposed project will not impact wildlife or wildlife habitat. The project area is urbanized and does not encompass significant wildlife habitats or areas known for high biodiversity. The construction activities and subsequent infrastructure improvements are designed to avoid any adverse effects on local wildlife. Measures will be taken to ensure that any incidental wildlife encountered during construction is safely relocated or protected. The project will adhere to environmental guidelines and regulations to minimize disturbances to local fauna. By enhancing stormwater management systems and maintaining

		green spaces, the project will also contribute to a healthier urban ecosystem, indirectly benefiting wildlife by providing better- managed and more sustainable habitats. In summary, the proposed project for the Mayagüez Terrace Urban Sector will not significantly impact native vegetation or wildlife. The focus on urban infrastructure improvements, coupled with responsible environmental management practices, ensures that the local flora and fauna are protected and preserved throughout the project's duration and beyond.
Other Factors		None
	C	LIMATE AND ENERGY
Climate Change Impacts		On January 20, 2025, President Donald Trump issued the Executive Order 14148, titled "Initial Rescissions of Harmful Executive Orders and Actions", which revoked Executive Order 14008 and eliminated federal mandates requiring agencies to assess climate change impacts. Consequently, there is no longer a federal requirement to address climate change concerns in the environmental compliance review process.
Energy Efficiency	1	The proposed project for the Mayagüez Terrace Urban Sector will incorporate measures to enhance energy efficiency without significantly changing regional energy demand. The project's infrastructure improvements, which include reconstructing sidewalks and ramps to comply with ADA regulations, upgrading streets, constructing waste container areas, replacing street lighting, installing street signage, and enhancing stormwater systems, are designed to improve the urban environment while optimizing energy use. One of the key components of the project is the replacement of street lighting with energy-efficient LED fixtures. LED lighting consumes less energy compared to traditional lighting solutions and has a longer lifespan, reducing both energy consumption and maintenance costs over time. This upgrade will contribute to lower overall energy demand in the area while providing better illumination and safety. Additionally, the project will implement energy-efficient technologies and sustainable practices in the construction and maintenance of public spaces. For example, the selection of materials and construction methods will prioritize energy conservation and sustainability, further minimizing the project's energy footprint. The project will not involve significant changes that would alter regional energy use. Instead, it will promote energy efficiency within the project area, ensuring that any increase in energy

demand due to construction activities is temporary and mitigated by the long-term benefits of the implemented energy- efficient measures.
In summary, the proposed project for the Mayagüez Terrace Urban Sector will improve energy efficiency through the use of LED street lighting and sustainable construction practices. These enhancements will optimize energy use within the project area without significantly changing regional energy demand, contributing to a more sustainable and energy-efficient urban environment.

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

- Puerto Rico State Historic Preservation Office
- FAA, National Plan for Integrated Airport Systems:
- www.faa.gov/airports/planning_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf
- John H. Chafee Coastal Barrier Resources System, Puerto Rico map. www.fws.gov/CBRA/Maps/Locator/PR.pdf
- National Wild and Scenic Rivers System: www.rivers.gov/puerto-rico.php
- Puerto Rico Community Development Block Grant Disaster Recovery Action Plan, July 2018. www.cdbg-dr.pr.gov/en/action-plan/
- Programmatic Agreement among the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Office and the Central Office for Recovery, Reconstruction and Resilience amended to include the Puerto Rico Department of Housing.
- US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book): www3.epa.gov/airquality/greenbook/anayo_pr.html
- US EPA, Environmental Topics, Air Topics: www.epa.gov/environmental-topics/airtopics
- US Fish and Wildlife Service, Environmental Conservation Online System: https://ecos.fws.gov/ecp/report/species-listings-bystate?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed
- Federal Emergency Management Agency, Flood Mapping Service: https://msc.fema.gov/portal/home (compilation of numerous maps)
- US Fish and Wildlife Service, National Wetlands Inventory:
- www.fws.gov/wetlands/data/mapper.html (compilation of numerous maps)
- Puerto Rico Coastal Zone Management Program Plan, September 2009.
- US EPA, Sole Source Aquifers. Esri HERE, Garmin, NOAA, USGS, EPA.
- US Geological Survey, Data Release of May Showing Concentration of Landslides Caused by Hurricane Maria,

List of Permits Obtained:

- Local:
 - o 2023-491707-DEC-120916

o 2023-491707-PCOC-035596

Public Outreach [24 CFR 50.23 & 58.43]:

In accordance with 24 CFR Part 55, an early public notice of an activity in the floodplain was published on November 7, 2023 at "El Vocero" newspaper. A final public notice was published on January 27,2024 at "El Nuevo Día" newspaper. A combined Notice of Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI-ROF) will be published in a local newspaper to inform the public and gather feedback. Copies of this public notice will also be sent to all known interested parties, including local residents, business owners, and community organizations, to ensure broad awareness and participation. This outreach effort is designed to engage the community and provide transparency about the project's potential impacts and benefits.

Cumulative Impact Analysis [24 CFR 58.32]:

The project area is part of larger, ongoing infrastructure improvements aimed at addressing unsatisfied needs resulting from Hurricanes Irma and Maria in September 2017. These efforts also include strategic and high-impact activities to mitigate disaster risks and reduce future losses. The Green Urban Renovation Project would contribute positively to these ongoing improvements by enhancing infrastructure resilience and community safety. Short-term impacts during construction, such as noise and traffic disruptions, will be mitigated through measures detailed in the project plan, ensuring minimal contribution to construction impacts in the surrounding area. The project will not contribute to adverse cumulative impacts, as it aligns with broader recovery and improvement efforts designed to enhance the community's overall resilience and quality of life.

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

The municipality of Mayagüez considered several alternative sites and actions to satisfy the project's purpose and need. These included options for construction along the existing alignment and locating the project partially or entirely outside the existing floodplain. Alternatives examined along the existing alignment included:

- 1. Construction in the floodplain: This option was found to be feasible due to the necessity of improving existing infrastructure within its current location to maintain connectivity and functionality, including the construction of a police outpost to provide additional safety and security to the community established in the flooplain.
- 2. Avoiding the floodplain where it intersects the existing alignment: This option was not feasible as it would disrupt the continuity of the infrastructure and increase project costs significantly.
- 3. Options for locating the project partially or entirely outside the existing floodplain included relocating infrastructure to less vulnerable areas. However, these options were not feasible due to higher costs, greater environmental impact, and the need for extensive land acquisition.

As a result, the option to construct in the floodplain was deemed the most feasible and effective in providing necessary improvements to the major arterial bypass, serving both citizens and regional/national visitors, and meeting the project's purpose and need.

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

The No Action Alternative is unfeasible because it does not address the critical infrastructure improvements needed to enhance safety, accessibility, and resilience against future disasters. Additionally, it does not improve the normal useful life (NUL) of the existing infrastructure, which is essential for supporting the community's long-term needs. Without the proposed improvements, the area would remain vulnerable to flooding and other risks, and the opportunity to enhance the urban environment and quality of life for residents and visitors would be missed.

Summary of Findings and Conclusions:

The project involves the rehabilitation and reconstruction of infrastructure within the Mayagüez Terrace Urban Sector, including sidewalks, streets, waste container areas, street lighting, signage, stormwater systems, new green areas, and a police outpost. The project area includes portions situated within a 100-year floodplain, specifically Zones X Shaded and AE, which will result in a temporary disturbance of the floodplain during construction activities. However, upon completion of the project, the floodplain will return to its existing conditions, with no changes to flood volume or base flood elevation.

The infrastructure improvements within the project area are designed to enhance safety, and accessibility without increasing the flooding risk to other properties in the vicinity. The project includes advanced stormwater management systems and additional vegetated areas to mitigate potential flood impacts and improve resilience against heavy rainfall.

Completion of this environmental review and associated consultation confirms that the proposed project would not have a significant environmental impact and that further assessment is not necessary. HUD funding of the proposed action will not significantly impact the quality of the human environment. The project will extend the normal useful life of the existing Mayagüez Terrace Urban Sector by improving traffic flow, safety, ADA-compliant access through roadway and sidewalk repairs and improvements to the storm sewer system. Additionally, the project will enhance security by improving street lighting and incorporating a new police station.

In summary, the project will provide significant benefits to the community, including improved infrastructure, enhanced safety and accessibility, and increased resilience against environmental risks, without causing significant environmental impacts.

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

Below is a summary of all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and ensure compliance with the relevant laws, authorities, and factors. These measures and conditions will be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures will be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Endangered Species	If a Puerto Rican Boa is encountered during
	the construction of the Mayagüez Terrace

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	Urban Sector project, the following measures
	will be taken to ensure its protection:
	• Immediate Cessation of Work:
	Construction activities in the
	immediate vicinity of the boa will
	cease immediately to avoid any harm
	to the animal.
	• Observation and Safe Passage:
	Workers will observe the boa from a
	safe distance and allow it to move off
	the site on its own, ensuring that it is
	not disturbed or stressed.
	• Notification of Authorities: If the boa
	does not move off the site on its own,
	the Puerto Rico Department of Natural
	and Environmental Resources
	(PRDNER) Rangers will be notified
	for the safe capture and relocation of
	the animal.
	• Compliance with Guidelines: All
	actions will be conducted in
	accordance with the US Fish and
	Wildlife Service (USFW) Puerto
	Rican Boa Conservation Measures
	guidelines and the Amended
	Programmatic Biological Opinion
	dated July 27, 2023. These guidelines
	provide detailed procedures for
	handling and protecting the boa to
	ensure its safety and conservation.
Floodplain Management	Floodplain management for the Mayagüez
	Terrace Urban Sector project will adhere to
	stringent engineering practices to ensure
	effective drainage and minimize flood risk.
	The following measures will be implemented:
	• Comprehensive Drainage Design: All
	drainage work will be designed to reduce
	flood damage by effectively channeling
	water away from vulnerable areas. This
	includes the installation of catch basins,
	drainage pipes, and berms to manage
	surface runoff and prevent ponding.
	• Best Engineering Practices: Utilizing
	advanced engineering methods, the
	design will ensure minimal obstruction to
	the natural flow of water. This involves
	the nuturul flow of water. This hivelyes

	careful planning and execution of
	 careful planning and execution of grading, excavation, and the installation of drainage systems to maintain the integrity of watercourses and enhance water flow efficiency. Safety Measures: The project will incorporate safety features to protect both the construction site and the surrounding community from flood hazards. This includes reinforcing structures to withstand hydrodynamic and hydrostatic loads, ensuring that all materials and construction methods are robust and reliable. Hydrodynamic and Hydrostatic Load Resistance: Structures within the floodplain will be designed and constructed to resist the forces exerted by moving and standing water. This includes using materials and techniques that enhance the durability and stability of buildings and infrastructure against floodwaters. Regulatory Compliance: All floodplain management activities will comply with local, state, and federal regulations, including the guidelines set forth by the Federal Emergency Management Agency (FEMA) and other relevant authorities. This ensures that the project not only meets safety and engineering standards but also aligns with regulatory
	requirements for floodplain management.
Historic Preservation	SHPO concluded that implementation of the undertaking will have no historic properties affected within the project's area of potential effects. SHPO will be immediately notified upon discovery of other historic properties at any point at the site during the project implementation.
Soil Suitability/ Slope/ Erosion/Drainage/ Storm Water Runoff	The geotechnical evaluation for the Mayagüez Terrace project provides comprehensive recommendations to address soil suitability, slope stability, erosion control, drainage, and storm water runoff. The project site, primarily consisting of old fill
L	

materials mixed with debris, requires
extensive subsurface treatment to ensure
uniform settlement behavior and adequate
bearing capacity for the proposed structures.
Site Preparation: The geotechnical report
indicates that stripping operations should be
conducted to remove old fills, in-situ soils,
and any other questionable materials to depths
ranging from 4 to 13 feet in the police
detachment area and 4 to 6 feet in the soccer
field area. The over-excavated material
should be disposed of, and the exposed
natural surface should be proof rolled with a
15-ton smooth wheel roller to detect and
remove additional soft or loose spots. The site
should then be covered with a geotextile
material and backfilled with selected fill (A-
2-6 or A-2-4) properly compacted in single
layers not exceeding 8 inches thick. Each
layer should be compacted to achieve at least
95% of its maximum dry unit weight as
determined by a Modified Proctor
Compaction Test.
Slope Stability: For areas with sloping
ground, such as the location of the two-story
police detachment building, a retaining wall
of approximately 6 feet in height will be
constructed parallel to the sidewalk. Prior to
backfilling, the existing sloping ground
should be stepped to key in the fill, preventing
placement over an unprepared sloping
surface.
Drainage and Storm Water Runoff: Surface
runoff and ponding will be controlled during
construction through proper site grading and
the construction of berms around exposed
areas. A stormwater pollution prevention plan
(SWPPP) will be prepared, and its BMPs
implemented to avoid surface runoff,
ponding, and sedimentation of receiving
waterways. Additionally, drainage work will
ensure that water from the north side of the
site is intercepted with a catch basin and
transported via pipes to the side streets. This
system will be designed by an expert to ensure
efficient water management.
enterent water munugement.

Compaction and Sealing of Utilities: The
compaction operations will involve using a
smooth wheel roller to achieve the required
percentage of compaction. Each successive
pass of the roller should overlap the preceding
pass by ten percent to ensure uniform
compaction. Any unstable zones identified
during proof rolling will be removed and
replaced with selected fill to meet the project's
compaction criteria.
By adhering to these geotechnical
recommendations, the project will effectively
safeguard slope stability, ensure appropriate
drainage, and control storm water runoff,
thereby mitigating potential impacts on soil
suitability and erosion.
The comprehensive Stormwater Pollution
Prevention Plan (SWPPP) will incorporate
Best Management Practices (BMPs) to
effectively manage surface runoff, prevent
ponding, and control sedimentation of
receiving waterways. Key components
include:
• Surface Runoff Management: Proper site
grading and berm construction will be
implemented to control surface runoff
and prevent ponding. Vegetated swales
and other natural filtration systems will
•
be used to enhance water absorption and
reduce runoff.
• Erosion Control: Erosion control
measures such as silt fences, sediment
traps, and stabilized construction
entrances will be installed to minimize
soil displacement and sediment transport
during construction.
• Excavation and Grading: Excavation and
grading activities will follow the
geotechnical report's recommendations,
which include removing old fills and in-
situ soils to depths of 4 to 13 feet,
stepping sloping ground to key in the fill,
and using selected fill materials that are
properly compacted to achieve stability.
• Compaction: The selected fill will be
compacted in layers not exceeding 8

Hazards and Nuisances including Site Safety and Noise	 inches thick, using a smooth wheel roller to achieve at least 95% of its maximum dry unit weight as determined by a Modified Proctor Compaction Test. This ensures uniform settlement behavior and adequate support for new structures. Utility Sealing: Sealing of utilities will be carried out according to the geotechnical report's recommendations to prevent water infiltration and ensure the long-term stability of buried infrastructure. Drainage Systems: A sophisticated drainage system will be designed to intercept water from the north side of the site, using catch basins and pipes to transport it to side streets. This system will be engineered to handle expected stormwater volumes and minimize the risk of flooding. To address hazards and nuisances, including site safety and noise, the Mayagüez Terrace Urban Sector project will implement comprehensive measures: Noise Management: Regulations Compliance: All construction activities will adhere to local noise regulations to minimize disturbance to nearby residents and businesses. Equipment Maintenance: Regular maintenance of construction activities
	 equipment will be conducted to ensure it operates efficiently and quietly, reducing noise pollution. Scheduling: Noisy operations will be scheduled during daytime hours to minimize disruption to the community.
	Site Safety:
	 Construction Fencing: Temporary fencing will be erected around the construction site to prevent unauthorized access and protect the public from potential hazards. Signage: Clear and informative signage will be placed at key locations

Solid Waste Disposal / Recycling	 around the construction site to warn the public of potential dangers and guide them safely around the area. Signs will include details about ongoing activities, potential risks, and contact information for project managers. Traffic Control: Effective traffic control measures, such as temporary traffic signals, barricades, and flaggers, will be implemented to ensure the safety of both pedestrians and motorists. Emergency services will be notified of any traffic changes in advance to ensure continuous access. Dust and Debris Control: Measures will be taken to control dust and debris, including regular watering of exposed soil surfaces and prompt removal of construction debris to designated disposal areas. Public Communication: Regular updates will be provided to the construction project, expected disruptions, and safety measures in place. This will help maintain public awareness and cooperation throughout the construction period.
	 plan will be developed and implemented for the Mayagüez Terrace Urban Sector project. This plan will ensure that all construction- related waste, including potentially hazardous materials, is handled, and disposed of properly. Key elements of the plan include: Segregation and Recycling: Materials will be sorted on-site to separate recyclable items such as metals, wood,
	 recyclable items such as inclais, wood, and concrete from non-recyclable waste. Hazardous Waste Management: All hazardous waste will be identified, handled, and disposed of according to

	 local, state, and federal regulations to prevent environmental contamination. Waste Minimization: Efforts will be made to reduce waste generation through efficient use of materials and on-site recycling practices. Capacity Management: Waste disposal will be coordinated to ensure that the daily capacities of landfills and other solid waste facilities are not exceeded, maintaining compliance with environmental regulations.
Public Safety - Police, Fire and Emergency Medical	 During construction, there may be a need to temporarily reroute traffic to ensure safety. To manage this effectively: Advance Notification: Emergency services, including police, fire, and medical personnel, will be notified of any traffic control changes ahead of time. Unimpeded Access: Plans will be in place to ensure that emergency vehicles have continuous access to all areas within the work zone, even if traffic is being rerouted. Coordination: Regular coordination meetings with emergency services will be held to review traffic management plans and ensure readiness for any incidents.
Transportation and Accessibility	 A traffic and transportation management plan will be implemented to mitigate short-term traffic effects during construction and provide the safest routes for all road users. This plan will include: Traffic Rerouting: Clearly marked detours and alternate routes will be established to redirect traffic safely around construction zones. Signage and Signals: Temporary traffic signals, signs, and barriers will be used to manage traffic flow and enhance safety for drivers and pedestrians. Public Information: Regular updates will be provided to the community

expect incom Pedes crossi pedes such safety By implement project will management, manage tran challenges, to and enhancind during the con- endorsements activities will	It road closures, detours, and cted traffic delays to minimize nvenience. estrian Safety: Safe pathways and sings will be maintained for strians, with additional measures as temporary crosswalks and y barriers where necessary. enting these detailed plans, the l ensure effective solid waste t, maintain public safety, and ansportation and accessibility thereby minimizing disruption ing safety for the community ponstruction phase. All permits and ts required prior to construction ll be obtained, in compliance with nd regulations of Puerto Rico to the project.
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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.

The Charde, Sol V Rosa Preparer Signature:

Date: February 18,2025

Name/Title/Organization: Bienvenido Pichardo 3mg Architects & Engineers / Tetra Tech

Certifying Officer Signature:

J. Loung

Date: February 18, 2025

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

List of Figures and Agency Documents

- Exhibit 1 Location Map
- Exhibit 2 Airport Hazards Map
- Exhibit 3 Coastal Barrier Resources System Map
- Exhibit 4 Flood Insurance Map
- Exhibit 5 Air Quality / Puerto Rico Nonattainment/Maintenance Status Map
- Exhibit 5A Air Quality / Puerto Rico Nonattainment/Maintenance Status
- Exhibit 6Coastal Zone Management Map

Exhibit 6ACertification of Consistency with the Puerto Rico Coastal ZoneManagement Program

Exhibit 7 Toxic and Contamination Substances Map Exhibit 7A ECHO Detailed Facility Report Exhibit 7B ECHO Detailed Facility Report Exhibit 7C ECHO Detailed Facility Report Exhibit 7D ECHO Detailed Facility Report Exhibit 7E ECHO Detailed Facility Report Exhibit 7F ECHO Detailed Facility Report Exhibit 7G ECHO Detailed Facility Report Exhibit 7H ECHO Detailed Facility Report Exhibit 7I ECHO Detailed Facility Report Exhibit 7J ECHO Detailed Facility Report Exhibit 7K ECHO Detailed Facility Report Exhibit 7L ECHO Detailed Facility Report Exhibit 7M ECHO Detailed Facility Report Exhibit 7N ECHO Detailed Facility Report Exhibit 70 ECHO Detailed Facility Report Exhibit 7P ECHO Detailed Facility Report Exhibit 7Q ECHO Detailed Facility Report Exhibit 7R1 ECHO Detailed Facility Report Exhibit 7R2 ECHO Detailed Facility Report Exhibit 7S ECHO Detailed Facility Report

- Exhibit 7T1 ECHO Detailed Facility Report
- Exhibit 7T2 ECHO Detailed Facility Report
- Exhibit 7T3 ECHO Detailed Facility Report
- Exhibit 7T4 ECHO Detailed Facility Report
- Exhibit 7U1 ECHO Detailed Facility Report
- Exhibit 7U2 ECHO Detailed Facility Report
- Exhibit 7V Field Inspection Report
- Exhibit 7W Memo Justification for the Infeasibility and Impracticability of Radon

Testing

Exhibit 7X Lead-Based Paint Survey Report

Exhibit 7Y ACM Survey Report

- Exhibit 8 Critical Habitat Map
- Exhibit 8A Endangered Species Documents
- **Exhibit 9** Explosive and Flammable Hazards Map
- Exhibit 10 Farmland Protection
- Exhibit 11 Advisory Base Flood Elevations (ABFE) Map
- Exhibit 11A 8-Step Decision Making Analysis
- Exhibit 12 Historic Preservation
- Exhibit 13 Sole Source Aquifers Map
- Exhibit 14 Wetland Map
- Exhibit 15 Wild and Scenic Rivers Map
- Exhibit 16 Geotechnical Study



September 14, 2024

Mayaguez Terrace
 Mayaguez terrace

2 1:9,028 0 0.05 0.1 0.2 mi 0 0.1 0.2 mi 0 0.1 0.2 D.4 km Earl Community Mass Contributions, Earl, TomTam, Samin, Fourscame, SafeChapt, Contributions, Earl, TomTam, Garmin, Fourscame, SafeChapt, Contributions, Earl, TomTam, Samin, Fourscame, SafeChapt, Contributions, Earl, TomTam, Samin, Fourscame, SafeChapt, Contributions, Mark, USGA, USGA, SPS, US Community

Exhibit 1 Location Map		
Scale	As Shown	
Source of Information	https://nepassisttool.epa.gov/nepassist/nepamap.aspx	N
Title of the Figure	Location Map	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización	
Name of the Development	Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest	Not Applicable	\rightarrow
Compliance Factor	Not Applicable	



+ Airport Points

Airport Polygons

0 5 10 20 mi 0 15 30 60 km Esri, TomFum, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NPS, USFUM, EPA OEI

Exhibit 2 Airport sMap		
Scale	As Shown	
Source of Information	https://nepassisttool.epa.gov/	N
Title of the Figure	Airports Map	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest	MAZ (Eugenio M. Hostos-Civil): 13,253 ft	\rightarrow
Compliance Factor	SJU (Luis Muñoz Marín): 399,432 ft	


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

Exhibit 3 CBRS Map		
Scale	As Shown	
Source of Information	https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/	N
Title of the Figure	Coastal Barrier Resources	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización	
	Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest	17,380 feet	\rightarrow
Compliance Factor	17,300 leet	

https://msc.fema.gov/portal/search?AddressQuery=-66.93844%2C%2018.47210 National Flood Hazard Layer FIRMette

Exhibit 4 PR-CRP-000855 Mejoras a la Infraestructura de la Urbanización Mayagüez Terrace

🐮 FEMA

Legend

67°9'13"W 18°13'14"N Coordinates 18.215681, -67.148371



Exhibit 5 Clean Air Nonattainment/Maintenance Map





Project Site Lead (2008 standard) Nonattainment

 SO2 1-hr (2010 standard) Nonattainment
 PM10 (1987 standard) Maintenance



Earthstar Geographics, U.S. EPA Office of Air and Radiation (OAR) - Office of Air Quality Planning and Standards (OAQPS)

Tetratech - Sol V Rosa Ramos

https://nepassisttool.epa.gov/nepassist/nepamap.aspx

Air Quality / Puerto Rico Nonattainment/Maintenance Status list

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 September 30, 2024

Change the State:

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 PIM-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. (<u>81 FR 58009</u>)

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	11 12 13 14 15 16 17 18 19 20 21 22 23 24	11		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24	11		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24	11		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24	11		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18 19 20 21 22 23 24	11		Part	23,401	72/123
San J <mark>u</mark> an Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24	11		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24	11		Part	52,441	72/137

https://www3.epa.gov/airquality/greenbook/anayo_pr.html



2/5/2025

Legend:



Coastal Zone Land Boundary

Project Site



Esri, HERE, Garmin, iPC, Maxar

https://www.arcgis.com/apps/mapviewer/index.html?webmap=1d0eff6661f340dcabb0e9928d01ec57

Exhibit 6A



GOVERNMENT OF PUERTO RICO PUERTO RICO PLANNING BOARD

December 6, 2024

Mr. Angel López Guzmán <u>a.lopez@vivienda.pr.gov</u> Deputy Director Permit and Environmental Compliance Division PR Department of Housing PO Box 21365 San Juan, Puerto Rico, 00928-1365

Federal Consistency Certification Federal Assistance with CDBG funds from the City Revitalization Program (CRP) CZ-2025-1118-007 / PR-CRP-000855 Cadastral Number: 233-007-660-01 Mayagüez Terrace Urban Sector Pueblo Ward, Mayagüez

Dear Mr. López:

The Puerto Rico Department of Housing submitted the application of reference to obtain federal assistance from the CDBG-DR funds through the City Revitalization Program. The Municipality of Mayagüez is proposing this project for improvements to the Infrastructure of the Mayagüez Terrace Urban Sector. The proposed area is one of the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is 0.2 kms² urban area with approximately 560 residential properties and 12 streets. Additionally, it is a sector with a high level of commercial and recreational activities for local communities.

This project aims to enhance the lives of residents, property owners and the experience of visitors by improving the infrastructure. To address the main problems that have been identified in the community, the Municipal Administration has established the following scope of work:

- Reconstruction of sidewalks and ramps for the disabled in compliance with the ADA Law.
- Reparation and repaving of street surfaces.
- Construction of areas to locate containers for solid waste.
- Replacement of street lighting and installation of traffic control street signs.
- Improving of recreational areas (basketball court and soccer field).



Roberto Sánchez Vilella Goverment Center, De Diego Ave. Stop 22 Santurce • P.O. Box 41119, San Juan, Puerto Rico 00940-1119

- Establishment of stormwater management systems, by cleaning and flushing and probable retainage of storm water to allow slow seepage of rainfall.
- Improving of the condition and architecture of the urbanization main entrance, among others.

Reforestation activities and/or the implementation of green initiatives will be considered when designing the improvements in infrastructure. All works will be designed following all applicable building codes. The project is located at Urbanization Mayagüez Terrace, II de Agosto Street, Pueblo Ward in the municipality of Aguadilla.

The Puerto Rico Planning Board in its meeting of *July 24, 2024*; emitted a General Federal Consistency Certification with the Puerto Rico Coastal Management Program (PRCZMP), under resolution JP-2024-004 for projects to be financed with Federal funds under the CDBG-MIT programs.

The section D of this resolution establishes that Federal assistance awarded under CDBG-DR and CDBG-MIT programs for infrastructure projects (sidewalks, roads, highways, services lines, public squares) projects, are consistent with the PRCZMP with the conditions that the applicant fulfills the following requirements ninety (90) days before the construction phase of the project.

 Evidence of compliance with the PR Environmental Policy Law (Law number 416 of September 22, 2004) by providing copy of the Environmental Compliance Determination emitted by the PR Permit Management Office (OGPe).

These documents must be submitted to the Office of Geology and Hydrogeology Office of the Puerto Rico Planning Board referring to the Federal Consistency review application number, or by e-mail to the following address <u>comentariosjp@jp.pr.gov</u>.

Considering this the project at reference is consistent with the PRCZMP with the condition that the applicant complies with the above-mentioned requirements as established in Resolution JP-2024-004. This determination does not preclude the possibility of the need to obtain any other permit or endorsement from other Commonwealth or Federal Agencies.

Thanks for your cooperation with our Program. If you have any questions concerning this matter, please contact Maryguel Fuentes at 787-723-6200 ext. 16017 or her e-mail address: fuentes_m@jp.pr.gov.

Cordially,

Luis E. Lamboy Torres Director Geology and Hydrogeology Office

c: Department of Housing, <u>environmentalcdbg@vivienda.pr.gov</u> Mrs. Leilani González Negrón, MBA, <u>legonzalez@vivienda.pr.gov</u>



MFL/





ERRATA SHEET

PUERTO RICO DEPARTMENT OF HOUSING DISASTER RECOVERY OFFICE PERMITS AND ENVRONMENTAL COMPLIANCE DIVISION

In reference to the Federal Consistency Certification submitted by the Puerto Rico Planning Board, in regard to the CDBG-DR City Revitalization Program, *Mejoras a la infraestructura de la Urbanización Mayagüez Terrace* (PR-CRP-000855) project, due to material error, it is modified with the following wording:

Page	Reads	Should Read		
Page 2, 1 st paragraph, 2 nd sentence	The project is located at Urbanization Mayagüez Terrace, II de Agosto Street, Pueblo Ward in the municipality of Aguadilla.	The project is located at Urbanization Mayagüez Terrace, in the municipality of Mayagüez.		

Angel G. López-Guzmán Deputy Director Permits and Environmental Compliance Division Disaster Recovery Office environmentcdbg@vivienda.pr.gov / 787.274.2527 ext. 4320

Commonwealth of Puerto Rico Office of the Governor Puerto Rico Planning Board Physical Planning Area Land Use Planning Bureau

Application for Certification of Consistency with the Puerto Rico Coastal Management Program

General Instructions:

- A. Attach a 1:20,000 scale, U.S. Geological Survey topographic quadrangular base map of the site.
- B. Attach a reasonably scaled plan or schematic design of the proposed object, indicating the following:
 - 1. Peripheral areas
 - 2. Bodies of water, tidal limit, and natural systems.
- C. You may attach any further information you consider necessary for proper evaluation of the proposal.
- D. If any information requested in the questionnaire does not apply in your case, indicate by writing "N/A"(not applicable).
- E. Submit a minimum of seven (7) copies of this application.

DO NOT WRITE IN THIS BOX						
Type of application:		Application Number	er:			
Date received:		Date of Certification	on:			
Evaluation result:	□ Objection	□ Acceptance	□ Negotiation			
Technician:		Supervisor:				
Comments:						

1. Name of Federal Agency: Puerto Rico Department of Housing (Responsible Entity)

2. Federal Program Catalog Number: 14.218 Community Development Block Grant - Disaster Recovery (CDBG-DR) / City Revitalization Program

3. Type of Action	n:	Actio	A	of	Type	3.
-------------------	----	-------	---	----	------	----

Federal Activity	□ License or permit
------------------	---------------------

- 4. Name of Applicant: Puerto Rico Department of Housing (Responsible Entity)
- 5. Postal Address:
 P.O. Box 21365, San Juan, PR 00928-1365

 Telephone:
 (787) 274-2527
 Fax:
 (787)758-9263

⊠ Federal Assistance

- 6. Project name: Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)
- Physical Description of Project Location (area, facilities such as vehicular access, drainage, storm, and sanitary sewer placement, etc.):
 <u>The project consist of reconstruction of sidewalks and ramps for the disabled in compliance with the ADA Law, reparation and repaying of streets, construction of areas for solid wastes containers, replacement of street lighting, installation of traffic control street signs, improvements to recreational

 </u>

areas (basketball court and soccer field and construction of Police outpost), improvements to stormwater management systems, by cleaning, flushing of storm water piping, improvements to the urbanization main entrance architecture, reforestation activities and/or the implementation of green initiatives. Refer to attached project description.

Lambert Coordinates:	X= 124366.96	Y= 242465.98
Lamoent Coordinates.	A	1 212100100

8. Type of construction or other work proposed:

□ drainage	□ channeling		\Box landfill			□ sand extraction	n
□ pier	🗆 brie	lge	🗆 re	esidential		□ tourist	
<u>rec</u>		Reconstruction recreational are systems, and re	eas, i	mprovements		improvements nwater manageme	
Description of proposed v	work:	Refer to attache	d pro	ject description	on.		

9. Natural, artificial, historic, or cultural systems likely to be affected by the project

Place an X opposite any of the systems indicated below that are in the project area or its surroundings, which are likely to be affected by that activity. Indicate the distance from the project to any outside system that would likely be affected.

System	Within	Outside	Distance	Local name of
beach, dunes	Project	Project	(meters)	affected system
marshes				
coral, reefs				
river, estuary	Х			
bird sanctuary				
pond, lake, lagoon		Х	760	Baja Mondongo
agricultural unit				
forest, wood				
cliff, breakwater				
cultural or tourist area		Х		Recinto Universitario de Mayagüez
other (explain)	Х			Floodzone AE

Describe the likely impact of the project on the identified system (s).

Positive 🖂

Negative 🗆

Explain: Proposed activities will positively impact by enhancing the neighborhood, allowing adequate streets, sidewalks, and recreational facilities for the benefit of community residents and university students. The systems outside of the project area will not be affected due to distance. The project at the proposed site will not impact the floodplain and will not have a significant impact on the actual runoff water behavior during weather events. The project will have minimal adverse impacts on the floodplain function and values. Although a riverine wetland exists within the vicinity of the project location, general erosion mitigation measures will be implemented to ensure there is not a negative impact. Wetlands will not be affected.

10. Indicate permits, approvals, and endorsements of the proposal by Federal and Puerto Rican government agencies. Evidence of such support should be attached to the proposal.

		Yes	No	Pending	
a.	Planning Board				
b.	Regulation and Permits Administration				2023-491707-PCOC-035596 2023-491707-DEC-120916 2023-497063-DEC-122037
c.	Environmental Quality Board				
d.	Department of Natural Resources				
e.	State Historic Preservation Office	\boxtimes			03-09-23-04
f.	U.S. Army Corps of Engineers				
g.	U.S. Coast Guard				
h.	Other (s) (specify)				

CERTIFICATION

I CERTIFY THAT Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-00855) is consistent with the Puerto Rico Coastal Zone Management Program, and that to the best of my knowledge the above information is true.

Angel López-Guzmán

Name (legible) Deputy Director, Permits and Environmental Compliance Division Disaster Recovery Office, PRDOH Position

Ange

Signature Feb. 29,2024

Date



January 3, 2023



MEMORANDUM

	PROJECT INFORMATION				
Project:	For Mayagüez Terrace Urban Sector (RFP 2022- PR-CRP-000855)				
Address:	Mayagüez Terrace Urban Sector, Mayagüez, PR, 00682				
Owner:	Municipio Autonomo de Mayagüez				
Use:	Residential / Public-Recreational / Commercial				
Calification:	029 (Vigencia: February 24, 2011)				
Número de Catastro:	233-007-660-01(Public-Recreational Area excluding streets and				
	sidewalks)				
Flood:	X, 0.2% Probable Annual Flood, AE				
Firm Map	72000C0985J (13-04-2018)				
Coordinates:	x: 124366.9646				
	y: 242465.9779				
Estimated area:	Approximately 4,535 linear meters in length of streets. Roads are				
	approximately 24 feet in width length. Sidewalks are approximately				
	3 feet in width length				
	Approximately 11,500 square meters of total area of the basketball				
	park and soccer field.				
Topography:	Цапа 100%				
Designer:	Ing. Manuel Ray Chacón				
License:	8259				

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace





Copyright:© 2013 National Geographic Society, i-cubed

1/5/2024

National Flood Hazard Layer FIRMette



Legend

67°9'13"W 18°13'14"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 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 X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer GENERAL STRUCTURES LIIII Levee, Dike, or Floodwall B 20.2 Cross Sections with 1% Annual Chance AREA OF MINIMAL FLOOD HAZARD 17.5 Water Surface Elevation Puerto Rico Unincorporated Areas Coastal Transect magging Base Flood Elevation Line (BFE) 720000 Limit of Study Jurisdiction Boundary Coastal Transect Baseline _ ---OTHER Profile Baseline 72000C0985J FEATURES Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS 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 2/6/2023 at 12:48 PM and does not Zone AO reflect changes or amendments subsequent to this date and (DEPTH 0.9 Meters) time. The NFHL and effective information may change or become superseded by new data over time. Zone AE This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, (EL 27 Meters) legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 67°8'35"W 18°12'39"N Feet 1:6.000 unmapped and unmodernized areas cannot be used for regulatory purposes. 250 500 1,000 1.500 2.000 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace



12/29/2023

1:4,514 0.04 0.07 0.14 mi n Flood Hazard Area (zoom in to make visible) SFHA / Flood Zone Boundary A-Floodway Limit of Moderate Wave Action (LiMWA) 0.2% Annual Chance Flood Hazard AE-Floodway Streamline (zoom in to make visible) Future Conditions 1% Annual Chance Flood Hazard ---- Flowage Easement Boundary AO 0.05 Flood Hazard Zones Area with Reduced Risk Due to Levee FIRM Panels 0 0.1 0.2 km Coastal A Zone and Floodw AE 1% Appual Chance Flood Hazard Zone/BFE Boundary Area with Risk Due to Levee FEMA, Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, 🧾 Regulatory Floodway Flood Hazard Boundaries Coastal A Zone Flood Hazard Extent SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census VE 1% Annual Chance Flood Special Floodway ____ Limit Lines 0.2% Annual Chance Flood Zone 0.2% Annual Chance Flood Area of Undetermined Flood Hazard NP ArcGIS Web AppBuilder

FEMA | Maxar | Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau |



U.S. Fish and Wildlife Service National Wetlands Inventory

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace



October 15, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

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

Lake Other Riverine

Project Site

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



PO Box 9023772, San Juan, PR 00902 – 3772 Off. (787) 979-9982 Cel. (787) 375-5770 www.3mg-pr.com

LOCATION MAP

AEREAL PHOTO



ZONING MAP

FLOODING MAP



Project Description

The Municipality of Mayagüez is proposing this project for improvements to the Infrastructure of the Mayagüez Terrace Urban Sector. This project will be part of the CDBG- DR City Revitalization Program. The Mayagüez Terrace Urban Sector is one of the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is a 0.2 square kilometers urban



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area with approximately 560 residential properties and 12 streets. Additionally, it is a sector with a high level of commercial and recreational activities for local communities.

This project aims to enhance the lives of residents, property owners and the experience of visitors by improving the infrastructure.

To address the main problems that have been identified in the community, the Municipal Administration has established the following scope of work:

- Reconstruction of sidewalks and ramps for the disabled in compliance with the ADA Law.
- Reparation and repaving of street surfaces.
- Construction of areas to locate containers for solid waste.
- Replacement of street lighting.
- Installation of traffic control street signs.
- Improving of recreational areas (basketball court and soccer field).
- Improving of stormwater management systems, by cleaning and flushing and probable retainage of storm water to allow slow seepage of rainfall.
- Improving of the condition and architecture of the urbanization main entrance.
- Police outpost.

Reforestation activities and/or the implementation of green initiatives will be considered when designing the improvements in infrastructure. All works include civil, structural & MEP design as required, by specialized, certified personnel, and will be designed following all applicable building codes.

End of Brief

Resumen del Permiso

Determinación de Cumplimiento Ambiental Vía Exclusión Categórica - 2023-491707-DEC-120916

Fecha de Expedición: 06/14/2023 1:52 PM

Fecha de Expiración: 06/14/2024 1:52 PM

Proyecto

Nombre del Proyecto	Mayagüez Terrace Urban Sector (RFP 2022- PR-CRP-000855)
Tipo de Zona	Urbano

🕈 Localización

Número de Catastro	233-007-660-01
Dirección Física	Calle II De Agosto Mayagüez, Puerto Rico 00680
Coordenadas	18.21568125,-67.14837171 (http://www.google.com/maps/place/ 18.21568125,-67.14837171)
Municipio	Mayagüez
Zona o Sitio Histórico	Νο
Zona Inundable	X
Calificación	UP
Clasificacion	N/A

💄 Dueño del Proyecto

Nombre

MUNICIPIO DE MAYAGUEZ

Tipo de Trámite

Tipo de Determinación de Cumplimiento Ambiental Vía Exclusión Nuevo Categórica

Datos del Permiso

Tipo de Solicitud

Atributos del Establecimiento

Cantidad de Plantas

Área de Construcción

p²

Materiales de Construcción

Registro de Comerciante

Cumplimiento Ambiental

Exclusión(es) Categórica(s)

Esta(s) corresponde al listado de Exclusiones Categóricas Vigente: OA-2021-02 del DRNA

Liencias y Certificaciones Aprobadas

Trámites Asociados al Proyecto

Número de Permiso	Estado Actual
2023-491707-PCOC-035596 (/Applications/Externo/Resumen?idTramite=5e9b93e2-49e4-475c-b98c- 6a08f3e11559)	En Espera
2023-491707-DEC-120916 (/Applications/Externo/Resumen?idTramite=a82e97fb-e128-4bf4-bf3f-aae0aeea151d)	Aprobado

Resumen del Permiso

Permiso Construcción Consolidado - 2023-491707-PCOC-035596

Fecha de Expedición: 07/07/2023 3:28 PM

Fecha de Expiración: N/A

Proyecto

Nombre del Proyecto	Mayagüez Terrace Urban Sector (RFP 2022- PR-CRP-000855)
Tipo de Zona	Urbano

🕈 Localización

Número de Catastro	233-007-660-01
Dirección Física	Calle II De Agosto Mayagüez, Puerto Rico 00680
Coordenadas	18.21568125,-67.14837171 (http://www.google.com/maps/place/ 18.21568125,-67.14837171)
Municipio	Mayagüez
Zona o Sitio Histórico	No
Zona Inundable	X
Calificación	UP
Clasificacion	N/A

💄 Dueño del Proyecto

Nombre

MUNICIPIO DE MAYAGUEZ

Tipo de Trámite

Tipo de Permiso Construcción Consolidado

Nuevo

Datos del Permiso

Tipo de Solicitud

Atributos del Establecimiento

Cantidad de Plantas

Área de Construcción

p²

Materiales de Construcción

Registro de Comerciante

Cumplimiento Ambiental

Exclusión(es) Categórica(s)

Esta(s) corresponde al listado de Exclusiones Categóricas Vigente: OA-2021-02 del DRNA

Liencias y Certificaciones Aprobadas

Trámites Asociados al Proyecto

Número de Permiso	Estado Actual
2023-491707-PCOC-035596 (/Applications/Externo/Resumen?idTramite=5e9b93e2-49e4-475c-b98c- 6a08f3e11559)	En Espera
2023-491707-DEC-120916 (/Applications/Externo/Resumen?idTramite=a82e97fb-e128-4bf4-bf3f-aae0aeea151d)	Aprobado

Resumen del Permiso

Determinación de Cumplimiento Ambiental Vía Exclusión Categórica - 2023-497063-DEC-122037

Fecha de Expedición: 06/26/2023 10:38 AM

Fecha de Expiración: 06/26/2024 10:38 AM

Proyecto

Nombre del Proyecto	Estación de Policía (Retén) y mejoras al parque de la Urb. Mayagüez Terrace RFP 2022- PR-CRP-000855
Tipo de Zona	Urbano
◀ Localización	
Número de Catastro	233-007-660-01
Dirección Física	Calle Jorge Larranaga, Urb. Mayaguez Terrace Mayagüez, Puerto Rico 00682
Coordenadas	18.215665124642115,-67.14822292327881 (http://www.google.com/maps/place/ 18.215665124642115,-67.14822292327881)
Municipio	Mayagüez
Zona o Sitio Histórico	Νο
Zona Inundable	X
Calificación	UP
Clasificacion	N/A

💄 Dueño del Proyecto

Nombre

MUNICIPIO DE MAYAGUEZ

Tipo de Trámite

Tipo de Determinación de Cumplimiento Ambiental Vía Exclusión Nuevo Categórica

Datos del Permiso

Tipo de Solicitud

Atributos del Establecimiento

Cantidad de Plantas

Área de Construcción

p²

Materiales de Construcción

Registro de Comerciante

Cumplimiento Ambiental

Exclusión(es) Categórica(s)

Esta(s) corresponde al listado de Exclusiones Categóricas Vigente: OA-2021-02 del DRNA

Liencias y Certificaciones Aprobadas

Trámites Asociados al Proyecto

 Número de Permiso
 Estado Actual

 2023-497063-DEC-122037 (/Applications/Externo/Resumen?idTramite=f509de91-efd4-4261-af8f-8eb9ce400fe5)
 Image: Comparison of the set of the



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Wednesday, March 29, 2023

Lauren Bair Poche

HORNE - Architectural Historian Manager 10000 Perkins Rowe, Suite 610 Bldg. G Baton Rouge, LA 70810

SHPO: 03-09-23-04 MAYAGÜEZ, PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-000855, MEJORAS A LA INFRAESTRUCTURA DE LA URBANIZACIÓN MAYAGÜEZ TERRACE, MAYAGÜEZ, PUERTO RICO

Dear Ms. Poche,

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

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,

Carly apartir

Carlos A. Rubio-Cancela State Historic Preservation Officer CARC/GMO/LGC/EVR



OFICINA ESTATAL DE CONSERVACIÓN HISTÓRICA OFICINA DEL GOBERNADOR

STATE HISTORIC PRESERVATION OFFICE

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

MAYAGUEZ TERRACE URBAN SECTOR





1

SCALE: 1 1/2" = 1'-0"

Mayagüez

2) FLOOD MAP PANEL 72000C0985J SCALE: 3/16" = 1-0"







(787) 979-9982, Cel (787) 375-5770 www.3mg-pr.com

NOT FOR CONSTRUCTION MAY 5, 2023

N: Background Rescharcon La Schlam, and Holl Weiner Stein Schlam, and Schla

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LIPROJECT: MAYAGÜEZ

MAYAGÜEZ TERRACE URBAN SECTOR, MAYAGÜEZ P.R. 00662 2022-PR-CRP-000855 SHEET TILLE: TITLE SHEET

PICAT: 60% DRAWINGS EXPERT MARCH, 2022 SCATE AS SHOWN DRAWTHE AS SHOWN PROTECT HAM. A0.00















2 NORTH EAST PERSPECTIVE

(1)

SOUTH PERSPECTIVE SCALE: 3" = 11-0"







OWNER

3mg, PSC P.O. Box 9023772 San Juan, PR 009002-3772 (787) 979-6982, Cel (787) 375-5770 www.3mg-pr.com

60% DESIGN DEVELOPMENT NOT FOR CONSTRUCTION MAY 5, 2023



cinc: Constants and welly all dimensions to the job and dimensions on extensions below the second mensions on extensions below the second mensions on extensions below the second planning and any other dimensions that the planning and any other dimensions that the mensions of the second the second the second mensions and the second t

NULFROMEINS

MAYAGÜEZ MAYAGÜEZ TERRACE URBAN SECTOR, MAYAGÜEZ PR. 00682 2022 PR-CRP-000855 Jener Tirle. 30 RENDERINGS

141E 60% DRAWINGS SUE DATE: MARCH, 2022

AND BE REVERDED

Exhibit 7 Contamination and Toxic Substances Map

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace Mayagüez Terrace Urban Sector, Mayagüez, PR 00682 Central Coordinates 18.215681, -67.148371





Detailed Facility Report

Facility Summary

GABSI, INC.

