

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

Arcadis of New York, Inc.
855 Route 146
Suite 210
Clifton Park
New York 12065
Tel 518 250 7300
Fax 518 371 2757
www.arcadis.com

Subject:
February 2022 Monthly Report
Fort Edward Landfill
NYSDEC Site No. 558001
Contract No. D009804-7

Date:
April 4, 2022

Contact:
Andy Vitolins, P.G.

Dear Mr. Long:

Arcadis of New York, 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 February 2022 reporting period at the above-referenced site.

Phone:
518.250.7300

Email:
andy.vitolins@arcadis.com

LEACHATE COLLECTION AND TREATMENT SYSTEM OPERATION AND MAINTENANCE

Our ref:
30055713

System Performance

A total of 615,150 gallons of leachate were collected and treated through the system during February 2022. The monthly average total leachate recovery rate for leachate extraction wells EW-2, EW-3, and leachate collection well EW-4 was approximately 15.3 gallons per minute (gpm).

System Operation Summary

During each site visit, Arcadis personnel completed a NYSDEC Daily Inspection Report (Attachment A) to summarize site conditions and work performed. A Arcadis Weekly O&M Log (Attachment B) was completed to record system readings and document system performance.

The following activities were completed during the February 2022 operating period:

- Iron and solids sludge processing was performed throughout the month. Three 55-gallon drums of Filter Sludge were generated during February 2022.
- On February 22, 2022, ten drums of Filter Press Filter Sludge and two empty damaged drums placed into overpack drums were transported for off-site disposal by Clean Harbors, Inc. The disposal documents are attached to this report (Attachment C).
- Confirmed monitoring well MW-12 cluster elevations. The new elevation measurements are approximately 5.8 feet higher than previous surveyed elevations. Arcadis will update this data within the EQulS database.
- Conducted slug tests at monitoring wells MW-6, MW-7, MW-12A, and MW-12B. This data will be provided in the Phase 3 Report.
- On February 10, 2022, located and sampled monitoring well EXMW-34. Additional details are provided below in the Non-Routine Sampling section.
- Replaced exterior light as the existing fixture was no longer operational.
- Installed new sodium permanganate dosing pump. Arcadis is currently adjusting pump dosing settings based on influent flow rate.
- Reduced iron scaling within the interior of the Clarifier Catch Tank via pressure washing.
- Collected routine monthly treatment system samples.

Additional details of activities completed in February 2022 are provided in Attachment A.

SYSTEM SAMPLING

Monthly water samples were collected by Arcadis on February 15, 2022 from the following treatment system locations:

- Influent (i.e., combined flow from extraction wells EW-1, EW-2, EW-3, and EW-4);
- Clarifier Catch Tank discharge;
- Cell 3 Bypass (i.e., treatment Cell 3 discharge into the Cell 2/3 bypass pipe);
- Cell 2 Effluent (i.e., treatment Cell 2 discharge into the effluent collection chamber); and
- Polishing Pond Effluent (PPE).

No samples were collected from extraction wells EW-1, EW-2, EW-3, leachate collection well EW-4, or Cell 1 Chamber (treatment Cell 1 discharge into the effluent collection chamber). Samples from these locations are collected on a quarterly basis and will be sampled again in the first quarter 2022.

The monthly samples were submitted to Pace Analytical for analysis of Target Compound List (TCL) Volatile Organic Compounds (VOCs), polychlorinated biphenyls (PCBs), Target Analyte List (TAL) metals and mercury, total dissolved solids (TDS), and total suspended solids (TSS).

The analytical results are discussed in the sections below and have been summarized in Table 1. The laboratory analytical data will be submitted to NYSDEC's EIMS Administrator in the required EQulS EDD format.

System Analytical Results

During the February 2022 sampling event, there were no Fort Edward State Pollutant Discharge Elimination System (SPDES) Equivalency Permit Limit exceedances at the Polishing Pond Effluent for VOCs, PCBs, and conventional chemistry. Iron was the only analyte to exceed the Fort Edward SPDES Permit Limits at the Polishing Pond Effluent sampling location. Additional details of the system analytical results are provided below.

VOCs

As shown in Table 1, VOCs were not detected greater than the compound quantitation limit in any of the February 2022 monthly samples.

PCBs

PCB 1232 was detected in the Influent, Clarifier Catch Tank, and Cell 3 Bypass samples at 0.46 micrograms per liter ($\mu\text{g/L}$), 0.37 $\mu\text{g/L}$, and 0.12 $\mu\text{g/L}$, respectively. No other PCBs were detected at concentrations greater than their respective reporting limits during the February 2022 monthly sampling event. There are currently no criteria for PCBs in the Fort Edward SPDES Permit Limits.

Metals

Iron concentrations ranged from a maximum of 17 milligrams per liter (mg/L) (Influent) to a minimum of 1.05 mg/L (Polishing Pond Effluent). The PPE iron concentration of 1.05 mg/L exceeded the Fort Edward SPDES Equivalency Permit Limit of 0.3 mg/L . There were no other metal concentrations from monthly samples which exceeded the Fort Edward SPDES Equivalency Permit Limits in February 2022. Additional metal concentrations are shown on Table 1.

