



Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

This report includes only factual information gained by documentation, onsite observations, and/or onsite interviews.

Inspector Name(s)	Sofia Olivero Lora Seika Robinson	Time In	1:20PM	Start Date	June 13, 2024
		Time Out	2:05PM	End Date	June 13, 2024
Inspector's Organization	USEPA Region 2, Water Division, Water Management Branch, Wetlands Protection Section				
Organization Requesting Inspection (if different)					
Inspection Type	Evaluation	Inspection Status	Original		
Site Name	Arecibo Municipal Landfill				
Site Address*	PR-682 Interior, Factor Ward, Garrochales Sector in Arecibo, PR (Tax parcel # 014-000-007-06-000)				
City*	Arecibo	County*	Arecibo	State*	PR
				Zip Code*	00612
Mailing Address*	(b) (6)				
City*	(b) (6)				
Latitude*	18.466762	Longitude*	-66.625050		
Estimated Size of Site (acres)	94.74	Is there a home on the site?	☐ Yes ☒ No		
Inspector Signature	SOFIA OLIVERO LORA	Digitally signed by SOFIA OLIVERO LORA Date: 2024.08.13 16:37:08 -04'00'	Date		
Supervisor Signature		Digitally signed by MARCO FINOCCHIARO Date: 2024.08.15 13:32:01 -04'00'	Date		

Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

Site Name	Arecibo Municipal Landfill	Start Date	June 13, 2024
		End Date	June 13, 2024
Inspection Purpose	Initial site visit		
Opening Conference			
☒ Presentation of Inspector Credentials Name and Title (Use N/A if owner/operator not available to join the inspection) Hermes Camis, Operations Manager, Landfill Technologies of Arecibo Corp.			
☐ Opening Conference Name of person authorizing access if applicable Inspection was coordinated via email with Cynthia B. Otero Córdova (b) (6) from the Environmental Compliance Division of Conwaste - Consolidated Waste Services, LLC. on June 7, 2024.			
Notes from Opening Conference Opening conference was in Spanish. EPA explained the purpose of the inspection, its role (versus that of the US Army Corps of Engineers), and what areas that would be inspected, specifically, the northern landfill perimeter. Mr. Camis led the way on a separate vehicle and joined EPA inspectors during inspection.			
☐ Access Issues if Any Describe N/A			
Inspection Observations and Sample Collection			
Site Owner/Site Operator/Responsible Party (Name, title and contact information) Operator: Landfill Technologies of Arecibo Corp. (Lic. Javier Vázquez Bravo, Executive Vice-president, Operations Manager, PO (b) (6) Owner: Municipality of Arecibo (Hon. Carlos Ramírez Irizarry, Mayor, (b) (6)			
Additional Persons Present at Inspection Seika Robinson, EPA Region 2			
General Site Characteristics (layout of property, etc.) The property is comprised of a 94.67-acre parcel and in it lies approx. 63 acres of active Landfill. The northern part of the parcel (hereafter, "the Site") borders with the Caño Tiburones Natural Reserve (designated on October 16, 1998). Caño Tiburones is the largest freshwater wetland in Puerto Rico. There is a channel bordering the southern part of the property that accumulates leachate that runs outside of property boundaries to the northeast.			
Purpose and Need for Discharge of Dredged and/or Fill Material Municipal solid waste disposal.			



Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

Site Name	Arecibo Municipal Landfill	Start Date	June 13, 2024
		End Date	June 13, 2024
Site Overview (Past inspections, site description, permits, etc.)			
The Landfill operates under a EPA Consent Decree since 2014 and it is scheduled to close on 2027.			
Scope of Inspection (Areas inspected or not inspected)			
EPA inspected the northern of the parcel via vehicle.			

Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

Site Name	Arecibo Municipal Landfill	Start Date	June 13, 2024
		End Date	June 13, 2024
Environmental Conditions (e.g., wind, rain, smoke, dust, temperature, snow)			
June 13, 2024: Temperatures were in the 90's (degrees in F), sunny. National Weather Service issued Excessive Heat Warning (Heat Index $\geq$ 110 degrees. Heat exhaustion or heat stroke likely with prolonged exposure) from 10AM to 6PM.			
Field Work Conducted			
During the inspection, EPA collected, photographs (see Attachment A), and handwritten notes. Observations were recorded during the dry season and under normal conditions as per Antecedent Precipitation Tool analysis. No soil pits were dug during this inspection.			
EPA began the inspection by the northwestern part of the landfill perimeter road via Government Vehicle (GOV) following Mr. Camis and making two stops along to discuss the limits of the perimeter in relation to open water and verify that no additional fill has been placed beyond that perimeter. Inspection continued on the road until access was not available due to muddy conditions.			
EPA did not identify any potential impacts during the visit, other than those historically observed with the creation and operation of the landfill. No additional fill was observed outside of the landfill perimeter.			
Closing Conference			
Documents Received and/or Requested During the Inspection			
Consent decree (CD) between EPA, Landfill Technologies of Arecibo Corp., the Municipality of Arecibo, and the Puerto Rico Land Authority issued on 2014 was shown to inspectors during opening conference. According to Camis, the CD addresses Clean Air Act (CAA) and Resource Conservation and Recovery Act (RCRA) compliance matters.			
Compliance Assistance Provided (If any)			
N/A			
Observations Relayed to Site Owner/Operator			
N/A			
Actions Taken by Owner/Operator During the Inspection (If any)			
N/A			
Potential Issues of Concern Including Regulatory Citations			
N/A			
Attachments*			
☒ Maps and Sketches ☒ Photographs (including location) and Photo Log ☐ Other (SSIP, Wetlands Delineation Forms, etc.)			
Attachment A: Map; Attachment B: Photolog			



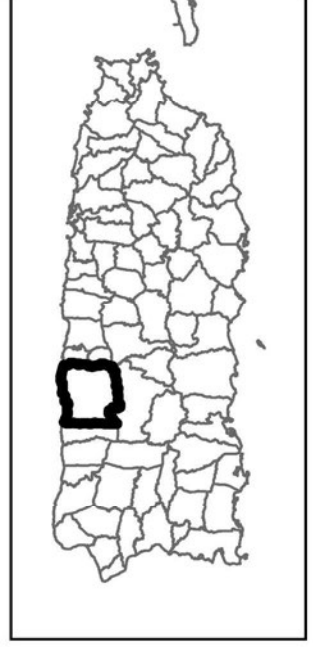
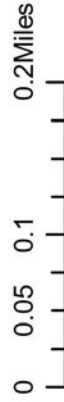
Clean Water Act Section 404: Site Visit/Case Development

For inspections authorized pursuant to Clean Water Act sections 308 and 404 (33 U.S.C. §§ 1318 and 1344)

Site Name	Arecibo Municipal Landfill	Start Date	June 13, 2024
		End Date	June 13, 2024
Additional Notes			
Tax parcel # 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico.			

Attachment A: Map

Arecibo Municipal Landfill (18.466762, -66.625050)
Tax parcel 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico



- Inspection Path (June 13, 2024)
- Property Boundary

Attachment B: Photolog

CWA 404 Inspection

Arecibo Municipal Landfill

Tax parcel numbers Parcel # 014-000-007-06-000

June 13, 2024



Date: 6/13/2024

Time: 1:40 PM

Photographer: Sofia Olivero-Lora

Photo ID: P6131076

Description: View from GOV of landfill perimeter road.

Tax parcel numbers Parcel # 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico



Date: 6/13/2024

Time: 1:41 PM

Photographer: Sofía Olivero-Lora

Photo ID: P6131077

Description: Partial view of one the edges of the perimeter road.

Tax parcel numbers Parcel # 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico



Date: 6/13/2024

Time: 1:41 PM

Photographer: Sofía Olivero-Lora

Photo ID: P6131078

Description: Partial view of the Landfill perimeter road overlooking Caño Tiburones.

Tax parcel numbers Parcel # 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico



Date: 6/13/2024

Time: 1:42 PM

Photographer: Sofía Olivero-Lora

Photo ID: P6131079

Description: View of Caño Tiburones wetlands to the North of the property.

Tax parcel numbers Parcel # 014-000-007-06-000 in the Municipality of Arecibo, Puerto Rico