739 LOS INGENIEROS, MAYAGUEZ, PR 00682

FRS (Facility Registry Service) ID: 110067377074 EPA Region: 02 Latitude: 18.22423 Longitude: -67.153675 Locational Data Source: FRS Industries: --Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	Terminated Permit
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 Terminated; Compliance Tracking Off (PRR053268)

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

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110067377074					Ν	18.22423	-67.153675
ICIS- NPDES	CWA	PRR053268	Non-Major: General Permit Covered Facility	Terminated; Compliance Tracking Off	Industrial Stormwater	06/03/2020	Ν	18.222169	-67.165989

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110067377074	GABSI, INC.	739 LOS INGENIEROS, MAYAGUEZ, PR 00682	
ICIS-NPDES	CWA	PRR053268	GABSI, INC.	739 LOS INGENIEROS, MAYAGUEZ, PR 00682	Mayagüez Municipio

Facility NAICS (North American

Industry Classification System) Codes

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description	
ICIS-NPDES	PRR053268	4491	Marine Cargo Handling		No	data records return	hed	
Facilit	y Industria	al Efflu	ent Guidelines	Facilit		nformatio		
Identifier Effluent Guideline (40 CFR Part) Effluent Guideline Description				Reservation	Name Tribe N	Iame EPA Tribal ID	Distance to Tribe (miles)	
	No dat	a records ret	urned	No data records returned				

Enforcement and Compliance

Comp	liance N	Ionito	ring Histor	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
CWA	PRR053268	No	12/31/2023	0	04/26/2024

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	QTR 13+
CW	A (Source ID: PRR053268)	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	01/01- 04/26/24
	Facility-Level Status	Terminated Permit												
	Quarterly Noncompliance Report History													

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

For	mal	Enfo	orce	men	t Ao	ction		ast 5 Years							
Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
								No da	ata records ref	turned					

Environmental Conditions

Watersheds

12-Digit WBD (Watershed	WBD (Watershed Boundary Dataset)	State Water Body Name (ICIS	Beach Closures	Beach Closures	Pollutants Potentially	Watershed with ESA
Boundary Dataset) HUC (RAD	Subwatershed Name (RAD (Reach	(Integrated Compliance	Within Last	Within Last Two	Related to	(Endangered Species Act)-
(Reach Address Database))	Address Database))	Information System))	Year	Years	Impairment	listed Aquatic Species?
210100030302	Quebrada del Oro	MAYAGUEZ BAY	No	No	Coliform, fecal general	Yes

Assessed Waters From Latest State Submission (ATTAINS)

Sta	e 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
P	2020	PRWQ80A	QUEBRADA DEL ORO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information		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 da	ata records returned
CWA (Clean Water Act) Discharge Mo (DMR) Pollutant Loadings	DMR and TRI Multi-Year Loading Report
NPDES ID	Description
No da	ata 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
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Related Reports

Index Type Supplemental (default) EJScreen Community Report

					Downlo	oad Data	
Census Block Group ID: 720970815222	US (Percentile)		State (Percentile)			
Supplemental Indexes	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	3	8	10	1	1	9	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	11	33	71	39	63	9 96	
Air Toxics Cancer Risk	47	62	99	21	0	9 99	
Air Toxics Respiratory Hazard Index	74	84	9 94	97	97	99	
Toxic Releases to Air	93	9 99	99	53	80	98	
Traffic Proximity	91	98	9 99	44	76	99	
Lead Paint	49	9 95	9 99	21	65	9 99	
Risk Management Plan (RMP) Facility Proximity	89	9 99	99	42	80	98	
Hazardous Waste Proximity	69	90	98	22	50	79	
Superfund Proximity	83	9 96	9 99	26	45	71	
Underground Storage Tanks (UST)	0	97	9 99	0	78	99	
Wastewater Discharge	96	9 99	99	51	77	95	

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)

416 (13.24%)

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#demographics.

General Statistics (U.S. Census)	
Total Persons	10,989
	·
Population Density	3,853/sq.mi.
Housing Units in Area	5,260
General Statistics (ACS (American Community Survey))	
Total Persons	9,048
Percent People of Color	99%
Households in Area	3,140
Households on Public Assistance	138
Persons With Low Income	7,027
Percent With Low Income	80%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.22423
Center Longitude	-67.153675
Land Area	94%
Water Area	6%
Income Breakdown (ACS (American Community Survey))	- Households (%)
Less than \$15,000	1,531 (48.73%)
\$15,000 - \$25,000	475 (15.12%)
\$25,000 - \$50,000	547 (17.41%)
\$50,000 - \$75,000	173 (5.51%)

Greater than \$75,000

Age Breakdown (U.S. Census) - Persons (%)					
Children 5 years and younger	445 (4%)				
Minors 17 years and younger	1,879 (17%)				
Adults 18 years and older	9,109 (83%)				
Seniors 65 years and older	1,817 (17%)				
Race Breakdown (U.S. Census) - Persons (%)					
White	8,641 (79%)				
African-American	772 (7%)				
Hispanic-Origin	10,819 (98%)				
Asian/Pacific Islander	71 (1%)				
American Indian	35 (0%)				
Other/Multiracial	1,471 (13%)				
Education Level (Persons 25 & older) (ACS (American Commu	nity Survey)) - Persons (%)				
Less than 9th Grade	497 (10.4%)				
9th through 12th Grade	312 (6.53%)				
High School Diploma	1,045 (21.86%)				
Some College/2-year	530 (11.09%)				
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,090 (43.71%)				



STATE ROAD PR 64, KM 1.2, MAYAGUEZ, PR 00682

FRS (Facility Registry Service) ID: 110071220124 EPA Region: 02 Latitude: 18.22297 Longitude: -67.16582 Locational Data Source: NPDES Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Clean Air Act (CAA): No Information Clean Water Act (CWA): Non-Major, Permit Effective (PRNOEJ01R) Greenhouse Gas Emissions (eGGRT): No Information Resource Conservation and Recovery Act (RCRA): No Toxic Releases (TRI): No Information Information **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		110071220124					N	18.22297	-67.16582

System	Statute	Identifier		Universe	Status	Areas	Permit Expiration Da	te Indian Country	Latitude	Longitu		
ICIS-NPDES	CWA	PRNOEJ01R	Non-Major:	General Permit Covered Facility	Effective	Industrial Stormwater	03/01/2027	Ν	18.22297	-67.1658		
Facili	ity A	ddres	S									
System	Sta	atute I	dentifier	Facility Name		Faci	lity Address		Facility C	ounty		
FRS		110	071220124	UPS MAYAGUEZ FACILITY	STATE	E ROAD PR 64, KM 1.2, MA	YAGUEZ, PR 00682	Мау	agüez Munic	ipio		
ICIS-NPDE	ES C	CWA P	RNOEJ01R	UPS MAYAGUEZ FACILITY	STATE	STATE ROAD PR 64, KM 1.2, MAYAGUEZ, PR 00682						
Class	ifica	ation)	Code		Ι	Industry (Codes	•			•		
System		lentifier	SIC Code	SIC Description	•	Jules						
ICIS-NPDE	S PR	NOEJ01R	4215	Courier Services, Except By Air	_	System Iden	entifier NAICS Code		NAICS Description			
Facili	ity Iı	ndust	rial Ef	ffluent			No data record	s returned				
Guide	eline	es			I	Facility T	ibe Infor	mation				
dentifier	Efflue	Effluent Guideline (40 CFR Part)		Effluent Guideline Descript	tion	Reservation Name	Tribe Name EPA	ribal ID Dista				
		No dat	a records	returned			No data record	s returned				
		t and Co ICE M (ring History	Last 5 Y	/ears						
		nce Mo	onito	ring History [/ears	Lead Agency	Date Findi	ng (if applic	:able)		

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/compliance/compliance-monitoring-programs activities or because they are not counted as inspections within EPA's Annual Results 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/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
CWA	PRNOEJ01R	No	06/30/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Statute Program/Pollutant/Violation Type		QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
cw	A (Source ID: PRNOEJ01R)	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	07/01- 10/11/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History													
Info	Informal Enforcement Actions Last 5 Years													

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

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

Formal Enforcement Actions	st 5
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	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
--	---------	--------	-----------------	--------------	-------------------	-------------	----------------	--------------	--------------------------	-------------------------	----------------------------	--------------------------------	-------------------------------------	--------------------------------	--------------	------------------------

Years

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	undary Dataset) HUC (RAD Dataset) Subwatershed Name		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?
210100030302	Quebrada del Oro		No	No		Yes

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	2022	PRWQ80A	QUEBRADA DEL ORO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information		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	Year	Air	Surface Water	Off-Site Transfers to POTWs (Publicly Owned	Disposal to	Total On-Site	Total Off-Site				
ID		Emissions	Discharges	Treatment Works)	Land	Releases	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

NPDES ID

DMR and TRI Multi-Year Loading Report

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data

		1
		1

					Downie	bad Data	
Census Block Group ID: 720970815232	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	10	8	10	2	2	9	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	0	12	71	12	30	96	
Air Toxics Cancer Risk	99	96	99	99	97	99	
Air Toxics Respiratory Hazard Index	91	88	94	98	97	99	
Toxic Releases to Air	99	99	99	88	84	98	
Traffic Proximity	98	98	99	73	71	99	
Lead Paint	90	91	99	57	58	99	
Risk Management Plan (RMP) Facility Proximity	99	98	99	79	75	98	
Hazardous Waste Proximity	90	88	98	47	43	79	
Superfund Proximity	97	96	99	47	44	71	
Underground Storage Tanks (UST)	99	92	99	88	64	99	
Wastewater Discharge	99	99	99	87	81	9 95	

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 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 ACS census block groups 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 (ACS (American Community S	urvey))	Age Breakdown (ACS (American Community Survey)) - Perso	ns (%)			
Total Persons	5,443	Children 5 years and younger	256 (5%)			
Population Density	3,233/sq.mi.	Minors 17 years and younger	861 (16%)			
Housing Units in Area	2,550	Adults 18 years and older	4,582 (84%)			
Percent People of Color	99%	Seniors 65 years and older	1,056 (19%)			
Households in Area	1,994		(6))			
Households on Public Assistance	63	Race Breakdown (ACS (American Community Survey)) - Persons (%)				
Persons With Low Income	4,444	White	1,075 (20%)			
Percent With Low Income	82%	African-American	0 (0%)			
		Hispanic-Origin	5,395 (99%)			
Geography		Asian	0 (0%)			
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)			
Center Latitude	18.22297	American Indian	0 (0%)			
Center Longitude	-67.16582	Other/Multiracial	3,634 (67%)			
and Area	54%					
Water Area	46%	Education Level (Persons 25 & older) (ACS (American Commu (%)	nity Survey)) - Persons			
ncome Breakdown (ACS (American Community	Survey)) - Households (%)	Less than 9th Grade	421 (12.72%)			
ess than \$15,000	826 (41.4%)	9th through 12th Grade	281 (8.49%)			
\$15,000 - \$25,000	471 (23.61%)	High School Diploma	708 (21.4%)			
\$25,000 - \$25,000	411 (20.6%)	Some College/2-year	465 (14.05%)			
		B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,159 (35.03%			
\$50,000 - \$75,000	88 (4.41%)					
Greater than \$75,000	199 (9.97%)					

ECHQ Detailed Facility Report

Facility Summary FEDERACION ASOCIACIONES PECUARIAS DE PUERTO RICO

STATE ROAD PR-64, MAYAGUEZ, PR 00681

FRS (Facility Registry Service) ID: 110055237435 EPA Region: 02 Latitude: 18.2232 Longitude: -67.169 Locational Data Source: NPDES Industries: --Indian Country: N

Enforcement and Compliance Summary

Statute	CWA		
Compliance Monitoring Activities (5 years)	-		
Date of Last Compliance Monitoring Activity	06/22/2017		
Compliance Status	Significant/Category I Noncompliance		
Qtrs in Noncompliance (of 12)	12		
Qtrs with Significant Violation	8		
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 Pending (PRR05C039), Non-Major, Permit Effective (PRR053199), Non-Major, (PRU304006)

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	dentifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110055237435					Ν	18.2232	-67.169
ICIS-NPDES	CWA	PRR05C039	Non-Major: General Permit Covered Facility	Pending	Industrial Stormwater		N	18.222778	-67.168611
ICIS-NPDES	CWA	PRR053199	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.2232	-67.169
ICIS-NPDES	CWA	PRU304006	Non-Major: Unpermitted Facility				Ν	18.222778	-67.168611

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 Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110055237435	FEDERACION ASOCIACIONES PECUARIAS DE PUERTO RICO	STATE ROAD PR-64, MAYAGUEZ, PR 00681	
ICIS-NPDES	CWA	PRR05C039	FEDERACIÓN DE ASOCIACIONES PECUARIAS DE PUERTO RICO, INC.	MALECÓN ZONA PORTUARIA, MAYAGUEZ, PR 00681	Mayagüez Municipio
ICIS-NPDES	CWA	PRR053199	FEDERACION ASOCIACIONES PECUARIAS DE PUERTO RICO	STATE ROAD PR-64, MAYAGUEZ, PR 00681	Mayagüez Municipio
ICIS-NPDES	CWA	PRU304006	FEDERACIÓN DE ASOCIACIONES PECUARIAS DE PUERTO RICO, INC.	MALECÓN ZONA PORTUARIA, MAYAGUEZ, PR 00681	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

				•						
System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description			
ICIS-NPDES	PRR053199	2048	Prepared Feeds	No data records returned Facility Tribe Information						
acility	Industrial Ef	fluent Gu	udelines							
Identifier	Effluent Guideline (40 CFR	Part) E	ffluent Guideline Description	Reservation Na	ame Tribe N	ame EPA Tribal ID	Distance to Tribe (miles)			
	No data re	ecords returned		No data records returned						
Enforceme	nt and Complianc	e								
Compliance Monitoring History Last 5 Years										
Statute	Source ID System	Activity Ty	oe 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
CWA	PRR05C039	No	06/30/2024	0	10/11/2024
CWA	PRR053199	Yes	06/30/2024	12	10/11/2024
CWA	PRU304006	Νο	06/30/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/V Type	iolation	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 1
cw/	A (Source ID: PRR05C0	39)	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	10/01-12/3
	Facility-Level Sta	itus	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applie				
	Quarterly Noncompliance Report History MA (Source ID: PRR053199) Facility-Level Status Quarterly Noncompliance Report History											
cw			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/
			Violation Identified	Violation Identified	Violation Identified	Violation Identified	Significant/Category I Noncompliance	Significant/C I Noncomp				
			Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Failure to Report DMR - Not Received	Failure to F DMR - Not Re				
	Single Event Violations	Agency										
CWA	WW Storm Water Non-Construction - Failure to properly install/implement BMPs	EPA	06/22/2017	-+	-	-	→	→	→		→	-
	Late or Missing Disc Monitoring Report Measurement	(DMR)										
	Counts of Missing DMF Measurements	2			2	2	2	2	2	2	2	2
CW/	A (Source ID: PRU3040	06)	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/:
	Facility-Level Status		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applic				

Statute	Program/Pollutant Type	/Violation	QTR 1		QTR 2	QTR	3 QT	R4	QTR 5	QTR 6		QTR 7	QTR 8		QTR 9	QTI
	Quarterly Noncor Report Hist															
Info	ormal Er	nforc	emer	nt A	ction	Las	st 5 Years									
	Statute		System			Source II	D		Type of A	Action		Le	ad Agency			Date
	in italics are no mal Enfe					nt actior Last 5		olicies pertai	ning to en	forcement res	sponse t	ools.				
Statute	System Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ Filed Date	Settlements/ Actions	Settle Action		al Penalty sessed	State/ Local Per Assessed		Amount ected	SEP Value	Comp Action Cost
							No	data records	sreturneo	4						

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?
210100030302	Quebrada del Oro	MAYAGUEZ BAY	No	No		Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit D	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2022	PRWQ80A	QUEBRADA DEL ORO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information		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 ret	urned	

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 c	data records returned
CWA (Clean Water Act) Discharge Monit Pollutant Loadings	oring Report (DMR) 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

Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type	Supplemental (default)
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EJScreen Community Report

					Downlo	oad Data
Census Block Group ID: 720970815232	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	10	8	10	2	2	5
Particulate Matter 2.5	-	N/A			N/A	
Ozone	-	N/A			N/A	
Diesel Particulate Matter	0	3	63	12	17	91
Air Toxics Cancer Risk	99	98	99	99	98	99
Air Toxics Respiratory Hazard Index	91	90	9 94	98	98	99
Toxic Releases to Air	99	99	99	88	88	98
Traffic Proximity	98	97	99	73	68	94
Lead Paint	90	90	99	57	56	92
Risk Management Plan (RMP) Facility Proximity	99	98	99	79	74	92
Hazardous Waste Proximity	90	88	96	47	43	64
Superfund Proximity	97	9 96	99	47	44	59
Underground Storage Tanks (UST)	99	87	99	88	63	97
Wastewater Discharge	99	99	99	87	85	95

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)

322 (21.2%)

66 (4.34%)

123 (8.1%)

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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	4,241
Population Density	3,127/sq.mi.
Housing Units in Area	1,935
Percent People of Color	100%
Households in Area	1,520
Households on Public Assistance	38
Persons With Low Income	3,585
Percent With Low Income	85%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.2232
Center Longitude	-67.169
Land Area	43%
Water Area	57%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	614 (40.42%)
\$15,000 - \$25,000	394 (25.94%)
213,000-223,000	394 (Z3.9470)

\$25,000 - \$50,000

\$50,000 - \$75,000

Greater than \$75,000

Age Breakdown (ACS (American Community Survey)) - Persons (۹	6)
Children 5 years and younger	202 (5%)
Minors 17 years and younger	653 (15%)
Adults 18 years and older	3,586 (85%)
Seniors 65 years and older	839 (20%)
Race Breakdown (ACS (American Community Survey)) - Persons (%)
White	902 (21%)
African-American	0 (0%)
Hispanic-Origin	4,211 (99%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	2,690 (63%)
Education Level (Persons 25 & older) (ACS (American Community	Survey)) - Persons (%)
Less than 9th Grade	378 (14.37%)
9th through 12th Grade	242 (9.2%)
High School Diploma	547 (20.8%)
Some College/2-year	402 (15.29%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	827 (31.44%)

ECHQ

Detailed Facility Report

Facility Summary

PREPA MAYAGUEZ GAS TURBINES POWER PLANT

MALECON AVE & PR-3341, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110000580675

EPA Region: 02

Latitude: 18.219212

Longitude: -67.159515

Locational Data Source: FRS

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	2
Date of Last Compliance Monitoring Activity	05/23/2023
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)	

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	06/30/2022
Compliance Status	-
Qtrs in Noncompliance (of 12)	-
Qtrs with Significant Violation	-
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)	-
Statute	RCRA
Statute Compliance Monitoring Activities (5 years)	RCRA
Compliance Monitoring Activities (5 years)	
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity	 09/17/2010
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status	 09/17/2010 No Violation Identified
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12)	 09/17/2010 No Violation Identified 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation	 09/17/2010 No Violation Identified 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years)	 09/17/2010 No Violation Identified 0 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years)	 09/17/2010 No Violation Identified 0 0

Regulatory Information

Clean Air Act (CAA): Operating Major (PR0000007209700008)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD987379856), Active SQG, (PRR000018366)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): 15515011

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 00680MYGZGMALEC

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

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000580675					Ν	18.219212	-67.159515
ICIS		2600002477					Ν	18.221389	-67.16
ICIS		1800045002					Ν	18.247972	-67.152727
ICIS		7425980					Ν	18.247972	-67.152727
ICIS		2775526					Ν	18.219212	-67.159515
ICIS		6685615					Ν	18.247972	-67.152727
ICIS-Air	CAA	PR0000007209700008	Major Emissions	Operating	CAAGACTM, CAANSPS, CAASIP, CAATVP		Ν	18.219212	-67.159515
EIS	CAA	15515011					Ν	18.2195	-67.1606
TRI	EP313	00680MYGZGMALEC	Toxics Release Inventory	Last Reported for 2022			Ν	18.219212	-67.159515
RCRAInfo	RCRA	PRD987379856	Other	Inactive ()			Ν	18.247972	-67.152727
RCRAInfo	RCRA	PRR000018366	SQG	Active (H)			Ν	18.21931	- 67.15994

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000580675	PREPA MAYAGUEZ GAS TURBINES POWER PLANT	MALECON AVE & PR-3341, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		2600002477	MAYAGUEZ GENERATING STATION	P.R. ROUTE NO.64, EL MALECON, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		1800045002	PUERTO RICO ELECTRIC POWER AUTH	ROAD 3341 ZONA PORTUARIA, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		7425980	PREPA MAYAGUEZ GENERATING STATION	ROAD 3341 & MALECON AVENUE, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		2775526	PREPA-GAS TURBINE	MALECON AVE & PR-3341, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		6685615	PREPA GAS TURBINES-MAYAGUEZ	MALECON AVENUE-ZONA PORTUARIA, MAYAGUEZ, PR 00630	Mayagüez Municipio
ICIS-Air	CAA	PR0000007209700008	PREPA MAYAGUEZ GAS TURBINE POWER BLOCK	CARRETERA PR 3341, AVE. JOSE GONZALEZ CLEMENTE, MAYAGUEZ, PR 00680	Mayagüez Municipio
EIS	CAA	15515011	PREPA MAYAGUEZ	PR-3341, JOSE GONZALEZ CLEMENTE AVE, MAYAGUEZ, PR 00680	Mayagüez Municipio
TRI	EP313	00680MYGZGMALEC	MAYAGUEZ GAS TURBINES POWER PLANT	MALECON AVE, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRD987379856	PUERTO RICO ELECTRIC POWER AUTH	MALECON AVE E AT INTERSECTION, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000018366	PREPA - MAYAGUEZ GAS TURBINES	RD PR 3341 EL MALECON, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007209700008	4911	Electric Services

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00680MYGZGMALEC	221112	Fossil Fuel Electric Power Generation
TRI	00680MYGZGMALEC	221119	Other Electric Power Generation
TRI	00680MYGZGMALEC	221121	Electric Bulk Power Transmission and Control
TRI	00680MYGZGMALEC	221122	Electric Power Distribution
EIS	15515011	221112	Fossil Fuel Electric Power Generation

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007209700008	221112	Fossil Fuel Electric Power Generation
RCRAInfo	PRR000018366	22111	Electric Power Generation

Facility Tribe Information

Tribe Name

Reservation Name

Distance to Tribe (miles)

No data records returned

EPA Tribal ID

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	05/23/2023	
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	11/17/2022	Reviewed: 12/08/2022 Facility Reported No Deviations
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	11/15/2022	
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	FCE On-Site	EPA	09/02/2021	
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	03/10/2021	
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	05/06/2020	
CAA	PR0000007209700008	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	05/06/2020	
CWA	R2-PR-00014	ICIS (OIL)	Inspection/Evaluation	Evaluation	EPA	06/30/2022	

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/compliance/compliance-monitoring-programs activities or because they are not counted as inspections within EPA's Annual Results https://www.epa.gov/compliance/complian

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
CAA	PR0000007209700008	No	04/27/2024	0	04/26/2024
RCRA	PRD987379856	No	04/27/2024	0	04/26/2024
RCRA	PRR000018366	No	04/27/2024	0	04/26/2024

Three-Year Compliance History by Quarter

Statute	Progra	am/Pollu	tant/Violati	on 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
CA	A (Source l	D: PR00	0000720970	0008)	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- 12/31/2:	01/0 3 03/31	
		Facility	-Level Statu	S	No Violation Identified	No Violatior Identifie		ion Violatic								
	HPV History															
	Violation Type Programs Pollutants															
Statute	re Program/Pollutant/Violation QTR 1			QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR	8 QTF	19 QTI	R 10 Q	TR 11	QTR 12+	
RCRA (Source ID: PRD987379856) 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 2 03/31/2	•				1/01- /31/24	04/01- 06/30/24		
				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified				on Viola	tion Viola		No olation entified	No Violation Identified
	Violati	on	Agency													

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 (RCRA (Source ID: PRR000018366)			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-Lev	vel Status	No Violation Identified											
	Violation	Agency												

Informal Enforcement Actions	Last 5 Years
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		L			
Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP 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 Wa	aters From Lat	est State Sul	omissi	on (AT'	FAINS)	

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

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 Air Pollutant Report TRI Pollution Prevention Report 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
00680MYGZGMALEC	2022	105		0			105	0
00680MYGZGMALEC	2021	83		0			83	0

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
00680MYGZGMALEC	2020	113		0			113	0
00680MYGZGMALEC	2019	38		0			38	0
00680MYGZGMALEC	2018	52		0			52	0
00680MYGZGMALEC	2017	59		0			59	0
00680MYGZGMALEC	2016	22		0			22	0
00680MYGZGMALEC	2015	54		0		0	54	0
00680MYGZGMALEC	2014	70		0		0	70	0
00680MYGZGMALEC	2013	54		0		0	54	0

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

Chemical Name	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Naphthalene	А	А	А	А	А	А	А	А	А	А
Polycyclic aromatic compounds	105	83	113	38	52	59	22	54	70	54

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 1/27/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000018366	Hazardous Waste	27			
PRR000018366	Acute Hazardous Waste	0			
PRR000018366	Pharmaceutical Hazardous Waste	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

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Census Block Group ID: 720970815232					Downlo	oad Data
	US (Percentile)		State	(Percentile)	
Supplemental Indexes	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	10	8	10	2	2	9
Particulate Matter 2.5		N/A			N/A	
Dzone		N/A			N/A	
Diesel Particulate Matter	0	37	71	12	63	96
ir Toxics Cancer Risk	99	81	9 9	99	97	99
ir Toxics Respiratory Hazard Index	91	84	9 94	98	97	99
oxic Releases to Air	99	99	D 99	88	82	98
raffic Proximity	98	9 99	D 99	73	84	99
ead Paint	90	97	99	57	75	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	79	84	98
lazardous Waste Proximity	90	92	9 8	47	53	79
uperfund Proximity	97	97	D 99	47	48	71
Inderground Storage Tanks (UST)	99	9 99	D 99	88	83	99
Vastewater Discharge	99	99	9 9	87	79	95

○ Facility 1-mile Radius □ Facility Census Block Group

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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) - Person
Total Persons	8,719	Children 5 years and younger
Population Density	4,351/sq.mi.	Minors 17 years and younger
Housing Units in Area	4,384	Adults 18 years and older
General Statistics (ACS (American Community	Survey))	Seniors 65 years and older
Total Persons	8,244	Race Breakdown (U.S. Census) - Persor
Percent People of Color	99%	White
Households in Area	2,933	African-American
Households on Public Assistance	154	Hispanic-Origin
Persons With Low Income	6,737	Asian/Pacific Islander
Percent With Low Income	83%	American Indian
Geography		Other/Multiracial
Radius of Selected Area	1 mi.	Education Level (Persons 25 & older) (/
Center Latitude	18.219212	(%)
Center Longitude	-67.159515	Less than 9th Grade
Land Area	71%	9th through 12th Grade
Water Area	29%	High School Diploma
		Some College/2-year
Income Breakdown (ACS (American Communit	y Survey)) - Households (%)	B.S./B.A. (Bachelor of Science/Bachelor of
Less than \$15,000	1,471 (50.17%)	
\$15,000 - \$25,000	516 (17.6%)	
\$25,000 - \$50,000	504 (17.19%)	
\$50,000 - \$75,000	143 (4.88%)	
Greater than \$75,000	298 (10.16%)	

384 (4%)
1,549 (18%)
7,170 (82%)
1,441 (17%)
6,773 (78%)
718 (8%)
8,601 (99%)
46 (1%)
27 (0%)
1,154 (13%)
n Community Survey)) - Persons
515 (11.46%)
324 (7.21%)

9th through 12th Grade	324 (7.21%)
High School Diploma	1,087 (24.2%)
Some College/2-year	524 (11.67%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,716 (38.2%)

ECH Detailed Facility Report

Facility Summary PORT OF MAYAGÜEZ

STATE ROAD PR-341 KM 1.5, PUEBLO WARD, MAYAGUEZ, PR 00780

FRS (Facility Registry Service) ID: 110071143975 EPA Region: 02 Latitude: 18.217997 Longitude: -67.159901 Locational Data Source: NPDES Industries: --Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
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): Non-Major, Permit Effective (PRR05J024) Resource Conservation and Recovery Act (RCRA): No Information Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

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		110071143975					N	18.217997	-67.159901

cis-NPDES		PRR05J024	Non-Major: (General Permit Covered Fa	cility Effe	ctive	Industrial Stormwa	**** 0*				
acilit	w Add						industriat stormwe	uer 0.	2/28/2026	N	18.21872	-67.1606
	Ly Aut	lress										
System	Statut	e i der	ntifier	Facility Name			Fac	ility Address			Facility	County
FRS		11007	1143975 P	ORT OF MAYAGÜEZ	STATE ROAD PF	R-341 KM	1.5, PUEBLO WARD	MAYAGUEZ, PR 0	0780		Mayagüez Munic	ipio
ICIS-NPDES	CWA	PRR	05J024 P	ORT OF MAYAGÜEZ	STATE ROAD PF	R-341 KM	1.5, PUEBLO WARD	MAYAGUEZ, PR 0	0780			
	ficati	on) Co		Industrial			acility N lassifica	ation S				-
System		Identifier	SIC Cod	e SIC De	scription		System	Identifier	NAICS Cod	e	NAICS Descript	ion
ICIS-NPDE	ES I	RR05J024	4491	Marine Cargo Hand	ling			No	data records	returned		
acilit	ty Ind	ustria	l Efflu	ıent Guide	lines	Fa	acility T	'ribe In	format	ion		
Identifier	Effluer	t Guideline (4	0 CFR Part)	Effluent Guide	line Description		Reservation Name	e Tribe N	ame EPA Tr	ibal ID D	istance to Tribe	(miles)
		No da	ata records	returned				No	data records	returned		
Enforce		nd Comp										
1 1			iforin	g History	Last 5 Years							
lomp	nance	. 101011		0								

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
CWA	PRR05J024	No	06/30/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Vio	lation	Туре		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: PRR05J	024)			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	07/01- 10/11/24
	Facility-Level St	atus			No Violation Identified		Undetermined										
	Quarterly Noncompliance	Report	History												Resolved		
	Benchmark Threshold Exceedances (No Violation): Pollutant	Disch Point		Freq													
CWA	Aluminum, total recoverable <effluent- charts#prr05j024/01104> https://epa.gov/effluent-charts#prr05j024/01104</effluent- 	001 - Q1	Effluent Gross	NMth			31%	368%	21%			805%			46%		
CWA	Aluminum, total recoverable <effluent- charts#prr05j024/01104> https://epa.gov/effluent-charts#prr05j024/01104</effluent- 	002- Q1	Effluent Gross	NMth				4%	1,182%								

Statute	Program/Pollutant/Vio	lation T	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	QTR 13+
CWA	Zinc, total recoverable <effluent- charts#prr05j024/01094> chttps://epa.gov/effluent- charts#prr05j024/01094></effluent- 	002 - Q1	Effluent Gross	NMth				926%	23%								
	Late or Missing Discharge Monit Measuremen	-	leport (D	MR)													
	Counts of Late DMR Measurements											6					

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
		N -	data waxa ada wata wa		

No data records returned

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

For	mal	Enfo	orce	ment	t Ac	tions	S Las	st 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 c	lata records re	eturned					

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?
210100030302	Quebrada del Oro	MAYAGUEZ BAY	No	No		Yes

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	2022	PRWQ80A	QUEBRADA DEL ORO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information	-	Not Supporting	-

Air Quality Nonattainment Areas

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

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) DMR and TRI Multi-Year Loading Report

Pollutant Loadings

NPDES ID

No data records returned

Description

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

Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

EJScreen Community Report

Index Type

Supplemental (default)

					Downig	Dau Dala
Census Block Group ID: 720970815232	US (Percentile)		State	(Percentile)	
Supplemental Indexes	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	10	8	10	2	2	9
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	0	38	71	12	65	96
Air Toxics Cancer Risk	99	80	99	9 9	97	99
Air Toxics Respiratory Hazard Index	9 91	84	9 94	98	97	99
Toxic Releases to Air	99	9 99	99	88	81	98
Traffic Proximity	98	9 99	99	73	84	99
Lead Paint	90	9 97	99	57	76	99
Risk Management Plan (RMP) Facility Proximity	99	99	99	79	84	98
Hazardous Waste Proximity	90	92	98	47	53	79
Superfund Proximity	97	97	99	47	48	71
Underground Storage Tanks (UST)	99	99	99	88	84	99
Wastewater Discharge	99	99	99	87	79	95

Download Data

Map Display Based on: 🔘 US 🔘 State

Display Map Layer

Summary - Number of Indexes

O Facility 1-mile Radius □ Facility Census Block Group

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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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	8,048
Population Density	4,439/sq.mi.
Housing Units in Area	3,908
Percent People of Color	99%
Households in Area	2,863
Households on Public Assistance	159
Persons With Low Income	6,629
Percent With Low Income	84%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.217997
Center Longitude	-67.159901
Land Area	58%
Water Area	42%
Income Breakdown (ACS (American Community Survey	y)) - Households (%)
Less than \$15,000	1,463 (51.06%)
\$15,000 - \$25,000	503 (17.56%)
\$25,000 - \$50,000	483 (16.86%)
\$50,000 - \$75,000	139 (4.85%)
Greater than \$75,000	277 (9.67%)

Age Breakdown (ACS (American Community Survey)) - Persons (۹	6)				
Children 5 years and younger	333 (4%)				
Minors 17 years and younger	1,314 (16%)				
Adults 18 years and older	6,732 (84%)				
Seniors 65 years and older	1,371 (17%)				
Race Breakdown (ACS (American Community Survey)) - Persons (%)				
White	1,437 (18%)				
African-American	0 (0%)				
Hispanic-Origin	7,989 (99%)				
Asian	2 (0%)				
Hawaiian/Pacific Islander	0 (0%)				
American Indian	0 (0%)				
Other/Multiracial	5,791 (72%)				
Education Level (Persons 25 & older) (ACS (American Community	Survey)) - Persons (%)				
Less than 9th Grade	504 (11.49%)				
9th through 12th Grade	316 (7.21%)				
High School Diploma	1,093 (24.93%)				
Some College/2-year	513 (11.7%)				
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,637 (37.33%)				



Detailed Facility Report

Facility Summary AUTORIDAD DE CARRETERAS Y TRANSPORTACION

PR-102 AVE GONZALEZ CLEMENTE, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110031407939

EPA Region: 02

Latitude: 18.22053

Longitude: -67.15507

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 Other, (PRR000019216)

(CEDRI): 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		110031407939					Ν	18.22053	-67.15507
ICIS		6357846					N	18.204998	-67.151875
RCRAInfo	RCRA	PRR000019216	Other	Inactive ()			N	18.204998	-67.151875

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031407939	AUTORIDAD DE CARRETERAS Y TRANSPORTACION	PR-102 AVE GONZALEZ CLEMENTE, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		6357846	PUERTO RICO TRANSPORTATION AND HIGHWAY AUTHORITY	PR-102, GONZALEZ CLEMENTE AVE, FROM ISIDORO GARCIA, MAYAGUEZ, PR 00666	Mayagüez Municipio
RCRAInfo	RCRA	PRR000019216	AUTORIDAD DE CARRETERAS Y TRANSPORTACION	AVE GONZALEZ CLEMENTE, MAYAGUEZ, PR 00680	Mayagüez Municipio

Classification) Codes

Facility SIC (Standard Industrial Facility NAICS (North American **Industry Classification System)** Codes

System	Identifier	SIC Code	SIC Description	Coues					
	No data	records retu	rned	System	Identifier	N/	AICS Code	NAICS Description	
					No	data re	ecords retur	ned	
				Facility Tribe Information					
				Reservation	Name Tribe	Name	EPA Tribal ID	Distance to Tribe (miles)	

No data records returned

Enforcement and Compliance

Comj	pliance	e Mon	itoring	History	Last 5 Years			
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data rec	cords 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	PRR000019216	No	10/12/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violatio 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: PRR000019216)		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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ 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	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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
	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)								able		

No data records returned

Pollutants

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

Off-Site Transfers to POTWs (Publicly

TRI Facility ID Year Emissions Surface Water Discharges

Owned Treatment Works) Injections

Disposal to Underground 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

Air

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data

					Downie	bad Data
Census Block Group ID: 720970815222	US (Percentile)		State		
Supplemental Indexes	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	3	8	10	1	1	9
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	11	38	71	39	66	9 96
Air Toxics Cancer Risk	47	61	9 99	21	0	9 99
Air Toxics Respiratory Hazard Index	74	84	9 94	97	9 97	9 99
Toxic Releases to Air	93	99	99	53	80	98

○ 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 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 ACS census block groups 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>.

