

Payson Long
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

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Subject:
June 2019 Monthly Report
Fort Edward Landfill
NYSDEC Site No. 558001
Contract No. D007618-39

Date:
July 8, 2019

Dear Mr. Long:

Arcadis CE, Inc. (Arcadis) has prepared this letter report to summarize the leachate collection and treatment system operation, maintenance, and monitoring (OM&M) activities completed during the June 2019 reporting period at the above-referenced site.

Contact:
Andy Vitolins

Phone:
518.250.7300

Leachate Collection and Treatment System Operation and Maintenance

The leachate collection system shut down on numerous occasions in June 2019 due to pressure and level sensor failure alarms at extraction well EW-4. The issue was temporarily resolved each time by resetting the PLC or resetting the breaker at the panel. These failure alarms are ultimately caused by poor wiring connections within the electrical boxes and conduits.

Email:
andy.vitolins@arcadis.com

A total of 132,270 gallons of leachate were collected and treated through the system during June 2019. The corresponding average leachate recovery rate for the month was approximately 3.1 gallons per minute (gpm). The system stopped operating on June 13, 2019 due to failure of the control wiring.

Our ref:
00266434.0000

The following operation and maintenance (O&M) activities were completed during the June 2019 operating period:

- Hour Electric was on-site on June 7, 2019 to inspect the variable frequency (VFD) ground fault issue at extraction well EW-4.

- On June 20, 2019, 10 drums of filter sludge were transported for off-site disposal by HEPACO, LLC. The disposal documents are attached to this report (Attachment 1).
- On June 24, 2019, Arcadis rented a track skid steer with brush hog attachment for the week and mowed the landfill cap, surrounding edge of the constructed wetland treatment system (CWTS), and access road to the Polishing Pond Effluent sampling location.
- The air compressor pump was removed and inspected on June 26, 2019 due to insufficient pressure. Both high and low pressure valves were found to be damaged, resulting in poor pump performance. The pump was replaced with a new pump that was purchased from the distributor.
- Iron and solids sludge processing was performed throughout the month. Four 55-gallon drums of sludge were generated during June 2019.

System Sampling

No samples were collected in June 2019 as the system was offline due to failure of the control wiring at extraction well EW-4, which could not be repaired. System sampling will resume when the wiring connections are replaced at EW-4 and the system is back online.

Next Reporting Period Planned Activities

The following activities are anticipated for July 2019:

- Restart system upon replacement of control wiring.
- Continuation of iron and solids treatment and processing; and
- Routine monthly system and quarterly sampling.

If you have any questions, please do not hesitate to contact me or Jeremy Wyckoff.

Sincerely,

Arcadis CE, Inc.



Andy Vitolins, P.G.
Vice President

Copies:

Jeremy Wyckoff, Arcadis

File

Enclosures:

Attachment 1 – June 2019 Waste Disposal Documents

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NY 000235424	2. Page 1 of 1	3. Emergency Response Phone 800-866-7669	4. Manifest Tracking Number 014841006 JJK			
		5. Generator's Name and Mailing Address NYSDEC FORT EDWARD LANDFILL 45 LEAVY HOLLOW LANE FORT EDWARD, NY 12626 Generator's Phone: 800-866-7669				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name <i>Freshold Cudge Inc</i>					U.S. EPA ID Number <i>NYD05412616464</i>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. 49350 NORTH I-84 SERVICE DRIVE BELLEVILLE, MI 48111 Facility's Phone: 800-593-5489					U.S. EPA ID Number MID048090853			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	1. RQUN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, PGIII, ERG-171 #E160070WD1		DM		P	B007 PCB6	
		2.						
		3.						
14. Special Handling Instructions and Additional Information NEEDS CD SENT TO US WASTE 24 HR EMERGENCY CONTACT JOEL MELING 800-866-7669 CC20020 HEAPCO-NY								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name				Signature		Month	Day	Year
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____			Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials			Signature		Month	Day	Year
Transporter 1 Printed/Typed Name			Signature		Month	Day	Year	
Transporter 2 Printed/Typed Name			Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month	Day	Year



LAND DISPOSAL RESTRICTION & CERTIFICATION FORM

Generator Name: NYSDEC - Fort Edward Landfill U.S. EPA ID No.: N4R000235424

Uniform Manifest No.: 014841006JJK LDR Page 1 of 1

Manifest Page No. & Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	LDR Certification (One per Line)	Subcategory	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Contaminated Soil (10x) and Debris.
1-1	B007, PCB6	NWW	A		

I hereby certify that all information submitted on this and all associated documents, is complete and accurate to the best of my knowledge and information.

Generator Signature: Jasmine Mullins on behalf of NYSDEC Title: Field Tech.
Printed Name: Jasmine Mullins on behalf of NYSDEC Date: 6/20/19