77%

23%

1,685 (50.88%)

507 (15.31%)

558 (16.85%)

180 (5.43%)

382 (11.53%)

General Statistics (ACS (American Community Survey))	
Total Persons	9,444
Population Density	3,929/sq.mi.
Housing Units in Area	4,604
Percent People of Color	99%
Households in Area	3,308
Households on Public Assistance	159
Persons With Low Income	7,528
Percent With Low Income	82%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.22053
Center Longitude	-67.15507

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

Land Area

Water Area

Less than \$15,000

\$15,000 - \$25,000

\$25,000 - \$50,000

\$50,000 - \$75,000

Greater than \$75,000

Age Breakdown (ACS (American Community Survey)) - Persons (%)						
Children 5 years and younger	318 (3%)					
Minors 17 years and younger	1,395 (15%)					
Adults 18 years and older	8,048 (85%)					
Seniors 65 years and older	1,584 (17%)					

Race Breakdown (ACS (American Community Survey)) - Persons (%)						
White	1,712 (18%)					
African-American	0 (0%)					
Hispanic-Origin	9,361 (99%)					
Asian	1 (0%)					
Hawaiian/Pacific Islander	0 (0%)					
American Indian	0 (0%)					
Other/Multiracial	6,897 (73%)					

Education Level (Persons 25 & older) (ACS (American Community Survey)) -
Persons (%)Less than 9th Grade539 (10.85%)9th through 12th Grade329 (6.62%)High School Diploma1,160 (23.34%)Some College/2-year559 (11.25%)B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More2,052 (41.29%)



Detailed Facility Report

Facility Summary PR PUBLIC HOUSING - RES MAR Y SOL

PR-102 INT PR-2 KM 155.1 #4, MAYAGUEZ, PR 00608

FRS (Facility Registry Service) ID: 110012243839 EPA Region: 02 Latitude: 18.22053 Longitude: -67.15507 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

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000014886)

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

Industry Classification System)

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		110012243839					Ν	18.22053	-67.15507
RCRAInfo	RCRA	PRR000014886	VSQG	Active (H)			N	18.217437	-67.156225

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110012243839	PR PUBLIC HOUSING - RES MAR Y SOL	PR-102 INT PR-2 KM 155.1 #4, MAYAGUEZ, PR 00608	Mayagüez Municipio
RCRAInfo	RCRA	PRR000014886	PR PUBLIC HOUSING - RES MAR Y SOL	RD 102 INT RD 2 KM 155.1 #4, MAYAGUEZ, PR 00608	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes	-		-	
	No data	a records retur	ned	System	Identifier	NAICS Code	NAICS Description	
				No data records returned				
				Facilit	y Tribo	e Inform	ation	
				Reservation N	Name Tribe Na	me EPA Tribal ID	Distance to Tribe (miles)	
					No da	ta records retu	rned	

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 rec	cords returned			

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy 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	C		
RCRA	PRR000014886	No	10/12/2024	0	10/11/2024	

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violatior 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: PRR000014886)	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	07/01- 09/30/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC WBD (Watershed Dataset) Subwai (RAD (Reach Address Database))	tershed Name (ICIS (Integrated h Address Compliance Information	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 CycleAssessment Unit IDAssessment Unit NameWater ConditionCause Groups ImpairedDrinking Water UseEcological UseFish Consumption UseRecreation Use												
	No data records returned												
Air Quality Nonattainment Areas													
Polluta	Within Nonattainment Status Nonattainment Status Applicable Within Maintenance Status Maintenance Status Applicable Pollutant Area? Standard(s) Area? 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

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970815222	US (I	Percentile)		State	State (Percentile)		
Supplemental Indexes	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	3	8	10	1	1	9	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	11	38	71	39	66	96	
Air Toxics Cancer Risk	47	61	99	21	0	9 99	
Air Toxics Respiratory Hazard Index	74	84	9 94	97	97	9 99	
Toxic Releases to Air	93	9 99	9 99	53	80	98	
Traffic Proximity	91	D 99	9 99	44	81	9 99	
Lead Paint	49	9 97	9 99	21	73	9 99	
Risk Management Plan (RMP) Facility Proximity	89	D 99	9 99	42	82	9 98	
Hazardous Waste Proximity	69	9 91	98	22	52	79	

Download Data

Census Block Group ID: 7209708152	22 US	US (Percentile)			State (Percentile)			
Supplemental Indexes	Facility Census Block Group	1-mile	Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max	
Superfund Proximity	83	9 97		99	26	46	71	
Underground Storage Tanks (UST)	0	99		99	0	82	99	
Wastewater Discharge	96	99		99	51	78	95	
Map Display Based on:	🔘 us 🔿 :	State						
Display Map Layer Su	ummary - Numł	per of	Ind	lexes				



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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	9,444
Population Density	3,929/sq.mi.
Housing Units in Area	4,604
Percent People of Color	99%
Households in Area	3,308
Households on Public Assistance	159
Persons With Low Income	7,528
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.22053
Center Longitude	-67.15507
Land Area	77%
Water Area	23%

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

Less than \$15,000 \$15,000 - \$25,000	1,685 (50.88%) 507 (15.31%)
\$25,000 - \$50,000	558 (16.85%)
\$50,000 - \$75,000	180 (5.43%)
Greater than \$75.000	382 (11.53%)
Greater than \$75,000	382 (11.53%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	318 (3%)
Minors 17 years and younger	1,395 (15%)
Adults 18 years and older	8,048 (85%)
Seniors 65 years and older	1,584 (17%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	1,712 (18%)
African-American	0 (0%)
Hispanic-Origin	9,361 (99%)
Asian	1 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	6,897 (73%)

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

Persons (%)	
Less than 9th Grade	539 (10.85%)
9th through 12th Grade	329 (6.62%)
High School Diploma	1,160 (23.34%)
Some College/2-year	559 (11.25%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,052 (41.29%)



Detailed Facility Report

Facility Summary MAYAGUEZ AUTO PARTS

COMERCIO ST 83, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110004890351 EPA Region: 02 Latitude: 18.21509 Longitude: -67.1569 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

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRD987381373)

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

Industry Classification System)

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		110004890351					Ν	18.21509	-67.1569
RCRAInfo	RCRA	PRD987381373	VSQG	Active (H)			N	18.215459	-67.157186

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004890351	MAYAGUEZ AUTO PARTS	COMERCIO ST 83, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRD987381373	MAYAGUEZ AUTO PARTS	COMERCIO ST 83, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes	5			
	No data	a records retur	ned	System	Identifier	N	AICS Code	NAICS Description
					No	data re	ecords retur	ned
				Facili	ty Tri	be I	nform	ation
				Reservation	Name Trib	e Name	EPA Tribal ID	Distance to Tribe (miles)
					No	data re	ecords retur	ned

Enforcement and Compliance

Com	pliance	e Mor	itoring	History	Last 5 Years					
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)		
No data records returned										

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy 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	PRD987381373	No	10/12/2024	0	10/11/2024

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: PRD987381373)		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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed WBD (Watershed Boundary Dataset) HUC Boundary Dataset) HUC Dataset) Subwatershed (RAD (Reach Address (RAD (Reach Address Database)) Database))	Name (ICIS (Integrated	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	•			
				No	data records re	turned						
Air Quality Nonattainment Areas												
Pollutar	Within Nonattainment Status Nonattainment Status Applicable Within Maintenance Status Maintenance Status Applicable Pollutant Area? Standard(s) Area? 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

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970802001	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	9	8	10	3	3	10
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	61	44	81	86	71	D 99
Air Toxics Cancer Risk	53	76	99	66	97	9 99
Air Toxics Respiratory Hazard Index	91	85	97	98	97	100
Toxic Releases to Air	99	9 99	99	81	82	98
Traffic Proximity	99	9 99	99	94	88	99
Lead Paint	98	9 99	99	84	83	99
Risk Management Plan (RMP) Facility Proximity	99	99	100	89	86	100
Hazardous Waste Proximity	94	9 93	99	59	56	9 93

Download Data

Census Block Group ID: 720970802001	US (Percentile)		State	(Percentile)	
Supplemental Indexes	Facility Census Block Group		1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Superfund Proximity	98	98	99	51	50	85
Underground Storage Tanks (UST)	99	99	100	95	91	99
Wastewater Discharge	99	99	99	84	79	95
Map Display Based on: (🔵 us 🔿 s	State				
Display Map Layer Sum	mary - Numb	per of In	dexes			



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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	9,076
Population Density	4,845/sq.mi.
Housing Units in Area	4,782
Percent People of Color	100%
Households in Area	3,212
Households on Public Assistance	196
Persons With Low Income	7,481
Percent With Low Income	85%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.21509
Center Longitude	-67.1569
Land Area	60%
Water Area	40%

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

Less than \$15,000	1,764 (54.97%)
\$15,000 - \$25,000	491 (15.3%)
\$25,000 - \$50,000	504 (15.71%)
\$50,000 - \$75,000	169 (5.27%)
Greater than \$75,000	281 (8.76%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	312 (3%)
Minors 17 years and younger	1,344 (15%)
Adults 18 years and older	7,731 (85%)
Seniors 65 years and older	1,556 (17%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	1,639 (18%)
African-American	0 (0%)
Hispanic-Origin	9,020 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	6,632 (73%)

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

Persons (%)	
Less than 9th Grade	573 (11.86%)
9th through 12th Grade	363 (7.51%)
High School Diploma	1,275 (26.39%)
Some College/2-year	569 (11.78%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,743 (36.07%)



Detailed Facility Report

Facility Summary ESSO STANDARD OIL CO PR 302

123 COMERCIO ST, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110012259689 EPA Region: 02 Latitude: 18.21387 Longitude: -67.15625 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

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000014308)

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

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		110012259689					Ν	18.21387	-67.15625
ICIS		600007152					N	18.201111	-67.151944
RCRAInfo	RCRA	PRR000014308	VSQG	Active (H)			N	18.213473	-67.153138

Facility Address

System	Statute	Identifier Facility Name		Facility Address	Facility County
FRS		110012259689	ESSO STANDARD OIL CO PR 302	123 COMERCIO ST, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		600007152	ESSO S/S CO-302	CALLE COMERCIO #123, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000014308	ESSO STANDARD OIL CO PR 302	123 COMERCIO ST, MAYAGUEZ, PR 00680	Mayagüez Municipio

Classification) Codes

System Identifier SIC Code

Facility SIC (Standard Industrial Facility NAICS (North American **Industry Classification System**) Codes

	No data	a records retur	ned	System	Identifie	· I	NAICS Code	NAICS Description	
				No data records returned					
				Facility Tribe Information					
				Reservation	n Name Tri	be Name	EPA Tribal ID	Distance to Tribe (miles)	
		Ν	o data r	ecords retu	rned				
Enforce	ment and C	Compliance	2						

SIC Description

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	PRR000014308	No	10/12/2024	0	10/11/2024

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: PRR000014308)		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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ 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	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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				
	No data records returned													
Air	Air Quality Nonattainment Areas													
Polluta	ant With	in Nonattainment Area?	Status Non	attainment Stat Standarc			enance Status ea?		e Status Applic andard(s)	able				

No data records returned

Pollutants

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

Off-Site Transfers to POTWs (Publicly

TRI Facility ID Year Emissions Surface Water Discharges

Owned Treatment Works) Injections

Disposal to Underground 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

Air

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data

					Dowing	Jau Dala
Census Block Group ID: 720970803001	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	8	8	10	9	3	10
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	71	47	81	96	73	D 99
Air Toxics Cancer Risk	57	76	D 99	96	D 97	9 99
Air Toxics Respiratory Hazard Index	43	85	9 97	96	9 97	100
Toxic Releases to Air	99	D 99	D 99	97	81	D 97

Census Block Group ID: 720970803001	US (Percentile)		State	(Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	99	99	99	99	89	99
Lead Paint	99	99	9 9	99	86	99
Risk Management Plan (RMP) Facility Proximity	99	99	100	98	87	100
Hazardous Waste Proximity	98	93	99	79	57	9 93
Superfund Proximity	99	98	99	71	51	85
Underground Storage Tanks (UST)	99	99	100	99	93	99
Wastewater Discharge	99	99	9 99	92	79	9 95
	US OS	State Der of Ind	dexes			





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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	9,333
Population Density	5,006/sq.mi.
Housing Units in Area	5,216
Percent People of Color	100%
Households in Area	3,391
Households on Public Assistance	209
Persons With Low Income	7,759
Percent With Low Income	86%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.21387
Center Longitude	-67.15625
Land Area	60%
Water Area	40%

ncome Breakdown (ACS (American Community Survey)) - Households (%)								
Less than \$15,000	1,956 (57.73%)							
\$15,000 - \$25,000	496 (14.64%)							
\$25,000 - \$50,000	501 (14.79%)							
\$50,000 - \$75,000	172 (5.08%)							
Greater than \$75,000	263 (7.76%)							

Age Breakdown (ACS (American Community Survey)) - Persons (%)									
Children 5 years and younger	318 (3%)								
Minors 17 years and younger	1,363 (15%)								
Adults 18 years and older	7,968 (85%)								
Seniors 65 years and older	1,593 (17%)								

Race Breakdown (ACS (American Community Survey)) - Persons (%)							
White 1,670 (18%)							
African-American	0 (0%)						
Hispanic-Origin	9,280 (99%)						
Asian	5 (0%)						
Hawaiian/Pacific Islander	0 (0%)						
American Indian	0 (0%)						
Other/Multiracial	6,875 (74%)						

Education Level (Persons 25 & older) (ACS (American Community Survey)) -
Persons (%)Less than 9th Grade636 (12.87%)9th through 12th Grade388 (7.85%)High School Diploma1,336 (27.03%)Some College/2-year585 (11.83%)B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More1,697 (34.33%)

Exhibit 7J



Detailed Facility Report

Facility Summary RAFAEL VICENTY SERVICE STATION

206 COMERCIO ST, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110014442335

EPA Region: 02

Latitude: 18.213964

Longitude: -67.156423

Locational Data Source: FRS

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000015842)

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

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		110014442335					Ν	18.213964	-67.156423
RCRAInfo	RCRA	PRR000015842	VSQG	Active (H)			Ν	18.215459	-67.157186

Facility Address

Identifier

System

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110014442335	RAFAEL VICENTY SERVICE STATION	206 COMERCIO ST, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000015842	RAFAEL VICENTY SERVICE STATION	206 COMERCIO ST, MAYAGUEZ, PR 00708	Mayagüez Municipio

SIC Description

Facility SIC (Standard Industrial
Classification) CodesFacility NAICS (North American
Industry Classification System)

SIC Code

Codes

No data records retur	ned	System	Identifier	NAICS Code	N	IAICS Description			
		RCRAInfo PRR00001584		44711	Gasoline Stations with Convenien Stores				
		Facility Tribe Information							
		Reservat	ion Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)			
				No data records returned					
 ment and Compliance									

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 reo	cords 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	PRR000015842	No	10/12/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violatio Type	n 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: PRR000015842)		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	07/01- 09/30/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ 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	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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
	No data records returned									
Air	Qua	lity Nor	nattainn	nent A	reas					
Polluta	utant Within Nonattainment Status Nonattainment Status Applicable Standard(s)				enance Status ea?		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

Off-Site Transfers to POTWs (Publicly

TRI Facility ID Year Emissions Surface Water Discharges

Owned Treatment Works) Injections

Disposal to Underground 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

Air

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data

					Downie	bad Data	
Census Block Group ID: 720970803001	US (Percentile)		State (Percentile)			
Supplemental Indexes	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	8	8	10	9	3	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	71	47	81	96	73	9 99	
Air Toxics Cancer Risk	57	76	9 99	96	9 97	9 99	
Air Toxics Respiratory Hazard Index	43	85	9 97	96	9 97	100	
Toxic Releases to Air	99	9 99	D 99	97	81	9 8	





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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	9,270
Population Density	5,005/sq.mi.
Housing Units in Area	5,140
Percent People of Color	100%
Households in Area	3,355
Households on Public Assistance	208
Persons With Low Income	7,704
Percent With Low Income	86%
Geography	
Radius of Selected Area	1 mi.

Center Latitude	18.213964
Center Longitude	-67.156423
Land Area	59%
Water Area	41%

Income Breakdown (ACS (American Community Survey)) - Households (%)					
Less than \$15,000	1,924 (57.35%)				

\$15,000 - \$25,000	496 (14.78%)
\$25,000 - \$50,000	500 (14.9%)
\$50,000 - \$75,000	171 (5.1%)
Greater than \$75,000	264 (7.87%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)									
Children 5 years and younger	317 (3%)								
Minors 17 years and younger	1,357 (15%)								
Adults 18 years and older	7,912 (85%)								
Seniors 65 years and older	1,583 (17%)								

Race Breakdown (ACS (American Community Survey)) - Persons (%)								
White	1,659 (18%)							
African-American	0 (0%)							
Hispanic-Origin	9,219 (99%)							
Asian	5 (0%)							
Hawaiian/Pacific Islander	0 (0%)							
American Indian	0 (0%)							
Other/Multiracial	6,822 (74%)							

Education Level (Persons 25 & older) (ACS (American Community Survey)) -
Persons (%)Less than 9th Grade627 (12.75%)9th through 12th Grade384 (7.81%)High School Diploma1,327 (26.99%)Some College/2-year581 (11.82%)B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More1,695 (34.47%)

Exhibit 7K



Detailed Facility Report

Facility Summary TRANSPORTE MASSARI INC

243 CONCORDIA, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110031369613 EPA Region: 02 Latitude: 18.213309 Longitude: -67.155278

Locational Data Source: RCRAINFO

Industries: Truck Transportation

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 **Toxic Releases (TRI):** No Information Other, (PRR000019992)

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

Industry Classification System)

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		110031369613					Ν	18.213309	-67.155278
RCRAInfo	RCRA	PRR000019992	Other	Inactive ()			Ν	18.213309	-67.155278

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031369613	TRANSPORTE MASSARI INC	243 CONCORDIA, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000019992	TRANSPORTE MASSARI INC	243 CONCORDIA, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Code	S						
	No data	records retur	ned	System	Ident	ifier	NAICS Code	N	IAICS Description		
				RCRAInfo	PRR000019992		48411	General F	reight Trucking, Local		
				Facility Tribe Information							
						No da	ita records				

Enforcement and Compliance

Comp	pliance	e Mon	itoring	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	PRR000019992	Νο	10/12/2024	0	10/11/2024

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: PRR000019992)		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	07/01- 09/30/24
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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	
No data records returned											
Air Quality Nonattainment Areas											
Pollutar	ut With	in Nonattainment Area?	Status Non	attainment Stat Standarc		Within Maintenance Status Area?			e Status Applic andard(s)	able	
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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970803001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	8	8	10	9	5	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	71	57	81	96	85	9 99	
Air Toxics Cancer Risk	57	56	99	96	87	9 99	
Air Toxics Respiratory Hazard Index	43	83	9 97	96	9 97	100	
Toxic Releases to Air	9 9	9 99	D 99	97	80	9 97	
Traffic Proximity	9 9	9 99	D 99	99	9 93	D 99	
Lead Paint	99	9 99	9 99	99	9 90	9 99	
Risk Management Plan (RMP) Facility Proximity	9 9	9 99	100	98	9 90	100	
Hazardous Waste Proximity	98	9 95	D 99	79	61	9 93	

Download Data

Census Block Group ID: 720970803001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max	
Superfund Proximity	99	98	99	71	54	85	
Underground Storage Tanks (UST)	99	99	100	99	93	99	
Wastewater Discharge	99	99	99	92	76	95	
Map Display Based on: 🤇	🕽 us 🔿 s	State					
Display Map Layer Summary - Number of Indexes							



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 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 ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <hr/>
<hr/>

General Statistics (ACS (American Community Survey))	
Total Persons	9,813
Population Density	5,083/sq.mi.
Housing Units in Area	5,716
Percent People of Color	100%
Households in Area	3,642
Households on Public Assistance	218
Persons With Low Income	8,202
Percent With Low Income	86%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.213309
Center Longitude	-67.155278
Land Area	62%
Water Area	38%

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

Less than \$15,000	2,183 (59.92%)
\$15,000 - \$25,000	509 (13.97%)
\$25,000 - \$50,000	514 (14.11%)
\$50,000 - \$75,000	176 (4.83%)
Greater than \$75,000	261 (7.16%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	351 (4%)
Minors 17 years and younger	1,431 (15%)
Adults 18 years and older	8,383 (85%)
Seniors 65 years and older	1,669 (17%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	1,757 (18%)
African-American	0 (0%)
Hispanic-Origin	9,762 (99%)
Asian	5 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	7,253 (74%)

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

Persons (%)	
Less than 9th Grade	698 (13.58%)
9th through 12th Grade	407 (7.92%)
High School Diploma	1,400 (27.24%)
Some College/2-year	613 (11.93%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,707 (33.22%)



Detailed Facility Report

Facility Summary WESTERN PETROLEUM ENTERPRISES INC

PR-2 INTERIOR,, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110040451490 EPA Region: 02 Latitude: 18.21728 Longitude: -67.15208 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	12/23/2009
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	
Formal Enforcement Actions (5 years)	
Penalties from Formal Enforcement Actions (5 years)	
EPA Cases (5 years)	
Penalties from EPA Cases (5 years)	

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRN008022014)

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

Industry Classification System)

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		110040451490					Ν	18.21728	-67.15208
RCRAInfo	RCRA	PRN008022014	VSQG	Active (H)			N	18.216972	-67.151921

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County	
FRS		110040451490	WESTERN PETROLEUM ENTERPRISES INC	PR-2 INTERIOR,, MAYAGUEZ, PR 00680	Mayagüez Municipio	
RCRAInfo	RCRA	PRN008022014	WESTERN PETROLEUM ENTERPRISES INC	PR-2 INTERIOR,, MAYAGUEZ, PR 00680	Mayagüez Municipio	

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes				-
	No data	records retur	ned	System	Identi	ifier N	IAICS Code	NAICS Description
						No data r	ecords retur	rned
Facility Tribe Information							ation	
				Reservation	Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
						No data r	ecords retur	rned

Enforcement and Compliance

Comj	pliance	e Mon	itoring	History	Last 5 Years			
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data rec	cords returned			

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy 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	PRN008022014	No	10/12/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	tatute Program/Pollutant/Violation Type		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: PRN008022014)	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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
Violation Agency													

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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		
				No	data records re	turned						
Air Quality Nonattainment Areas												
Polluta	With	in Nonattainment Area?	Status Non	attainment Stat Standarc			enance Status ea?		e Status Applic andard(s)	able		
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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

				.		
Census Block Group ID: 720970815012	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	3	8	10	1	1	10
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	22	49	81	42	79	98
Air Toxics Cancer Risk	47	40	99	21	0	9 99
Air Toxics Respiratory Hazard Index	74	82	97	97	97	100
Toxic Releases to Air	9 91	99	9 9	47	77	D 98
Traffic Proximity	87	99	99	39	86	9 99
Lead Paint	78	98	99	43	82	9 99
Risk Management Plan (RMP) Facility Proximity	9 91	99	1 00	48	85	100
Hazardous Waste Proximity	74	92	99	27	55	9 93

Download Data

Census Block Group ID: 720970815012			JS (Percentile)				State (Percentile)			
Supplemental Indexes		Facility Census Block Group	1-n	nile Avg	1-mi	le Max	Facility Census Block Group	1-mile Avg	1-n	nile Max
Superfund Proximity		84	Ø	97	0	99	28	48		77
Underground Storage Tanks (UST)		88	0	99	9 1	L00	63	86	0	99
Wastewater Discharge		95	0	99	0	99	51	76	0	95
Map Display Based or	n: 🤇) us () s	Stat	te						
Display Map Layer Summary - Number of Indexes										



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 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 ACS census block groups 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>.

Total Persons	9,735
Population Density 3	,978/sq.mi.
Housing Units in Area	5,406
Percent People of Color	99%
Households in Area	3,556
Households on Public Assistance	186
Persons With Low Income	7,812
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.21728
Center Longitude	-67.15208
Land Area	78%
Water Area	22%

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

Less than \$15,000	1,959 (55.11%)
\$15,000 - \$25,000	490 (13.78%)
\$25,000 - \$50,000	553 (15.56%)
\$50,000 - \$75,000	196 (5.51%)
Greater than \$75,000	357 (10.04%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	295 (3%)
Minors 17 years and younger	1,347 (14%)
Adults 18 years and older	8,390 (86%)
Seniors 65 years and older	1,704 (18%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	1,810 (19%)
African-American	0 (0%)
Hispanic-Origin	9,648 (99%)
Asian	4 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	7,144 (73%)

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

Persons (%)	
Less than 9th Grade	581 (11.26%)
9th through 12th Grade	375 (7.27%)
High School Diploma	1,298 (25.16%)
Some College/2-year	592 (11.48%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,997 (38.72%)

Exihibit 7M



Detailed Facility Report

Facility Summary

WESTERN AUTO

CARR #2 KM 1052.8 BO PUEBLO, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110032659228

EPA Region: 02 **Latitude:** 18.216972

Longitude: -67.151921

Locational Data Source: RCRAINFO

Industries: Wholesale Trade, Durable Goods

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): Active VSQG, (PRR000020420)

Compliance and Emissions Data Reporting Interface (CEDRI): 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		110032659228					Ν	18.216972	-67.151921
RCRAInfo	RCRA	PRR000020420	VSQG	Active (H)			Ν	18.216972	-67.151921

Facility Address

Identifier

System

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110032659228	WESTERN AUTO	CARR #2 KM 1052.8 BO PUEBLO, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000020420	WESTERN AUTO	CARR #2 KM 1052.8 BO PUEBLO, MAYAGUEZ, PR 00680	Mayagüez Municipio

SIC Description

Classification) Codes

SIC Code

No data records returned

Facility SIC (Standard Industrial Facility NAICS (North American **Industry Classification System**) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000020420	42111	Automobile and Other Motor Vehicle Wholesalers

Facility Tribe Information

Tribe Name EPA Tribal ID Distance to Tribe (miles) Reservation Name

No data records returned

Enforcement and Compliance

Comj	pliance	e Mon	itoring	History	Last 5 Years			
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data rec	cords 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	PRR000020420	No	04/27/2024	0	04/26/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollut Typ		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: PRR0	000020420)	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-Lev	el Status	No Violation Identified											
	Violation	Agency												

Informal Enforcement Actions Last 5 Years

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

No data records returned

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

Formal Enforcement Actions Last 5 Years State/ lssued/ Penalty Federal Comp Туре Law/ Source Case Lead Case Settlements/ Settlement/ Local SEP Filed Statute System of Penalty Amount Action Section ID No. Actions Action Date Penalty Agency Name Value Action Date Assessed Collected Cost Assessed No data records returned
Environmental Conditions

Watersheds

Bounda (RAD (WBD (Watersh ry Dataset) HU Reach Address atabase))	C Dataset)	Vatershed Boundary Subwatershed Name D (Reach Address Database))	(ICIS (Compliand	er Body Name Integrated ce Information stem))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed wi (Endangered S Act)-listed Ad Species	Species quatic
				No d	data records	returned				
lsse	essed	Water	s From I	latest	: State S	Submi	.ssion (ATTAINS	5)	
State		sessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Us		Fish Consumption Use	Recreation Use	Other Use
				No	data records	returned				
Air (Quality	y Non	attainmo	ent A	reas					
Pollutant	Within No	nattainment S Area?	itatus Nonatt	ainment Stat Standard	tus Applicable I(s)	Within M	aintenance Statu Area?		e Status Applic andard(s)	able
No data records returned										

Pollutants

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

TRI Facility IDAirSurface Water DischargesOff-Site Transfers to POTWs (Publicly Owned Treatment Works)Underground UndergroundDisposal to LandTotal On-Site Total On-SiteTotal Off-Site TransfersOwned Treatment Works)InjectionsLandReleasesTransfers
--

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 1/27/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000020420	Hazardous Waste	337	390	333	
PRR000020420	Acute Hazardous Waste	0	0	0	
PRR000020420	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

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Census Block Group ID: 720970815012	US (Percentile)			State (Percentile)			
Supplemental Indexes	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	3	8	10	1	1	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	22	51	81	42	81	98	
Air Toxics Cancer Risk	47	40	9 99	21	0	99	
Air Toxics Respiratory Hazard Index	74	82	9 97	97	9 97	100	
Toxic Releases to Air	91	9 99	9 99	47	78	98	
Traffic Proximity	87	9 99	9 99	39	87	99	
Lead Paint	78	9 99	99	43	85	99	
Risk Management Plan (RMP) Facility Proximity	91	9 99	100	48	86	100	
Hazardous Waste Proximity	74	9 93	99	27	57	93	
Superfund Proximity	84	D 97	9 99	28	49	77	
Underground Storage Tanks (UST)	88	9 99	100	63	88	99	
Wastewater Discharge	95	99	D 99	51	77	95	

Download Data

Map Display Based on: 🔘 US 🔘 State					
Display Map Layer	Summary - Number of Indexes				



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	10,433	Children 5 years and younger
Population Density	4,161/sq.mi.	Minors 17 years and younger
Housing Units in Area	5,502	Adults 18 years and older

General Statistics (ACS (American Community Survey))	
Total Persons	9,800
Percent People of Color	99%
Households in Area	3,603
Households on Public Assistance	189
Persons With Low Income	7,883
Percent With Low Income	83%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.216972
Center Longitude	-67.151921
Land Area	80%
Water Area	20%

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

Less than \$15,000 2,011 (55.81%	.)
\$15,000 - \$25,000 492 (13.66%)	
\$25,000 - \$50,000 549 (15.24%)	
\$50,000 - \$75,000 198 (5.5%)	
Greater than \$75,000 353 (9.8%)	

Age Breakdown (U.S. Census) - Persons (%)			
Seniors 65 years and older	1,575 (15%)		
Race Breakdown (U.S. Census) - Persons (%)			
White	7,927 (76%)		
African-American	866 (8%)		
Hispanic-Origin	10,300 (99%)		
Asian/Pacific Islander	44 (0%)		
American Indian	50 (0%)		
Other/Multiracial	1,546 (15%)		

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

Persons (%)	
Less than 9th Grade	588 (11.35%)
9th through 12th Grade	380 (7.34%)
High School Diploma	1,317 (25.42%)
Some College/2-year	596 (11.51%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,985 (38.32%)

Exhibit 7N



Detailed Facility Report

Facility Summary WALGREENS #374

2097 AVE HOSTOS, MAYAGUEZ, PR 00682

FRS (Facility Registry Service) ID: 110066978514
EPA Region: 02
Latitude: 18.21398
Longitude: -67.14882
Locational Data Source: FRS
Industries: Health and Personal Care Retailers
Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000012351)

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

Industry Classification System)

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		110066978514					Ν	18.21398	-67.14882
RCRAInfo	RCRA	PRR000012351	VSQG	Active (H)			N	18.203751	-67.142002

Facility Address

System	Statute	ute Identifier Facility I		Facility Address	Facility County
FRS		110066978514	WALGREENS #374	2097 AVE HOSTOS, MAYAGUEZ, PR 00682	Mayagüez Municipio
RCRAInfo	RCRA	PRR000012351	WALGREENS #374	2097 AVE HOSTOS, MAYAGUEZ, PR 00682	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Code	S						
	No data	records retur	ned	System	Identifier	NAICS Code		NAICS Description			
				RCRAInfo	PRR00001235	456110	Pharma	cies and Drug Retailers			
Facility Tribe Information											
				Reservatio	on Name Trib	e Name EPA T	ribal ID	Distance to Tribe (miles)			
				No data records returned							

Enforcement and Compliance

Comp	pliance	e Mon	itoring 1	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	PRR000012351	No	10/12/2024	0	10/11/2024

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: PRR000012351)	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	07/01- 09/30/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed WBD (Watershed Boundary Dataset) HUC Boundary Dataset) HUC Dataset) Subwatershed (RAD (Reach Address (RAD (Reach Address Database)) Database))	Name (ICIS (Integrated	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				Fish Consumption Use	Recreation Use	Other Use			
	No data records returned												
Air Quality Nonattainment Areas													
Pollutar	Pollutant Area? Standard(s) Within Maintenance Status Applicable Standard(s) Area? Standard(s) Area? 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

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 7/13/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRR000012351	Hazardous Waste	59 - 60	61 - 62	63 - 64	25
PRR000012351	Acute Hazardous Waste	0 - 2	0-1	0-1	0
PRR000012351	Pharmaceutical Hazardous Waste	0 - 2	0-1	0-1	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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data

Census Block Group ID: 720970802001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	9	8	10	3	5	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	61	58	81	86	85	99	
Air Toxics Cancer Risk	53	55	9 9	66	84	99	
Air Toxics Respiratory Hazard Index	91	85	9 97	98	9 97	100	
Toxic Releases to Air	99	9 99	9 99	81	79	97	
Traffic Proximity	99	99	99	94	92	99	
Lead Paint	98	9 99	99	84	90	99	
Risk Management Plan (RMP) Facility Proximity	99	9 99	100	89	9 90	100	
Hazardous Waste Proximity	94	95	9 9	59	63	93	
Superfund Proximity	98	9 8	9 9	51	53	85	
Underground Storage Tanks (UST)	99	D 99	100	9 5	9 93	99	
Wastewater Discharge	99	9 99	9 9	84	77	95	
	🗩 US 🔿 S	State Per of Inc	dexes				
		0	Facility	1-mile Radiu	s 🗆	Facility (



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 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 ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <hr/>
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General Statistics (ACS (American Community Survey))								
Total Persons	11,408							
Population Density	4,418/sq.mi.							
Housing Units in Area	7,369							
Percent People of Color	99%							
Households in Area	4,453							
Households on Public Assistance	241							
Persons With Low Income	9,462							
Percent With Low Income	85%							
Geography								
Radius of Selected Area	1 mi.							
Center Latitude	18.21398							
Center Longitude	-67.14882							
Land Area	83%							
Water Area	17%							

Income Breakdown (ACS (American Community Survey)) - Households (
Less than \$15,000	2,768 (62.17%)					
\$15,000 - \$25,000	561 (12.6%)					

+,	,
\$25,000 - \$50,000	584 (13.12%)
\$50,000 - \$75,000	222 (4.99%)
Greater than \$75,000	317 (7.12%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)								
Children 5 years and younger	393 (3%)							
Minors 17 years and younger	1,525 (13%)							
Adults 18 years and older	9,885 (87%)							
Seniors 65 years and older	2,009 (18%)							

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	2,149 (19%)
African-American	0 (0%)
Hispanic-Origin	11,313 (99%)
Asian	5 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	8,426 (74%)

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

Persons (%)	
Less than 9th Grade	747 (12.64%)
9th through 12th Grade	457 (7.74%)
High School Diploma	1,601 (27.1%)
Some College/2-year	702 (11.88%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,022 (34.22%)

Exhibit 70



Detailed Facility Report

Facility Summary MATOUK IND INC

ZONA INDL, GUANAJIBO CASTILLO, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110008053337 EPA Region: 02 Latitude: 18.212687 Longitude: -67.149248 Locational Data Source: TRIS Industries: Textile Product Mills Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information

Clean Air Act (CAA): No Information Clean Water Act (CWA): No Information **Resource Conservation and Recovery Act (RCRA):** No Information Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information Greenhouse Gas Emissions (eGGRT): No Information Toxic Releases (TRI): 00708MTKNDZONAI **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		110008053337					Ν	18.212687	-67.149248
TRI	EP313	00708MTKNDZONAI	Toxics Release Inventory	Last Reported for 1987			Ν	18.212687	-67.149248

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110008053337	MATOUK IND INC	ZONA INDL, GUANAJIBO CASTILLO, MAYAGUEZ, PR 00680	Mayagüez Municipio
TRI	EP313	00708MTKNDZONAI	MATOUK IND INC	ZONA INDL, GUANAJIBO CASTILLO, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code SIC Description		System	Identifier	NAICS Code	NAICS Description
No data records returned		TRI	00708MTKNDZONAI	314121	Curtain and Drapery Mills		
No data records returned				Faci	ility Trib	o Info	rmation

Re

Facility Tribe Information

eservation	Tribe	EPA Tribal	Distance to Tribe
Name	Name	ID	(miles)

No data records returned

Enforcement and Compliance

Com	plian	ce Mo	onitorin	ng History	Last 5 Y	ears			
Statute	Source ID	System	Activity Type	Compliance Monitorin	g 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



No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions				Last 5 Years		
Statute	System	Source ID	Type of Action		Lead Agency	Date

No data records returned

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



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



Pollutants

Toxics Release Inventory History of Reported Chemicals

Released or Transferred in Pounds per Year at Site

TR	Veen
acility ID	Year

Air Surface Water Emissions Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works)

Underground Injections

Disposal to Total On-Site Land Releases

ite Total Off-Site 5 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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720970802001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	9	8	10	3	5	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	61	60	81	86	87	99	

Supplemental Indexes Air Toxics Cancer Risk Air Toxics Respiratory Hazard Index Toxic Releases to Air	Facility Census Block Group 53 91	55	1-mile Max • 99	Facility Census Block Group		1-mile Max
Air Toxics Respiratory Hazard Index			99	66		
	91			00	86	D 99
Toxic Releases to Air		84	97	98	97	100
	99	99	99	81	80	97
Traffic Proximity	99	99	99	94	93	9 9
Lead Paint	98	99	99	84	92	9 9
Risk Management Plan (RMP) Facility Proximity	r 🚺 99	99	100	89	91	100
Hazardous Waste Proximity	94	95	99	59	65	9 93
Superfund Proximity	98	98	99	51	56	85
Underground Storage Tanks (UST)	99	99	100	95	91	9 9
Wastewater Discharge	D 99	99	99	84	77	9 95
	🔵 US 🔘 s mary - Numb	State per of Ind	dexes			

○ Facility 1-mile Radius □ Facility Census Block Group

1,000 km	
500 mi	

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 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 ACS census block groups 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 (ACS (American Comm	unity Survey))				
Total Persons	11,711				
Population Density	4,705/sq.mi.				
Housing Units in Area	7,683				
Percent People of Color	100%				
Households in Area	4,648				
Households on Public Assistance	277				
Persons With Low Income	9,832				
Percent With Low Income	86%				
Geography					
Radius of Selected Area	1 mi.				
Center Latitude	18.212687				
Center Longitude	-67.149248				
Land Area	80%				
Water Area	20%				
Income Breakdown (ACS (American Community Survey)) - Househo (%)					
Less than \$15,000	2,979 (64.02%)				
\$15,000 - \$25,000	578 (12.42%)				
\$25,000 - \$50,000	584 (12.55%)				
\$50,000 - \$75,000	216 (4.64%)				
Greater than \$75,000	296 (6.36%)				

Age Breakdown (ACS (American Community Survey)) - Persons (%)						
Children 5 years and younger	427 (4%)					
Minors 17 years and younger	1,622 (14%)					
Adults 18 years and older	10,087 (86%)					
Seniors 65 years and older	2,018 (17%)					
Deve Durchdaum (ACC (Amarica C	···· (1/)					
Race Breakdown (ACS (American Commun	hity Survey)) - Persons (%)					
White	2,184 (19%)					
African-American	0 (0%)					
Hispanic-Origin	11,623 (99%)					
Asian	5 (0%)					
Hawaiian/Pacific Islander	0 (0%)					
American Indian	0 (0%)					
Other/Multiracial	8,629 (74%)					
Education Level (Persons 25 & older) (ACS Survey)) - Persons (%)	(American Community					
Less than 9th Grade	836 (13.75%)					

	830 (13.13%)	
9th through 12th Grade	462 (7.6%)	
High School Diploma	1,656 (27.25%)	
Some College/2-year	741 (12.19%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,995 (32.82%)	



Detailed Facility Report

Facility Summary PRIVATE LABEL INDUSTRIES INCORPORATED

FREE TRADE ZONE #39, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110002085378 EPA Region: 02 Latitude: 18.212687 Longitude: -67.149248 Locational Data Source: TRIS Industries: Apparel Manufacturing Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information	Other Regulatory Reports			
Clean Air Act (CAA): No Information	Air Emissions Inventory (EIS): No Information			
Clean Water Act (CWA): No Information	Greenhouse Gas Emissions (eGGRT): No Information			
Resource Conservation and Recovery Act (RCRA):	Toxic Releases (TRI): 00708PRVTLFREET			
No Information	Compliance and Emissions Data Reporting			
Safe Drinking Water Act (SDWA): No Information	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

3	System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
	FRS		110002085378					Ν	18.212687	-67.149248
	TRI	EP313	00708PRVTLFREET	Toxics Release Inventory	Last Reported for 1987			Ν	18.212687	-67.149248

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County	
FRS		110002085378	PRIVATE LABEL INDUSTRIES INCORPORATED	FREE TRADE ZONE #39, MAYAGUEZ, PR 00680	Mayagüez Municipio	
TRI	EP313	00708PRVTLFREET	PRIVATE LABEL IND INC	FREE TRADE ZONE #39, MAYAGUEZ, PR 00680	Mayagüez Municipio	

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	em Identifier C		SIC Description
TRI	00708PRVTLFREET	2329	Men's and Boys' Clothing, Not Elsewhere Classified
TRI	00708PRVTLFREET	2337	Women's And Misses' Suits And Coats

System	Identifier NAICS Code		NAICS Description		
TRI	00708PRVTLFREET	315211	Men's and Boys' Cut and Sew Apparel Contractors		

Facility Tribe Information

Reservation	Tribe	EPA Tribal	Distance to Tribe
Name	Name	ID	(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



No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions				Last 5 Years		
Statute	System	Source ID	Ţ	ype of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute System Law/ Source Type of of Action Case of Action Lead Agency Lead Agency Settlements/ Settlements/ Action Date Settlement/ Action Date Federal Penalty Assessed State/ Local Penalty Assessed Penalty Amount Action Date Settlement/ Assessed Settlement/ Assessed

No data records returned

Environmental Conditions

Watersheds

12-Digit WBDWBD (Watershed(Watershed BoundaryBoundary DatasDataset) HUC (RADSubwatershed Nam(Reach Address(Reach AddressDatabase))Database))	Name (ICIS Clo D (Integrated With Compliance	Beach Beach osures Closures hin Last Within Last Year 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	
-------	-----------------	-----------------------	-------------------------	--------------------	--------------------------	-----------------------	-------------------	----------------------------	-------------------	--------------	--

No data records returned

Air Quality Nonattainment Areas

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

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

 TRI Facility ID
 Year
 Air
 Surface Water
 Off-Site Transfers to POTWs (Publicly Owned Treatment Works)
 Underground
 Disposal to

Total Off-Site Transfers

Total On-Site

Releases

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970802001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	9	8	10	3	5	10	

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2 km 2 km 1 mi Electronic (Construction) Earthstar Geographics | Esri, TomTom, Garmin, Foursquare, SafeGraph, ... Powered by Esri https://www.esri.com/>

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 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 ACS census block groups 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 (ACS (American Community Survey))							
Total Persons	11,711						
Population Density	4,705/sq.mi.						
Housing Units in Area	7,683						
Percent People of Color	100%						
Households in Area	4,648						
Households on Public Assistance	277						
Persons With Low Income	9,832						
Percent With Low Income	86%						
Geography							

Radius of Selected Area	1 mi.
Center Latitude	18.212687
Center Longitude	-67.149248
Land Area	80%
Water Area	20%

Income Breakdown (ACS (American (%)	Community Survey)) - Households
Less than \$15,000	2,979 (64.02%)
\$15,000 - \$25,000	578 (12.42%)
\$25,000 - \$50,000	584 (12.55%)
\$50,000 - \$75,000	216 (4.64%)
Greater than \$75,000	296 (6.36%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)						
Children 5 years and younger	427 (4%)					
Minors 17 years and younger	1,622 (14%)					
Adults 18 years and older	10,087 (86%)					
Seniors 65 years and older	2,018 (17%)					

Race Breakdown (ACS (American Community Survey)) - Persons (%)							
White	2,184 (19%)						
African-American	0 (0%)						
Hispanic-Origin	11,623 (99%)						
Asian	5 (0%)						
Hawaiian/Pacific Islander	0 (0%)						
American Indian	0 (0%)						
Other/Multiracial	8,629 (74%)						

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

Less than 9th Grade	836 (13.75%)
9th through 12th Grade	462 (7.6%)
High School Diploma	1,656 (27.25%)
Some College/2-year	741 (12.19%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,995 (32.82%)

Exhibit 7Q



Detailed Facility Report

Facility Summary

FLORES BROS CEMENT

MANUEL M. SAMAS #48, MAYAGUEZ, PR 00708 FRS (Facility Registry Service) ID: 110007171121

EPA Region: 02 Latitude: 18.20872 Longitude: -67.15072 Locational Data Source: FRS Industries: Nonmetallic Mineral Product Manufacturing Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
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): Operating Minor (PR0000007209700023)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007171121					N	18.20872	-67.15072
ICIS-Air	CAA	PR0000007209700023	Minor Emissions	Operating	CAASIP		N	18.20872	-67.15072

Facility Address

System	Statute	Identifier Facility Name		Facility Address	Facility County
FRS		110007171121	FLORES BROS CEMENT	MANUEL M. SAMAS #48, MAYAGUEZ, PR 00708	
ICIS-Air	CAA	PR0000007209700023	FLORES BROS CEMENT	MANUEL M. SAMAS #48, MAYAGUEZ, PR 00708	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description	Cout	3			
ICIS-Air	PR0000007209700023	3241	Cement, Hydraulic	System	Identifier	NAICS Code	NAICS Description	l
				ICIS-Air	PR0000007209700023	327310	Cement Manufacturing	1

Facility Tribe Information

Reservation Name Tribe Name EPA Tribal ID Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History				Story 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/compliance/compliance-monitoring-programs activities or because they are not counted as inspections within EPA's Annual Results 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/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
CAA	PR0000007209700023	No	04/27/2024	0	04/26/2024

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+
CA	A (Source ID: PR0000007209700023)	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			No Violation Identified								No Violation Identified

Statute	Progra	am/Pollu	tant/Violati	on 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+
		HPV	History													
	Violation Type	Agency	Programs	Pollutants												

Informal Enforcement Actions Last 5 Years Statute System Source ID Type of Action Lead Agency Date

No data records returned

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

For	mal	Enf	orce	eme	nt /	Actio	ons	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 retu	med					

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 Informat System))	Closures Beach Cl	n Last Potentially Related	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	
	No data records returned										
Aiı	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
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No data records returned

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

Chemical Name

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

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

					Downlo	oad Data
Census Block Group ID: 720970802002	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	9	8	10	6	6	10
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	67	65	81	93	91	D 99
Air Toxics Cancer Risk	55	55	99	88	89	D 99
Air Toxics Respiratory Hazard Index	9 94	80	9 97	99	97	100
Toxic Releases to Air	99	9 99	99	86	83	D 97
Traffic Proximity	99	Q 99	99	97	97	D 99
Lead Paint	99	Q 99	9 99	97	95	D 99
Risk Management Plan (RMP) Facility Proximity	99	Q 99	100	98	94	100
Hazardous Waste Proximity	97	9 97	9 99	72	72	D 96
Superfund Proximity	99	9 99	99	62	64	9 90
Underground Storage Tanks (UST)	99	9 99	100	98	94	D 99
Wastewater Discharge	99	99	99	87	76	95

Map Display Based on: O US O State

Display Map Layer

Summary - Number of Indexes



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#demographics.

General Statistics (U.S. Census)	
Total Persons	17,552
Population Density	7,904/sq.mi.
Housing Units in Area	9,231
General Statistics (ACS (American Community Survey	())
Total Persons	13,873
Percent People of Color	100%
Households in Area	5,577
Households on Public Assistance	578
Persons With Low Income	12,123
Percent With Low Income	89%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.20872
Center Longitude	-67.15072
Land Area	71%

Age Breakdown (U.S. Census) - Persons (%)						
Children 5 years and younger	998 (6%)					
Minors 17 years and younger	3,373 (19%)					
Adults 18 years and older	14,179 (81%)					
Seniors 65 years and older	2,417 (14%)					
Race Breakdown (U.S. Census) - Persons (%)						
White	13,032 (74%)					
African-American	1,592 (9%)					
Hispanic-Origin	17,378 (99%)					
Asian/Pacific Islander	45 (0%)					
American Indian	181 (1%)					
Other/Multiracial	2,701 (15%)					
Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)						
Less than 9th Grade	1,353 (18.95%)					
9th through 12th Grade	567 (7.94%)					

Geography	
Water Area	29%
Income Breakdown (ACS (American Commun	ity Survey)) - Households (%)
Less than \$15,000	3,895 (69.84%)
\$15,000 - \$25,000	648 (11.62%)
\$25,000 - \$50,000	599 (10.74%)
\$50,000 - \$75,000	194 (3.48%)
Greater than \$75,000	241 (4.32%)

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

High School Diploma	2,044 (28.62%)
Some College/2-year	860 (12.04%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,883 (26.37%)



Detailed Facility Report

Facility Summary WESTERN MOTOR MFG

CALLE BUENOS AIRES 56, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110004890440 EPA Region: 02 Latitude: 18.206255 Longitude: -67.152605 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

Resource Conservation and Recovery Act (RCRA): Inactive Toxic Releases (TRI): No Information Other, (PRD987381787)

Air Emissions Inventory (EIS): No Information Greenhouse Gas Emissions (eGGRT): No Information Toxic Releases (TRI): No Information Safe Drinking Water Act (SDWA): No Information

Industry Classification System)

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		110004890440					Ν	18.206255	-67.152605
RCRAInfo	RCRA	PRD987381787	Other	Inactive ()			N	18.206255	-67.152605

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004890440	WESTERN MOTOR MFG	CALLE BUENOS AIRES 56, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRD987381787	WESTERN MOTOR MFG	CALLE BUENOS AIRES 56, MAYAGUEZ, PR 00680-3211	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes	;			-	
	No data	records retur	ned	System	Ident	tifier N	AICS Code	NAICS Description	
						No data r	ecords retur	ned	
				Facility Tribe Information					
				Reservation	Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)	
No data records returned									

Enforcement and Compliance

Comp	pliance	e Mon	itoring 1	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 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	PRD987381787	No	10/12/2024	0	10/11/2024

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: PRD987381787)	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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed WBD (Watershed Boundary Dataset) HUC Boundary Dataset) HUC Dataset) Subwatershed (RAD (Reach Address (RAD (Reach Address Database)) Database))	Name (ICIS (Integrated	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)

StateReport CycleAssessmentAssessment Unit NameWater ConditionCause Groups ImpairedDrinking Water UseEcological UseFish Consumption UseRecreation Use												
	No data records returned											
Air Quality Nonattainment Areas												
Within Nonattainment Status Nonattainment Status Applicable Within Maintenance Status Maintenance Status Applicable Pollutant Area? Standard(s) Area? 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

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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970823003	US (I	US (Percentile)			State (Percentile)			
Supplemental Indexes	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	9	8	10	5	6	10		
Particulate Matter 2.5		N/A			N/A			
Ozone		N/A			N/A			
Diesel Particulate Matter	65	67	81	88	93	9 99		
Air Toxics Cancer Risk	53	38	99	72	0	9 99		
Air Toxics Respiratory Hazard Index	92	78	9 97	98	9 97	100		
Toxic Releases to Air	9 9	D 99	D 99	77	84	9 97		
Traffic Proximity	99	D 99	9 9	95	9 97	9 99		
Lead Paint	99	9 99	9 99	94	9 96	9 99		
Risk Management Plan (RMP) Facility Proximity	9 9	D 99	100	92	9 95	100		
Hazardous Waste Proximity	95	9 97	99	64	74	9 96		

Download Data

Census Block Group ID: 720970823003	US (US (Percentile)		State	State (Percentile)			
Supplemental Indexes	Facility Census Block Group	- 1=mile Δvσ		Facility Census Block Group	1-mile Avg	1-mile Max		
Superfund Proximity	9 8	99	99	59	67	90		
Underground Storage Tanks (UST)	99	D 99	100	95	96	99		
Wastewater Discharge	99	D 99	99	70	76	95		
Map Display Based on:	🔘 us 🔘 s	State						
Display Map Layer Sur	nmary - Numb	per of In	dexes					



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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	14,856
Population Density	7,450/sq.mi.
Housing Units in Area	9,227
Percent People of Color	100%
Households in Area	5,947
Households on Public Assistance	649
Persons With Low Income	13,252
Percent With Low Income	91%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.206255
Center Longitude	-67.152605
Land Area	64%
Water Area	36%

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

Less than \$15,000	4,308 (72.45%)
\$15,000 - \$25,000	662 (11.13%)
\$25,000 - \$50,000	607 (10.21%)
\$50,000 - \$75,000	178 (2.99%)
Greater than \$75,000	191 (3.21%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	717 (5%)
Minors 17 years and younger	3,218 (22%)
Adults 18 years and older	11,636 (78%)
Seniors 65 years and older	2,317 (16%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

White	2,401 (16%)
African-American	0 (0%)
Hispanic-Origin	14,827 (100%)
Asian	5 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	11,389 (77%)

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

Persons (%)	
Less than 9th Grade	1,531 (20.22%)
9th through 12th Grade	649 (8.57%)
High School Diploma	2,241 (29.6%)
Some College/2-year	912 (12.04%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,731 (22.86%)

Exhibit 7R2



Detailed Facility Report

Facility Summary WESTERN RECYCLING OF PR INC PT

69 GONZALEZ CLEMENTE AVE &, MAYAGUEZ, PR 00708

FRS (Facility Registry Service) ID: 110007821161 EPA Region: 02 Latitude: 18.206566 Longitude: -67.151743 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

Resource Conservation and Recovery Act (RCRA): Inactive **Toxic Releases (TRI):** No Information Other, (PRR000009084)

Air Emissions Inventory (EIS): No Information Greenhouse Gas Emissions (eGGRT): No Information Toxic Releases (TRI): No Information Safe Drinking Water Act (SDWA): No Information

Industry Classification System)

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		110007821161					Ν	18.206566	-67.151743
RCRAInfo	RCRA	PRR000009084	Other	Inactive ()			Ν		

Facility Address

System	Statute	e Identifier Facility Name		Facility Address	Facility County
FRS		110007821161	WESTERN RECYCLING OF PR INC PT	69 GONZALEZ CLEMENTE AVE &, MAYAGUEZ, PR 00708	Mayagüez Municipio
RCRAInfo	RCRA	PRR000009084	WESTERN RECYCLING OF PR INC PT	69 GONZALEZ CLEMENTE AVE &, MAYAGUEZ, PR 00708	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes	-		-
	No data	a records retur	ned	System	Identifier	NAICS Code	NAICS Description
					No da	ta records retu	rned
				Facilit	ty Tribe	e Inform	ation
				Reservation I	Name Tribe Na	me EPA Tribal ID	Distance to Tribe (miles)
					No da	ta records retu	rned

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 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	PRR000009084	No	10/12/2024	0	10/11/2024
Three-Year Compliance History by Quarter

Statute	tute Program/Pollutant/Violation Type		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: PRR000009084)		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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed WBD (Watershed Boundary Dataset) HUC Boundary Dataset) HUC Dataset) Subwatershed (RAD (Reach Address (RAD (Reach Address Database)) Database))	Name (ICIS (Integrated	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		
	No data records returned											
Air Quality Nonattainment Areas												
Pollutar	t With	in Nonattainment Area?	Status Non	attainment Stat Standarc		Within Maintenance Status Maintenance Status Applie Area? Standard(s)				able		
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 Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Census Block Group ID: 720970823003 US (Percentile)				State (Percentile)			
Supplemental Indexes	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	9	8	10	5	6	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	65	67	81	88	93	9 99	
Air Toxics Cancer Risk	53	38	99	72	0	9 99	
Air Toxics Respiratory Hazard Index	92	78	97	98	9 97	100	
Toxic Releases to Air	9 9	D 99	9 9	77	84	9 97	
Traffic Proximity	99	D 99	99	95	9 97	9 99	
Lead Paint	99	9 99	99	94	9 96	9 99	
Risk Management Plan (RMP) Facility Proximity	9 9	D 99	100	92	D 95	100	
Hazardous Waste Proximity	95	9 97	99	64	75	9 96	

Download Data

Census Block Group ID: 720970823003	US (Percentile)		State (Percentile)			
Supplemental Indexes	Facility Census Block Group	1 mile Δvσ		Facility Census Block Group	1-mile Avg	; 1-mile Max	
Superfund Proximity	98	99	99	59	67	90	
Underground Storage Tanks (UST)	99	99	100	95	96	99	
Wastewater Discharge	99	99	99	70	76	95	
Map Display Based on:	🔘 US 🔘 S	State					
Display Map Layer Summary - Number of Indexes							



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 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 ACS census block groups 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 (ACS (American Community Survey))								
Total Persons	15,146							
Population Density	7,239/sq.mi.							
Housing Units in Area	9,485							
Percent People of Color	100%							
Households in Area	6,099							
Households on Public Assistance	670							
Persons With Low Income	13,482							
Percent With Low Income	91%							

Geography Radius of Selected Area Center Latitude

Center Longitude	-67.151743
Land Area	67%
Water Area	33%

1 mi.

18.206566

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

Less than \$15,000	4,400 (72.13%)
\$15,000 - \$25,000	692 (11.34%)
\$25,000 - \$50,000	623 (10.21%)
\$50,000 - \$75,000	182 (2.98%)
Greater than \$75,000	203 (3.33%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	714 (5%)
Minors 17 years and younger	3,222 (21%)
Adults 18 years and older	11,925 (79%)
Seniors 65 years and older	2,419 (16%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

2,470 (16%)
0 (0%)
15,112 (100%)
5 (0%)
0 (0%)
0 (0%)
11,578 (76%)

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

Persons (%)	
Less than 9th Grade	1,577 (20.23%)
9th through 12th Grade	667 (8.56%)
High School Diploma	2,308 (29.61%)
Some College/2-year	935 (12%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,791 (22.98%)





Detailed Facility Report

Facility Summary

BUMBLE BEE INTERNATIONAL INC

PR-341 KM 4.5 AVENIDA GONZALEZ CLEMENTE, MAYAGUEZ, PR 00681

FRS (Facility Registry Service) ID: 110001659982 EPA Region: 02 Latitude: 18.206483 Longitude: -67.151746 Locational Data Source: FRS Industries: Food Manufacturing Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	
Date of Last Compliance Monitoring Activity	
Compliance Status	
Qtrs in Noncompliance (of 12)	
Qtrs with Significant Violation	
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)	-



Detailed Facility Report

Facility Summary AUTORIDAD DE CARRETERAS Y TRANSPORTACION

PR-102 AVE GONZALEZ CLEMENTE, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110031407939

EPA Region: 02

Latitude: 18.22053

Longitude: -67.15507

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

Statute	CWA
Compliance Monitoring Activities (5 years)	
Date of Last Compliance Monitoring Activity	
Compliance Status	
Qtrs in Noncompliance (of 12)	
Qtrs with Significant Violation	
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 InformationAir Emissions Inventory (EIS): 15510911Clean Water Act (CWA): No InformationGreenhouse Gas Emissions (eGGRT): No InformationResource Conservation and Recovery Act (RCRA):Toxic Releases (TRI): 00708BMBLBSTREENo InformationCompliance and Emissions Data ReportingSafe Drinking Water Act (SDWA): No InformationInterface (CEDRI):
No Information

Other Regulatory Reports

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		110001659982					Ν	18.206483	-67.151746
ICIS		2655783					Ν	18.22162	-67.168513
EIS	CAA	15510911					Ν	18.2231	-67.1669
TRI	EP313	00708BMBLBSTREE	Toxics Release Inventory	Last Reported for 1993			Ν	18.219631	-67.168139

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110001659982	BUMBLE BEE INTERNATIONAL	PR-341 KM 4.5 AVENIDA GONZALEZ CLEMENTE, MAYAGUEZ, PR 00681	Mayagüez Municipio
ICIS		2655783	BUMBLE BEE INT'L INC.	341 ROAD KM 4.5 GONZALEZ CLEMEN, MAYAGUEZ, PR 00681	Mayagüez Municipio
EIS	CAA	15510911	BUMBLE BEE INTERNATIONAL, INC.	PR-341, KM 4.5, GONZALEZ CLEMENTE AVE., MAYAGUEZ, PR 00681	Mayagüez Municipio
TRI	EP313	00708BMBLBSTREE	BUMBLE BEE INTERNATIONAL	RD 341 KM 45 GOINZALEZ CLEMENTE AVE, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description
	No data	records retu	rned	TRI	00708BMBLBSTREE	221310	Water Supply and Irrigation Systems
				TRI	00708BMBLBSTREE	311711	Seafood Canning
				EIS	15510911	311710	Seafood Product Preparation and Packaging
				Fee	:1:+ m:L	o Tm	formation

Facility Tribe Information

Reservation	Tribe	EPA Tribal	Distance to Tribe
Name	Name	ID	(miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History					Last 5 Y	'ears		
Statut	e Source ID	System	Activity Type	Compliance Monitorin	ig 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/compliance/compliance/compliance-monitoring-programs activities or 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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No data records returned

Three-Year Compliance History by Quarter

Informa	l Enforc	ement Act	ions	Last 5 Years		
Statute	System	Source ID	ту	ype of Action	Lead Agency	Date

No data records returned

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



No data records returned

Environmental Conditions

Watersheds

12-Digit WBDWBD (Watershed(Watershed BoundaryBoundary Dataset)Dataset) HUC (RADSubwatershed Name (RAI(Reach Address(Reach AddressDatabase))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	Nonattainment Status Applicable	Within Maintenance Status	Maintenance Status Applicable		
	Area?	Standard(s)	Area?	Standard(s)		

No data records returned

Pollutants

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

TRI Year Facility ID

Surface Water Emissions Discharges

Air

Off-Site Transfers to POTWs (Publicly Owned Treatment Works)

Underground Injections

Disposal to **Total On-Site** Land

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

Census Block Group ID: 720970823003	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	9	8	10	5	6	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	65	67	81	88	93	9 99	
Air Toxics Cancer Risk	53	38	99	72	0	9 99	
Air Toxics Respiratory Hazard Index	92	78	97	98	97	100	
Toxic Releases to Air	99	9 99	99	77	84	9 97	
Traffic Proximity	99	9 99	99	95	97	99	
Lead Paint	99	9 99	99	94	96	99	
Risk Management Plan (RMP) Facility Proximity	99	9 99	100	92	95	100	
Hazardous Waste Proximity	95	97	9 9	64	75	96	
Superfund Proximity	98	9 99	99	59	67	90	
Underground Storage Tanks (UST)	99	9 99	100	95	96	9 99	
Wastewater Discharge	99	99	99	70	76	95	

Display Map Layer Summary - Number of Indexes

○ Facility 1-mile Radius □ Facility Census Block Group

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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	18,686
Population Density	9,218/sq.mi.
Housing Units in Area	9,719

General Statistics (ACS (American Community Survey))				
Total Persons	15,201			
Percent People of Color	100%			
Households in Area	6,125			
Households on Public Assistance	672			
Persons With Low Income	13,536			

Percent With Low Income 9	91%		
Coossister			
Geography			
Radius of Selected Area 1 mi.			
Center Latitude 18.20648	3		
Center Longitude -67.15174	6		
Land Area 66%			
Water Area 34%			

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,127 (6%)
Minors 17 years and younger	3,795 (20%)
Adults 18 years and older	14,891 (80%)
Seniors 65 years and older	2,633 (14%)

Race Breakdown (U.S. Census) - Persons (%)				
White	13,935 (75%)			
African-American	1,709 (9%)			
Hispanic-Origin	18,514 (99%)			
Asian/Pacific Islander	47 (0%)			
American Indian	205 (1%)			
Other/Multiracial	2,790 (15%)			

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)				
Less than 9th Grade	1,588 (20.29%)			
9th through 12th Grade	672 (8.59%)			
High School Diploma	2,318 (29.62%)			

Some College/2-year	938 (11.98%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,790 (22.87%)

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

Less than \$15,000	4,418 (72.18%)
\$15,000 - \$25,000	696 (11.37%)
\$25,000 - \$50,000	624 (10.19%)
\$50,000 - \$75,000	182 (2.97%)

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

Greater than \$75,000

201 (3.28%)

ECHQ Detailed Facility Report

Facility Summary UPR-MAYAGUEZ CAMPUSOFICINA DEL RECTOR

EDIFICIO JOSÉ DE DIEGO OFICINA 201, MAYAGUEZ, PR 00681

FRS (Facility Registry Service) ID: 110064634490 EPA Region: 02 Latitude: 18.211583 Longitude: -67.140722 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	05/10/2021
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 (PRR040010)

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>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110064634490					N	18.211583	- 67.140722
ICIS-NPDES	CWA	PRR040010	Non-Major: General Permit Covered Facility	Expired; Compliance Tracking Partially Off	Urban Stormwater (Small MS4)	06/30/2021	N	18.211583	67.140722

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	Address
----------	---------

System Statute Identifier Facility Name				Name		Facility Add	iress	Facility County	
FRS		110064634490	UPR-MAYAGUEZ CAMPUSOFICINA	A DEL RECTOR	EDIFICIO JOSÉ DE				
CIS-NPDES	CWA	PRR040010	UPR-MAYAGUEZ CAMPUSOFICINA	A DEL RECTOR	EDIFICIO JOSÉ DE	DIEGO OFICINA 201, MAYA	GUEZ, PR 00681	Mayagüez Municipio	
		(Standar on) Codes	rd Industrial s				orth Americ (em) Codes	an Industry	
System	l	dentifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description	
		No data r	ecords returned			No da	ita records returned		
acilit	y Indı	istrial Ef	f luent Guide l	lines	Facility	Tribe Info	rmation		
Identifier	Efflue	nt Guideline (40 CFR	Part) Effluent Gu	ideline Description	Reservation N	ame Tribe Name	EPA Tribal ID	Distance to Tribe (miles)	
Identifier Effluent Guideline (40 CFR Part) Effluent Guideline Description					No data records returned				
		No data r	ecorus returneu			Nout	ita records returned		
		d Compliand	се •• . Г	Last 5 Years					
		d Compliand	ce		ce Monitoring Type	Lead A		Finding (if applicable)	

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
CWA	PRR040010	No	06/30/2024	0	10/11/2024

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
cw	CWA (Source ID: PRR040010)		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	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Quarterly Noncompliance Report History	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined

Informal Enforcement Actions Last 5 Years

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

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



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?
210100030302	Quebrada del Oro		No	No		Yes

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	2022	PRWQ80A	QUEBRADA DEL ORO	Impaired - With Restoration Plan	PATHOGENS	Not Assessed	Insufficient Information		Not Supporting	
Air	Air Quality Nonattainment Areas									
Pollut	tant V	Vithin Nonattainment	Status Area?	Nonattainment Status Applicab	ole Standard(s)	Within Maintenanc	e 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 Monit Pollutant Loadings	Coring Report (DMR) 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

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type	Supplemental (default)

EJScreen Community Report

Downloa							
Census Block Group ID: 720970801001	US (Percentile)		State (Percentile)			
Supplemental Indexes	Facility Census Block Group			Facility Census Block Group	1-mile Avg	1-mile Max	
Count of Indexes At or Above 90th Percentile	0	8	9	0	5	10	
Particulate Matter 2.5	-	N/A			N/A		
Ozone	-	N/A			N/A		
Diesel Particulate Matter	0	60	81	0	88	98	
Air Toxics Cancer Risk	0	36	58	0	0	96	
Air Toxics Respiratory Hazard Index	0	80	97	0	97	100	
Toxic Releases to Air	0	99	99	0	76	97	
Traffic Proximity	0	99	99	0	93	99	
Lead Paint	0	99	9 99	0	93	9 99	

○ 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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	13,829
Population Density	4,589/sq.mi.
Housing Units in Area	9,699
Percent People of Color	99%
Households in Area	5,819
Households on Public Assistance	399
Persons With Low Income	11,624
Percent With Low Income	86%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.211583
Center Longitude	-67.140722
Land Area	97%

Age Breakdown (ACS (American Community Survey)) - Persons (%)								
Children 5 years and younger	410 (3%)							
Minors 17 years and younger	1,749 (13%)							
Adults 18 years and older	12,080 (87%)							
Seniors 65 years and older	2,939 (21%)							
Race Breakdown (ACS (American Community Survey)) - Persons (%)								
White	2,606 (19%)							
African-American	0 (0%)							
Hispanic-Origin	13,719 (99%)							
Asian	4 (0%)							
Hawaiian/Pacific Islander	0 (0%)							
American Indian	0 (0%)							
Other/Multiracial	10,223 (74%)							

Geography	
Water Area	3%
Income Breakdown (ACS (American Community Survey)) - Ho	ouseholds (%)
Less than \$15,000	3,578 (61.54%)
\$15,000 - \$25,000	897 (15.43%)
\$25,000 - \$50,000	737 (12.68%)
\$50,000 - \$75,000	282 (4.85%)
Greater than \$75,000	320 (5.5%)

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

Less than 9th Grade	1,075 (13.78%)
9th through 12th Grade	733 (9.4%)
High School Diploma	2,214 (28.39%)
Some College/2-year	994 (12.75%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,292 (29.39%)

Exhibit 7T2



Detailed Facility Report

Facility Summary UNIVERSITY OF PR - MAYAGUEZ CAM

24 POST ST, MAYAGUEZ, PR 00681

FRS (Facility Registry Service) ID: 110024557237 EPA Region: 02 Latitude: 18.209182 Longitude: -67.1415 Locational Data Source: FRS

Industries: Educational Services

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 **Toxic Releases (TRI):** No Information Other, (PRR000018093)

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

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		110024557237					Ν	18.209182	-67.1415
RCRAInfo	RCRA	PRR000018093	Other	Inactive ()			N		

Facility Address

Identifier

System

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110024557237	UNIVERSITY OF PR - MAYAGUEZ CAM	24 POST ST, MAYAGUEZ, PR 00681	Mayagüez Municipio
RCRAInfo	RCRA	PRR000018093	UNIVERSITY OF PR - MAYAGUEZ CAM	24 POST ST, MAYAGUEZ, PR 00681-9000	Mayagüez Municipio

Facility SIC (Standard Industrial
Classification) CodesFacility NAICS (North American
Industry Classification System)

SIC Code

Codes

No data records returned	System	Identifier	NAICS Code	N	AICS Description		
	RCRAInfo	PRR00001809	61131	ersities, and Professional			
	Facility Tribe Information						
	Reservat	ion Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)		
			No data re	cords returi	ned		

SIC Description

Enforcement and Compliance

Comp	pliance	e Mon	itoring	History	Last 5 Years			
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data re	cords 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	PRR000018093	No	10/12/2024	0	10/11/2024	

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: PRR000018093)		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	07/01- 09/30/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ 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	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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
	No data records returned									
Air Quality Nonattainment Areas										
Polluta	ant With	in Nonattainment Area?	Status Non	attainment Stat Standarc			enance Status ea?		e Status Applic andard(s)	able

No data records returned

Pollutants

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

Off-Site Transfers to POTWs (Publicly

TRI Year Facility ID Emissions Surface Water Discharges

Owned Treatment Works) Injections

Underground 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

Air

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 Supplemental/EJ index percentiles ≥ 90 (1-mile average)

EIScreen Indexes Shown

Census Block Group ID: 720970801001

Supplemental Indexes

Related Reports

EJScreen Community Report

Index	Type
muex	Type

Supplemental (default)

State (Percentile) US (Percentile) **Facility Census Facility Census** 1-mile Avg 1-mile Max 1-mile Avg 1-mile Max 0

Block Group			Block Group	-	
0	8	9	0	6	10
	N/A			N/A	
	N/A			N/A	
0	63	81	0	90	99
0	36	59	0	0	97
0	76	97	0	97	D 100
0	9 99	99	0	77	97
0	99	99	0	94	99
0	9 99	99	0	94	99
	• • • • • • • • • • • • • • • • • • •	0 8 N/A N/A 0 63 0 36 0 76 0 99 0 99	0 8 9 N/A N/A 0 63 81 0 36 59 0 76 97 0 99 99 0 99 99	N/A 9 0 N/A N/A 0 63 81 0 0 36 59 0 0 76 97 0 0 99 999 0	0 8 9 0 6 N/A N/A N/A N/A N/A N/A 0 63 81 0 90 0 36 59 0 0 0 76 977 0 977 0 999 999 0 777 0 999 999 0 94

Download Data

Census Block Group ID: 720970801001		US (State (Percentile)						
Supplemental Indexes		Facility Census Block Group	1-mile A	vg 1-mile Max	Facility Census Block Group	1-mi	le Avg	1-mile Max	r
Risk Management Plan (RMP) Facility	/ Proximity	0	99	100	0	0 9	93	100	
Hazardous Waste Proximity		0	97	99	0	-	77	99	-
Superfund Proximity		0	99	99	0	6	51	85	-
Underground Storage Tanks (UST)		0	99	100	0	0 9) 3	99	-
Wastewater Discharge		0	99	99	0		76	95	-
Display Map Layer	Sullin	nary - Numb		nuexes					
			(◯ Facility	1-mile Radiu	IS		Facility (Census Block Gro
				1	B elley		1		Leguiz



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 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 ACS census block groups 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>.

296 (4.44%)

292 (4.38%)

General Statistics (ACS (American Community Survey))
Total Persons	15,449
Population Density	5,228/sq.mi.
Housing Units in Area	10,960
Percent People of Color	100%
Households in Area	6,676
Households on Public Assistance	533
Persons With Low Income	13,170
Percent With Low Income	87%
Geography	
5.7	
Radius of Selected Area	1 mi.
Center Latitude	18.209182
Center Longitude	-67.1415
Land Area	95%
Water Area	5%
Income Breakdown (ACS (American Community Surve	
Less than \$15,000	4,185 (62.71%)
\$15,000 - \$25,000	1,071 (16.05%)
\$25,000 - \$50,000	830 (12.44%)

\$50,000 - \$75,000

Greater than \$75,000

Age Breakdown (ACS (American Community Survey)) - Persons (%)					
Children 5 years and younger	449 (3%)				
Minors 17 years and younger	2,016 (13%)				
Adults 18 years and older	13,431 (87%)				
Seniors 65 years and older	3,442 (22%)				

Race Breakdown (ACS (American Community Survey)) - Persons (%)						
White	2,938 (19%)					
African-American	0 (0%)					
Hispanic-Origin	15,360 (99%)					
Asian	5 (0%)					
Hawaiian/Pacific Islander	0 (0%)					
American Indian	0 (0%)					
Other/Multiracial	11,320 (73%)					

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

Less than 9th Grade	1,408 (15.56%)
9th through 12th Grade	890 (9.84%)
High School Diploma	2,677 (29.59%)
Some College/2-year	1,155 (12.77%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,352 (26%)

Exhibit 7T3



Detailed Facility Report

Facility Summary NATATORIO DE MAYAGUEZ

259 ANTONIO VALDES BLVD, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110037441328 EPA Region: 02 Latitude: 18.208636 Longitude: -67.14272 Locational Data Source: RCRAINFO Industries: --Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000021717)

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

Industry Classification System)

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		110037441328					Ν	18.208636	- 67.14272
RCRAInfo	RCRA	PRR000021717	VSQG	Active (H)			N	18.208636	-67.14272

Facility Address

System	Statute	e Identifier Facility Name		Facility Address	Facility County
FRS		110037441328	NATATORIO DE MAYAGUEZ	259 ANTONIO VALDES BLVD, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRR000021717	NATATORIO DE MAYAGUEZ	259 ANTONIO VALDES BLVD, MAYAGUEZ, PR 00860	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

System	Identifier	SIC Code	SIC Description	Codes	-			-			
	No data	records retur	ned	System	Identifier	N	AICS Code	NAICS Description			
					No	data r	ecords retur	ned			
				Facility Tribe Information							
				Reservation	Name Trib	e Name	EPA Tribal ID	Distance to Tribe (miles)			
							ecords retur	ned			

Enforcement and Compliance

Comj	pliance	e Mor	itoring	History	Last 5 Years			
Statute	Source ID	System	Activity Type	Compliance	Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data rec	cords returned			

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy 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	PRR000021717	No	10/12/2024	0	10/11/2024

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: PRR000021717)	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	07/01- 09/30/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified			No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

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

Environmental Conditions

Watersheds

Boundary Dataset) HUC Dataset) Sub (RAD (Reach Address (RAD (Re	rshed Boundary watershed Name (ICIS (Integrated cach Address (abase)) 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									Other Use			
	No data records returned												
Air Quality Nonattainment Areas													
Polluta	Within Nonattainment Status Nonattainment Status Applicable Within Maintenance Status Maintenance Status Applicable Pollutant Area? Standard(s) Area? 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

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

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

EJScreen Community Report

Index Type

Supplemental (default)

Download Data

					DOWING	Jau Dala
Census Block Group ID: 720970801001	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	0	8	10	0	6	10
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	0	64	81	0	90	99
Air Toxics Cancer Risk	0	36	99	0	0	99
Air Toxics Respiratory Hazard Index	0	76	97	0	9 97	100
Toxic Releases to Air	0	99	99	0	78	97
Traffic Proximity	0	99	99	0	9 95	99
Lead Paint	0	9 99	99	0	9 95	99
Risk Management Plan (RMP) Facility Proximity	0	99	100	0	93	100
Hazardous Waste Proximity	0	9 97	99	0	78	9 99
Superfund Proximity	0	99	99	0	61	90





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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	15,914
Population Density	5,521/sq.mi.
Housing Units in Area	11,149
Percent People of Color	100%
Households in Area	6,879
Households on Public Assistance	573
Persons With Low Income	13,656
Percent With Low Income	88%

GeographyRadius of Selected Area1 mi.Center Latitude18.208636Center Longitude-67.14272Land Area92%Water Area8%

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

Less than \$15,000	4,391 (63.79%)
\$15,000 - \$25,000	1,073 (15.59%)
\$25,000 - \$50,000	843 (12.25%)
\$50,000 - \$75,000	293 (4.26%)
Greater than \$75,000	284 (4.13%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)

Children 5 years and younger	497 (3%)
Minors 17 years and younger	2,197 (14%)
Adults 18 years and older	13,719 (86%)
Seniors 65 years and older	3,479 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%) White 2 978 (19%)

white	2,978 (19%)
African-American	0 (0%)
Hispanic-Origin	15,829 (99%)
Asian	5 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	11,724 (74%)

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

Persons (%)	
Less than 9th Grade	1,514 (16.33%)
9th through 12th Grade	911 (9.83%)
High School Diploma	2,743 (29.58%)
Some College/2-year	1,177 (12.69%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,345 (25.29%)

Exhibit 7T4



Detailed Facility Report

Facility Summary UNIVERSITY OF PUERTO RICO MAYAGUEZ CAMPUS

252 ALFONSO VALDEZ BLVD, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110046539493

EPA Region: 02

Latitude: 18.208636

Longitude: -67.14272

Locational Data Source: RCRAINFO

Industries: Educational Services

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	
Date of Last Compliance Monitoring Activity	03/28/2005
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, (PRD987367620)

Compliance and Emissions Data Reporting Interface (CEDRI): 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		110046539493					Ν	18.208636	-67.14272
RCRAInfo	RCRA	PRD987367620	SQG	Active (H)			Ν	18.208636	-67.14272

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110046539493	UNIVERSITY OF PUERTO RICO MAYAGUEZ CAMPUS	252 ALFONSO VALDEZ BLVD, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRD987367620	UNIVERSITY OF PUERTO RICO MAYAGUEZ CAMPUS	252 ALFONSO VALDEZ BLVD, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Facility NAICS (North American **Classification**) Codes

Industry Classification System) SIC Description Codes

System	Identifier	SIC Code	SIC Description	Code	es							
	No data	records retur	ned	System	Identifier	NAICS Code	N	AICS Description				
				RCRAInfo PRD987367620 61131 Colleges, Universities, Schools			versities, and Professional					
				Facility Tribe Information								
Reservation Name Tribe Name EPA Trib							EPA Tribal ID	Distance to Tribe (miles)				

No data records returned

Enforcement and Compliance

Compliance Monitoring History			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	PRD987367620	No	10/12/2024	0	10/11/2024	

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: PRD987367620)		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	07/01- 09/30/24
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified
	Violation Agency												

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	lssued/ 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	WBD (Watershed Boundary	State Water Body Name	Beach	Beach	Pollutants	Watershed with ESA
Boundary Dataset) HUC	Dataset) Subwatershed Name	(ICIS (Integrated	Closures	Closures	Potentially	(Endangered Species
(RAD (Reach Address	(RAD (Reach Address	Compliance Information	Within Last	Within Last	Related to	Act)-listed Aquatic
Database))	Database))	System))	Year	Two Years	Impairment	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
	No data records returned									
Air	Air Quality Nonattainment Areas									
Polluta	PollutantWithin Nonattainment StatusNonattainment Status Applicable Standard(s)Within Maintenance StatusMaintenance Status Applicable Standard(s)					able				

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 Relea

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 7/13/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRD987367620	Hazardous Waste	34,292	76,584	2,176	2,282
PRD987367620	Acute Hazardous Waste	0	0-23	0-3	0
PRD987367620	Pharmaceutical Hazardous Waste	0	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 Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Total Off-Site

Transfers

n-Site

ases

Census Block Group ID: 720970801001	US (Percentile)		State (Percentile)			
Supplemental Indexes	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 Percent	le 0	8	10	0	6	10	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	0	64	81	0	90	99	
Air Toxics Cancer Risk	0	36	99	0	0	99	
Air Toxics Respiratory Hazard Index	0	76	97	0	97	100	
Toxic Releases to Air	0	99	99	0	78	97	
Traffic Proximity	0	99	99	0	95	99	
Lead Paint	0	99	99	0	9 95	99	
Risk Management Plan (RMP) Facility Proxim	ty 0	99	100	0	93	100	
Hazardous Waste Proximity	0	97	99	0	78	99	
Superfund Proximity	0	99	99	0	61	90	
Underground Storage Tanks (UST)	0	99	100	0	93	99	
Wastewater Discharge	0	99	99	0	76	95	
Map Display Based on: Display Map Layer Sur	US OS	State per of Inc	dexes				
		С	Facility	1-mile Radiu	is 🗆	Facility (

2	km	
1	mi	

Demographic Profile of Surrounding Area (1-Mile Radius)

8%

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 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 ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <hr/>
<hr/>
<hr/>
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General Statistics (ACS (American Community Survey))	
Total Persons	15,914
Population Density	5,521/sq.mi.
Housing Units in Area	11,149
Percent People of Color	100%
Households in Area	6,879
Households on Public Assistance	573
Persons With Low Income	13,656
Percent With Low Income	88%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.208636
Center Longitude	-67.14272
Land Area	92%

Income Breakdown (ACS (American Community Survey)) - Household	ls (%)

Water Area

,	
Greater than \$75,000	284 (4.13%)
\$50,000 - \$75,000	293 (4.26%)
\$25,000 - \$50,000	843 (12.25%)
\$15,000 - \$25,000	1,073 (15.59%)
Less than \$15,000	4,391 (63.79%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)
Children 5 years and younger	497 (3%)
Minors 17 years and younger	2,197 (14%)
Adults 18 years and older	13,719 (86%)
Seniors 65 years and older	3,479 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)

Contraction of the second seco

	•	 • •	
White		2,978 (19%)	
African-American		0 (0%)	
Hispanic-Origin		15,829 (99%)	
Asian		5 (0%)	
Hawaiian/Pacific Islander		0 (0%)	
American Indian		0 (0%)	
Other/Multiracial		11,724 (74%)	

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

Persons (%)	
Less than 9th Grade	1,514 (16.33%)
9th through 12th Grade	911 (9.83%)
High School Diploma	2,743 (29.58%)
Some College/2-year	1,177 (12.69%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,345 (25.29%)
Exhibit 7U1



Detailed Facility Report

Facility Summary COMPANIA CERVECERA DE PUERTO RICO INC

32 POST BETANCES STREET, MAYAGUEZ, PR 00681

FRS (Facility Registry Service) ID: 110007342697

EPA Region: 02

Latitude: 18.209444

Longitude: -67.141667

Locational Data Source: AIR

Industries: Beverage and Tobacco Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	04/25/2022
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): Operating 80% Synthetic Minor (PR0000007209700007)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007342697					N	18.209444	-67.141667
ICIS-Air	CAA	PR0000007209700007	80% Synthetic Minor Emissions	Operating	CAAGACTM, CAARMP, CAASIP, CAATVP		N	18.209444	-67.141667

Facility Address

s	ystem	Statute	Identifier	Facility Name	Facility Address	Facility County
	FRS		110007342697	COMPANIA CERVECERA DE PUERTO RICO INC	32 POST BETANCES STREET, MAYAGUEZ, PR 00681	Mayagüez Municipio
1	C I S-Air	CAA	PR0000007209700007	COMPANIA CERVECERA DE PUERTO RICO INC	100 BLVD. ALFONSO VALDEZ, MAYAGUEZ, PR 00681	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007209700007	2082	Malt Beverages

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007209700007	312120	Breweries

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)
CAA	PR0000007209700007	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	04/03/2023	
CAA	PR0000007209700007	ICIS-Air	Inspection/Evaluation	FCE On-Site	EPA	04/25/2022	
CAA	PR0000007209700007	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	03/27/2022	Reviewed: 07/07/2022 Facility Reported Deviations

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/compliance/compliance-monitoring-programs activities or because they are not counted as inspections within EPA's Annual Results https://www.epa.gov/enforcement/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
CAA	PR0000007209700007	Νο	10/12/2024	0	10/11/2024

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+
CAA (Source ID: PR0000007209700007)		10/01-	01/01-	04/01-	07/01-	10/01-	01/01-	04/01-	07/01-	10/01-	01/01-	04/01-	07/01-
		12/31/21	03/31/22	06/30/22	09/30/22	12/31/22	03/31/23	06/30/23	09/30/23	12/31/23	03/31/24	06/30/24	09/30/24

Statute	Progra	am/Pollu	tant/Violati	on 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+
		Facility-	Level Statu	s	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified		No Violation Identified				No Violation Identified		
		HPV	History													
	Violation Type	Agency	Programs	Pollutants												
Informal Enforcement Actions Last 5 Years																

Statute System Source ID		ent Actions	Last 5 Years	
Statute	System	Source ID	Type of Action	Lead Agency

No data records returned

Date

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/ Source ID Type of Case Lead Case Name							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?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)

No data records returned

Pollutants

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

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

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

Chemical Name

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 Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type

Supplemental (default)

EJScreen Community Report

Download Data							
Census Block Group ID: 720970801001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	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	0	8	9	0	6	10	
Particulate Matter 2.5	-	N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	0	63	81	0	90	99	
Air Toxics Cancer Risk	0	36	59	0	0	97	
Air Toxics Respiratory Hazard Index	0	76	97	0	97	9 100	
Toxic Releases to Air	0	9 99	99	0	77	97	
Traffic Proximity	0	9 99	99	0	94	99	
Lead Paint	0	99	99	0	94	99	
Risk Management Plan (RMP) Facility Proximity	0	9 99	9 100	0	93	9 100	
Hazardous Waste Proximity	0	9 97	99	0	77	99	
Superfund Proximity	0	9 99	99	0	61	85	
Underground Storage Tanks (UST)	0	9 99	100	0	93	99	
Wastewater Discharge	0	99	99	0	76	95	

Map Display Based o	n: 🔘 US 🔵 State		
Display Map Layer	Summary - Number of Indexes	5	
		O Facility 1-mile Radiu	s 🔲 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 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 ACS census block groups 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 (ACS (American Community Survey))	
Total Persons	15,293
Population Density	5,181/sq.mi.
Housing Units in Area	10,830
Percent People of Color	100%
Households in Area	6,592
Households on Public Assistance	521
Persons With Low Income	13,031
Percent With Low Income	87%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.209444
Center Longitude	-67.141667
Land Area	95%
Water Area	5%
Income Breakdown (ACS (American Community Survey)) -	- Households (%)
Less than \$15,000	4,136 (62.74%)
\$15,000 - \$25,000	1,051 (15.94%)
\$25,000 - \$50,000	820 (12.44%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)					
Children 5 years and younger	451 (3%)				
Minors 17 years and younger	1,992 (13%)				
Adults 18 years and older	13,299 (87%)				
Seniors 65 years and older	3,387 (22%)				
Race Breakdown (ACS (American Communit	ty Survey)) - Persons (%)				
White	2,905 (19%)				
African-American	0 (0%)				
Hispanic-Origin	15,202 (99%)				
Asian	5 (0%)				
Hawaiian/Pacific Islander	0 (0%)				
American Indian	0 (0%)				
Other/Multiracial	11,203 (73%)				
Education Level (Persons 25 & older) (ACS (, (%)	American Community Survey)) - Persons				
Less than 9th Grade	1,375 (15.41%)				
9th through 12th Grade	875 (9.81%)				
High School Diploma	2,630 (29.48%)				
Some College/2-year	1,136 (12.73%)				

Income Breakdown (ACS (American Community Survey)) - Households (%)		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Pers		
\$50,000 - \$75,000	290 (4.4%)	(%)		
Greater than \$75,000	295 (4.48%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More 2,347 (26.31%)		
Greater than \$75,000	255 (4.4870)			

ECHQ Detailed Facility Report

Facility Summary COMPANIA CERVECERA DE PUERTO RICO, INC.

100 BLVD. ALFONSO VALDEZ, MAYAGUEZ, PR 00680

FRS (Facility Registry Service) ID: 110000307757 EPA Region: 02 Latitude: 18.206944 Longitude: -67.141667 Locational Data Source: TRIS Industries: Beverage and Tobacco Product Manufacturing Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	02/07/2023
Compliance Status	-
Qtrs in Noncompliance (of 12)	-
Qtrs with Significant Violation	-
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	1
Penalties from EPA Cases (5 years)	\$6,900
Statute	CWA
Statute Compliance Monitoring Activities (5 years)	CWA
Compliance Monitoring Activities (5 years)	-
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity	
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status	 12/13/2007 Violation Identified
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12)	 12/13/2007 Violation Identified 3
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation	 12/13/2007 Violation Identified 3 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years)	 12/13/2007 Violation Identified 3 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years) Formal Enforcement Actions (5 years)	 12/13/2007 Violation Identified 3 0

Statute	EPCRA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	02/10/2023
Compliance Status	
Qtrs in Noncompliance (of 12)	-
Qtrs with Significant Violation	-
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)	-
Statute	RCRA
Statute Compliance Monitoring Activities (5 years)	RCRA
Compliance Monitoring Activities (5 years)	-
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity	- 03/13/2013
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status	 03/13/2013 No Violation Identified
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12)	 03/13/2013 No Violation Identified 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation	03/13/2013 No Violation Identified 0 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years)	 03/13/2013 No Violation Identified 0 0
Compliance Monitoring Activities (5 years) Date of Last Compliance Monitoring Activity Compliance Status Qtrs in Noncompliance (of 12) Qtrs with Significant Violation Informal Enforcement Actions (5 years) Formal Enforcement Actions (5 years)	 03/13/2013 No Violation Identified 0 -

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (PRR053120), Non-Major, Permit Terminated; Compliance Tracking Off (PR0001341)

Resource Conservation and Recovery Act (RCRA): Active SQG, (PRD090096769) Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information Greenhouse Gas Emissions (eGGRT): No Information Toxic Releases (TRI): 00709CRVCRCALLE

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		110000307757					N	18.206944	- 67.141667
ICIS		3601501718					N	18.206944	- 67.141667
ICIS		35811					N	18.206944	-67.141667
RMP	CAA	100000182312		ACTIVE			N	18.206944	-67.141667
SEMS	CERCLA	PRC200400182		NOT ON THE NPL			N	18.18034	-67.131584
ICIS-NPDES	CWA	PRR053120	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.206814	-67.143086
ICIS-NPDES	CWA	PR0001341	Non-Major: NPDES Individual Permit	Terminated; Compliance Tracking Off		10/31/2011	N	18.208889	-67.1425
TR	EP313	00709CRVCRCALLE	Toxics Release Inventory	Last Reported for 2023			N	18.206944	- 67.141667
RCRAInfo	RCRA	PRD090096769	SQG	Active (H)			N	18.206777	-67.143047

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000307757	COMPANIA CERVECERA DE PUERTO RICO, INC.	100 BLVD. ALFONSO VALDEZ, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		3601501718	COMPANIA CERVECERA DE PUERTO RICO, INC.	100 BLVD. ALFONSO VALDEZ, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS		35811	CERVECERIA INDIA INC	INSULAR RD R2 BARRIO ALGARRABO, MAYAGUEZ, PR 00680	Mayagüez Municipio
RMP	CAA	100000182312	COMPANIA CERVECERA DE PUERTO RICO, INC.	100 BLVD. ALFONSO VALDES, MAYAGUEZ, PR 00680	Mayagüez Municipio
SEMS	CERCLA	PRC200400182	CERVECERIA INDIA INC. AMMONIA RELEASE	100 BOULEVARD ALFONSO VALDES, MAYAGUEZ, PR 00680	
ICIS-NPDES	CWA	PRR053120	COMPAÑÍA CERVECERA DE PUERTO RICO, INC.	# 100 BOULEVARD ALFONSO VALDES, MAYAGUEZ, PR 00680	Mayagüez Municipio
ICIS-NPDES	CWA	PR0001341	CERVECERIA INDIA INC	INSULAR ROAD 2, MAYAGUEZ, PR 00708	Mayagüez Municipio
TRI	EP313	00709CRVCRCALLE	COMPANIA CERVECERA DE PUERTO RICO INC.	BLVD ALFONSO VALDES #100, MAYAGUEZ, PR 00680	Mayagüez Municipio
RCRAInfo	RCRA	PRD090096769	COMPANIA CERVECERA DE PUERTO RICO INC	ALFONSO VALDES BLVD #100, MAYAGUEZ, PR 00680	Mayagüez Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00709CRVCRCALLE	2082	Malt Beverages
TRI	00709CRVCRCALLE	2083	Malt
ICIS-NPDES	PR0001341	2082	Malt Beverages
ICIS-NPDES	PRR053120	2041	Flour And Other Grain Mill Products
ICIS-NPDES	PRR053120	2082	Malt Beverages
ICIS-NPDES	PRR053120	4225	General Warehousing And Storage

Facility Industrial Effluent Guidelines

Identifier

Effluent Guideline (40 CFR Part)

No data records returned

System Identifier NAICS Code NAICS Description TRI 00709CRVCRCALLE 311213 Malt Manufacturing TRI 00709CRVCRCALLE 311213 Malt Manufacturing

Facility NAICS (North American Industry

TRI	00709CRVCRCALLE	312120	Breweries
RMP	100000182312	311213	Malt Manufacturing
RMP	100000182312	31212	Breweries
RCRAInfo	PRD090096769	312120	Breweries

Facility Tribe Information

Classification System) Codes

Reservation Name Tribe Name

No data records returned

EPA Tribal ID

Distance to Tribe (miles)

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source D	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	100000182312	ICIS	Inspection/Evaluation	112(r)(7) Inspection	EPA	02/07/2023	
EPCRA	3601501718	ICIS	Inspection/Evaluation	Chemical Inventory Audit	EPA	02/10/2023	

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>.

Effluent Guideline Description

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
CWA	PRR053120	No	06/30/2024	3	10/11/2024
CWA	PR0001341	No	06/30/2024	0	10/11/2024
RCRA	PRD090096769	Νο	10/12/2024	0	10/11/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Vic	olation	Гуре		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: PRR053	120)			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- 06/30/2
	Facility-Level S	tatus			No Violation Identified	Violation Identified	Violation Identified	Violatio Identifie								
	Quarterly Noncompliance	Report	History		Resolved									Reportable Noncompliance	Reportable Noncompliance	Reportal Noncompli
	Benchmark Threshold Exceedances (No Violation): Pollutant	Disch Point	Mon Loc	Freq												

tatute	Program/Pollutant/Vi	olation	Туре		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 1	.0 QT	11	QTI
	Solids, total suspended <effluent- charts#prr053120/00530></effluent- 																
	https://epa.gov/effluent- charts#prr053120/00530>		Effluent Gross	NMth		404%	124%	241%	188%	145%		73%					
CWA	Solids, total suspended <effluent- charts#prr053120/00530> <a href="https://epa.gov/effluent-
charts#prr053120/00530"></effluent- 	003 - U1	Effluent Gross	NMth						271%		375%					
	Late or Missing Discharge Mon		Report (D	MR)													
	Measureme	nts															
	Counts of Missing DMR Measureme	ents											6				
	CWA (Source ID: PR000)	1341)			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/:			04 06/
	Facility-Level S	Status			Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminateo Permit	l Termina Permi			Tern P€
	Quarterly Noncompliance	e Report	t History														
	Permit Schedule V	iolation	IS														
CWA	Status/Progress Report				02/15/2004		\rightarrow		\rightarrow		\rightarrow	→	\rightarrow	-		•	
	Implement Storm Water Pollution (SWPPP)	Preventi	ion Plan		08/01/2004	+	\rightarrow		-*		\rightarrow		-	-	-	*	-
	Compliance Schedule Vi	olations	5	Case No.				-									
CWA	Cease Discharge				10/15/2003		\rightarrow		\rightarrow				\rightarrow	\rightarrow	-	*	-
CWA	Compliance Plan				11/15/2003	\rightarrow	\rightarrow		\rightarrow		\rightarrow		\rightarrow			*	-
CWA	Study Plan				03/01/2004				\rightarrow				\rightarrow			*	-
CWA	Apply for Storm Water				06/01/2004				\rightarrow		-		-	-		•	-
CWA	Commence Storm Water S		3		08/01/2004			+	\rightarrow				\rightarrow		-	*	-
CWA	Permit Applicatio	n			09/30/2004				\rightarrow		-*		-	-		*	-
CWA	Storm Water Pollution Preventio	n Plan (S	SWPPP)	02- 2007- 3001	09/06/2007		-		-		-	→	-	-	-	•	-
tatute	Program/Pollutant/Violation Type	QTR	1	QTR	e QTF	13 (ITR 4	QTR 5	QTR 6	QTR 7	QTR	8 Q.	TR 9	QTR 10	QTR 11	QTR 12+	·
RCRA	(Source ID: PRD090096769)	10/0: 12/31/		01/01 03/31/:			7/01- /30/22	10/01- 12/31/22	01/01- 03/31/23	04/01- 06/30/23	07/0: 09/30/		/01- 31/23	01/01- 03/31/24	04/01- 06/30/24	07/01- 09/30/24	
	Facility-Level Status	No Viola Identif		lo Viola Identifi				lo Violation Identified	No Violation Identified	No Violatio Identified				o Violation dentified	No Violation Identified	No Violatio Identified	
	Violation Agency																_

Informal Enforcement Actions Last 5 Years

Statute	System	Source D	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions Last 5 Years

Statute	System	Law/ Section	Source D	Type of Action	Case No.	Lead Agency	Case Name	lssued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
CAA	ICIS	112[R][7]	RMP/100000182312	Administrative - Formal	02- 2024- 1208	EPA	Compania Cervecera de Puerto Rico, Inc.	03/07/2024	1	03/07/2024	\$6,900	\$0	-	\$0	\$14,900

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?
210100030301	Rio Yaguez	RIO YAGUEZ, YAGUEZ RIVER	No	No	Chromium, hexavalent (as Cr) Enterococci	Yes

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	2022	PRWR79A	RIO YAGUEZ	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) PATHOGENS	Fully 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 Air Pollutant Report TRI Pollution Prevention Report **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
00709CRVCRCALLE	2023	5	5	24,992	-		10	24,992
00709CRVCRCALLE	2022	5		30,924	-		5	30,924
00709CRVCRCALLE	2021	5		62,358			5	62,358
00709CRVCRCALLE	2020	10		31,180			10	31,180
00709CRVCRCALLE	2019	5		37,687			5	37,687
00709CRVCRCALLE	2018	5		47,700			5	47,700
00709CRVCRCALLE	2017	5		31,100			5	31,100
00709CRVCRCALLE	2016	5		35,000			5	35,000
00709CRVCRCALLE	2015	5		38,152			5	38,152
00709CRVCRCALLE	2014	5		39,152			5	39,152

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

Chemical Name	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Nitrate compounds (water dissociable; reportable only when in aqueous solution)	24,997	30,924	62,358	31,180	37,687	47,700	31,100	35,000	38,152	39,152
Nitric acid	5	5	5	10	5	5	5	5	5	5

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

NPDES D

No data records returned

DMR and TRI Multi-Year Loading Report

Description

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 7/13/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRD090096769	Hazardous Waste	218	205	127	188
PRD090096769	Acute Hazardous Waste	0	0	0	0
PRD090096769	Pharmaceutical Hazardous Waste	0	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

Supplemental/EJ index percentiles >= 90 (Census block group) Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Related Reports

Index Type Su

Supplemental (default)

EJScreen Community Report

Census Block Group ID: 720970802002	US (I	Percentile)		State	(Percentile)	
Supplemental Indexes	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	9	8	9	6	6	10
Particulate Matter 2.5	-	N/A			N/A	
Ozone		N/A		-	N/A	
Diesel Particulate Matter	67	64	81	93	90	99
Air Toxics Cancer Risk	55	54	60	88	82	97
Air Toxics Respiratory Hazard Index	94	74	97	99	97	100
Toxic Releases to Air	99	9 99	99	86	78	97
Traffic Proximity	99	99	Q 99	97	95	99
Lead Paint	99	9 99	99	97	95	99
Risk Management Plan (RMP) Facility Proximity	99	9 99	9 100	98	93	100
Hazardous Waste Proximity	97	9 98	99	72	80	99
Superfund Proximity	99	9 99	Q 99	62	63	90
Underground Storage Tanks (UST)	99	9 99	9 100	98	94	99
Wastewater Discharge	99	9 99	99	87	76	95
Superfund Proximity Underground Storage Tanks (UST) Wastewater Discharge Map Display Based on:	999999	• 99 • 99	10099	98	94	D 99

O 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 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 ACS census block groups 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 (ACS (American Community Surv	ey))
Total Persons	17,154
Population Density	5,876/sq.mi.
Housing Units in Area	11,966
Percent People of Color	100%
Households in Area	7,448
Households on Public Assistance	686
Persons With Low Income	14,702
Percent With Low Income	88%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.206944
Center Longitude	-67.141667
Land Area	94%
Water Area	6%
Income Breakdown (ACS (American Community Su	vey)) - Households (%)
Less than \$15,000	4,774 (64.11%)
\$15,000 - \$25,000	1,185 (15.91%)
\$25,000 - \$50,000	887 (11.91%)
\$50,000 - \$75,000	330 (4.43%)
Greater than \$75,000	271 (3.64%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)		
Children 5 years and younger	518 (3%)		
Minors 17 years and younger	2,542 (15%)		
Adults 18 years and older 14,612 (85%)			
Seniors 65 years and older	3,819 (22%)		
Race Breakdown (ACS (American Community Survey)) - Persons (%)		
White	3,151 (18%)		
African-American 0 (0%)			
Hispanic-Origin	17,083 (100%)		
Asian	5 (0%)		
Hawaiian/Pacific Islander	0 (0%)		
American Indian	O (0%)		
Other/Multiracial	12,714 (74%)		
Education Level (Persons 25 & older) (ACS (American Community	Survey)) - Persons (%)		
Less than 9th Grade	1,740 (17.26%)		
9th through 12th Grade	1,011 (10.03%)		
High School Diploma	3,022 (29.97%)		
Some College/2-year	1,310 (12.99%)		
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,376 (23.57%)		

Exhibit 7V

PO Box 365052, Repto. De Diego 1649 Ponce de Leon Ave. San Juan, PR 00926 Off. (787) 723-4442 Cel. (787) 375-5770 http://www.3mg-pr.com



To:	Municipio de Mayaguez
	P.O. Box 447 Mayagüez. P.R. 00681-0447
Attn:	Sheynalyn López Martínez
Cc:	YAMA Consulting Services, Inc.
	23 Oeste Calle de La Candelaria,
	Mayagüez PR 00680
Re:	MAYAGÜEZ TERRACE URBAN
	SECTOR, P.R. 00682
	2022-PR-CRP-000855

PROJECT INFOR	MATION
PROJECT:	MAYAGÜEZ TERRACE URBAN SECTOR, P.R. 00682 2022-PR-CRP-000855
LOCATION	Mayagüez, PR
OWNER	Municipio de Mayagüez

Technical Memorandum to File

To: To Whom It May Concern

Date: December 19, 2024

This is to confirm that, as a result of a field reconnaissance that took place at the proposed project site in October 11'2022, with the intent of evaluate environmental aspects pursuant to 24CFR58 regulation, it was not identified any relevant regulatory environmental risks.

All other environmental aspects related to the proposed action have been summarized in the Environmental Assessment statutory form.

Sincerely, Manuel Ray Principal 3mg

Memorandum to File

Date: 15 de noviembre de 2024

From: Arq. Bienvenido Pichardo Consultant 3mg Architects & Engineers

Project: MEJORAS A LA INFRAESTRUCTURA DE LA URBANIZACIÓN MAYAGÜEZ TERRACE (PR-CRP-000855)

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000855 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.

Cordially,

Arq. Bienvenido Pichardo Consultant 3mg Architects & Engineers

GOVERNMENT OF PURCH RICH

August 20, 2024

Mrs. Carmen R. Guerrero Pérez Director

Caribbean Environmental Protection Division City View Piaza II – Suite 7000 #48 Rd, 165 km 1.2 Guaynabo, PR 00968-8069

Vía email: guerrero.carmen@epa.dov

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

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

Community Planning and Development (CPD) Notice CDP-32-103. This Notice emphasizes the importance of radion fasting and miligation in anxuing safe living environments, particularly in HUD-askled properties. PRDOH, as the grantee of the Community Development Black Grant for Disaster Recovery and Miligation (CDBC-DR/MT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs, To fulfill our obligations under this Notifice, we must complie comprehensive and up-to-date Information on radion levels, testing practices, and any miligation etforts within the Islands of Puerto Rico.

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

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



August 20, 2024

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

Via email: <u>slvina.cancelos@upr.edu</u> RE: Request for Information regarding available data on radon testing and levels within Puerto Rico

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

Community Planning and Bevelopment (CPD) Notice CDP-23-103. This Notice emphasizes the importance of radion testing and miligation in ensuring safe living environments, particularly in HUD-assited properties. PRDOH, as the grantee of the Community Development Black Grant for bisaster Recovery and Miligation (CDBC-DR/MT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs, To fulfill our obligations under this Notice, we must complie comprehensive and up-to-date information on radion levels, testing practices, and any miligation efforts within the islands of Puerto Rico.

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

Barbosa Ave. #606 , Building Juan C. Cordero Davia, Rio Piedrat, PR 00918 | PO Box 21506 San Juan, PR 00928-1565 Tel (787) 274-2527 | www.seandiss.com <u>Reports and assessments</u> – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or miligation.

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

<u>Historical data</u> – IF available, historical data or frends in radon levels within the regions you manitor that may impact HUD-assisted housing.

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

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

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

Willam O. Roctriguez, Esq.

Sincerel

CC.

Mr. Oleg Povetko, <u>Povetko, Olegilispa.gov</u> Mr. Matthew Laurita, <u>Jaurila, matthewiliepa.gov</u>

> CDBG-DR/MIT Program Request for Intornation in relation with HUD CPD-23-103 for Puerto Rico Page 2.4.2

<u>Reports and assessments</u> – Any reports, studies, or assessments your agency has produced or commissioned that address radion testing or mitigation.

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

Manuez Rodriguez, Esq. William O. Secretary

Cc: Dr. Carlos Marín, <u>carlos marin3@upr.edu</u>

CDBG-DR/MIT P Request for Information in telepion with HUD CPD-23-103 for Pue

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Sincerely

Rodifiguez, Esq.

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

Barbosa Ave. #606, Building Juan C, Cordero Davila, Ro Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365 Fei (787) 274-2527 | International Content of the Content o



Rico.

August 20, 2024

Mrs. Anais Rodríguez

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

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

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

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

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

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Barbosa Ave #606, Building Juan C. Cordero Dávila, Rio Piedras, PR 00918 J PO Box 21365 San Juan, PR 00928-1365 Tel (787) 274-2527 1 www.encol.proj.

CDBC=DR/MIT Pr Request for Information in relation with HUD CPD-03-103 for Puer

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

Sincerely.

William O. Rodríguez, Esq. Secretary

Cc: Mr. Luis Mărquez, <u>secretariaaire@dma.pr.gov</u> Eng. Amarilys Rosario, <u>aire@dma.pr.gov</u> Mrs. Elid Ortega, <u>sortega@dma.pr.gov</u>

OVERNMENT OF PUERTO RICLI

August 20, 2024 Dr. Jessica Irizarry

Director Office of Island Affairs

Via email: OIA@cdc.aov

Uls. Centers for Disease Control and Prevention 1324 CII Canada, San Juan, 00920 Guaynabo, PR 00968-8069

GOVERNMENT OF PUERTO RICO

August 20, 2024

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

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

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

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

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



August 20, 2024

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

Via email: <u>hsweyers@usgs.gov</u>

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

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

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

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

<u>Reports and assessments</u> - Any reports, studies, or assessments your agency has produced or commissioned that address radom lesting or mitigation.

Barbosa Ave. #606, Building Juan C. Condaro Davila, Rio Piedras, PR C0918 | PO Box 2186 San Juan, PR 00928-1365 Tel. (787) 274-2527 | www.www.endston.up. CDBD-DR/MIT Program Request for information in relation with HUD CPD-23-103 for Puerto Bao Page 2 / 2

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

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

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

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

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

0 mm Rodney Willa Jez, Esci tan

Cc: Mr. Raúl Hernández Doble, <u>mernandez28salud pr.gov</u>

> CDBG-DR/MIT Program Request for Information in relation with HVD CPD-23-103 for Puetto Rica Rage 2 / 2

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

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

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

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

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

ríguez Rodiguez, Esq.

Mr. R. Randall Schumann, rschumann@usas.gov

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

Good morning, Sandra and others,

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

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

If you have any additional questions, please contact me.

Thank you and best regards,

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



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

Dear Ms. Medina Smaine,

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

Best regards,

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

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

Good afternoon. Ms. Medina

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

Raul Hernandez Doble Director, Seccion Salud Radiologica Division de Salud Ambiental Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica <u>rhernandez2@salud.gov.pr</u> Phone: (787)765-2929 ext. 3210 From: Reyes, Brenda <Reyes.Brenda@epa.gov> Sent: Wednesday, September 18, 2024 11:48 AM To: Cesar O Rodriguez Santos <cesarrodriguez@drna.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Silvina Cancelos Mancini <silvina.cancelos@upr.edu>; Melanie Medina Smaine <mmedina@vivienda.pr.gov>

Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Povetko, Oleg (he/him/his) <Povetko.Oleg@epa.gov>

Subject: RE: Request for Information- Randon testing and levels

Saludos.

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

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

 From: Silvina Cancelos Mancini <silvina.cancelos@upr.edu>

 Sent: Friday, September 6, 2024 15:04

 To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>

 Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez

 <aarivera@vivienda.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Reyes, Brenda

 <Reves.Brenda@epa.gov>; Povetko, Oleg <Povetko.Oleg@epa.gov>

 Subject: Re: Request for Information- Randon testing and levels

Estimada Melanie Medina

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

Atentamente

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



Bubble Dynamics Lab



September 23, 2024

William O. Rodriguez Rodriguez, Esq.

VIA EMAIL

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

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

Dear Honorable Secretary Rodriguez Rodriguez

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

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

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

CITY VIEW PLAZA II BUILDING, 7TH FLOOR ROUTE 165 GUAYNABO, PR 00968

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

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

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

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

Reference: USGS. Geologic Radon Potential of Guam and Puerto Rico, Report 93-292-K. Washington, DC: USGS. Retrieved 9/11/2024, from https://pubs.usgs.gov/of/1993/0292k/report.pdf. 2

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

> Sincerely, CARMEN Digitally signed by CARMEN GUERRERO PEREZ Date: 2024.09.23 09:41:39 -04'00' GUERRERO PEREZ Carmen R. Guerrero Pérez Director

cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)

Netany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriguez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@dma.pr.gov

Exhibit 7X



Lead-Based Paint Inspection Report

Project:

Mayagüez Terrace Urban Sector, RFP 2022-PR-CRP-000855 Mayagüez, P.R.

Client: 3mg, PSC

ZEM-24401 December 2024

Prepared By:

Zimmetry Environmental Management, Corp. www.zimmetry.com info@zimmetry.com

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Appendix B: XRF Sampling Data

Appendix C: XRF's Performance Characteristics Sheet

Appendix D: Photographic Record

Appendix E: Location of Positive Materials

Section 1: Executive Summary

1.1 Introduction

A Lead-Based Paint inspection was conducted on November 26, 2024, at Mayagüez Terrace Urban Sector Project: RFP 2022-PR-CRP-000855 Community Development Block Grant – Disaster Recovery located in Mayagüez, Puerto Rico. The lead-based paint inspection was performed to identify paint that contains lead above allowable levels and to assist with compliance with local, state, and federal regulations.

1.2 Summary of Property Evaluation

The inspection consisted of the evaluation of the soccer field (exterior of structures), basketball court and streets (Street #2, Dr. Jose E. Arraras, Gaudier Texidor, Carmelo Alemar, Martinez Torres, Ramon Power, Medina Gonzalez, Larrañagara, General Cordero, José Alegría, #14 and Carlos Chardon) of the project mentioned above. The inspection determined that lead-based paint was present in selective components and surfaces throughout the project on the inspection date. Table 1-1 identifies the components positive for lead. Table 2-1 identifies lead-based paint as defined by the U.S. Environmental Protection Agency (EPA) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico. For specific locations and additional details on the lead location- reference Sections 2 and 3.

1.3 Property Locations of Building Components with Lead-Based Paint

Table 1-1 summarizes the site components and surfaces coated with lead-based paint. Additional details identifying positive lead-based paint findings within specific areas and on surfaces are provided in Section 2: Lead-Based Paint Inspection Report. The "substrate" is the building component material directly beneath the painted surface. Photographic documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

If homogeneous materials not accounted for are identified in areas not described in this report or inaccessible areas described in Section 2.3.3, they shall be managed as containing lead. If suspected components that could contain lead are encountered underneath currently installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. Refer to Appendix E: Location of Positive Materials for specific locations.



1

Area	Component	Color	Substrate	Approximate Amount
	Basket Poles	Gray	Metal	2 units
Basketball Court	Electrical Panel	Yellow	Metal	1 unit
Basketball Court	Floor Lines	Yellow/White	Concrete	920 Lnft
	Light Poles	Yellow	Metal	4 units
Soccer Field	Light Poles	Yellow/White	Metal	8 units
	Bollards	Yellow	Metal	2 units
Street #2	Sign Poles	Yellow	Metal	5 units
	Speed Bumps	Yellow	Asphalt	2 units (6 Lnft each)
Dr. Jose E. Arraras	Curb	Yellow	Concrete	117 Lnft
Street	Sign Poles	Yellow	Metal	2 units
	Curb	Yellow	Concrete	100 Lnft
Gaudier Texidor Street	Sign Poles	Yellow	Metal	7 units
	Speed Bumps	Yellow	Asphalt	8 units (6 Lnft each)
Carmelo Aleman Street	Sign Poles	Yellow	Metal	2 units
	Curb	Yellow	Concrete	25 Lnft
Martinez Torres Street	Sign Poles	Yellow	Concrete	13 Units
	Speed Bumps	Yellow	Asphalt	7 units (6 Lnft each)
amon Power Street	Sign Poles	Yellow	Metal	7 units
canon rower Street	Speed Bumps	Yellow	Asphalt	1 unit (6 Lnft)



Area	Component	Color	Substrate	Approximate Amount
Medina Gonzalez Street	Sign Poles	Yellow	Metal	7 units
	Speed Bumps	Yellow	Concrete	3 units (6 Lnft each)
Larrañagara Street	Sign Poles	Yellow	Metal	12 units
	Speed Bumps	Yellow	Asphalt	5 units (6 Lnft each)
General Cordero Street	Sign Poles	Yellow	Metal	3 units
	Speed Bumps	Yellow	Asphalt	2 units (6 Lnft each)
José Alegría Street	Sign Poles	Yellow	Metal	1 unit
Street #14	Sign Poles	Yellow	Metal	1 unit
Carlos Chardon Street	Islet Curb	Yellow	Concrete	100 Lnft
	Sign Poles	Yellow	Metal	3 units

Note:

1. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

Section 2: Lead-Based Paint Inspection Report

2.1 Overview of the Evaluation

This lead-based paint inspection is an investigation to identify all lead-based paint on a surfaceby-surface basis. A lead-based paint inspection conforming to HUD guidelines was performed at the project mentioned above.

An average of 212 samples were taken at identified surfaces of the evaluated areas using an X-ray fluorescence (XRF) analyzer. The evaluation found that lead-based paint was present in selective components and surfaces through the project on the assessment date (See Table 1-1).

Some of the remaining XRF test locations exhibited lead-in-paint levels below the level that EPA identifies as lead-based paint, namely 1.0 mg/cm². Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead-containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit its spread.

Testing was performed by Alicia García, state-certified risk assessor LBPRA-07124-074, using the Niton XLp-300A XRF, SN-101222. The credentials are provided in Section 3, Appendix A: Certifications, Licenses, and Accreditations. The XRF analyzer is designed to measure the lead content of surface coatings on various building surfaces, substrates, and components. The measurement is rapid and nondestructive and, according to the manufacturer, can detect lead concentrations within numerous layers of various surface coatings.

Please refer to the XRF Testing Results Section 3, Appendix B: XRF Sampling Data for each inspected area's detailed analytical testing results. The reports provide complete testing data.

2.2 Sampling Procedure

The Lead-Based Paint Sampling Procedure was designed to evaluate and document all the data obtained from the inspection in a sequential method that provided confidence at the moment of the presentation of the results.

The survey followed the methodology established in the HUD Guidelines for the Evaluation and Control of Lead-Based Paint in Housing (2012 revision) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico Regulation 9098: Regulation for Proper Management of Lead-Based Paint Activities. The surface-by-surface evaluation was performed as follows:

- If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm², it is considered negative.
- If the lead concentration measured by the XRF Spectrum Analyzer is equal to or greater than 1.0 mg/cm², it is considered positive.



A name was assigned to each functional space of the project based on the use of that space. A code letter or number was assigned if no name could be assigned.

Each wall surface was named with letters beginning with wall A, the wall facing the main entrance direction. The wall on your left will be wall B, the wall in front wall C, and the wall on your right will be wall D.

2.3 Results Presentation

This section describes the project components and surfaces coated with lead-based paint (LBP), which were observed in the inspection. Please note that the recommendations given are the minimum required action, which should be taken based on our professional judgment.

According to the DRNA lead regulations, before demolishing a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The abatement firm must be certified as an abatement firm by the DRNA.

2.3.1 Specific Findings

The following LBP was found to contain more or equal to 1.0 mg/cm² for what the Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- Basket Poles
- Bollards
- Curbs
- Electrical Panel
- Floor Lines

- Islet Curbs
- Light Poles
- Sign Poles
- Speed Bumps
- 2.3.2 Homogeneous Areas with Special Considerations

NONE

2.3.3 Inaccessible Areas Presumed to be Lead-Based Painted

NONE



2.4 Lead Regulatory Levels

The lead regulatory levels provided below are those used when preparing this lead-based paint evaluation or when evaluating data collected. The EPA regulatory levels are the same as the state regulatory levels provided in the following table.

Table 2-1: Lea	d Regulatory Levels
	EPA/DRNA Levels
Lead-Based Paint	1.0 mg/cm ² or 0.5% by weight (or 5,000 ppm)

2.5 Conditions and Limitations—Disclaimer

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection thoroughly and professionally, consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this project on the evaluation date.

The results reported, and conclusions reached by the Preparer are solely for the Owner's benefit. The results and opinions in this report, based solely on the conditions found at the project on the evaluation date, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any actual or potential lead-based paint hazards at this project beyond the date of the evaluation.

The lead inspection was performed to ready accessible components and surfaces. If suspected components that could contain lead are encountered underneath currently installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. According to the DRNA in the "Regulation for the Proper Management of Lead-Based Paint Activities" Rule 139 (Section E, Part 17), all lead-based paint reports have a validity period of five (5) years.

2.6 Abatement Conditions

As defined by HUD and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico, abatement means any set of measures designed to permanently eliminate lead-based paint and/or lead-based paint hazards. The people providing these services must be trained under the DRNA licensing/certification requirements. The product manufacturer and/or contractor must warrant abatement methods to last at least 20 years, or these methods must have a design life of at least 20 years.

• onsite or offsite removal of lead-based paint from substrates and components



- · replacement of components or fixtures painted with lead-based paint
- permanent enclosure of lead-based paint with construction materials mechanically fastened to the substrate
- encapsulation of lead-based paint with specially designed encapsulant products
- · removal or permanent covering (concrete or asphalt) of soil-lead-based paint hazards

If enclosure or encapsulation is conducted as an abatement method, the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

2.7 Recommendations

According to the DRNA lead regulations, before demolishing a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste. The abatement firm must be certified as an abatement firm by the DRNA. Workers conducting abatement must be trained and certified as abatement workers by a training provider accredited by the DRNA.

2.8 Environmental Assessment Report Certification

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection thoroughly and professionally, consistent with commonly accepted industry standards. The inspection was conducted on November 26, 2024, by Alicia García, state-certified risk assessor LBPRA-07124-074, qualified by experience, education, and training in the recognition of lead-based paint and approved sampling techniques using the Niton XLp-300A XRF, SN-101222.

Alicia García Justiniano, MSc Environmental Lead Risk Assessor



Section 3: Appendices

Appendix A: Certifications, Licenses, and Accreditations
Appendix B: XRF Sampling Data
Appendix C: XRF's Performance Characteristics Sheet
Appendix D: Photographic Record
Appendix E: Location of Positive Materials



APPENDIX A Certifications, Licenses and Accreditations









Thermo Scientific Niton XRF Analyzer Operator's Training Certificate

This is to certify that

Alicia Garcia

has successfully completed the Thermo Fisher Scientific Niton XLp 300 XRF Analyzer Operational Training Course. The topics of this course include device configuration, sample preparation, safe operation and analysis, interpretation of results, and routine maintenance of the Thermo Scientific Niton XRF Analyzer.

Course date: June 10, 2019 Course teaches by: Thermo Fisher Portable Analytycal Inc.

> Juan C. Cruz Regional Sales Manager Latin America & the Caribbean

> > hermo

SCIENTIFIC

Part of Themo Fisher Scientific

CUSTOMER TRAINING


APPENDIX B XRF Sampling Data



PROJECT:	Mayaguez Terrace, Urban Sector			CLIENT: 3 mg, PSC				
DATE:	11/26/2024	Baketball C	Court	LBP Inspector: Alicia Garcia				
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading mg/cm2	Pos/Neg	Comments	
1	Calibration				1.00	1		
2	Calibration				1.00			
3	Calibration			1.0.00	1.00	2		
4	Basketball Court	Floor Line	White	Concrete	5.20	Positive		
5	Basketball Court	Floor Line	White	Concrete	5.00	Positive		
6	Basketball Court	Floor Line	Yellow	Concrete	6.10	Positive		
8	Basketball Court	Floor Line	White	Concrete	6.00	Positive		
	Basketball Court Basketball Court	Floor Line	White	Concrete	6.10	Positive		
10	Basketball Court	Floor Line Floor Marking	Yellow Red	Concrete	5.10	Positive		
10	Basketball Court	Floor Marking	Red	Concrete Concrete	0.00	Negative		
12	Basketball Court	Floor Marking	Red	Concrete	0.00	Negative Negative		
13	Basketball Court	Floor Marking	Green	Concrete	0.02	Negative		
14	Basketball Court	Floor Marking	Green	Concrete	0.00	Negative		
	Basketball Court	Floor Marking	Green	Concrete	0.00	Negative		
	Basketball Court	Floor Marking	Blue	Concrete	0.01	Negative		
	Basketball Court	Floor Marking	Blue	Concrete	0.00	Negative		
	Basketball Court	Floor Marking	Blue	Concrete	0.01	Negative		
	Basketball Court	Basket Pole	Gray	Metal	2.50	Positive		
	Basketball Court	Floor Line	Yellow	Concrete	6.00	Positive		
	Basketball Court	Floor Line	White	Concrete	0.05	Negative		
	Basketball Court	Floor Line	White	Concrete	1.50	Positive		
	Basketball Court	Floor Line	Yellow	Concrete	3.20	Positive		
	Basketball Court	Floor Marking	Blue	Concrete	0.00	Negative		
	Basketball Court Basketball Court	Floor Marking Floor Marking	Blue	Concrete	0.00	Negative		
	Basketball Court	Floor Marking	Red Red	Concrete Concrete	0.03	Negative		
	Basketball Court	Floor Marking	Green	Concrete	0.00	Negative		
	Basketball Court	Floor Marking	Green	Concrete	0.00	Negative Negative		
	Basketball Court	Basket Pole	Gray	Metal	5.90	Positive		
	Basketball Court	Light Pole	Yellow	Metal	2.50	Positive		
32	Basketball Court	Light Pole	Yellow	Metal	2.20	Positive		
	Basketball Court	Light Pole	Yellow	Metal	2.20	Positive		
	Basketball Court	Light Pole	Yellow	Metal	2.30	Positive		
	Basketball Court	Electric Panel	Yellow	Metal	2.60	Positive		
	Basketball Court	Bench	Green	Concrete	0.00	Negative		
	Basketball Court	Bench	Green	Concrete	0.02	Negative		
	Bleachers	Side	Green	Concrete	0.00	Negative		
	Bleachers	Side	Green	Concrete	0.00	Negative		
	Bleachers	Side	Green	Concrete	0.00	Negative		
	Bleachers Bleachers	Column	Green	Concrete	0.00	Negative		
	Bleachers	Column Bench	Green	Concrete	0.02	Negative		
	Bleachers	Bench	Green Green	Concrete Concrete	0.00	Negative		
	Jicacifors	Denen	Green	Concrete	0.00	Negative		
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PROJECT:	Mayaguez Terrace, Urban Sector			CLIENT: 3 mg, PSC				
DATE:	11/26/2024	Soccer Fi	ield	LBP Inspector: Alicia Garcia				
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading mg/cm2	Pos/Neg	Comments	
45	Field Area	Light Pole	White	Metal	1.20	Positive		
46	Field Area	Light Pole	White	Metal	1.50	Positive		
47	Field Area	Light Pole	White	Metal	1.70	Positive		
48	Field Area	Light Pole	White	Metal	1.20	Positive		
49	Field Area	Light Pole	Yellow	Metal	1.90	Positive		
50	Field Area	Light Pole	White	Metal	1.60	Positive		
	Field Area	Light Pole	White	Metal	1.30	Positive		
	Field Area	Light Pole	White	Metal	1.20	Positive		
	Field Area	Fence	White	Concrete	0.00	Negative		
	Field Area	Fence	Blue	Concrete	0.00	Negative		
	Field Area	Fence	Red	Concrete	0.00	Negative		
	Structure 1, Exterior Area	Wall A	Gray	Concrete	0.02	Negative		
	Structure 1, Exterior Area Structure 1, Exterior Area	Wall B Wall C	Cream	Concrete	0.00	Negative		
	Structure 1, Exterior Area	Wall C Wall D	Cream	Concrete	0.00	Negative		
	Structure 1, Exterior Area	Soffit	Gray	Concrete	0.00	Negative		
	Structure 1, Exterior Area	Fascia	White	Concrete Concrete	0.00	Negative		
	Structure 2. Exterior Area	Wall A	Gray		0.01	Negative		
	Structure 2, Exterior Area	Wall B	Gray Gray	Concrete Concrete	0.00	Negative		
	Structure 2, Exterior Area	Wall D Wall C	Gray	Concrete	0.00	Negative		
	Structure 2, Exterior Area	Wall D	Gray	Concrete	0.02	Negative		
	Bleachers	Column	Green	Metal	0.00	Negative Negative		
	Bleachers	Column	Green	Metal	0.00			
	Bleachers	Column Base	Green	Concrete	0.00	Negative		
	Bleachers	Side	Cream	Concrete	0.00	Negative Negative		
	Bleachers	Column	Cream	Concrete	0.03	Negative		
	Bleachers	Bench	Orange	Concrete	0.00	Negative		
	Bleachers	Ceiling	White	Metal	0.00	Negative		
	Electric Room	Wall B	Cream	Concrete	0.00	Negative		
74	Electric Room	Wall C	Cream	Concrete	0.01	Negative		
75	Electric Room	Wall D	Cream	Concrete	0.00	Negative		
76	Electric Room	Ceiling	Cream	Concrete	0.00	Negative		
77]	Electric Room	Door	Cream	Metal	0.01	Negative		
	Structure 3, Exterior Area	Wall A	Gray	Concrete	0.00	Negative		
79	Structure 3, Exterior Area	Wall B	Gray	Concrete	0.00	Negative		
80	Structure 3, Exterior Area	Wall C	Gray	Concrete	0.00	Negative		
81 5	Structure 3, Exterior Area	Wall D	Gray	Concrete	0.00	Negative		
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PROJECT:	: Mayaguez Terrace, Urban Sector				CLIENT: 3 mg, PSC				
DATE:	11/26/2024	Roads & Side	walk	LBP Inspector: Alicia Garcia					
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading mg/cm2	Pos/Neg	Comments		
82	Street 2	Sidewalk	Gray	Concrete	0.00	Negative			
83	Street 2	Speed Bump	Yellow	Asphalt	2.20	Positive			
84	Street 2	Speed Bump	Yellow	Asphalt	2.10	Positive			
85	Street 2	Light Pole	Gray	Metal	0.00	Negative			
86	Street 2	Sign Pole	Yellow	Metal	0.15	Negative			
87	Street 2	Ramp	Blue	Concrete	0.00	Negative			
	Street 2	Curb	Yellow	Concrete	0.70	Negative			
	Street 2	Sign Pole	Yellow	Metal	3.30	Positive			
	Street 2 Street 2	Sign Pole Sign Pole	Yellow Yellow	Metal	3.10	Positive			
	Street 2	Sign Pole	Yellow	Metal Metal	2.20	Positive			
	Street 2	Bollard	Yellow	Metal	1.20	Positive			
	Street 2	Bollard	Yellow	Metal	1.30 1.20	Positive Positive			
	Street Dr. Jose E. Arraras	Curb	Blue	Concrete	0.00	Negative			
and the second se	Street Dr. Jose E. Arraras	Light Pole	White	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Bollard	Yellow	Metal	0.02	Negative			
98	Street Dr. Jose E. Arraras	Bollard	Yellow	Metal	0.00	Negative	-		
	Street Dr. Jose E. Arraras	Electric Panel Base	Yellow	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Yellow	Concrete	0.01	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Yellow	Concrete	0.01	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Orange	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Orange	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Orange	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Curb	Yellow	Concrete	1.00	Positive			
	Street Dr. Jose E. Arraras	Curb	Yellow	Concrete	1.50	Positive			
	Street Dr. Jose E. Arraras	Sign Pole	Yellow	Metal	2.10	Positive			
	Street Dr. Jose E. Arraras	Sign Pole	Yellow	Metal	2.60	Positive			
	Street Dr. Jose E. Arraras	Light Pole	White	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras Street Dr. Jose E. Arraras	Bollard Electric Panel Base	Yellow	Metal	0.00	Negative			
	Street Dr. Jose E. Arraras		Yellow	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Light Pole Light Pole	Gray White	Concrete	0.00	Negative			
	Street Dr. Jose E. Arraras	Light Pole	Yellow	Concrete Concrete	0.03	Negative Negative			
	Street Dr. Jose E. Arraras	Curb	Yellow	Concrete	1.20	Positive			
	Street Dr. Jose E. Arraras	Curb	Yellow	Concrete	1.50	Positive			
	Street Gaudier Texidor	Curb	Yellow	Concrete	1.20	Positive			
	Street Gaudier Texidor	Curb	Yellow	Concrete	0.00	Negative			
	Street Gaudier Texidor	Sign Pole	Yellow	Metal	1.20	Positive			
120 5	Street Gaudier Texidor	Sign Pole	Yellow	Metal	1.30	Positive			
	Street Gaudier Texidor	Sign Pole	Yellow	Metal	2.00	Positive			
	Street Gaudier Texidor	Sign Pole	Yellow	Metal	1.20	Positive			
	Street Gaudier Texidor	Speed Bump	Yellow	Asphalt	2.00	Positive			
	Street Gaudier Texidor	Speed Bump	Yellow	Asphalt	2.00	Positive			
	Street Gaudier Texidor	Curb	Yellow	Concrete	0.00	Negative			
	Street Gaudier Texidor	Curb	Yellow	Concrete	0.00	Negative			
	Street Gaudier Texidor	Curb	Yellow	Concrete	1.90	Positive			
	Street Gaudier Texidor	Curb	Yellow	Concrete	0.00	Negative			
	Street Gaudier Texidor Street Gaudier Texidor	Curb Light Pole	Blue	Concrete	0.00	Negative	_		
	Street Gaudier Texidor	Light Pole	White White	Concrete	0.02	Negative			
	Street Gaudier Texidor	Light Pole	White	Concrete Concrete	0.00	Negative Negative			
	Street Carmelo Aleman	Sign Pole	Yellow	Metal	1.20	Positive			
	Street Carmelo Aleman	Sign Pole	Yellow	Metal	1.20	Positive			
	Street Carmelo Aleman	Light Pole	White	Wood	0.00	Negative			
	Street Carmelo Aleman	Curb	Yellow	Concrete	0.00	Negative			
137 S	Street Martinez Torres	Sign Pole	Yellow	Concrete	1.20	Positive			
the second se	Street Martinez Torres	Sign Pole	Yellow	Concrete	1.20	Positive			
1.4.0	Street Martinez Torres	Sign Pole	Yellow	Concrete	1.50	Positive			
	Street Martinez Torres	Speed Bump	Yellow	Constants	1.000				

PROJECT:	Mayaguez Terrace, Urban Sector				CLIENT: 3 mg, PSC			
DATE:	11/26/2024	Roads & Sid	dewalk	LBP Inspector: Alicia Garcia				
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading mg/cm2	Pos/Neg	Comments	
142	Street Martinez Torres	Curb	Yellow	Concrete	0.00	Negative		
143	Street Martinez Torres	Light Pole	Cream	Concrete	0.00	Negative		
144	Street Martinez Torres	Light Pole	Gray	Concrete	0.00	Negative		
145	Street Martinez Torres	Curb	Yellow	Concrete	1.40	Positive		
146	Street Martinez Torres	Curb	Yellow	Concrete	0.00	Negative		
147	Street Martinez Torres	Curb	Yellow	Concrete	0.03	Negative		
148	Street Martinez Torres	Light Pole	White	Concrete	0.03	Negative		
149	Street Martinez Torres	Parking Line	Yellow	Concrete	0.00	Negative		
	Street Martinez Torres Street Martinez Torres	Parking Line	Yellow	Concrete	0.00	Negative		
	Street Martinez Torres	Curb Light Pole	Yellow	Concrete	0.00	Negative		
	Street Martinez Torres	Curb	Yellow Yellow	Concrete	0.00	Negative		
154	Street Martinez Torres	Curb	Yellow	Concrete	0.01	Negative		
	Street Martinez Torres	Curb	Yellow	Concrete Concrete	0.00	Negative Negative		
156	Street Martinez Torres	Curb	Blue	Concrete	0.00	Negative		
157	Street Martinez Torres	Light Pole	White	Concrete	0.00	Negative		
158	Street Ramon Power	Curb	Blue	Concrete	0.00	Negative		
159	Street Ramon Power	Sign Pole	Yellow	Metal	1.20	Positive		
	Street Ramon Power	Sign Pole	Yellow	Metal	2.00	Positive		
	Street Ramon Power	Sign Pole	Yellow	Metal	0.60	Negative		
	Street Ramon Power	Curb	Yellow	Concrete	0.00	Negative		
	Street Ramon Power	Light Pole	White	Metal	0.00	Negative		
	Street Ramon Power	Speed Bump	Yellow	Asphalt	1.00	Positive		
	Street Ramon Power	Ramp	Blue	Concrete	0.00	Negative		
	Street Ramon Power	Curb	Blue	Concrete	0.00	Negative		
	Street Medina Gonzalez	Sign Pole	Yellow	Metal	1.20	Positive		
	Street Medina Gonzalez Street Medina Gonzalez	Curb Second Down	Yellow	Concrete	0.00	Negative		
	Street Medina Gonzalez	Speed Bump Curb	Yellow	Concrete	1.50	Positive		
	Street Medina Gonzalez	Light Pole	Blue	Concrete	0.00	Negative		
	Street Medina Gonzalez	Light Pole	White White	Concrete Concrete	0.00	Negative		
	Street Medina Gonzalez	Light Pole	Blue	Concrete	0.00	Negative Negative		
	Street Larrañagara	Sign Pole	Yellow	Metal	1.60	Positive		
	Street Larrañagara	Sign Pole	Yellow	Metal	1.60	Positive		
176	Street Larrañagara	Sign Pole	Yellow	Metal	0.80	Negative		
177	Street Larrañagara	Light Pole	White	Concrete	0.00	Negative		
	Street Larrañagara	Speed Bump	Yellow	Asphalt	2.10	Positive		
	Street Larrañagara	Speed Bump	Yellow	Asphalt	2.10	Positive		
	Street Larrañagara	Speed Bump	Yellow	Asphalt	1.50	Positive		
	Street Larrañagara	Curb	Blue	Concrete	0.00	Negative		
	Street Larrañagara	Curb	Yellow	Concrete	0.00	Negative		
	Street Larrañagara	Light Pole	White	Concrete	0.00	Negative		
	Street Larrañagara	Light Pole	White	Concrete	0.00	Negative		
	Street Larrañagara Street Larrañagara	Curb	Gray	Concrete	0.00	Negative		
		Curb	Yellow	Concrete	0.00	Negative		
	Street Larrañagara Street Larrañagara	Light Pole Light Pole	Yellow	Wood	0.03	Negative		
	Street Larrañagara	Light Pole	Yellow Red	Concrete	0.00	Negative		
	Street Larrañagara	Curb	Blue	Concrete Concrete	0.00	Negative		
	Street Larrañagara	Curb	Yellow	Concrete	0.01	Negative Negative		
192 S	Street General Cordero	Sign Pole	Yellow	Metal	1.20	Positive		
	Street General Cordero	Speed Bump	Yellow	Asphalt	2.10	Positive		
	Street General Cordero	Light Pole	White	Concrete	0.00	Negative		
	treet General Cordero	Light Pole	White	Concrete	0.00	Negative		
	treet José Alegría	Floor Marking	Yellow	Concrete	0.00	Negative		
	treet José Alegría	Light Pole	White	Concrete	0.00	Negative		
	treet José Alegría	Sign Pole	Yellow	Metal	1.20	Positive		
	treet José Alegría	Curb	Yellow	Concrete	0.00	Negative		
200 S	treet 14	Sign Pole	Yellow	Metal	1.00	Positive		

PROJECT:	Mayaguez Terrace, Urban Sect	tor		CLIENT: 3 mg, PSC				
DATE:	11/26/2024	Roads & Sid	ewalk	LBP Inspector: Alicia Garcia				
Sample ID.		Location	Color	Subst.	XRF Reading mg/cm2	Pos/Neg	Comments	
202	Street Carlos Chardon	Light Pole	White	Wood	0.00	Negative	1	
203	Street Carlos Chardon	Light Pole	White	Concrete	0.00	Negative		
204	Street Carlos Chardon	Islet Curb	Yellow	Concrete	3.50	Positive		
205	Street Carlos Chardon	Bollard	Yellow	Metal	0.00	Negative		
206	Street Carlos Chardon	Bollard	Yellow	Metal	0.00	Negative		
207	Street Carlos Chardon	Sign Pole	Yellow	Metal	1.70	Positive		
208	Street Carlos Chardon	Sign Pole	Yellow	Metal	1.20	Positive		
209	Street Carlos Chardon	Sign Pole	Yellow	Metal	1.20	Positive		
210	Calibration			Interna	1.00	TOSITIVE		
211	Calibration			1	1.00			
212	Calibration				1.00			
				1				
				1				
1								
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APPENDIX C XRF Performance Characteristic Sheet



Performance Characteristic Sheet

EFFECTIVE DATE:	September 24, 2004
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EDITION NO.: 1

MANUFACTURER AND MODEL:

Make:	Niton LLC
Tested Model:	XLp 300
Source:	¹⁰⁹ Cd
Note:	This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:
	XLi 300A, XLi 301A, XLi 302A and XLi 303A.
	XLp 300A, XLp 301A, XLp 302A and XLp 303A.
	XLi 700A, XLi 701A, XLi 702A and XLi 703A.
	XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any	Brick	1.0
substrate	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

	Test	ing Times Us	ing K+L Readi	ng Mode (Seco	onds)		
Substrate		All Data		Median for la	boratory-measure (mg/cm²)	easured lead levels ²)	
	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 <u><</u> Pb<1.0	1.0 <u>≤</u> Pb	
Wood Drywall	4	11	19	11	15	11	
Metal	4	12	18	9	12	14	
Brick Concrete Plaster	8	16	22	15	18	16	

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

APPENDIX D Photographic Record



Photo No. 0663	Date: 11/26/2024	
Description: Basketball Co Lead-based pa floor lines.	ourt	
Photo No. 0662	Date: 11/26/2024	
Description: Basketball Co Lead-based pai pole.		



Photo No.	Date:	
0666 Description: Basketball Co Lead-based pai floor lines.		
Photo No. 0667	Date: 11/26/2024	
0667 11/26/2024 Description: Exterior Area Lead-based painted concrete floor lines.		



Photo No. 0664	Date: 11/26/2024	
Description: Basketball Co		
Photo No. 0669	Date: 11/26/2024	
Description: Basketball Cou		



Photo No. 0670	Date: 11/26/2024	
Description: Basketball Co		
Photo No. 0671	Date: 11/26/2024	
Description: Basketball Co Lead-based pai pole.		



Photo No.	Date:	
0672 11/26/2024 Description: Basketball Court Lead-based painted metal light pole.		
Photo No. 0668	Date: 11/26/2024	
Description: Basketball Co Lead-based pa electrical pane	ourt	



Photo No. 0673	Date: 11/26/2024	
Description: Soccer Field 4		
Photo No. 0674	Date: 11/26/2024	
Description: Soccer Field A		

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Photo No. 0675	Date: 11/26/2024	
Description: Soccer Field 4		
Photo No. 0676	Date: 11/26/2024	
Description: Soccer Field A Lead-based pa poles.	Area inted metal light	







Photo No. 0682	Date: 11/26/2024	
Description: Mayaguez Te Sector - Stree	errace Urban	
Photo No. 0680	Date: 11/26/2024	
Description: Mayaguez Te Sector - Stree	rrace Urban	



Photo No. 0683	Date: 11/26/2024		
Description: Mayaguez Te Sector - Stree Lead-based pa bollards.	errace Urban et #2		
Photo No. 0690	Date: 11/26/2024		
Description: Mayaguez Te Sector - Dr. Jo Street		F	



Photo No.	Date:	
0691 11/26/2024 Description: Mayaguez Terrace Urban Sector - Dr. Jose E. Arraras Street Lead-based painted concrete curb.		
Photo No. 0684	Date: 11/26/2024	
Street	rrace Urban ose E. Arraras inted metal sign	Pare



Photo No. 0692	Date: 11/26/2024	
Description: Mayaguez Te Sector - Dr. J Street		
Photo No. 0685	Date: 11/26/2024	
Description: Mayaguez Te Sector - Dr. Jo Street Lead-based pa curb.	rrace Urban ose E. Arraras	ROTULOS O FLYERS COPIAS O RÓTULOS O F



Photo No. 0688	Date: 11/26/2024	
Description: Mayaguez Terrace Urban Sector - Gaudier Texidor Street Lead-based painted metal sign pole.		
Photo No. 0686	Date: 11/26/2024	
Description: Mayaguez Ter Sector - Gaud Lead-based pai bump.	rrace Urban ier Texidor Street inted asphalt speed	



Photo No. 0687	Date: 11/26/2024	
Description: Mayaguez Te Sector - Gaud		
Photo No. 0689	Date: 11/26/2024	
Description: Mayaguez Te Sector - Gaud Lead-based pa curb.	rrace Urban lier Texidor Street inted concrete	



Photo No.	Date: 11/26/2024	
pole.	errace Urban nelo Aleman ninted metal sign	
Photo No. 0695	Date: 11/26/2024	
Description: Mayaguez Te Sector - Mart Lead-based pa pole.	errace Urban tinez Torres Street ainted concrete sign	



Photo No.	Date:	
Description: Mayaguez Terrace Urban Sector - Martinez Torres Street Lead-based painted concrete curb.		
Photo No. 0696	Date: 11/26/2024	
Description: Mayaguez Te Sector - Ram		



Photo No. 0697	Date: 11/26/2024	
Description: Mayaguez Te Sector - Larra		
Photo No. 0698	Date: 11/26/2024	
Description: Mayaguez Ter Sector - Carlo		







Photo No. 0701	Date: 11/26/2024	
Description: Mayaguez Terrace Urban Sector - Carlos Chardon Street Lead-based painted metal sign poles.		
Photo No. 0702	Date: 11/26/2024	
Description: Mayaguez Te Sector - Carlo		



APPENDIX E Location of Positive Materials





Exhibit 7Y

Asbestos Containing Building Materials Inspection Report

Project:

Mayagüez Terrace Urban Sector RFP 2022-PR-CRP-000855, Mayagüez, P.R.

Client: 3mg, PSC

ZEM-24401 December 2024

Prepared By:

Zimmetry Environmental Management, Corp. www.zimmetry.com info@zimmetry.com

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1.2	Summary of Property Evaluation	1
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2.1	Overview of the Evaluation	2
2.2	Areas Not Included in this Report	2
2.3	Conditions and Limitations—Disclaimer	2
2.4	Environmental Assessment Report Certification	3
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List of Appendices

Appendix A: Certifications, Licenses, and Accreditations Appendix B: Certification of No Presence of Asbestos (Form PGC-009)

Section 1: Executive Summary

1.1 Introduction

An Asbestos Containing Building Materials (ACBM) inspection was conducted on November 26, 2024, at the Mayagüez Terrace Urban Sector Project: RFP 2022-PR-CRP-000855 Community Development Block Grant – Disaster Recovery located in Mayagüez, Puerto Rico. The asbestos-containing building materials sampling was performed to identify materials that contain asbestos fibers above allowable levels and to assist with compliance with local, state, and federal regulations.

1.2 Summary of Property Evaluation

The inspection consisted of the evaluation of the soccer field (exterior of structures), basketball court and streets (Dr. Jose E. Arraras, Gaudier Texidor, Carmelo Alemar, Martinez Torres, Ramon Power, Medina Gonzalez, Larrañagara, General Cordero, José Alegría, #14 and Carlos Chardon) of the project mentioned above. The inspection found that no asbestos-containing materials were identified during the inspection of the areas.



Section 2: Asbestos Containing Building Materials Inspection Report

2.1 Overview of the Evaluation

This asbestos-containing material (ACM) survey is an inspection to identify the location of any ACM that exists within. Throughout the inspection, no asbestos-containing materials were identified in the assessed areas.

The sampling was conducted by the Department of Natural and Environmental Resources (DRNA) of Puerto Rico and the United States Environmental Protection Agency (USEPA) accredited Inspectors qualified by experience, education, and training in recognition of potential ACBM and approved bulk sampling techniques. Direct access may have been restricted in certain areas due to physical hazards. In these cases, if any, assumptions were made based on findings from other locations whenever possible. Any such assumptions are duly noted in this report.

The inspection followed the Environmental Protection Agency recommended procedures EPA-450/2-78-014 (Parts I and II), EPA 560/5-85-024, and 40 CFR 763. These procedures call for the visual inspection of the building for suspect friable material and the collection and analysis of representative samples of suspect material.

2.2 Areas Not Included in this Report

NONE

2.3 Conditions and Limitations—Disclaimer

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally, consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this project on the evaluation date.

The results reported, and conclusions reached by the Preparer are solely for the benefit of the Owner and occupants. The results and opinions in this report, based solely on the conditions found at the project on the evaluation date, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any actual or potential asbestos hazards at this project beyond the date of the project evaluation.

The Asbestos Containing Building Materials inspection was performed on readily accessible components and surfaces. If suspected components that could contain asbestos are encountered, they shall be managed as containing asbestos until the appropriate laboratory analysis is performed.


2.4 Environmental Assessment Report Certification

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally, consistent with commonly accepted industry standards. The inspection was conducted on November 26, 2024, by Miguel A. Peña, ASB-1024-0466-SI, qualified by experience, education, and training in recognizing asbestos-containing materials and approved sampling techniques.

Per 00

Miguel Peña Environmental Building Consultant



Asbestos Containing Building Materials Inspection Project No. ZEM-24401

Section 3: Appendices

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: Certification of No Presence of Asbestos (Form PGC-009)



APPENDIX A Certifications, Licenses and Accreditations









APPENDIX B Certification of No Presence of Asbestos (Form PGC-009)





GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

				PG	PARA USO OFICIAL
Yo, <u>Miguel F</u> (Nombr		_, mayor de edad,	casado (Estado Civil)	, y vecino	Bayamón (Municipio)
Dirección Postal P	O Box 3545	Bayamón	00958		
		(Pueblo)	(Zip Code)		
Teléfonos: Residencia Fax	ll (<u>787</u>)	<u>550 - 2061</u> Ofi <u>995 - 0005</u>	cina (<u>787) 99</u>	50005	Ext
Certifico que: 1. La estructura local demolición se enc	Pu lizada en <u>De</u>	ayagüez Terrace Urban S ierto Rico (Project: RFP 2 evelopment Block Grant -	2022-PR-CRP-000	855 Community	
2. La información ant					
		iencias de incluir y sor			
		esente certificación en	(N	<u>ayamón</u> Iunicipio)	de Puerto Rico,
	Firma	Firma y Sello del Inspector de Asbes	del Profesional sto registrado po		al)
					n el pago de sus cuotas 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



CERTIFICATION

4535	TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO			
62	Esta tarjeta autoriza a:			
1 and a lot	Miguel A. Peña Ruiz			
ATA	Inspector			
1 Arrive	A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un			
ASB-1024-0466-SI	empleado del DRNA.			
Número de Registro	1.025			
24-oct-2025	Firma Autorizada - Departamento			
Fecha de vencimiento	Recursos Naturales y Ambientales			

Exhibit 8 Critical Habitat Map for Threatened & Endangered Species [USFWS]

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace Mayagüez, PR 00682 Coordinates 18.215681, -67.148371



and that may require special management and protection.

Earthstar Geographies | Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS

Imi



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

3	Sased on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is nodified this office should be contacted concerning the need for the nitiation of consultation under section 7 of Endangered Species Act of 1973.							
	DAMARIS ROMAN Reviewer RUIZ	Digitally signed by DAMARIS ROMAN RUIZ Date: 2024.06.10 13:32:49 -04'00'						
	SILMARIE PADRON	J Digitally signed by SILMARIE PADRON Date: 2024.06.10 19:49:13 -04'00'						

Acting Caribbean ES Field Supervisor

RE: USFWS Endangered Species Act Certifications CRP Program – May 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-000369	Plaza de Armas, Old San Juan
PR-CRP-000388	Centro Urbano Tradicional
PR-CRP-000443	Rehabilitación Plaza de Hostos
PR-CRP-000497	Rotonda Miguel Meléndez Muñoz / CDT – Mejoras al Acceso
T K-CKI-000477	Vial
PR-CRP-000506	Ramón E. Betances Main Square
PR-CRP-000700	Parque Urbano "Canobanax"
PR-CRP-000768	Urban Center Street and Sidewalk Restoration
PR-CRP-000803	Nuevo Teatro Comunitario
PR-CRP-000855	Mejoras a la infraestructura de la Urbanización Mayagüez
T K-CKI-000000	Terrace
PR-CRP-000924	Improvements to Plaza Convalecencia & Plaza del Pilar
PR-CRP-000943	Renovation of Public Plaza at Florida Urban Center
PR-CRP-000957	Gándara Avenue Rehabilitation

CDBG-DR FUNDS

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

Sincerely,

Permits and Environmental Compliance Division Disaster Recovery Office

HOUSING

Self-Certification

DBG-DR FUND

OBC-MIT FU

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

Endangered Species Act Certification

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

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

The Puerto Rico Department of Housing (PRDOH) certifies that the following project **Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)**, consisting of the reconstruction of sidewalks and ramps in compliance with the Americans with Disabilities Act (ADA), repaving of streets, construction of areas for solid wastes containers, replacement of street lighting, and the installation of traffic control street signs, improvements to the infrastructure of the project area including recreational areas (basketball court and soccer field), construction of a Police outpost, the development main entrance architecture, and maintenance to stormwater management systems, which consist of cleaning and flushing of storm water piping; located throughout several streets and public facilities of the Mayagüez Terrace Urbanization, Mayagüez, PR 00682; central coordinates 18.215681, -67.148371, complies with:

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

CDBG-DR FUNDS

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

Inc

nne L, 2024 Dale

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: <u>environmentcdbg@vivienda.pr.gov</u>

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace

























































United States Department of the Interior

FISH AND WILDLIFE SERVICE Caribbean Ecological Services Field Office Post Office Box 491 Boqueron, PR 00622-0491 Phone: (787) 834-1600 Fax: (787) 851-7440 Email Address: <u>CARIBBEAN ES@FWS.GOV</u>



June 23, 2023

In Reply Refer To: Project code: 2023-0097311 Project Name: Mayagüez Terrace Urban Sector

Subject: Consistency letter for the project named 'Mayagüez Terrace Urban Sector' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On June 23, 2023, B. Pichardo used the Caribbean DKey; dated February 08, 2023, in the U.S. Fish and Wildlife Service's online <u>IPaC application</u> to evaluate potential impacts to federally listed species, from a project named 'Mayagüez Terrace Urban Sector'. The project is located in Mayagüez County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/@18.2155046,-67.14845738599425,14z</u>



The following description was provided for the project 'Mayagüez Terrace Urban Sector':

The Mayagüez Terrace Urban Sector is one of the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is a 0.2 square kilometers urban area with approximately 560 residential properties and 12 streets, as described in the attached project narrative. The repair, improvement, reconstruction, and rehabilitation is consistent with section 58.35(a) (1) in the way of:

1. The facilities already exists and will remain are in place and will not be changed in size or capacity by any means.

2. The facilities will remain the same use and will be updated to suit current inforce accessibility and building codes

Based on your answers and the assistance of the Service's Caribbean DKey, you determined the proposed Action will have "No Effect" on the following species:

Species	Listing Status	Determination
Puerto Rican Boa (Chilabothrus inornatus)	Endangered	No effect

Thank you for informing the Service of your "No Effect" determination(s) for this project. No further consultation/coordination for this project is required for these species. However, be aware that reinitiation of consultation may be necessary if later modifications are made to the project so that it no longer meets the criteria or outcome described above, or if new information reveals effects of the action that could affect listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed.

This letter serves as documentation of your consideration of the federally listed species as required under section 7 of the ESA. However, effects to the other federally listed species or critical habitat as listed below from the "IPaC print-out for the project" (see below) should be considered as part of your ESA review for the project.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a "No Effect" (NE) determination for Federally listed species in the Caribbean. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NE concurrence provided here. This verification period allows the Caribbean Ecological Services Field Office to apply local knowledge to evaluate the Action, as we may identify a small subset of actions having unanticipated impacts. In such instances, the Caribbean Ecological Services Field Office may request additional information to verify the effects determination reached through the DKey.

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species**. If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion. Effects to the other federally listed species or critical habitat as listed below should be considered as part of your ESA review for the project.

West Indian Manatee Trichechus manatus Threatened

If the proposed project is located within species range where a DKey has not been developed for those species, please follow the established guidance for initiating section 7 consultation Caribbean Ecological Services Field Office.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of our people. If you have any questions or require additional information, please contact our office at Caribbean_es@fws.gov.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Mayagüez Terrace Urban Sector

2. Description

The following description was provided for the project 'Mayagüez Terrace Urban Sector':

The Mayagüez Terrace Urban Sector is one of the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is a 0.2 square kilometers urban area with approximately 560 residential properties and 12 streets, as described in the attached project narrative. The repair, improvement, reconstruction, and rehabilitation is consistent with section 58.35(a) (1) in the way of:

1. The facilities already exists and will remain are in place and will not be changed in size or capacity by any means.

2. The facilities will remain the same use and will be updated to suit current inforce accessibility and building codes

The approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/@18.2155046,-67.14845738599425,14z</u>



QUALIFICATION INTERVIEW

1. Is the proposed project an EPA Multi-Sector General Permit (MSGP) renewal for an existing project? (MSGP Fact Sheet)

No

- 2. Is the proposed project within an urban developed area? (i.e., cities, downtowns, etc.) *Yes*
- 3. [Hidden Semantic] Does the proposed project intersect the Puerto Rican boa area of influence?

Automatically answered *Yes*



October 15, 2024	1:30,000
Project Buffer (1 mile)	0 0.23 0.45 0.9 mi
	0 0.38 0.75 1.5 km
Project Site	Maxar

Exhibit 9 Explosive and Flammable Hazards Map						
Scale						
Source of Information	https://nepassisttool.epa.gov/	N				
Title of the Figure	Explosive and Flammable Hazards Map	IN				
Project Coordinates	18.215681, -67.148371					
Name of the Development	Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)					
Name or Company of Preparer	3mg Architects and Engineers					
Distance to Closest Compliance Factor	Not Applicable, see legend					



USDA Natural Resources Conservation Service Web Soil Survey National Cooperative Soil Survey Exhibit 10 Farmlands Protection



Farmland Classification—Mayaguez Area, Puerto Rico Western Part (PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace)

**	Prime farmland if subsoiled, completely removing the root inhibiting soil layer	~	Farmland of statewide importance, if drained and either protected from flooding or not frequently	~	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	~	Farmland of unique importance Not rated or not available	Prime farmland if subsoiled, completely removing the root inhibiting soil layer
~	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	~	flooded during the growing season Farmland of statewide importance, if irrigated and drained	~~	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the	Soil Rat	ing Points Not prime farmland All areas are prime farmland	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
~	Prime farmland if irrigated and reclaimed of excess salts and sodium	~	Farmland of statewide importance, if irrigated and either protected from	~	growing season Farmland of statewide importance, if warm		Prime farmland if drained Prime farmland if	Prime farmland if irrigated and reclaimed of excess salts and
~	Farmland of statewide importance Farmland of statewide		flooding or not frequently flooded during the growing season		enough, and either drained or either protected from flooding or		protected from flooding or not frequently flooded during the growing	sodium Farmland of statewide importance
$\tilde{\sim}$	importance, if drained Farmland of statewide	• •	Farmland of statewide importance, if subsoiled, completely removing the		not frequently flooded during the growing season		season Prime farmland if irrigated	Farmland of statewide importance, if drained
	importance, if protected from flooding or not frequently flooded during the growing season	~	root inhibiting soil layer Farmland of statewide importance, if irrigated and the product of I (soil	~	Farmland of statewide importance, if warm enough Farmland of statewide		Prime farmland if drained and either protected from flooding or not frequently flooded during the	Farmland of statewide importance, if protected from flooding or not frequently flooded during
~	Farmland of statewide importance, if irrigated		erodibility) x C (climate factor) does not exceed 60	~	importance, if thawed Farmland of local importance		growing season Prime farmland if irrigated and drained	the growing season Farmland of statewide importance, if irrigated
				~	Farmland of local importance, if irrigated		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	



Farmland Classification—Mayaguez Area, Puerto Rico Western Part (PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace)

	Farmland of statewide importance, if drained and either protected from		Farmland of statewide importance, if irrigated and reclaimed of excess		Farmland of unique importance Not rated or not available	The soil surveys that comprise your AOI were mapped at 1:20,000.
	flooding or not frequently flooded during the growing season		salts and sodium Farmland of statewide importance, if drained or	Water Fea	tures Streams and Canals	Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause
	Farmland of statewide importance, if irrigated and drained		either protected from flooding or not frequently flooded during the	Transport		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
	Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the		growing season Farmland of statewide importance, if warm enough, and either drained or either	~	Interstate Highways US Routes	scale. Please rely on the bar scale on each map sheet for map measurements.
	growing season Farmland of statewide importance, if subsoiled, completely removing the		protected from flooding or not frequently flooded during the growing season	Backgrou	Major Roads Local Roads nd	Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)
•	root inhibiting soil layer Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if warm enough Farmland of statewide importance, if thawed Farmland of local importance Farmland of local importance, if irrigated		Aerial Photography	Maps from the Web Soil Survey are based on the Web Mercato 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. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Mayaguez Area, Puerto Rico Western Part
						Survey Area Data: Version 20, Sep 10, 2024 Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.
					Date(s) aerial images were photographed: Jan 23, 2022—Ma 1, 2022	
						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



Farmland Classification

	1	1	1	
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
An	Alluvial land	Not prime farmland	0.8	1.6%
DaD2	Daguey clay, 12 to 20 percent slopes, eroded	All areas are prime farmland	0.0	0.0%
Lc	Leveled clayey land	Not prime farmland	26.8	53.7%
Lf	Leveled land, frequently flooded	Not prime farmland	22.3	44.6%
Totals for Area of Inter	est		50.0	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.





12/29/2023





SFHA / Flood Zone Boundary Future Conditions 1% Annual Chance Flood Hazard 🔭 Flowage Easement Boundary

Area with Reduced Risk Due to Levee

Area with Risk Due to Levee

FIRM Panels

Limit Lines

0

https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/explore



0.2 km

0.14 mi

1:4,514

0.07

0.1

FEMA, Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare,

SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census

0.04

0.05

FEMA | Maxar | Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau |

EXECUTIVE ORDER 11988 – FLOODPLAIN MANAGEMENT EIGHT-STEP PROCESS U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT COMMUNITY DEVELOPMENT BLOCK GRANT – DISASTER RELIEF (CDBG-DR) PROGRAM

FLOODPLAIN MANAGEMENT 8-STEP DECISION-MAKING PROCESS

Project: "Mejoras a la infraestructura de la Urbanización Mayagüez Terrace", Municipality of Mayagüez, Puerto Rico

Project No. PR-CRP-000855, Grant No. B-18-DM-72-0001, B-18-DP-72-0001

Decision Process for Executive Order 11988 as Provided by 24 CFR §55.20

Step 1: Determine whether the action is located in a 100-year floodplain

The proposed project, PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace, is located throughout several streets and public facilities of the Mayagüez Terrace Development; from coordinates 18.21731, -67.15182, to coordinates 18.218577, -67.150287, to coordinates 18.215584, -67.145593, to coordinates 18.214747, -67.144651, to coordinates 18.212616, -67.146621, and coordinates 18.21731, -67.15182, with total dimensions of 3.39 acres. The project consist of reconstruction of sidewalks and ramps for the disabled in compliance with the ADA Law, repaving of street, construction of areas for solid wastes containers, replacement of street lighting, installation of traffic control street signs, improvements to recreational areas (basketball court and soccer field and construction of Police outpost), improvements to stormwater management systems, by cleaning, flushing of storm water piping, improvements to the urbanization main entrance architecture. The proposed activity is situated in a diverse flood zone type, 0.22 acres located in a 100-year floodplain, flood zone AE, 1.12 acres located in a 500-year floodplain, flood zone Shaded X and 2.05 acres outside the floodplain based on the FEMA Puerto Rico Advisory Flood Elevation Map. There will not be acquisition of private land and no new construction on previously undisturbed areas addressed by this notice.

The floodplain, situated in flood zone A, can be found at the FEMA Puerto Rico Advisory Flood Elevation Map, Panel 72000C0985J, as of 12/11/2018, as indicated by the FEMA Flood Map Service Center at <u>https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/explore</u>.
Refer to Attachment 1 for FIRMette, ABFE Map and Wetland Map.

This analysis will consider impacts to the floodplain along with concerns for loss of life or property; if applicable.

Step 2: Notify the public and agencies.

A public notice describing the project was published in in the "Primera Hora" newspaper of Puerto Rico on November 7th, 2023. The notice targeted local residents, including those in the floodplain. The notice was also sent to interested Federal, and State agencies to be interested in such notices. The required fifteen (15) calendar days were allowed for public comment. As required by regulation, the notice also included the name, proposed location and description of the activity, total number of floodplain acres involved, and the responsible entity contact for information as well as a website and the location and hours of the office at which a full description of the proposed action can be viewed. No comments were received. No opposition to the proposed project was expressed by the commentators. Attachment 2 includes copy of the public notice.

Step 3: Identify and evaluate practicable alternatives.

The responsible entity has considered the following alternatives:

Alternative 1: Locate the Project Within the floodplain. – The proposed action is according to zoning. Besides, the proposed project will not exceed the existing developed area and will not change the present use of the area.

Alternative 2: Locate the Project Outside of the floodplain. - The responsible entity analyzed to locate the project outside the floodplain and did not identify an alternative site to develop the proposed project, because the main purpose of the project is to improve the existing facility within the urban area for the benefit of the community residents.

Alternative 3: No action taken. - The proposed improvements will not be implemented, and the existing facility will not be enhanced.

Step 4: Identify Potential Direct and Indirect Impacts

Alternative 1: Locate the Project within the floodplain. –The project at the proposed site will not impact the floodplain and will not have a significant impact on the actual runoff water behavior during weather events. The city of Mayagüez is a member of the National Flood Insurance Program and structures located in the flood zone must comply with the PR flood regulations. In consequence, the structures will be constructed according to the current regulations designed to minimize these impacts. Potential adverse impacts from construction would be

temporary and mitigated through construction staging plans developed in partnership with the Mayagüez Municipality to minimize disturbance throughout the construction period and at the end of the project. The proposed project will be connected to the existing infrastructure systems to minimize adverse impacts on the environment and will help preserve the present functions and values like water quality, erosion control and flora & fauna habitat in the park.

Step 5: Mitigate Adverse Impacts

It is the responsible entity determination that there is no practicable alternative for locating the project outside the flood zone.

The highest priority of this review is to prevent the loss of life. No loss of life could be caused as part of the proposed actions. On the contrary, the proposed works would not only generate a positive impact to the actual floodplain in benefit of the people's life and security by providing adequate illumination to this area, but that will also help to protect the financial investment of the contiguous business by promoting tourism that actually support the community economy.

In order to preserve property, flood insurance will also be acquired and maintained in order to mitigate flood damage. The structures will be elevated at above the ABFE to save on flood insurance cost and to enhance the structures' ability to withstand floods.

The site design chosen as an alternative at Step 3 reduced floodplain impacts and prevented new construction from occurring in the floodplain considering provisions for draining, and using pervious surfaces throughout the site, the construction will have minimal effects on water resources. Potential impacts to the floodplain will also be limited due to construction occurring within the previously developed site. Construction debris will be collated and disposed at a certified dump site or other authorized facility to manage wastes. Best management practices will be employed during the design and construction activities.

Step 6: Re-Evaluate Alternatives

No new occupancy or modification of the floodplain areas will take place since this project consists of an existing recreational facility that is actually in use and that constitute the actual urban area of the community of Mayagüez Terrace and their visitors. The proposed improvements will provide longer useful life of the infrastructure so that it can be continued to be used by citizens of Mayagüez Terrace and their visitors. The People of Puerto Rico and the Municipality of Mayagüez are the owners of the proposed project site. No additional cost due to land acquisition will be incurred upon nor will ownership issues needed to be solved.

It is the responsible entity determination that there is no practicable alternative for locating the project outside the flood zone. The proposed project will:

- 1) Enhance current recreational and outdoor options for the people of Mayagüez Terrace and visitors.
- 2) Provide recreation alternatives to low- and moderate-income communities surrounding the area.
- 3) Mitigate and minimize impacts on human health, public property, and floodplain values.
- 4) Have minimal adverse impacts on the floodplain functions and values.
- 5) Improve existing site's conditions, and infrastructure.
- 6) Help to prevent further deterioration of the site and to improve traffic safety.
- 7) Improve security to the residents of Mayagüez Terrace.

Step 7: Notify finding to the public and agencies.

A final notice published in the "El Nuevo Día" newspaper of Puerto Rico on January 27, 2024, targeted local residents, including those in the floodplain. The final notice detailed the reasons why the proposed activity must be located in the floodplain, a list of alternatives considered, and all mitigation measures taken to minimize adverse impacts and preserve natural and beneficial floodplain values. As required by regulation, the notice also included the name, proposed location and description of the activity, total number of floodplain acres involved, and the responsible entity contact for information as well as a website and the location and hours of the office at which a full description of the proposed action can be viewed. The notice was also sent to interested Federal, and State agencies to be interested in such notices. The required seven (7) calendar days were allowed for public comment. No comments were received. No opposition to the proposed project was expressed by the commentators. Attachment 3 includes a copy of the public final notice.

Step 8: Implement the proposed action.

The municipality of Mayagüez will assure that this plan, as described above, is executed and necessary language will be included in all agreements with participating parties. The municipality of Mayagüez will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur no unnecessary risks are taken. The flood insurance requirement for the life of the property will be accomplished.

Attachment 1 Maps

National Flood Hazard Layer FIRMette



Legend

67°9'13"W 18°13'14"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 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 X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer GENERAL STRUCTURES LIIII Levee, Dike, or Floodwall B 20.2 Cross Sections with 1% Annual Chance AREA OF MINIMAL FLOOD HAZARD 17.5 Water Surface Elevation Puerto Rico Unincorporated Areas Coastal Transect Mase Flood Elevation Line (BFE) 720000 Limit of Study Jurisdiction Boundary Coastal Transect Baseline _ ---OTHER Profile Baseline 72000C0985J FEATURES Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS 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 2/6/2023 at 12:48 PM and does not Zone AO reflect changes or amendments subsequent to this date and (DEPTH 0.9 Meters) time. The NFHL and effective information may change or become superseded by new data over time. Zone AE This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, (EL 2.7 Meters) legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 67°8'35"W 18°12'39"N Feet 1:6.000 unmapped and unmodernized areas cannot be used for regulatory purposes. 250 500 1,000 1.500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



U.S. Fish and Wildlife Service National Wetlands Inventory

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace



December 29, 2023

Wetlands

- Estuarine and Marine Wetland

Estuarine and Marine Deepwater

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

Lake Other Riverine 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.

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace



12/29/2023

0.04 0.07 0.14 mi 0 Flood Hazard Area (zoom in to make visible) A-Floodway Limit of Moderate Wave Action (LiMWA) 0.2% Annual Chance Flood Hazard SFHA / Flood Zone Boundary AE-Floodway Streamline (zoom in to make visible) Future Conditions 1% Annual Chance Flood Hazard 🔭 Flowage Easement Boundary FIRM Panels AO Flood Hazard Zones 0 0.05 0.1 0.2 km Coastal A Zone and Floodwa Area with Reduced Risk Due to Levee ΔF 1% Annual Chance Flood Hazard Zone/BFE Boundary Area with Risk Due to Levee FEMA, Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, Kegulatory Floodway Flood Hazard Boundaries Coastal A Zone Flood Hazard Extent SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census VE 1% Annual Chance Flood Special Floodway ----- Limit Lines 0.2% Annual Chance Flood Zone 0.2% Annual Chance Flood Area of Undetermined Flood Hazard NP ArcGIS Web AppBuilder

FEMA | Maxar | Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau |

Attachment 2

Step 2 Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain

 KATHERINE A. PEREZ GONZALEZ DEMANDANTE VS
 C L V I L PO20222/V01073 BOBRE: SEN-DECLARATORINSOL UNICOS DECLARATORINSOL PRESENTE Se le emplaza para alegación responsiva dentro de DESINITA EMPLAZANILINTO UNICOS DE AMERICA, I EL POR EDICTO ESTADOU DECLARATORINETO DOS UNICOS DE AMERICA, I EL SO días de haber sido díla genciado este emplazamiento, DOS UNICOS DE AMERICA, I EL SO días de haber sido díla de de diagendo LIBRE ASOCIADO DE PU-PERENTE SENTE SE de emplaza penciado este emplazamiento, DIS UNICOS DE AMERICA, I EL SO días de haber sido díla de de diagendo ciamiento. Usted debera LIBRE ASOCIADO DE PU-PERENTE SENTE SE de emplazamiento, DEMANDADAS

Aviso Preliminar y Revisión Pública de una Actividad Propuesta

en un Valle Inundable de 100 Años y 500 Años

Meioras a la infraestructura de la urbanización Mayaqüez Terrace PR-CRP-000855

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) ha

determinado que la siguiente acción propuesta bajo el Programa Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBC-DR), números de subvención B-17-DM-72-0001 y B-18-DP-72-0001, se encuentra en un valle inundable de 100 años y 500 años. Vivienda estará evaluando e identificando alternativas prácticas para realizar la acción

propuesta y el impacto potencial en la llanura de inundación debido a la acción propuesta, según establecido por la Orden Ejecutiva 11988, de acuerdo con las regulaciones de HUD en 24 CFR 5520 Subparte C - Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales. El proyecto propuesto, **PR-CRP-000855**, se encuentra dentro de un

municipio que sufrió daños debido a los huracanes Irma y María, y está localizado a lo largo de varias calles y estructuras públicas en el sector urbano Mayagüez Terrace, Mayagüez, PR 00682, con una cabida total de 3.39 acres. La actividad propuesta se ubica en diversos tipos de zonas de inundación: 0.22 acres, en un área de inundación zona AE, valle inundable de 100 años; y 112 acres, en un área de inundación zona X, valle inundable de 500 años. El área del proyecto se encuentra en el mapa de niveles de inundación base (ABFE, por sus siglas en inglés) (panel 72000C0985), efectivo 18/11/2009).

El proyecto propuesto consiste en la reconstrucción de aceras y rampas para discapacitados en cumplimiento de la Ley de Estadounidenses con Discapacidades (ADA, por su siglas en inglés). La reparación y repavimentación de superficies de calles, construcción de áreas para ubicar contenedores de residuos sólidos, remplazo de alumbrado eléctrico y la instalación de letreros de control de tráfico.

Además, incluye mejoras de áreas recreativas (cancha de baloncesto y campo de fútbol) y de los sistemas de alcantarillado pluvial, mejorar la condición y la arquitectura de la entrada principal de la

Este aviso tiene tres propósitos principales. En primer lugar, las personas que puedan verse afectadas

Este aviso tiene tres propositos principaies. En primer lugar, las personas que puedan verse alectadas por las actividades en los valles inundables y aquellos que tengan interés en la protección del ambiente natural deben tener la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Se exhorta a la comunidad a ofrecer ubicaciones alternas fuera de valles inundables, métodos alternos para cumplir el mismo propósito del proyecto y métodos para minimizar y mitigar los impactos. Segundo, un programa adecuado de avisos públicos puede ser una herramienta importante para la educación pública. La divulgación de información sobre valles inundables puede facilitar y presente de servición pública.

mejorar los esfuerzos federales por reducir los riesgos e impactos asociados con la ocupación y alteración de estas zonas especiales. Tercero, como materia de justicia, cuando el gobierno federal

determine participar en acciones ubicadas en valles inundables, debe informárselo a quienes puedan

Vivienda considerará todos los comentarios recibidos en o antes de 22 de noviembre de 2023. Pueden

enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, Atención: Ivelisse Lorenzo-Torres, Especialista en Permisos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a.m. a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. El número para obtener información es (787) 274-2527, ext. 4320. Como alternativa, también pueden

enviar los comentarios a Vivienda por medio electrónico a environmentcdbg@vivienda.pr.gov.

urbanización, y la construcción de un puesto avanzado de la policía.

Se informa que la Dra. Luz Cuebas cerrará permanentemente su oficina ubicada en el Blvd Cristobal Colon esg. Venus Urb El Verde Caguas, a partir del 21 de diciembre de 2023. Todo paciente deberá recoger su expediente en el término de 30 días.

Luego de esta fecha los expedientes no reclamados serán decomisados.

Agradecida por su confianza.

Para: Todas las partes interesadas, grupos e individuos

POR LA emplaza para la tibunai su latibunai ente de un (una) menor fuera de

aviso público

JOHN DOE V RICHARD ROF

RICHARD RUGE RICHARD RUGE GIVIT, NUM: SU2023CV0358 SORRE: CANCELACION DE PAGARE EXTRAVIADO EM-PAGARE EXTRAVIADO EM-PLAZAMIENTO POR EDICTO ESTADOS UNIDOS DE AMEÑ-ICA: IEL PRESIDENTE DE LOS EE. UU, J. SS. LE ESTADO UBRE ASOCIADO DE P.R.) A: JOHN DOE Y RICHARD ROE Oueda emplezado y notificado de que en este Tribunal se ha radicado una demanda de cancelación de pagaré extravi-ado, por cuarenta y tres mil dolares (\$43,000.00), con inter-anese al coho por ciento (8%) anual, en garanila eu nagaré a favor de Housen puestiment Corp., o a su orden, que vence la favor de Housen puestiment Corp., o a su orden, que vence unato (864, otorgade en San Juan, Puerto Rico, dos (2) de junio de min hovecientos adenta y siete (1977), ante el Notario VIBANA: POPIEDAD HORI.

sobre la siguiente propiedad: URBANA: PROPIEDAD HORI-ZONTAL: Apartamento número mil seiscientos dos (1602). Res-

Lidancia de torma irreguiar que frenta al àreia de estacionami-radice an el docimo sexto nivel sinto sobre Isreno: por el ESTE, de Condomino Segovia Jocaliz- en dos allineaciones diferentias, ado en la celle Sergio Cuevas una de diedocho pies once pui-bustamante de la Urbanzicación gadas (1811-1), equivalentés a Rosevelit de Rio Piedras. El cinco punto setenta y siete apartamonto Itere un area (5.77) metros, con el aparta-privada de ochocientos novante mento mil selectano (1811-1), equivalentés a publico criesto de la Urbanzicación (1803) vorá de cacho gatria-privada de ochocientos novante mento mil selectano (1803) y tres padadas (1971), equivalentes a publico criesto de la Urbanzicación (1803) vorá de cacho publicas publico criesto (1803) y tres padadas (1971), equivalentes y or el la siguiente forma. Balcón, sala-comedor, conta, dos cuarto de motifoco non la escalare y por al la siguiente forma. Balcón, sala-comedor conta, dos cuartos e la cientos uno (1801). Le corres-dicuación vertical y a las demas ponde el estacionamiento publicator. Der el NONTe, en nueve (249) descubiento. El be-dos alineaciones diferentes, una mentos. Comunes Generales: (1821) metros, con el corrador número mil cincuenta y tor al concedor o ceso a las apartanento. Inimero tretes (13) del tom (5.74) metros, con el corrador número mil cale al torino ventinales por ciento (5.74) metros, con el corrador número mil cale al torino contedo y otra de sels pies cinco número mil cale al torino sonto senta y cuarto número mil cale tom (5.74) metros, con el corrador número mil cales Norte, mentos a otra seguiera, por el suban de la encoleta de Puerto motros con la escalera, ne el subancio de la escalera al torino sonto de la escalera al torino socia de la escalera al torino socia de selse puer cinco número mil a tratas Norte, mentos con la escalera, por el subancio de la escalera de la escalera se subadas (3470; equival-o des 10.52) metros, con la de gación responsiva a través tachada sur del edificio que da de la sistema Unificado de Idencia de forma irregular que frente al área radica en el décimo sexto nivel ento sobre ferr

> MARTES. 7 DE NOVIEMBRE DE 2023

public notice

Early Notice and Public Review of a Proposed Activity in the 100-Year & 500-Year Floodplain

Improvements to the infrastructure of the Mayagüez Terrace Development PR-CRP-000855

To: All Interested Parties, Groups, and Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has determined that the following proposed action under the Community Development Block Grant – Disaster Recovery (CDBG-DR), City Revitalization Program, grant numbers B-17-DM-72-0001 and B-18-DP-72-0001, is located in a 100-year and 500-year floodplain. PRDOH will be identifying and evaluating practicable alternatives to locate the action in the floodplains and the potential impacts on the floodplains from the proposed action, as required by Executive Order 11988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and CFR 35,20 Subpart C - Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The proposed project, **PR-CRP-000855**, is within a municipality with structures damaged by hurricanes Irma and Maria and is located at throughout several streets and public facilities of the Mayagüez Terrace Urban Sector, Mayagüez, PR 00682, with total dimensions of 3.39 acres. The proposed activity is located in a diverse floodplain zone type: 0.22 acres located in a 100-year floodplain, flood zone AE; and 112 acres located in a 500-year floodplain, flood zone X. The floodplains in the project area can be found in the Advisory Base Flood Elevation (ABFE) (panel 72000C0985J, effective 11/18/20090.

The proposed project consists of the reconstruction of sidewalks and ramps for the disabled in compliance with the Americans with Disabilities Act (ADA), reparation and repaving of street surfaces, construction of areas to locate containers for solid waste, replacement of street lighting, and the installation of traffic control street signs. Also, the improvement of recreational areas (basketball court and soccer field), of stormwater sewer systems, and of the condition and architecture of the development's main entrance, and the construction of Police outpost.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Grommenters are encouraged to offer alternative sites outside of the floodplains, alternative methods to serve the same project purpose, and methods to minimize and mitigate impacts. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before November 22, 2023. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, Attention: Ivelisse Lorenzo-Torres, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 a. m. to 4:00 p. m. at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Rio Piedras, PR 00918. The number to get information is (787) 274-2527, ext. 4320. In the alternative, comments may also be sent to PRDOH by email to environmentcdbg@vivienda.pr.gov.

Date: November 7, 2023

la als

William O. Rodriquez Rodriquez, Esq. Secretary of the Department of Housing

Lodo, William O. Rodríguez Rodríguez Secretario del Departamento de la Vivienda

Fecha: 7 de noviembre de 2023

ser expuestos a un riesgo mayor o similar al presente.





Andrea Curbelo-Marty

From:	environmentcdbg <environmentcdbg@vivienda.pr.gov></environmentcdbg@vivienda.pr.gov>		
Sent:	Tuesday, November 7, 2023 2:13 PM		
То:	Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean_es@fws.gov;		
	Edwin_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-		
CC@usace.army.mil;			
	nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov;		
	comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera_r1		
	@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov;		
	ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov		
Subject:	Public Notice – Early Notice and Public Review of a Proposed Activity in the 100-Year & 500-Year		
	Floodplain_PRDOH Case PR-CRP-000855		
Attachments:	Early Notice_El Vocero_PR-CRP-000855.pdf		

Concerned agencies,

Enclosed please find a **Public Notice – Early Notice and Public Review of a Proposed Activity in the 100-Year & 500-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project *Mejoras a la infraestructura de la Urbanización Mayagüez Terrace* (PR-CRP-000855). The Early Notice was published in the *El Vocero* newspaper of Puerto Rico on November 7, 2023.

Respectfully,

Permits and Environmental Compliance Division

Office of Disaster Recovery <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 Visit us: www.cdbg-dr.pr.gov



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Andrea Curbelo-Marty

From:	Kenneth M. Garcia-De Leon	
Sent:	Tuesday, November 28, 2023 10:47 AM	
То:	environmentcdbg	
Subject:	RE: Comentarios PR-CRP-000855	

Saludos

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

Kenneth M. García De León

Oficial de Radicación de Informes de Operaciones Oficina Recuperación de Desastres <u>kgarcia@vivienda.pr.gov1787.274.2527</u> Ext. 4013 Visit us: <u>www.cdbg-dr.pr.gov</u> Write us: infocdbg@vivienda.pr.gov



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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, November 28, 2023 10:28 AM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios PR-CRP-000855

Saludos Kenneth,

Con respecto a la publicación del Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años y 500 años (Paso 2) para el proyecto **Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division

Office of Disaster Recovery <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 Visit us: www.cdbg-dr.pr.gov



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November 28, 2023

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: <u>environmentcdbg@vivienda.pr.gov</u>, for the project *Mejoras a la infraestructura de la Urbanización Mayagüez Terrace* (PR-CRP-000855), as part of the CDBG-DR City Revitalization Program. The Early Notice and Public Review of a Proposed Activity in the 100-Year & 500-Year Floodplain was published in the *El Vocero* newspaper of Puerto Rico on November 7, 2023, with a comment period that concluded on November 22, 2023.

Cordially,

Permits and Environmental Compliance Division Disaster Recovery Office <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 ext. 4320

CDBG-DR FUNDS

Attachment 3

Step 7 Final Notice and Public Review of a Proposed Activity in the 100-Year Floodplain

aviso público Aviso Final y Explicación Pública de una Actividad Propuesta

en un valle inundable de 100 años y 500 años

Mejoras a la infraestructura de la Urbanización Mayagüez Terrace PR-CRP-000855

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda) completó una evaluación según establece la Orden Ejecutiva 1988, de acuerdo con los reglamentos de HUD en 24 CER 55.20 Subparte C - Procedimientos para hacer determinaciones sobre el manejo del valle inundable y la protección de hacer determinaciones sobre subvencionada con fondos del Programa de Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desarres (CDBG-DP), número de subvención B-17-DM-72-0001 y B-18-DP-72-000. El proyecto, PR-CRP-000855, se localiza a lo largo de varias calles v estructuras públicas en la Urbanización Maxaduer localiza a lo largo de varias calles y estructuras públicas en la Urbanización Mayaguez Iocarza a lo largo de varias calles y estructuras publicas en la Urbanización Mayaguez Terrace, Mayaguez, PR 00682; coordenadas centrales 18.21568). 67148371 y dimensiones. de 3.39 acres. El proyecto consiste en la reconstrucción de aceras y rampas en cumplimiento con la Ley de Estadounidenses con Discapadidades (ADA, por sus solas en ingléc). reconstrucción de áreas y rampas en inglés), repavimentación de calles, construcción de áreas para contenedores de inglesi, repavimentación de calles, consuración de alcas para contenerores de desperdiciós sólidos, reemplazo de alumbrado eléctrico, y la instalación de señales de control de tránsito. Además, incluye mejoras a áreas recreativas (cancha de baloncesto y campo de futbol), construcción de un puesto policial, mejoras a la arquitectura de la entrada principal de la urbanización, y mantenimiento a los sistemas de alcantarillado pluvial mediante limpieza y lavado de tuberías de aguas pluviales. La actividad propuesta está situada en un tipo de zona de inundación diversa con una cabida de 3.39 acres, 0.22 acres estan ubicados en un valle inundable de 100 años, zona de inundación AE, 112 acres ubicados en un valle inundable de 500 años, zona de inundación X y 2.05 acres fuera del valle inundable. El área del proyecto se encuentra en el mapa de niveles de inundación base (ABFE, por sus siglas en inglés), como se indica en el Nivel de Inundación Base Recomendado de FEMA Puerto Rico en Puerto Rico Advisory Base Flood Elevations (ABFE's) | FEMA Region II Hub (arcgis.com).

Vivienda ha considerado las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar los valores naturales y beneficiosos. (1) ubicar el proyecto dentro del valle inundable, (2) ubicar el proyecto fuera del valle inundable, y (3) no tomar ninguna acción. Las alternativas y 3 no son factibles ya que las mejoras necesarias para la revitalización, restauración y construcción de las facilidades para la urbanización son específicas del sitio. La alternativa 1 se considera una opción viable que no tiene impacto en el valle inundable. No se producirá ninguna nucva ocupación o modificación de las áreas de los valles inundables, ya que el proyecto consiste en mejoras a instalaciones existentes que se encuentran actualmente en uso y que constituye la actual zona urbana del municipio de Mayagüez. El proyecto en el sitio propuesto no tendrá impacto en el valle inundable y no tendrá impacto negativo en el comportamiento del agua de escorrentía durante eventos climáticos. Se emplearán las mejores prácticas de manejo durante las actividades de diseño y construcción. El uso propuesto está en armonía con el área desarrollada circundante

Vivienda reevaluó las alternativas para construír en los valles inundables y determinó que no cuenta con alternativas prácticas. La documentación ambiental que evidencia el cumplimiento de los pasos 3 al 6 de la Orden Ejecutiva 11988, está disponible para inspección, revisión y reproducción de parte del público, de ser solicitado, en el horario y lugar indicado en el último párrafo sobre recibo de comentarios de este aviso.

Este aviso tiene tres propósitos principales. Primero, las personas que pueden verse afectadas por actividades en los valles inundables y aquellos que tengan interés en la protección del ambiente natural deben tener la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Segundo, un programa adecuado de avisos públicos puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios sobre los valles inundables puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en los valles inundables, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos en o antes del 4 de febrero de 2024. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C, Cordero Dávila, 606 avenida Barbosa, Rio Piedras, PR 00918-8461, Atención: Ivelisse Lorenzo-Torres, Especialista en Permisos y Cumplimiento, Ambiental, Una descripción, complata del provecto está disponible al piedras, PR 00/910/0101, Aleftonia, menser Lotenzo-Torres, Especialiste en reinitos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a.m. a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Rio Piedras, PR 00918. El Ricore obtenen información es (18/10/24/25/21 viz. 4/20) Como alternativa también número para obtener información es (787)274-2527 ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio environmentcdbg@vivienda.pr.gov.

Fecha: 27 de enero de 2024

Ledo. William O. Rodríguez Rodríguez Secretario del Departamento de la Vivienda

Autorizado por la Oficina del Contralor Electoral OCE-SA-2023-00076

public notice

Final Notice and Public Explanation of a Proposed Activity in a 100-Year and 500-Year Floodplain

Improvements to the infrastructure of the Mayagüez Terrace Urbanization PR-CRP-000855

To: All Interested Parties, Groups & Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted Inisis to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted an evaluation as required by the Executive Order 11988, in accordance with HUD regulations at 24 CFR 5520 Subpart C - Procedures for Making Determinations on Hoodplain Management and Wetlands Protection. The activity is funded under the Community Development Block Crant - Disaster Recovery (CDBG-DR), City Revitalization Program, Crant number B-17-DM-72-0001 and B-18-DP-72-0001. The proposed project, PR-CRP-000855, is located throughout several streets and public facilities of the Mayagüez Terrace Urbanization, Mayagüez, PR 00682; central coordinates 18.215681, 67/148371 and dimensions of 339 acres. The project consists of the reconstruction of 67.148371 and dimensions of 3.39 acres. The project consists of the reconstruction of sidewalks and ramps in compliance with the Americans with Disabilities Act (ADA), repaying of streets, construction of areas for solid varieties containers, replacement of street lighting, and the installation of traffic control street signs. Also, it includes improvements to recreational areas (basketball court and soccer field), construction of a Police outpost, improvements to the development main entrance architecture, and maintenance to stormwater management systems, which consist of cleaning and flushing of storm water piping. The proposed activity is situated in a diverse flood zone type with dimensions of 3.39 acres, 0.22 acres are located in a 100-year floodplain, flood zone AF, 112 acres are located in a 500-year floodplain, flood zone X, and 2.05 acres outside the floodplain. The floodplains in the project area can be found at Advisory Base Flood Elevation (ABFE), as indicated on the FEMA Puerto Rico Advisory Base Flood Elevation at Puerto Rico Advisory Base Flood Elevations (ABFE's) | FEMA Region II Hub (arcgis.com).

PRDOH has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values. (I) locate the project within the floodplain, (2) locate the project outside of the floodplain, and (3) take no action. Alternatives 2 and 3 are not feasible since the needed improvements for revitalization, restoration, and construction of the facilities for the urbanization are site specific. Alternative 1 is considered a viable option having no impact to the floodplains. No new occupancy or modification of the areas in the floodplains will take place since this project consists of an existing facility in a site that at the moment is in use and that constitutes the actual urban area of the municipality of Mayaguez. The project at the proposed site will not impact the floodplains and will not have a negative impact on the actual runoff water behavior during weather events. The best management practices will be employed during the design and construction activities. The proposed use is in harmony with the surrounding developed area.

PRDOH has reevaluated the alternatives to building in the floodplains and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of 24 Executive Order 11988 are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public comment about the floodplains can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in the floodplains, it must inform those who may be put at greater or continued risk

PRDOH will consider all comments received on or before February 4, 2024. Written comments can be sent to the following address. Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Rio Piedras, PR 00918-8461, Attention: Ivelisse Lorenzo-Torres, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 am to 4:00 pm at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Rio Piedras, PR 00918. The number to get information is (787)274-2527 ext. 4320. In the alternative, comments may also be sent to PRDOH by email at environmentcdbg@vivienda.pr.gov.

Date: January 27, 2024

William O. Rodriguez, Esq. Secretary of the Department of Housing

Authorized by the Office of the Electoral Comptroller OCE-SA-2023-00076 \$3

N

Andrea Curbelo-Marty

From:	environmentcdbg <environmentcdbg@vivienda.pr.gov></environmentcdbg@vivienda.pr.gov>		
Sent:	Monday, January 29, 2024 11:25 AM		
То:	Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean_es@fws.gov;		
	Edwin_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-		
	CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov;		
	nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov;		
	comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera_r1		
	@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov;		
	ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov		
Subject:	Public Notice – Final Notice and Public Explanation of a Proposed Activity in a 100-Year and 500-		
	Year Floodplain_PRDOH Case PR-CRP-000855		
Attachments:	Final Notice_El Nuevo Día_PR-CRP-000855.pdf		

Concerned agencies,

Enclosed please find a **Public Notice – Final Notice and Public Explanation of a Proposed Activity in a 100-Year and 500-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project *Mejoras a la infraestructura de la Urbanización Mayagüez Terrace* (PR-CRP-000855). The Final Notice was published in the *El Nuevo Día* newspaper of Puerto Rico on January 27, 2024.

Respectfully,

Permits and Environmental Compliance Division

Disaster Recovery Office <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 Visit us: <u>recuperacion.pr.gov</u> Contact us: <u>infocdbg@vivienda.pr.gov</u>



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Andrea Curbelo-Marty

From:	Kenneth M. Garcia-De Leon
Sent:	Tuesday, February 6, 2024 2:12 PM
То:	environmentcdbg
Subject:	RE: Comentarios - Aviso Final PR-CRP-000855

Saludos:

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente,

Kenneth M. García De León Especialista en Control de Documentos / Operaciones Oficina Recuperación de Desastres kgarcia@vivienda.pr.gov | 787.274.2527 Ext. 4013 Visitanos: recuperacion.pr.gov Contactanos: infocdba@vivienda.pr.gov



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From: environmentcdbg <environmentcdbg@vivienda.pr.gov> Sent: Tuesday, February 6, 2024 2:03 PM To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov> Subject: Comentarios - Aviso Final PR-CRP-000855

Saludos Kenneth,

Con respecto a la publicación del Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años y 500 años (Paso 7) para el proyecto **Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division

Disaster Recovery Office <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 Visit us: <u>recuperacion.pr.gov</u> Contact us: <u>infocdbg@vivienda.pr.gov</u>



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February 6, 2024

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: <u>environmentcdbg@vivienda.pr.gov</u>, for the project *Mejoras a la infraestructura de la Urbanización Mayagüez Terrace* (PR-CRP-000855), as part of the CDBG-DR City Revitalization Program. The Final Notice and Public Explanation of a Proposed Activity in a 100-Year and 500-Year Floodplain was published in the *El Nuevo Día* newspaper of Puerto Rico on January 27, 2024, with a comment period that concluded on February 4, 2024.

Cordially,

Permits and Environmental Compliance Division Disaster Recovery Office <u>environmentcdbg@vivienda.pr.gov</u> | 787.274.2527 ext. 4320

CDBG-DR FUNDS

GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

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

Wednesday, March 29, 2023

Lauren Bair Poche

HORNE - Architectural Historian Manager 10000 Perkins Rowe, Suite 610 Bldg. G Baton Rouge, LA 70810

SHPO: 03-09-23-04 MAYAGÜEZ, PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-000855, MEJORAS A LA INFRAESTRUCTURA DE LA URBANIZACIÓN MAYAGÜEZ TERRACE, MAYAGÜEZ, PUERTO RICO

Dear Ms. Poche,

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

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,

Carly apartir

Carlos A. Rubio-Cancela State Historic Preservation Officer CARC/GMO/LGC/EVR



OFICINA ESTATAL DE CONSERVACIÓN HISTÓRICA OFICINA DEL GOBERNADOR

STATE HISTORIC PRESERVATION OFFICE

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



March 10, 2023

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

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

Section 106 NHPA Effect Determination Submittal for PR-CRP-000855, Mejoras a la Infraestructura de la Urbanización Mayagüez Terrace, Mayagüez, Puerto Rico

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Municipality of Mayagüez, we are submitting documentation for the proposed Mejoras a la Infraestructura de la Urbanización Mayagüez Terrace project. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the preliminary drawings for the proposed improvements. Based on the provided documentation prepared by SOI-qualified professionals Wanda Bogdel Figueroa and Aida Belén Rivera Ruiz, the Program requests a concurrence with its determination that a finding of "No Historic Properties Affected" is appropriate for this undertaking.

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

Kindest regards,

Lauren Bair Poche. M.A. Architectural Historian, Historic Preservation Senior Manager Enclosures

CITY REVITALIZATION PROGRAM (CRP)

Section 106 NHPA Effect Determination



Subrecipient: Municipality of Mayagüez

Project Name: Improvements to the Infrastructure of Mayagüez Terrace Urban Sector

Project Number: PR-CRP-000855

Project Location: Mayagüez Terrace Urban Sector, Mayagüez, PR				
Project Coordinates: X: 18.21568125, Y: -67.14837171				
TPID (Número de Catastro): Many, see attached document.				
Type of Undertaking: X Substantial Repair Image: New Construction				
Construction Date (AH est.): Ca. 1955	Property Size (acres): 48.2			
SOI-Qualified Architect/Architectural Historian: Wanda Bogdel Figueroa + Aida Belén Rivera Ruiz				
Date Reviewed: 30 January 2023				
SOI-Qualified Archaeologist: Aida Belén Rivera Ruiz				
Date Reviewed: 30 January 2023				

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 Municipality of Mayagüez is proposing this project for Improvements to the Infrastructure of the Mayagüez Terrace Urban Sector. This project will be part of the CDBG-DR City Revitalization Program. The Mayagüez Terrace Urban Sector is one of the primary residential areas for students from the University of Puerto Rico Mayagüez Campus. This sector is a 0.2 square kilometers urban area with approximately 560 residential properties and 12 streets. Additionally, it is a sector with a high level of commercial and recreational activities for local communities.

This project aims to improve the lives of residents, property owners and better the experience of visitors by updating the infrastructure. These improvements will enhance the safety of local drivers and pedestrians, and will promote social, commercial, and residential activity to meet the existing demand of services. Additionally, this project seeks to provide potential flood reduction for high-risk flood areas to support community resilience to future storms. Failure to

CITY REVITALIZATION PROGRAM (CRP)



Section 106 NHPA Effect Determination Subrecipient: Municipality of Mayagüez

Project Name: Improvements to the Infrastructure of Mayagüez Terrace Urban Sector

Project Number: PR-CRP-000855

execute the project would keep the neighborhood at a greater risk for future natural disasters.

In evaluations carried out by the Municipality personnel, requests from residents of this sector and conversations with the University of Puerto Rico, Mayagüez Campus (UPRM), the Municipality has identified the some of the main problems in this community. To address these situations, the Municipal Administration are interested in carry out the following:

a. Reconstruction of sidewalks and ramps for the disabled in compliance with the ADA.

- b. Reparation and repaving of street surfaces.
- c. Construction of areas to locate containers for solid waste.
- d. Replacement of street lighting
- e. Installation of traffic control street signs
- f. Improving of recreational areas (basketball court and soccer field)
- g. Improving of stormwater management systems
- h. Improving of the condition and architecture of the urbanization main entrance
- i. Police Out Post

Reforestation activities and/or the implementation of green initiatives shall be considered when designing the improvements in infrastructure. The approximate dimensions for the project are:

a. Approximately 4,535 linear meters in length of streets

b. Approximately 11,500 square meters of total area of the basketball court and soccer field.

- c. Roads are approximately 24 feet in width length.
- d. Sidewalks are approximately 3 feet in width length.

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 APE for this project is the actual footprint of the proposed undertaking, with a buffer zone that extends northwest to PR-3108, northeast to the property boundary with the University of Puerto Rico-Mayagüez Campus, southeast to incorporate a thirty-meter-wide strip beyond the property boundary, and southwest to PR-2. (Figures 1-2)

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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 there is a minimal potential for the identification of archaeological resources within the proposed undertaking's area of potential effects.

There are no known historic properties within the APE. Historic cartography and imagery show the site to have been barren until the mid-twentieth century. (Figures 3-6) At 1.86 KM from the traditional urban center, most historic maps do not reach as far north. An 1888 topographic map barely includes the project location. (Figure 7)

Seven archaeological surveys have been conducted (completely or partially) within the APE (Figure 8):

Font Negrón, Aramis

- 2012 Mejoras al sistema sanitario Urb. Mayagüez Terrace Phase I Negative SHPO #12-19-11-04
- 2012 Mejoras al sistema sanitario Urb. Mayagüez Terrace Phase IB Negative SHPO #12-19-11-04
- 2008 Mejoras al sistema sanitario Urb. Mayagüez Terrace Phase IA Negative SHPO #12-19-11-04/ ICP/CAT-MY-08-15-06

Torres Martínez, Maritza

2006 Natatorio para los Juegos Centroamericanos y del Caribe Mayagüez 2010 Phase IA Negative ICP/CAT-MY-06-13-01

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Torres Morales, Osvaldo

2008 Diseño acceso vial al Recinto de Mayagüez desde la PR-3108 Phase IA-IB Negative SHPO #01-28-08-02/ ICP/CAT-MY-08-15-05
2005 Relocalización PR-108 Phase IA-IB
Desitivos bistorio building materiale

Positive: historic building materials ICP/CAT-MY-05-11-08

Vega, Jesús E.

1996 Relocalización PR-108 Phase IA-IB Negative SHPO #02-20-04-06/ ICP/CAT-MY-96-06-02

While one of these surveys had positive results (historic building materials), the entire footprint of the proposed project location was surveyed in 2008 and 2012 with negative results. One overlapping and one adjacent survey had similarly negative results.

The soil was classified in 2022 as Leveled land, frequently flooded (LF) and Leveled clayey land (Lc). Lf soils entail an estimated composition of 90 percent leveled land, thus lessening the prospect for the presence of undisturbed archaeological resources. Neither are suitable for farming. (Figure 9)

Identification of Historic Properties - Architecture

Mayagüez, one of the 42 coastal municipalities of Puerto Rico, is in the center of the island's west coast. To the west, it is bathed by the waters of the Mona Channel; to the north, it borders with Añasco; to the east, with Las Marías and Maricao; and, to the south, with San Germán, Hormigueros and Cabo Rojo.

This port and university city was founded on September 18, 1760, the date on which the small town that had already developed around the Nuestra Señora de la Candelaria Chapel (ermita) was officially recognized, where the traditional urban center is located today, by the Yagüez River. Its sustained development led it to obtain its title of town in 1836, upgrading to city in 1877. Mayagüez overcame great catastrophes, such as the Big Fire of 1841, which destroyed 660 of the 700 existing buildings at that time.

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Also, the 1918 San Fermín earthquake of magnitude 7.3 on the Richter Scale, killed 116 people, destroyed or damaged more than 1,700 masonry, concrete and wooden buildings. Its tsunami affected the port area and coastal neighborhoods. Earthquake and tidal wave damages were estimated at \$4,000,000.

Port development has occurred in this city since the end of the 18th century, with the port of Mayagüez being the most important on the island in the mid-nineteenth century. This coastal development continued to expand, even on the other side of the PR-2 state highway, today known as Ave. Eugenio María de Hostos in this jurisdiction.

Part of the development that occurred in the middle of the last century on the other side of PR-2 includes Mayagüez Terrace, one of the first developments built in this city, almost a mile from its traditional urban center. While in the 1930 aerial photo the property where this urbanization is located is still pristine, the 1950 aerial photo shows its land already without vegetation, in the process of being prepared for the construction of their houses, streets and communal areas. And, in the 1958 aerial photo, its streets can already be clearly defined with their blocks and lots.

Mayagüez Terrace borders on the southwest with PR-2, where its main access occurs; to the northwest, with highway 3108, where it has a secondary access; and, to the northeast and southeast, with properties of the Mayagüez Campus (RUM) of the University of Puerto Rico (UPR), formerly the College of Agriculture and Mechanical Arts (CAAM). The College, as it is also known and which dates from 1911, is its biggest neighbor, with its Finca Alzamora and several of its sports facilities adjoining, and with controlled access from one of the streets at the end of this urbanization. In addition, signage shows that a large part of the residents of Mayagüez Terrace are young university students who study in this UPR campus and who occupy the multiple lodgings of this urbanization.

This development is basically a rectangle parallel to PR-2, with a northwest-southeast orientation, which is made up of several linear blocks, which are defined by seven longitudinal streets, and six perpendicular streets and two alleys. Its first street is a marginal street that leads to PR-2, where businesses are located to a large extent. And it is on this front that the main entrance to this urbanization occurs centrally, through a double lane (one to enter and one to exit), which is divided by an asymmetric island and two parking areas, with businesses on both sides. The entrance road takes us to the second street of the urbanization, from where the circulation is mainly distributed to the other streets of it. But, in addition, we can access this urbanization from the marginal through the streets that are at its ends. And, only for pedestrians, through the two alleys that cross almost the entire urbanization from the marginal.

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This urbanization has, in its center, a large communal recreational area, elevated from the street level of the main entrance. In this area, there is a soccer field, a basketball court and an informal area with tables and benches to eat, all surrounded by trees and palms. In front of said communal recreational area, at street level, there is a "food truck" (La Sambuca), which can be seen as soon as we enter the urbanization.

The houses of Mayagüez Terrace are reinforced concrete buildings with one or two floors. These are highly altered by an array of interventions carried out over the decades of existence of this urbanization. We assume that this phenomenon, common in all urbanizations, has been greatly exacerbated by the conversion of many of these houses to lodging for students from the neighboring university campus. Generally speaking, one can barely recognize what may have been the original unit of this suburban development. Mayagüez Terrace has no integrity or historic significance.

Determination

Based on the results of our historic property identification efforts, the Program has determined that no historic properties will be affected by the proposed undertaking.

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Recommendation

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

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

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and:

□ **Concurs** with the information provided.

Does not concur with the information provided.

Comments:

Carlos Rubio-Cancela State Historic Preservation Officer

Date:

CITY REVITALIZATION PROGRAM (CRP)

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Fig. 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial) 2018 Google Earth imagery



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CITY REVITALIZATION PROGRAM (CRP)

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Subrecipient: Municipality of Mayagüez

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Fig. 5: Project (Parcel) Location – 1930 Aerial Photo 250 Mayagüez Terrace

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Photo #: 1	Description (include direction): Main entrance to Mayagüez Terrace, facing southwest
Date: 27 January 2023	Main emiliaries to Mayagooz tenace, racing seemwest

CITY REVITALIZATION PROGRAM (CRP)

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Photo #: 2

Description (include direction): Basketball court, facing norththwest

Date: 27 January 2023

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Photo #: 3	Description (include direction):	
	Informal seating area and portion of the soccer field,	
Date: 27 January 2023	facing south	

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Photo #: 4	Description (include direction): Recreational facilities (soccer field), facing north
Date: 27 January 2023	

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Photo #: 5	Description (include direction): Streetscape, facing south
Date: 27 January 2023	

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Photo #: 6	Description (include direction): Streetscape, facing east
Date: 27 January 2023	

233-006-667-28	233-006-667-01	233-006-667-16	233-006-664-12
233-006-667-27	233-006-667-02	233-006-667-17	233-006-664-11
233-006-667-26	233-006-667-03	233-006-667-18	233-006-664-10
233-006-667-25	233-006-667-04	207-096-663-27	233-006-664-09
233-006-667-24	233-006-667-05	207-096-663-26	233-006-664-08
233-006-667-23	233-006-667-06	207-096-663-25	233-006-664-07
233-006-667-22	233-006-667-07	207-096-663-24	233-006-664-06
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233-006-667-19	233-006-667-10	207-096-663-21	233-006-664-03
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233-006-667-15	233-006-667-14	207-096-663-17	207-096-663-12
233-006-668-34	233-006-667-01	207-096-663-16	207-096-663-11
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233-007-669-25	233-007-670-13	
233-007-669-26	233-007-670-14	
233-007-669-27	233-007-670-15	
233-007-669-28	233-007-670-16	
233-007-669-29	233-007-670-17	

MAYAGUEZ TERRACE URBAN SECTOR





AERIAL MAP

1









3mg & Associates P.O. Box 9023772 San Juan DR 00902 2772



Municipio de Autonomo de Mayaguez PO BOX 447, MAYAGUEZ, PR, 00681

SEAL & GRAATURE



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Description of the contract of the contract

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MAYAGUEZ TERRACE URBAN SECTOR

TITLE SHEET

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GENERAL NOTES

1.0 DEFINITIONS

1. ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.

2. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGES INFLECTED TO THE OWNER'S PROPERTY OR OTHER AREAS TO REMAIN DURING THE DEMOLITION AND CONSTRUCTION PHASE. DAMAGED ITEMS WILL BE RESTORED TO IT'S ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSES, REMOVAL AND REINSTALLATION OF EXISTING TO BE REUSED, SHALL BE ACCOMPLEMEND WITH EXTERME CARE TO PREVENT ANY DAMAGE DURING THIS PROCEDURE.

3. THE EXTENT OF DEMOLITIONS ARE GENERALLY SHOWN ON DRAWINGS.

4. CONTRACTOR, PRIOR COMMENCEMENT OF WORK, SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS THAT COULD AFFECT PROPER DEMOLITION AND CONSTRUCTION WORKS SCHEDULE AND/OR PERFORMANCE.

6. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS.

7. COVER AND PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.

1.1 DEFINITIONS

A. REMOVE: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN THE OWNER'S PROPERTY.

B. EXISTING TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SQUING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY THE ARCHITECT, THEME MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND THEN CLEANED AND REMENSTALLED IN THEIR ORIGINAL LOCATIONS, THE DEMOLITION METHOD TO BE USED WILL BE ONE THAT MINIMIZES THE STRESS, VIBRATION, DUST, ETC., THAT COULD AFFECT STRUCTURAL INTEGRITY OF THE ELEMENTS OR REMAIN.

1.2 MATERIALS OWNERSHIP

A. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN THE OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE WITH FURTHER DISPOSITION AT THE CONTRACTOR'S OPTION.

1.3 SUBMITTALS

- A. SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES INDICATING THE FOLLOWING:
- 1. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
- 2. LOCATIONS OF TEMPORARY PARTITIONS AND MEANS OF EGRESS.

B. RECORD DRAWINGS AT PROJECT CLOSEOUT ACCORDING TO DIVISION 1 SECTION "CONTRACT CLOSEOUT".

1. IDENTIFY AND ACCURATELY LOCATE CAPPED UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.

1.4 QUALITY ASSURANCE

A. REGULATORY REQUREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

1.5 PROJECT CONDITIONS

A. ASBESTOS: IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE WORK. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE ARCHITECT AND THE OWNER.

B. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.

C. PATCH AND REPAIR FLOOR AND WALL SURFACES IN THE NEW SPACE WHERE DEMOLISHED WALLS OR PARTITIONS EXTEND ONE FINISHED AREA INTO ANOTHER. PROVIDE A FLUSH AND EVEN SURFACE OF UNIFORM COLOR AND APPEARANCE.

** FOR ADDITIONAL INFORMATION REFER TO SPECIFICATION SECTION 02070 SELECTIVE DEMOLITIONS.

2.4 SELECTIVE DEMOLITION

A. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:

1. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED, USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJUNING CONSTRUCTION. TO INMINUZE DISTURBANCE OF ADJACENT SURFACES, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING, TEMPORARILY COURCE OPENINGS TO REMAIN.

2. REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS AND PROMPTLY DISPOSE OF OFF-SITE.

3. RETURN ELEMENTS OF CONSTRUCTION AND SURFACES TO REMAIN TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION OPERATIONS.

B. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS, CUT CONCRETE AND MASONRY AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS, DO NOT USE POWER-DRIVEN IMPACT TOOLS.

B. REMOVE RESIDUAL ADHESIVE AND PREPARE SUBSTRATE FOR NEW FLOOR COVERINGS BY ONE OF THE METHODS RECOMMENDED BY RFCI.

C. REMOVE EXISTING TILE FLOOR SYSTEM, LEVEL AND PREPARE SUBSTRATE TO RECEIVE NEW SCHEDULED FINISH, NEW SCHEDULED FINISH SHALL BE LEVEL SO IT CREATES A CONTINUOUS SURFACE WITH ADJACENT AREAS.

2.5 PATCHING AND REPAIRS

- A. PROMPTLY PATCH AND REPAIR HOLES AND DAMAGED SURFACES CAUSED TO ADJACENT CONSTRUCTION BY SELECTIVE DEMOLITION OPERATIONS.
- B. WHERE REPAIRS TO EXISTING SURFACES ARE REQUIRED, PATCH TO PRODUCE SURFACES SUITABLE FOR NEW MATERIALS.

1 COMPLETELY HILL HOLES AND DEPRESSIONS IN EXISTING MASONRY WALLS TO REMAIN WITH AN APPROVED MASONRY PATCHING MATERIAL, APPLIED ACCORDING TO MANUFACTURER'S PRINTED RECOMMENDATIONS.

LEGEND

Wall Type (see wall type schedule)

Door Type (see door schedule)

Building Section

Wall Section

Detail Numbe

Building Elevation

Interior Elevation

Elevation Mark

Column Line

Centerline

Revision Tag

BUILDING

COLUMN

DETAIL DIAMETER DOWN ELEVATION ELECTRICAL

GALVANZED

NUMBER ON CENTER OPENING OUTSIDE DIAMETER

GALVANIZED GYPSUM INSIDE DIAMETER JOINT MECHANICAL MINIMUM NOT TO SCALE

STRUCTURAL SPECIFICATIONS

TOP OF CONCRET TOP OF FRAMING TOP OF STEEL TOP OF WALL TREAD TYPICAL

ABOVE FINISHED FLOOR

UNLESS OTHERWISE NOTED

TOP OF (...) TOP OF CONCRETE

OUISIDE DIAMETER UNLESS NOTED OTHERWISE REFERENCE RISER ROUGH OPENING ROOM STAINLESS STEEL STRUCTURAL

CONCRETE

CONTROL JOINT

AMERICAN CONCRETE INSTITUTE

Room Name / Numbe

Window Type (see window schedule)

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C.J. COL DET

EQ. EQUAL FIN. FINISH

FLR. FLOOR

GALV

GALV GYP. J.D. J.T. MECH. N.T.S. NO.

O.C. OPG

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DRAWING LIST

A0.00 TITLE SHEET GENERAL NOTES A0.1 A0.2 BUILDING CODE ANALISIS SITE PLAN LOCATIONS FOR OUTPOST A009 A100 BASKETBALL COURT SITE PLAN A101 BASKETBALL EXISTING FLOOR PLAN AND DETAILS A104 ENTRANCE DRAWINGS A110 OUT POST FLOOR PLANS A300 3D VIEWS OF OUTPOST A500 OUT POST ELEVATIONS A501 OUTPOST ELEVATIONS A600 OUTPOST SECTIONS 4601 OUTPOST SECTIONS AS-100 EXISTING BASKETBALL COURT SITE PLAN C100 PROPOSED GEOMETRIC SITE PLAN C200 PROPOSED CIVIL DETAILS ST100 STRUCTURAL NOTES ST200 STRUCTURAL PLANS ST-300 STRUCTURAL DETAILS S-1 PLANO DE SITUACION MAESTRO PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE s-4 PLANO DE MENSURA EXISTENTE S-5 S-6 PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE S-7 S-8 S-9 PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE S-10 5-11 S-12 PLANO DE MENSURA EXISTENTE S-13 5-14 S-15 S-16 PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE S-17 S-18 S-19 S-20 S-21 S-22 S-23 S-24 S-25 PLANO DE MENSURA EXISTENTE S-26 5-27 PLANO DE MENSURA EXISTENTE S-28 S-29 PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE PLANO DE MENSURA EXISTENTE 5-30



3mg & Associates

P.0. Box 9023772 Juan, PR 00902-3

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URBAN SECTOR

GENERAL NOTES

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BUILDING CODE ANALISIS

1. APPLICABLE CODES

BUILDING CODE: 2018 PUERTO RICO BUILDING CODE/IBC 2018

BLD ENERGY:2018 PUERTO RICO ENERGY CONSERVATION CODE 2013 ASHRAE 90.1 CONSTRUCTION CODE (REVISED AUGUST 2016)

FIRE PREVENTION: 2018 PUERTO RICO FIRE CODE

GAS: 2018 PUERTO RICO FUEL AND GAS CODE

MECHANICAL: 2018 PUERTO RICO MECHANICAL CODE

ELECTRICAL: 2018 NATIONAL ELECTRICAL CODE (NEC-NFPA 70) ACCESSIBILITY: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

PLUMBING: 2018 PUERTO RICO PLUMBING CODE

2. OCUPANCY CLASIFICATION B (BUSINESS) BUSINESS GROUP B CCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR OFFICE, FROFESSIONAL OR SERVICE-TYPE TRANSACTIONS, INCLUDING STORAGE OF RECORDS AND ACCOUNTS.

3. GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 ALLOWABLE BUILDING HEIGHTS ABOVE GRADE PLANE

OCUPANCY	TYPE OF	ALLOWABLE	PROPOSED
CLASIFICATION	CONSTRUCTION	HEIGHT	HEIGHT
в	IA (NOT SPRINKLERED)	55FT	

TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE

OCUPANCY	TYPE OF	ALLOWABLE	PROPOSED
CLASIFICATION	CONSTRUCTION	HEIGHT	HEIGHT
в	IA (NOT SPRINKLERED)	UNLIMITED	

TABLE 506.2 ALLOWABLE AREA FACTOR IN SQUARE FEET

OCUPANCY	TYPE OF	ALLOWABLE	PROPOSED
CLASIFICATION	CONSTRUCTION	HEIGHT	HEIGHT
в	IA (NOT SPRINKLERED)	UNLIMITED	

4. TYPES OF CONSTRUCTION PRECIBC 2018 SECTION 601 -GENERAL TABLE 601 and 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENTS	TYPE IA	PROVIDED	NOTES
PRIMARY STRUCTURAL FRAME	3 a	3 a	а
BEARING WALLS	3	3	NONE
NON BEARING WALLS EXTERIOR	0	0	X>30FT Table 602
NON BEARING WALLS INTERIOR	0	0	
FLOOR CONSTRUCTION	2	2	
ROOF CONSTRUCTION	1 1/2	1 1/2	

a Roof supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.

705.2 Projections. Cornices, eave overhangs, exterior balconies and similar 705.2 Projections. Cornices, eave overhangs, exterior balconies and similar projections extending beyond the exterior wall shall conform to the requirements of this section and Section 1405. Exterior egress balconies and exterior exit stairways and ramps shall comply with Sections 1021 and 1027, respectively. Projections shall not extend any closer to the line used to deturmine the line separation <u>not</u> not <u>not</u> <u>n</u> distance than shown in Table 705.2. Exception: Buildings on the same lot and considered as portions of one building in accordance with Section 705.3 are not required to comply with this section for projections between the buildings.

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION TABLE 705,8

FIRE ALLOWABLE AREA DEGREE OF SEPARATION (FT) PROTECTION UNPROTECTED, NON SPRIKLERED UNLIMITED 30 OR GREATER





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SEAL AS QUATURE





FALSPICACIÓN DE LOS HECHOS QUE SE HAYA
PRODUCIDO POR DESCONOCIVIENTO D POR
NEGLIGENCIA YA SEA POR MI MIS AGENTES O
CHALOLIFE ACCENTIDICAL Y DECEL NAME.
PORIADORF
NOTE:
CONTRACTOR SHALL VERIFY ALL DWENSIONS ON
THE JOB SITE ACCORDING TO THE CONTRACT



NUM	DATE:	DESCRIPTION
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PROJECT MAYAGUEZ TERRACE

URBAN SECTOR

SHEET TIFLE
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PROJECT

MAYAGUEZ TERRACE URBAN SECTOR

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Section 4

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

(2)



GENERAL NOTES:

THESE CENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS, REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. 2. CODES NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST REVISION.

- 3. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, ELECTRICAL AND MEDIANCAL DRAWINGS. DONTRACTOR IS RESPONSELE FOR COORDINATING SUCH REQUIREMENTS INTO THER SHOP DRAWINGS AND WORK.
- NO OPENINGS, OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS, SHALL BE MADE IN AN' STRUCTURAL MEMBER WHOLT THE WHITTIN MPROVAL OF THE STRUCTURAL BENAMER. NO GHANGE IN SIZE OF XMENSION OF STRUCTURAL MEMBERSH SHALL BE MADE WITHOUT THE WITTIN A MPROVAL. OF THE STRUCTURAL REMORDER. 5.
- DPENINGS 1"-4" AND LESS ON BOTH SIDES ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING, CONSTRUCTION LOADS SHALL NOT EXCEED THE E CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED. NOT EXCEED THE DESIGN
- 8. HORIZONTAL MOMENTI OF ANY HEAVY FOURMENT OVER STRUCTURAL FLOORS OR ROOF AND HOREOFIA, MOREARI OF ARTHEORY EQUIPMENT OVER STRUCTORE TO NOR OF WO ITS "EMPORARY AND/OR LEFINITE LOCATIONS AUST BE PREMOUSLY APPROVED BY THI ENGNEER SO AS NOT TO DERCAD THE STRUCTURE OR IN ANY OTHER WAY IMPAR STRUCTURE SAME PRECALTION SHALL BE TAKEN FOR THE PLING OF CONSTRUCTIONS
- 9. THE STRUCTURE IS DESIGNED TO FUNCTION VS & UNIT LEON COMPLETION. THE CONTRACTOR HE SHALLTER IS DESIGNED TO FUNCTION SA JUINT FEAN DUMPL TRATHE CONTRACTORS IS SEPSYSTED: EXPERIMENT IN TURPORATE BRANN MAD/OR SUPPORT THAT MAY ES REQUEDE AS THE RESULT OF THE CONTRACTORS CONSTRUCTION, ACTHODS AND/OR SEQUENCES, DESERVATION VISITS TO THE SITE OF THE STRUCTURAL ENGINEER SHALL NOT INCLUE INFECTION OF THE ABOVE (TELS.)
- 10. ALL STRUCTURES HAVE BEEN DESIGNED ACCORDING TO FINAL BEHAVIOR AND CONDITIONS. HOMMER, DURING ERECTON OF SAME, CREATING CONTINUES CAN ARREE FOR MICH. THE BEINANCH OR THE STRUCTURE HAVE NOT BEEN CONTEXPORTE. THEFETERS, THE CONTEXPORT SHOLD FRONDE AT ALL THE ARIGULATE SHORN AND RESTORME UVIT. THE DESIGN CONTITIONS HAVE EXEM ALL. THE THEFE S AVE DOLOTION LINER ANY PHASE OF THE CONTITIONS. CONSTRUCTION, PLEASE CONSULT AND/OR NOTEY THE STRUCTURAL ENGINEER
- 11. DIMENSIONS SHALL TAKE FRECEDENCE OVER SCALES SHOWN ON DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWI
- 12. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND
- CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOONIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
- 14. THE CONTRACTOR SHALL INFORM THE ARCHITECT JENGINEER IN WRITING OF ANY DEVIATION THE COLLEMANDAY ANALL INVERSE HE PROVIDED FEMALES FEMALES IN WRITING OF PAY DEVINION FROM THE CONTRACT DECONTRACT DE CHARACTER SHALL NOT EE RELEVED OF THE RESERVISIBILITY OF SUCH BEVATION BY THE PROFESSIONAL OF RECORD REVEW OF SHOP DRAWINGS, PROUCH DATA ETC., UNLESS THE CONTRACTER HAS SPECIFICALLY INFORMED THE PROFESSIONAL CE RECORD OF SUCH DEVIATION AT THE TWE OF SUBNISSION, AND TH PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- 15. WHERE 'CWNER' IS MENTIONED IN PLANS IT IS TO BE UNDERSTOOD EITHER OWNER OR HIS AUTHOR ZED. REPRESENTATIVE
- 16. CONTRACTOR SHALL SUBMIT FOR CWNERS AFPROVAL LOCATION AND DETAILS O CONSTRUCTION JOINTS IN SLABS AND BEAMS AND IN ANY OTHER STEUCTURA. MEMBERS.
- 17. CONTRACTOR NUST VERIFY ALL DIMENSIONS ON STRUCTURAL PLANS AGAINST THE DIMENSIONS ON ARCHITECTURAL PLANS BEFORE LAYING OUT THE WORK.
- CONTRACTOR NUST VERIFY ALL EINENSIDES AND EXISTING FIELD CONDITIONS PRIOR TO STAFTING CONSTRUCTION. F. ANY DISCREPAND[®] ARISES IN THE STRUCTURAL AND ARCHITECTURAL PLANS, THE ARCHITECTS AND ENGINEERS SHALL BE NOTIFIED IMMEDIATE.X.
- CONTRACTOR NUST PROVIDE. SET AND VERIEV DIMENSIONS AND LOCATION OF ALL ANOHORS INSERTS BOLTS, SLEEVES, CONCUITS, ETC., SHOWN OR NOTED IN ARCHTECTURAL AND/OR MECHANICAL AND PLUMBING PLANS BEFORE THE CONCRETE IS POLRED.
- 20. PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR ACCORDANCE WITH THE ACI-318 BUILDING COLE AND/OR AISC SPECIFICATIONS AND CLARFED WITH THE STRUCTURAL ENGINEER.
- 21. ALL DETALS, SECTIONS AND NOTES SHOWN ON DRAWINGS AND INTENDED TO BY TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE.
- 22. IN CASE OF DOLBT IN THE INTERFRETATION OF ANY ASPECT OF THESE STRUCTURAL DRAWINGS AND/OR SPECE/CATIONS, THE ARCHTECT AND/OR ENGINEER OF RECORD SHALL BE CONSULTED.
- 23. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN OF OMITTED ON THE DRAWINGS REFERENCES:
- DESGN, FABRICATION & CONSTRUCTION WORK SHALL COMPLY WITH THE REQURRIENTS AND PROVISIONS OF THE FOLLOWING CODES AND SPECIFICATIONS THEIR COMMENTARIES AND THE STANDARDS REFERENCE THERE W: AMERICAN CONCRETE INSTITUTE (ACI)
- INTERNATIONAL BUILDING CODE, (IBC) AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
- CONCRETE REINFORCING STEEL INSTITUTE (CRS)

MATERIALS

- 1. REACY MIXED CONCRETE SHALL HAVE A MININUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH OF 4.000 PSI (UND), CONFORMING TO ASTM C-94.
- 2. PORTLAND CENENT SHALL CONFORM TO ASTM C-150, TYPE IL
- 3. ALL REINFORCING BARS SHALL BE HIGH TENSLE DEFORMED MEETING ASTV A-615 GRADE 50. UNLESS NOTED OTHERWISE ON SPECS AND/OR DRAWNGS.
- CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT BLOCK CONFORMING TO ASTN C-BO, GRADE N, TYPE 1, AND SHALL HAVE COMPRESSIVE STRENGTH OF 1900 PSI.
- 5. NORTAR SHALL CONFORM TO ASTM C-270.
- 6. NASONRY GROUT SHALL CONFORM TO ASTM C-476.

CAST IN PLACE REINFORCED CONCRETE:

- CONTRACTOR SHALL SUBMIT, PRIOR TO INSTALLATION ALL SHOP DRAWINGS, SHOP DRAWINGS SHALL BE SEALED & SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN PUEFTD RICO.
- 2. CONCRETE ITEMS AND REINFORCEMENT SHALL BE ERECTED IN STRICT ACCORDANCE WITH DWNER APPROVED SHOP AND ERECTION ERAWINGS FOLLOWING THE DETAILS SHOWN ON PLANS.
- THE CONTRACTOR SHALL TAKE PRECAUTONS TO PROLUCE CORRECTLY ALIGNED DONCRETE CONSDERING AMONG DIFFER THINKS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
- A" HORIZONTAL JOINTS IN WALLS AND COLUMNS, THE LOWER SURFACE SHALL BE THROUGHLY CLEARED AND ALL WEAR OR LODSE CONDRETE REMOVED FROM THERE BEFCRE POLITING THE LIPPER CONCRETE (SEE SPECS FOR ADDITIONAL REQUIREMENTS). NO JOINT SHALL BE COVERED WITH PLASTER OR OTHERWISE WITHOUT A VISUAL EXAMINATION AND APPROVAL BY THE INSPECTOR.
- 5. NO DEFECTIVE CONCRETE SHALL BE CORRECTED OR COVERED WITH WORTAR PLASTER ETC. WITHOUT THE INSPECTCRS' APPROVA.
- SLUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS & HIGHRANGE E. WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANSE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF CONCRETE CONTAINING A HIGH FANSE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 10". (U.N.C.) AS PER ASTM 0143
- 7. CONCRETE EXPOSED TO WEATHER SHALL BE A R-ENTRAINED. AIR CONTENT SHALL BE BETWEEN 4 AND 8 PERCENT. (U.N.O.) AS PER ASTM C173
- 8. THE NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE A MINIMUM OF 3/4". (U.N.O.) AS PER ASTM 283
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE VIX DESIGN SHALL NCLUDE ALL STRENGTH DATA NECESSARY TO SHOW DESCRIPTION OF A DESCRIPTION OF A DATA DESC SUBVITTED CERTIFIED BY A RECISTERED ENGINEER
- 10. VINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE: UNFORMED SURFACE IN CONTACT WITH THE GROUND 3 IN.
- FORMED SURFACES EXPOSED TO EARTH OR WEATHER: **#6 BARS AND LARGER** 2 15. ≠5 BARS AND SMALLER 1-% IN
- FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER: BEAMS, GIRDERS, AND COLUMNS SLABS, WALLS AND JOISTS: 1-½ IN. I BARS AND SMALLER. 3/4 IN
- 11. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED. IN ACCORDANCE WITH ACL DETAILING MANUAL (SP-68) AND "THE ACCORDANCE WITH ACL DETAILING MANUAL (SP-68) AND "THE VANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" BY THE CRSI.
- 12. ALL REINFORCING SHALL BE SUPPORTED IN FORMS USING STEE CHAIRS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WRED TOGETHER, IN ACCORDANCE WTH CRSI "MANUAL OF STANDARD PRACTICE".
- CONCRETE WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
- 14. ALL SYMBOLS AND STRESSES AS WELL AS CONCRETE WORK SHALL CONFORM TO THE STANDARD OF THE AMERICAN CONCRETE NSTITUTE (ACH-318).
- ALL SLAB AND CORRESPONDING BEAMS, CURBS, OR AFRONS SHALL BE POURED MCNOLITHICALLY.
- 16. A.I. REINFORCING, SLEEVES, CONDULTS, INSERTS AND BOLTS SHALL 35 WELL SECURED AND IN FLACE BEFORE CONCRETE IS POURED.
- 17. ALL OPENINGS IN CONCRETE WALLS AND SLABS SHALL BE REINFORCED ARCUND WITH 2 #5 BARS PLACED AT 2 INCHES FROM THE FACE AND EXTENDING 24 INCHES BEYOND CORNERS, UNLESS OTHERMSE SFECIFIED IN PLANS, (SEE TYPICAL DETAIL)
- FOR CONSTRUCTION JOINTS IN STRUCTURAL MEMBERS & VERTICAL BJLKHEAD AND KEY JOINT MUST BE PROVIDED.
- 19, SLAB ON GROUND, AS INDICATED ON DRAWINGS.
- 20. FOR CONCRETE FORMWORK, SURFACE FINISHING BEVELED CORNERS AND DRIPS, SEE ARCHITECTURAL PLANS.

- 21. PLACEVENT OF CONCRETE SHALL CONFORM TO ACI STANDARD 304 AND PROJECT SPECIFICATIONS
- TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN ALL ONE WAY SLAB NORMAL TO THE PRINCIPAL REINFORCEMENT N ACCORDANCE WITH ACI-318 BUILDING CODE.
- 23. TEMPERATURE REINFORCEMENT SHALL BE AS FOLLOWS:(UNLESS NOTED OTHERWISE) *¥*3 ⊕ 12"
- t = 4" t = 5" t = 6" t = 7" $f_{3} \oplus 12^{"}$ $f_{3} \oplus 12^{"}$ $f_{3} \oplus 10^{"}$ $f_{3} \oplus 8^{"}$
- t = 8''*∔*3 ⊕ 15″ E.F.
- 24. PROVIDE DOWELS IN FEDESTAL AND/OR WALL FOOTINGS EQUAL IN GRADE, SPACING, SIZE AND NUMBER TO VERTICAL REINFORCEMENT, URADE, SPACINE, SIZE AND NUMBER IN DI VENTURE, ENFORCEMENT, EXTINDING A LEGION SPILCE. LINGTH INTO TOTING (THE JATERAL BIREDINETT SALL BE EXTENDED AS INCESSARY TO PROVIDE A MINIMUM HORZONTAL LEG RESTING ON FOCTING ERVIDEZCHEME EQUAL TO THE CORRESPONDENCE O'L LINGTH FOR THE BAR SIZE.)
- 25. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES IN SUCH CASES, HOOPERS OR VERTICAL CHUTES OR TRUNKS SHALL BE USED. THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED THE ABOVE REQUIREMENTS.
- 26. THE SIZE OF NAILS AND SIMILAR FASTENERS DRIVEN INTO THE STALE OF MALES AND SAMILAR PASTEVERS JANEAR IN O CONCRETE SHALL BE SLOVEN, AS NOT TO CRACK OR IMPART IT. NEVERTHELESS, IF THE CONCRETE IS DAMAGED, IT SHALL BE PROPERLY REPARED AFTER SEMONING THE DAMAGED PORTION AND SUITABLE JOINT SURFACE ARE PREVIDED.
- 27. ALL CAST IN FLACE REINFERCED CONCRETE STRUCTURAL MEMBERS SHALL BE PROPERLY CURED IN ACCORDANCE WITH ACI-318 CHAPTER V AND ACI 308.
- ALL LAPPING, BENDING AND PLACING OR REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH ACI-318 BUILDING CODE.
- 29 ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- 50. NO JOINT, CFENING, SLOT DR GROCVE OTHER THAN THAT SHOWN ON DRAWINGS SHALL BE PERMITED WITHOLT PREVIOUS APPROVAL BY THE EINGINEER, ALL CONSTRUCTION JOINT SURFACES SHALL BE CLEAVED AND RCUCHENED IMMEDIATELY BEFORE CONCRETING AND TREATED AS INSTRUCTED IN THE "ACI WANLAL OF CONCRETE PRACTICE"
- CONDUIT OF PPE SIZE (O.D.) SHALL NOT EXCEED 30 PERCENT OF TOTAL S.AB THICKVESS AND SHALL BE PLACED BETAREN THE TOP & BOTTOM REINFORCEMENT UNLESS SPECIFICALLY DISTALED OTHERWISE. CCNCENTRATONS OF CONDUITS OF PIPES SHALL 3E AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED
- 32. WATER-CEMENT BATIO REQUIREMENTS FOR DIFFERENT COMPRESSIVE STRENGTHS OF CONCRETE.

COMPRESSIVE STRENGTH AT 28 DA*S, psi	WATER-CEMENT RATIO NCN-AIR ENTRAINED CONCRETE		
4,000	0.55	0.45	
3,500	0.58	0.50	
3,000	0.62	0.56	
2,500	0.72	0.66	

- 53. PROVIDE SLEEVES FOR FLUWEING AND ELECTRICAL OPENINGS IN CONCRETE EEFGRE PLACING, 32 NOT CUT ANY REINFORCEMENT BAR WHICH MAY CONFLICT, CORING IN CONCRETE IS NOT PERMITTED U.N.O.
- 34. LAP SPLICES SHALL BE N ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERNISE, WHERE CLASSES ARE NOT CALLED OUT DN DRAWINGS, USE CLASS "B' SFLICE.

SΡ	LIC	ΕS	T A	BL	E (0	GRADE 60)	
		TENSION				CONFRESSION	
BAR SIZE	f'c (psi)		TOP BARS D"HER BARS FLICE CLASS		SPLICE		
		A	В	A	В		
	3,000	29"	38"	22"	29"	12"	
#4	4,000	25"	33"	19'	25"	12"	
	5,000	23°	29"	17*	23"	12"	
#5	3,000	36"	47"	28"	36"	14"	
	4,000	31"	41"	24"	31"	12"	
	5,000	28°	36"	22°	28"	12"	
# 6	3,000	43°	56"	33"	43"	17*	
	4,000	37"	49"	29"	37"	15"	
	5,000	34°	43"	26"	34"	14"	
# 7	3,000	63*	81"	-39°	63"	20"	
	4,000	54"	71"	34"	54"	17"	
	5,000	49"	63"	30"	49"	16"	
	3,000	72°	93"	44°	72°	22"	
#8	4,000	62*	81"	.38"	62*	19"	
	5,000	56"	72"	34"	56"	18'	

COMPRESSION COWEL ENBEDMENT: 22 BAR DIAMETERS LAP WELDED WIRE FABRIC ONE SPACING OF CROSS WIRES PLUS 2".

DEVELOPMENT LENGTH Id IN DESCRIPTION	f'c (psi)	∬6 BAR AND SMALLER		J7 EAR AND LARGER	
		BOTTOM	TOP	BOTTON	TOP
CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN cb, CLEAR	3,000	44db	58db	55db	72dt
COVER NOT LESS THAN 46, AND BEAM STIRRUPS OR COLUMN TIES THROUGHOUT 16 NOT LESS THAN THE CODE MINIMUM	3,500	41db	54db	51db	67db
OF CLEAR SPACING OF BARS BEING DEVELOPED	4,000	38db	50db	47db	62db
OR SPACED NOT LESS THAN 2db AND CLEAR COVER NOT LESS THAN db	5,000	34db	45db	42db	55dt
	3,000	66db	86db	82db	107d
OTHER CASES	3,500	62dt	80db	76db	100d
onnak oraca	4,000	57db	75db	71db	93dt
	5,000	51db	67db	64db	84dt

BAR	FINISHED BEND	80" HCOKS		90' HOOKS	
SIZE	DIAMETER "D", IN	A OR G	J	A OR G	
#3	2 1/4"	£**	3'	6*	
14	3'	6"	4'	8"	
# 5	3 3/4"	7*	5'	10*	
# €	4.1/2*	**	6'	1'-0"	
₫7	5 1/4"	10'	7'	1"-2"	
48	6'	112	8'	1"-4"	



3mg & Associates

P.0. Box 9023772 2770 (787) 723-442. Cel (787) 375-5770



Municipio de Autonomo de Mayaguez PO BOX 447, MAYAGUEZ, PR, 00683

STAL ACCULATION

PRELIMINARY DRAWINGS
NOV. 2022

VO. NO. MANUEL BAY CHACON (C) CERTIFICO QUE SOVIEL PROFESSIONAL QUE CONFECCIONO Y O DISERIO Y/O PREPARO ESTO PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARÍAS, TAMBÉN CERTIFICO QUE Construction Construction Construction Construction Difference under Analysis for Engineering and a second second Difference under All public Beck Construction Co CONTRACTOR AND A CONTRACT AND A CONT CONDEMPOSE OF VERY OTHAS PERSONAS CON MI CONDEMPOSITO, ME HACEN RESPONSABLE DE CUALQUER ACCION JUDICIAL Y DISCPLINARIA POR LA COPP

Statistics and sta

NUM DATE DESCRIPTION.

- PROJEC MAYAGUEZ TERRACE URBAN SECTOR

RHEET TITU STRUCTURAL NOTES

Project Status 100.01 Jesue Date Checker Checker PROJEC 19001 ST100


























































October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director State Historic Preservation Officer Cuartel de Ballajá Bldg. San Juan, Puerto Rico

Re: Authorization to Submit Documents

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 registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

In line 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,

Juan C Pérez Bofill, P.E. M.Eng Director of Disaster Recovery CDBG DR-MIT

CDBG-DR FUNDS I HOUSING

Puerto Rico CDBG-DR Program | PO Box 21365, San Juan, Puerto Rico 00928-1365 | infoCDBG@vivienda.pr.gov | www.cdbg-dr.pr.gov | 787-274-2527



Exhibit 13 Sole Source Aquif	ers Map	
Scale	As Shown	
Source of Information	https://nepassisttool.epa.gov/	N
Title of the Figure	Sole Source Aquifers Map	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest	There are no EPA sole source aquifers in	\rightarrow
Compliance Factor	Puerto Rico	

U.S. Fish and Wildlife Service National Wetlands Inventory

PR-CRP-000855 Mejoras a la infraestructura de la Urbanización Mayagüez Terrace



Exhibit 14 Wetlands Map		
Scale	As Shown	
Source of Information	https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/	N
Title of the Figure	Wetlands Protection Map	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest Compliance Factor	120 ft	



https://nepassisttool.epa.gov/nepassist/nepamap.aspx	https://n	epassisttool	.epa.gov	nepassist	/nepamap.aspx
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October 10, 2024

Exhibit 15 Wild And Scenic Rivers Map		
Scale	As Shown	
Source of Information	https://www.rivers.gov/river-app/	N
Title of the Figure	Wild & Scenic Rivers Map	IN
Project Coordinates	18.215681, -67.148371	
Name of the Development	Mejoras a la infraestructura de la Urbanización Mayagüez Terrace (PR-CRP-000855)	
Name or Company of Preparer	3mg Architects and Engineers	
Distance to Closest Compliance Factor	469,920 feet	



SUBSOIL EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR NEW SOCCER FIELDS & POLICE DETACHMENT MAYAGÜEZ TERRACE RESIDENTIAL DEVELOPMENT MAYAGÜEZ, PUERTO RICO





SUBSOIL EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR NEW SOCCER FIELDS & POLICE DETACHMENT MAYAGÜEZ TERRACE RESIDENTIAL DEVELOPMENT MAYAGÜEZ, PUERTO RICO

> *3MG, PSC* *Client*

Geotechnical Engineering Services, PSC *GEOTECHNICAL CONSULTANTS*

Submitted on December 27, 2022 Job No. <u>223976</u>





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SUBSOIL EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR NEW SOCCER FIELDS & POLICE DETACHMENT MAYAGÜEZ TERRACE RESIDENTIAL DEVELOPMENT MAYAGÜEZ, PUERTO RICO

1.0 INTRODUCTION

This report presents the results of the subsurface exploration performed for the proposed two soccer fields and a police detachment to be constructed at the existing baseball park premises in Mayagüez Terrace residential development, in Mayagüez, Puerto Rico. The work was performed at the request of the office of 3MG, PSC, designer of the project.

The prime purpose of this investigation was to evaluate and recommend the soil parameters required for the design of the foundation system for the proposed structural improvements. This report presents the results of the subsurface exploration performed at the site, following the terms and conditions contained in our proposal.

2.0 SITE LOCATION AND PROJECT DESCRIPTION

The project site is located at the baseball park of Mayagüez Terrace residential development, Pueblo Ward, in the municipality of Mayagüez, Puerto Rico. The baseball park is bordered by Larranaga Street at the south side, by Martínez Torres Street at the north side, by José Alegría Street at the East side, and by General Cordero Street at the west side. The site was upgraded in the past, increasing in thickness from north to south. **Figure 1**, included on an appendix to this report, shows a portion of a Google Earth aerial photo, with the site depicted on it. Topography at the baseball park is relatively leveled, and higher in elevation than the streets at the south end of the park. There are several spots with stagnant water and most of the park is muddy.



The proposed project considers changing the baseball park into two soccer fields and one two-story police detachment building with an approximate footprint area of 24' X 40'. The new building will have two parking spaces in the first floor, to accommodate a police car and an ambulance. Preliminary, three locations at the south end of the park, were considered for the police detachment, and these three areas were targets in our subsoil exploration. Finally, it was decided to place in the middle of the south boundary. In order to accommodate the new building, a retaining wall, some 6 feet tall will be constructed to save the difference in elevation from the sidewalk to the park ground level.

3.0 WORK PERFORMED

Eight (8) borings to depths of 6 and 20 feet, were drilled to cover the general area of the proposed police detachment (three borings) and the soccer field (five borings). **Figure 2**, show a site plan, with the borings approximately depicted on it. Routine laboratory tests were conducted on most of the soil samples secured, according the applicable ASTM Designations. The data was then evaluated in order to prepare the foundations recommendations for the proposed structures. Also, a percolation test was performed in the middle of the baseball park, following the protocols of the International Private Sewage Disposal Code 2018.

4.0 SUBSOIL CONDITIONS

4.1 Police Detachment Building (Borings 1, 2, or 3)

These borings revealed an old fill crust consisting mainly of sandy silty clay with trace to little gravel. Debris, limestone fragments, roots, and decayed pieces of wood were found within the fill matrix. Colors of samples varied from yellowish brown to dark yellowish brown, reddish brown, black, dark brown, greenish gray, olive, and weak red. Consistency varied from stiff to hard. The natural moisture content of the samples secured ranged from 26 to up to 61 percent. This old fill crust extends to a depth of 4 feet at Boring 3, and to a depth of about 10 to 13 feet at Borings 2 and 3.



Underlaying the fill crust, at the location of Boring 3, an in-situ layer consisting of silty clay with trace sand and gravel, was encountered. Colors of samples varied from yellowish to reddish brown, greenish gray, weak red, and bluish gray. Consistency varied from stiff to hard. The natural moisture content of the samples secured ranged from 34 to 39 percent, while the unconfined compressive strength values varied from 1.75 to 4.25 tons per square foot. This layer extends to the full depth drilled, and it was not detected at Borings 1 and 2.

Underlaying the old fill crust at Borings 1 and 2, an in-situ horizon consisting of Sandy silt with trace to little gravel, and occasionally organic matter (upper inches of the horizon), was encountered. Colors of samples varied from yellowish brown to reddish brown, grayish brown, greenish gray and bluish gray. Standard Penetration Test N-values varied from 8 to 17 blows per foot. The natural moisture content of the samples secured ranged from 13 to 62 percent. This horizon extends to the full depth drilled.

4.2 Soccer Field (Borings 4, 5, 6, 7, and 8)

Borings 4, 5, and 6, revealed the same old fill material found at Borings 1, 2, and 3, consisting of sandy silty clay with trace to some gravel, and few roots. Colors of samples varied from dark yellowish brown, olive to dark olive, and greenish gray. Consistency varied from medium to very stiff. The natural moisture content of the samples secured ranged from 19 to 36 percent, and the unconfined compressive strength values from 2.0 to 2.75 tons per square foot. This fill crust extends to a depth of 4 feet at Boring 4, and to the full depth drilled at Borings 5 and 6.

Underlaying the fill crust at Boring 4, and from ground surface at Borings 7 and 8, an in-situ layer of silty clay with trace sand and trace gravel, was encountered. Colors of samples varied from reddish brown to yellowish brown, olive, greenish gray, and weak red. Consistency, based on Standard Penetration Test N-values and unconfined compressive strength data varied from very stiff to hard. The natural moisture content of the samples secured ranged from 36 to 57 percent, while the unconfined compressive strength values varied from 2.25 to 4.25 tons per square foot. This layer extends to the full depth drilled.



5.0 **GROUNDWATER**

Groundwater level was observed within the range of depth drilled at Borings 1 and 2 at a depth of some 5 to 6 feet, and at Boring 3, at a depth of 8 feet. However, it is not possible to properly determine the groundwater level within the normal scope of the test holes' exploration. Observation wells are needed in order to determine the presence of groundwater within a reasonable setting time. Therefore, the water levels observed during drilling activities or the absent of water at the borings, may not indicate the true position of the existing groundwater table.

6.0 GENERAL

The above information is a general description of the subsoil conditions at the site. For detailed information on the soil characteristics at and along the boreholes, at the time and under the conditions these were drilled, refer to the boring logs which are included on an Appendix to this report. The depths mentioned in this report, unless otherwise specified, are referred to the existing ground surface elevations prevailing during the drilling phase of this project.

7.0 DISCUSSION

Based on the laboratory tests performed and geotechnical evaluation, settlement susceptible old fills were found in most of the borings extending to depths of 4 to 13 feet at the proposed areas of the police detachment and from 4 to 6 feet at most of the borings in the soccer fields. Hence, in order to have an uniform settlement behavior, a subsurface treatment shall be performed. Stripping operations should be made at the area to remove these old fills, part of the in-situ soils, and any other questionable material. The over excavated material shall be disposed. After the remotion of the poor bearing old fills, and part of the in-situ soils, the exposed natural surface shall be proof rolled with at least a 15-ton smooth wheel roller, to detect the presence of additional soft or loose spots.

The subsurface treatment should consist in the over excavation of the soils in the upper 5 feet, and replace it with selected fill properly compacted, as indicated in forthcoming sections. The over-excavation is mandatory even if

new upgrading fills are required at the site. The over excavation shall be 4 feet wider and longer than the new



building footprint.

Then the exposed surface shall be covered with a geotextile, such as; Mirafi HP370, Mirafi RS380i, or stronger product. The 5 feet of undercut shall be disposed. The exposed surface shall be proof rolled with at least a 15-ton smooth wheel roller, to detect the presence of soft spots. Any soft spot detected shall be removed completely. In order to upgrade the site, selected fill, with a classification of A-2-6 or A-2-4, based on the AASHTO Soil Classification System, shall be used, to replace the over excavated material and to upgrade the area.

The area proposed for the two-story police detachment is located at a sloping ground, hence a retaining wall some 6 feet tall will be constructed parallel to the sidewalk. Hence, prior to backfilling behind the wall, the existing sloping ground should be stepped in order to key-in the fill. <u>Under no circumstances the fill should be placed over a sloping ground surface without first preparing the ground as shown on **Figure 3**.</u>

In order to reduce differential settlements due to the compression of irregularly shaped fill embankments, the thickness of the fill shall be relatively uniform under a given structure. The structure shall not lie partly on old fills/in-situ soils and partly on new fill. The maximum difference in fill thickness below the structure shall not exceed 1.5 feet. This shall be accomplished by over excavating to the lowest contour elevation and backfilling with a uniform fill thickness (not greater than 1.5 feet) to the required final grade (**Figure 4**).

At the soccer field, stripping should be in the order of 12 inches at the entire area to remove the topsoil material and material damaged with stagnant water.

Prior to any construction at the site, the surface run-off shall be controlled, detour away from the new soccer fields and new police detachment building, toward the streets. Water from the north side shall be intercepted with a catch basin, and transported via pipes toward the side streets. The design of this system shall be made by an expert in this field.

8.0 ENGINEERING RECOMMENDATIONS



8.1 Site Preparation

Besides the remotion of topsoil and wet unstable soils, some 12 inches thick at the soccer fields and the 5-foot undercut at the police detachment two story building, no other remotion seems necessary. The exposed areas shall be proof rolled with a 15 tons smooth wheel roller.

Areas with questionable zones during proof rolling operations will need to be removed and replaced with select fill A-2-4 or better (based on the AASHTO Soil Classification System). In the event no more unstable soils need to be removed, the exposed surface shall be covered with the recommended geotextile material.

Where necessary, the select A-2-6 or A-2-4 fill should be placed in single layers not exceeding 8 inches thick. Every layer shall be compacted so that the dry unit weight of the material is equal to or greater than 95 percent of its maximum dry unit weight as obtained in the laboratory under a Modified Proctor Compaction Test. It should be the responsibility of the Project Engineer to instruct the Soils Engineer retained by the owner on a consultative basis to determine the optimum moisture and corresponding dry density of the fill to be used in this project.

Over the A-2-6 or A-2-4 material the contractor should employ a smooth wheel roller to obtain the required percentage of compaction. He shall not place any additional fill until the preceding compacted layer has been found to fulfill the aforementioned compaction criteria.

Regarding the compaction operations, each successive pass should overlap the preceding adjacent pass by ten (10) percent. Roller passes made on material in unsuitable condition will not be considered in judging compliance with our recommendations. In case the Contractor fails to obtain the required compaction energy, he must get the appropriate type of equipment to comply with these compaction criteria.

8.2 Foundation


The proposed two-story police detachment may be supported on a slab mat foundation. The slab mat alternative should be designed using an allowable soil bearing pressure (q_a) of 2,500 psf and a modulus of subgrade reaction (k_s) of 85 kcf if placed over selected fill, properly compacted. A peripheral key not less than 18" shall be provided to confine the soil material under the mat foundation. Differential settlements between the center of the mat foundation and the perimeter shall be 1.0 inches.

For this building, due to the heterogeneous old fill found mixed with debris, isolated footings should not be considered.

8.3 Retaining Wall

The following parameters for new fills may be used in the design of the retaining walls at the rear part and sides of the house.

Df, feet	fb, psf	c, psf	φ, degrees	Γ _n , pcf	Soil Type
3	2,500	0	28	120	A-2-6
	Df fb c φ Γ _n	=	Depth of strip fo Allowable soil b Unit cohesion Angle of interna Unit weight of s	earing al friction for c	compacted fill (95%)

TABLE 1

The retaining wall shall be designed based on the coefficient of earth pressure at rest, K_0 , since no movement should be allowed to occur in the wall. If the wall able to yield forward, cracks may occur. Hence, the wall will be nonyielding and therefore an active condition is not generated.

The coefficient, K_0 , can be determined thru the following expression:



 $K_o = 1 - \sin \varphi$

Pressures resulting from uniform surcharge loads and concentrated surface loads such as cranes, trucks or other construction vehicles must be considered in the design.

8.4 Percolation Results

The percolation of the area was evaluated to determine the water absorption capability of the in situ soils. The surface percolation tests were performed following the requirements of the International Private Sewage Disposal Code 2018. At the soccer fields area, no percolation rate can be assigned to the area, since the test failed the saturation phase. After 24 hours, the water level showed no drop in level.

9.0 ADDITIONAL COMMENTS

The services of a P.R. licensed Soils Engineer should be retained during the excavation and foundation phases of the work. This is to observed compliance with the specifications or recommendations and to allow design changes in the event that sub-surface conditions differ from that anticipated prior to starting the construction program. The Soils Engineer selected for this purpose, should receive copy of all plans and report, evaluate them and recommend variations or additional studies, as the deems necessary for thus assuming technical responsibilities of the solutions herein recommended. Copies of this report are furnished only to provide the factual data which were gathered and which were summarized in the report.

The analysis and recommendations submitted in this report are based in part upon the data obtained from the soil borings made. The nature and extent of variations between the borings may not become evident until construction. If variations then appear evident, it will be necessary to re-evaluate the recommendations of this report.

In the event that any changes in the nature, design or location of the facilities planned, the conclusions and recommendations contained in this report shall not be considered valid, unless the changes are reviewed and conclusions of this report modified or confirmed in writing.



The soil and foundation engineering report has been prepared for this project by Geotechnical Engineering Services, PSC. This report was for design purposes only and may not be sufficient to prepare an accurate bid. Contractors wishing copies of the report may secure them from owner with the understanding that its scope is limited to design consideration. It is recommended that the soil foundation engineer be provided the opportunity for a general review of final design and specifications in order to verify that the earthwork and foundation recommendations were properly interpreted and implemented in the design and specifications. If the soil and foundation engineer is not allowed the opportunity of making this recommended review, he can assume no responsibility for misinterpretation of his recommendations. The standard procedure followed during the drilling of the test borings are discussed in detail in the appendix to this soil report.

This report has been prepared taking into consideration the design factors presently known to us. The project designers should be alert of any item that might have been overlooked, that could require clarification or that may need additional recommendations to those discussed herein.

Respectfully submitted,

ANIEL GRILLASCA RODRÍGUEZ, M.E.C.E., P.E. GEOTECHNICAL ENGINEER

AGR\Reference No. 223976 December 27, 2022





APPENDIXES



PMB 343 WINSTON CHURCHILL 138 SAN JUAN, P.R. 00926-6013

787-648-2224/ges_grillasca@yahoo.com

APPENDIX NO. 1 GENERAL

Comprised in this report is a description of the project as made known to GES, Geotechnical Engineering Services, PSC and details of the project with pertinent recommendations for the design of foundations and other earth related structures. It should be considered that the design recommendations are relative to the project aspects discussed and subject to the limitations imposed by all practical considerations in the determination of subsoil conditions.

The field and laboratory data shown in boring logs represent subsoil conditions encountered at the borehole proper. The analysis and conclusions herein presented and discussed are based on such results and on a reasonable interpolation of subsoil characteristics. Whenever cross-sections with a schematic representation of the interpreted subsoil stratification between borings are included, the same should not be taken to represent true intermediate conditions but are rather given for general comparison purposes only.

Copy of this report should be made available to the Project Designers for their information and guidance, as well as to the Contractor and Resident Engineer, in order to secure maximum protection in the case of possible unexpected variations. Any such variations as well as any changes or modifications to the scope of project described after submittance of this report shall be notified by writing to these Consultants in order to evaluate same and decide upon the need to alter or modify the recommendations given.



APPENDIX NO. 2

FIELD AND LABORATORY WORK

The field work consisted of a visual observation of the area and existing structures at the site, if any, and of performance of test borings as indicated.

Test borings were made in accordance to the "Standard Penetration Test and Split-Spoon Sampling of Soils Method" as proposed by the Standards of the American Society for testing and Materials Designation ASTM D-1586, Latest Revision.

The testing hole is bored either by manual and mechanical augers or by driving a 2.5 inch inside diameter casing into the ground which is washed clean internally each time a soil sample is to be secured below its reach. While sampling, the Standard Penetration Test is performed and the "N" values recorded. This is the number of blows required to drive the split-spoon sampler 12 inches into the ground using a 140 lbs. hammer with a free fall of 30 inches.

The value gives an indication of the consistency of cohesive soils and the relative density of granular soils as shown in the following table:



"N" VALUES	CONSISTENCY	UNCONFINED COMP. STRENGTH (TSF)
less than 2	Very soft	less than 0.25
2 - 4	soft	0.25 - 0.50
4 - 8	medium	0.50 - 1.00
8 - 15	stiff	1.00 - 2.00
15 - 30	very stiff	2.00 - 4.00
over 30	hard	over 4.00

COHESIVE SOILS

GRANULAR SOILS

"N" VALUES	RELATIVE DENSITY
0 - 5	very loose
5 - 10	loose
10 - 30	medium
30 - 50	dense
over 50	very dense

Depth of water surface shown on logs indicate the phreatic level found either prior to use of any casing and water or taken 24 hours after the test borings was completed and the casing, if any, is pulled out. The information given, unless otherwise indicated, is not a adequate for study of deep excavations and is only to be used as an approximate level in the study of a normal foundation of the project. Phreatic or underground water levels may vary with seasonal rainshower variations thus water may appear where none is shown and the reader of this report should be aware of this fact. For excavations where ground water levels are of utmost importance special studies consisting of long range observations on installed wellpoint-type devices should be performed. Where deep excavations are contemplated, as in pumping stations, study of artesian or sub-artesian aquifers should be made by means of deep test borings and pumping tests.



DIAMOND CORE DRILLING

Whenever drilling through rock is necessary the same is made following the "Diamond Core Drilling for Site Investigation" method as proposed by the standards of the American Society for Testing and Materials Designation ASTM D-2113-L.R. In general a double tube core barrel with diamond bit is rotated under pressure into the rock. The drilled rock enters into the barrel using circulating water as cooling agent. At intervals of 2 to 5 feet the barrel is lifted and the core is removed. The length of each core run as well as the length of the core recovered is noted.

LABORATORY WORK

Water Contents

The natural moisture content was determined for all samples, except for those with high percentage of gravel or coarse sand.

The tests follow standards of the American Society for Testing and Materials ASTM Designation D-2216, Latest Revision. The water or moisture content of a given soil mass is by definition the ratio of the weight of water to the oven dry weight of the soil, expressed as a percentage.

Unconfined Compression Tests

All suitable samples of cohesive soil recovered from the split-spoon sampler were tested in unconfined compression. The ratio of the maximum load required for failure to the corrected cross sectional area of the sample expressed in tons per square foot is defined as the unconfined compressive strength.

Examination and Description

Soil samples are classified according to their constituents, the following terminology used to denote the approximate percentage by weight of each component.



DESCRIPTION TERM	PERCENT BY WEIGHT
Trace	1 - 10
Little to some	10 - 20
Sandy, silty clayey	20 - 35
And	35 - 50

The examined samples are related into one of the following main groups; boulders, gravel, sand, clay, and silt. On peat, the presence of the decomposed and partly decomposed vegetable matter, is used for identification. The differentiation between a clay and a silt is based on the presence or lack of plasticity, dilatancy and dry strength rather than on grain size. The description of the soil includes: color, odor, minerals, presence of foreign matter, geological history, etc. These descriptions as well as the results of the laboratory testing are used in grouping similar samples into a stratigraphic unit as shown on the final boring logs. Therefore, the data on subsurface exploration logs represent subsoil conditions at the precise locations of the boreholes only.



FIGURES













BORING LOGS





BORING LOGS

The description of subsurface profile and results of field and laboratory tests, as enclosed, pertain to conditions actually encountered at the borings location proper and at the depths indicated. Profile tracings between borings, when given, represent a reasonable interpolation of subsoil characteristics and should not be taken to indicate true intermediate conditions.

Notes:

N -	Number of blows required to drive
	the sampling spoon a distance of
	12" with a 140 lbs hammer falling
	30"
NW -	No water
WH -	Weight of hammer
WR -	Weight of Rods
W -	Natural moisture content in % of dry weight
qu-	Unconfined compressive strength in tons/sq ft
* _	penetrometer value





			Ge		ical Engine	ering							1/14/2	022	Elevation:	
				Ser	vices, PSC	- 7							lo.: 1		Code No.:	
Project N	Vame	: May	aguez	Terrace	e Soccer Fie	lds &	Police	Deta	chmei	nt	Lo	cation	: Lan	anaga St.	Water Table: 5 fee	et
				Puerto										Acker	Our Job No.: 2239	
Depth (ft.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	W _n %	w _p %	W1 %	Ip %	USCS Class.	Soil Pattern	De	scription	
	*	1	24		3-5-7-6	12		27					\otimes	limestone fragm	ay, trace cemented sand, nents and debris, dark	1
	*	2	24		6-8-6-6	14		27							vn, yellowish brown. debris or cemented sand. ne gravel, dark yellowish	
5	*	3	24		5-8-10-12	18		26				5		brown, yellow	ne gravel, dark yellowish wish brown, black. e gravel, yellowish brown,	2
	*	4	24		8-7-8-9	15		39	-			2		reddish bro	wn, dark brown. e as above.	L
10	*	5	24		6-8-6-7	15		31								-
1.L													$\bigotimes_{i=1}^{i}$	Sandy silt, little gra	vel, trace organic matter,	-
15	*	6	24		4-4-4-5	8		40						olive, yellowish brown, dark brown, bluish gray, greenish gray.		-
20	*	7	24		7-6-7-7	13		62						Same as ab	ove, trace gravel.	
25 30 35 40																
45 comments:			oon Sam Detecte													L
ammer W					1		Page	1 of 1				Sampl	er Size:		Foreman:	_

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			Ge		ical Engine	ering							1/15/2		Elevation:	
_				Ser	vices, PSC	- 7							lo.: 2		Code No.:	
Project 1	Name				e Soccer Fie	lds & I	Police	Deta	chmei	nt				ranaga St.	Water Table: 6 fe	
		May	aguez,	Puerto	Rico			-			Dri	ll Ma	chine:	Acker	Our Job No.: 2239	970
Depth (ft.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	W _n %	Wp %	w ₁ %	Ip %	USCS Class.	Soil Pattern	De	scription	
l.	*	1	24	- 1	3-6-7-10	13	12	30					\otimes		clay, few roots, trace limestone fragments, dark	
	*	2	24		7-6-9-4	15		37					\otimes	Same as above, t	vn, yellowish brown. trace gravel, limestone	
5	*	3	24		6-6-5-5	11		31						1	s, yellowish brown, dark brown.	0
	*	4	24		6-6-6-9	12		39				1.3	\otimes		ove, some gravel. ove, trace gravel.	
10	*	5	-24		8-9-12-15	21		39							llowish brown, greenish ive, weak red.	1
15	*	6	24		6-6-7-7	13		53					ĨĨĨ		vel, yellowish brown, dark ish brown.	4
20	*	7	24		6-8-9-11	17		50							ellowish brown, reddish live, light gray.	
25 																
45 omments:			oon Sam Detecte													
ammer W		- NO	Detecte	u	1		Page	1 of 1	-		-	Sampl	er Size:		Foreman:	

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Project 1				0										022		_
Project 1	· ·				vices, PSC		_						lo.: 3		Code No.:	
	Name				e Soccer Fiel	ds &	Police	Deta	chmen	nt				ranaga St.	Water Table: 8 fe	
		May	aguez,	Puerto	Rico					_	Dri	ll Ma	chine:	Acker	Our Job No.: 223	970
Depth (fi.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	w _n %	w _p %	w ₁ %	Ip %	USCS Class.	Soil Pattern	De	scription	
	*	1	24		4-3-5-6	8		61		-				and few roots, yello	y, trace wood fragments wish brown, dark brown.	
	*	2	24		8-12-16-23	28		38						wood fragments,	ice gravel, trace to little yellowish brown, dark	4.
5	*	3	24	_	7-12-17-17	29		34						Silty clay, trace san	n, weak red. nd and gravel, yellowish	4.
	*	4	24		20-22-26-26	48		34	-					Same as above, yel	eak red, black. lowish brown, weak red, reenish gray.	3
10	*	5	24		8-12-18-20	30		39						Same as above, tra reddish brown,yello	ce limestone fragments, owish brown, olive weak it bluish gray.	2
15	*	6	24		8-10-10-15	20		39						Same as above	, trace to little sand.	2
						-									ddish brown, yellowish	
20	*	7	24		12-14-17-20	31		39	·	· · · · · ·			pm		prown. pring at 20 feet.	1
25 																
45 omments:			on Samp								1-11					
ammer W) Not	Detecte	bd	T		Page	1 of 1				Sampl	er Size:		Foreman:	_

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			Ge		ical Engine								1/16/2		Elevation:	
				Serv	vices, PSC								lo.: 4		Code No.:	
Project N	Vame				Soccer Fie	elds & l	Police	Deta	chmen	nt				ranaga St.	Water Table: N.D).
		May	aguez,	Puerto	Rico						Dri	ll Ma	chine:	Acker	Our Job No.: 223	970
Depth (fì.)	Sampler Type	Sample No.	Sample Length (m.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	w _n %	Wp %	w ₁ %	Ір %	USCS Class.	Soil Pattern	D	description	
1.10	*	1	24		2-5-8-9	13		30					\otimes	and quartz fragme	lay, few roots, trace gravel nts, dark yellowish brown, ew roots, yellowish brown,	. 2.
5	*	2	24		5-4-4-5	8		36				11	XX		olive. sand and gravel, reddish	2.
10	*	3	24		6-8-7-6	15		57	-				122	brown, dark y	ellowish brown, olive. boring at 6 feet.	2.
15 20 25 30 30 35 40 40 45 omments:			on Sam													
minents:			Detecte				Page	1 of 1				C	er Size:		Foreman:	

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Depth (ft.)	lame	May		Ser	ical Engined vices, PSC											
	lame	May									Boi	ring N	lo.: 5		Code No.:	
				Terrac	e Soccer Fiel	ds & 1	Police	Deta	chmen	nt	Loc	cation	: Lar	ranaga St.	Water Table: N.D	
h (ft.)				Puerto		1					Dri	ll Ma	chine:	Acker	Our Job No.: 2239)7(
Dept	Sampler Type Sample No. Sample Length (in.) Sample Recovery (in.) Blows/6" Blows/6" SPT N-Value RQD % RQD % a "A			Wp %	w ₁ %	Ip %	USCS Class.	Soil Pattern		escription						
	*	1	24		2-4-4-5	8		32					\otimes	and quartz fragmen	ay, few roots, trace gravel ts, dark yellowish brown,	
-	*	2	24		11-30-14-14	44		19						Same as above,	olive. some gravel, few roots.	
5	*	3	24		10-13-13-14	26		28					\otimes	Same a	s above, olive.	
10 15 20 20 25 30 35 40 40 45 mments:			on Sam													
omments: ammer We	N.D		on Sam Detecte				Page	1 -6 1				e	er Size:		Foreman:	_

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			Ge	otechn	ical Engine	ering							1/16/20		Elevation:	
		_			vices, PSC	_	_						lo.: 6		Code No.:	
Project N	Jame:				e Soccer Fie	lds &	Police	Deta	chmen	nt				ranaga St.	Water Table: N.D	
		May	aguez,	Puerto	Rico	-					Dri	ll Ma	chine:	Acker	Our Job No.: 223	976
Depth (ft.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	w _n %	w _p %	w _l %	Ip %	USCS Class.	Soil Pattern		escription	
	*	1	24		4-3-5-10	8		32					\otimes	olive, yellowish	y, some gravel, few roots, brown, greenish gray.	2.
1	*	2 24 8-11-14-16 25 32			32						gravel, yellowish	no gravel, trace to little brown, dark olive, dark	2.			
5	*					36						gre Same as above, trac dark e	enish gray. ee gravel, olive, dark olive rreenish gray.			
15 20 25 30 30 35 40 40 45 omments:			on Sam													
	N.D eight:) Not	Detecte	d	-	_	Page	l of 1	-		-	Sampl	er Size:		Foreman:	_

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					ical Engine	crimg						te: 1			Elevation:	
				Ser	vices, PSC						Bo	ring N	lo.: 7	· · · · · · · · · · · · · · · · · · ·	Code No.:	
roject 1	Name	May	aguez	Terrace	e Soccer Fiel	lds & I	Police	Deta	chme	nt				ranaga St.	Water Table: N.D).
				Puerto							Dri	ll Ma	chine	Acker	Our Job No.: 2239	97
Depth (ft.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	w _n %	Wp %	w ₁ %	Ip %	USCS Class.	Soil Pattern	De	scription	
	*	1	24		2-4-7-8	п		38						Silty clay, few roots	, trace sand, olive, reddish brown.	3
	*	2	24		7-12-14-20	26		36						brown, w	e gravel, olive, yellowish yeak red, black.	3
5	*	3	24		8-15-18-20	33		38							ace gravel and limestone ddish brown, olive.	4
10 15 20 25 30 35 40 45 mments:			on Sam													
mmer W	N.E		Detecte		r		Page	L of 1				Samel	er Size		Foreman:	_

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	Geotechnical Engineering												1/15/2		Elevation:	
Services, PSC Project Name: Mayaguez Terrace Soccer Fields & Police Detachment													lo.: 8		Code No.: Water Table: N.D.	
												cation	: Lan	ranaga St.		
				Puerto										Acker		
Depth (ft.)	Sampler Type	Sample No.	Sample Length (in.)	Sample Recovery (in.)	Blows/6"	SPT N-Value	RQD %	W _n %	Wp %	w _l %	Ip %	USCS Class.	Soil Pattern		scription	
-	*	1	24		3-5-5-8	10		43	14	1				roots, reddish bro	little very fine sand, few own, dark olive, light	
-	*	2	24		8-9-12-15	21		40						gree Same as above, no	nish gray. roots and gravel, reddish	2
5	*	3	24		5-7-10-12	17		43			1.4			Same as above, trac	rown, light greenish gray. ce gravel, trace limestone brown, yellowish brown,	
10 15 20 25 30 30 40 40 45 comments:			on Sam													
	N.D		on Sam Detecte													
ammer W	hight.						Page	l of 1				Sampl	er Size:		Foreman:	

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