Conventional Chemistry

As shown on Table 1, TDS concentrations ranged from 350 mg/L (Clarifier Catch Tank) to 482 mg/L (Polishing Pond Effluent), and TSS concentrations ranged from 10 mg/L (Polishing Pond Effluent) to 46 mg/L (Influent). During the February 2022 monthly sampling event, there were no exceedances of the Fort Edward SPDES Permit Limit for conventional chemistry. These data are consistent with the results from previous sampling events. Since September 2016, TDS and TSS have ranged from 210 to 4,900 mg/L and non-detect to 591 mg/L , respectively.

NON-ROUTINE SAMPLING

On February 10, 2022, Arcadis located and sampled monitoring well EXMW-34 which was identified on LaBella/AC Power 9 solar panel drawings. The monitoring well is located approximately 75 feet south of monitoring well MW-5 within the thick brush surrounding the Unnamed Pond. As this monitoring well was difficult to locate and open, Arcadis estimates that this well has not been sampled since it was first installed most likely during the remedial investigation activities. Therefore, Arcadis purged 3.3 gallons from EXMW-34 using a new polyvinyl chloride (PVC) disposable bailer prior to collecting a sample.

Prior to sampling, a multi-parameter probe (e.g., Horiba®) and temperature, conductivity, pH, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) measurements were recorded on a

groundwater sampling purge log (Appendix D). The groundwater sample was collected in laboratory-provided containers in decreasing order of volatility for analysis of perfluorinated alkyl substances (PFAS), 1,4-dioxane, TCL VOCs, PCBs, TAL metals and mercury, TDS, and TSS.

Non-Routine Sampling Analytical Results

VOCs

As shown in Table 2, vinyl chloride (3.2 µg/L) and total xylenes (2.4 µg/L) were detected in the February 2022 sample from EXMW-34. The vinyl chloride detection was above its NYSDEC Class GA Standard of 2.0 µg/L, and the total xylene detection was below its NYSDEC Class GA Standard of 5.0. There were no other VOC concentrations detected in the sample collected from EXMW-34.

PCBs

PCBs were not detected greater than the compound quantitation limit in the EXMW-34 sample.

Metals

There were four metals which were detected in the EXMW-34 sample above their respective NYSDEC Class GA Standards. Iron (3.16 mg/L) and manganese (1.23 mg/L) exceeded their guidance criteria of 0.3 mg/L, and magnesium (48.9 mg/L) and sodium (73.9 mg/L) exceeded their guidance criteria of 35 mg/L and 20 mg/L, respectively.

There were no other metal concentrations which exceeded the NYSDEC Class GA Standards. Additional metal concentrations are shown on Table 2.

Conventional Chemistry

The sample from EXMW-34 had TDS and TSS concentrations of 672 mg/L and 66.4 mg/L, respectively. Currently, there are no guidance criteria for these analyses within the NYSDEC Class GA Standards.

Emerging Contaminants

Perfluorooctanoic acid (PFOA) was detected at a concentration of 86 nanograms per liter (ng/L) which exceeds the NYSDEC Class GA Standard and United States Environmental Protection Agency (USEPA) Lifetime Health Advisory Limit of 10 ng/L and 70 ng/L, respectively. The total PFOA and perfluorooctanesulfonic acid (PFOS) concentration of 88.1 ng/L is also above the USEPA Lifetime Health Advisory Limit of 70 ng/L. No other PFAS compounds were detected in the sample collected from EXMW-34 above their respective NYSDEC Class GA Standards or USEPA Lifetime Health Advisory Limits. Additional PFAS concentrations are shown on Table 2.

1,4-dioxane was detected in the EXMW-34 sample at a concentration of 28 µg/L. This concentration exceeds the NYSDEC Class GA Standard of 1.0 µg/L.

NEXT REPORTING PERIOD PLANNED ACTIVITIES

The following activities are anticipated for March 2022:

- Continuation of iron and solids treatment and processing; and
- Routine monthly and quarterly sampling.

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

Sincerely,

Arcadis of New York, Inc.

A handwritten signature in blue ink, appearing to read 'AV', with a long horizontal line extending to the right.

Andy Vitolins, P.G.
Vice President

Copies:

Jeffrey Dyber, NYSDEC

Jeremy Wyckoff, P.G., Arcadis

Jasmine Mullins, E.I.T., Arcadis

Todd Carignan, Arcadis

File

Enclosures:

Attachment A – NYSDEC Daily Inspection Reports

Attachment B – Arcadis Weekly O&M Logs

Attachment C – Waste Disposal Documents

Attachment D – Groundwater Sampling Log

Table 1 – February 2022 Treatment System Analytical Data

Table 2 – EXMW-34 Analytical Data

ATTACHMENT A

NYSDEC Daily Inspection Reports





DAILY INSPECTION REPORT

Report No. 77

Fort Edward Landfill - NYSDEC Site No. 558001

Page 1 of 4
Date: 2/1/2022

NYSDEC Division of Environmental Remediation		 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York						Superintendent: NYSDEC PM: Payson Long Consultant PM: Andy Vitolins, P.G. Consultant Site Inspectors: Colby Churchill	
Weather Conditions							
General Description	Sunny	AM	Sunny	PM			
Temperature	19 °F	AM	29 °F	PM			
Wind	10MPH SE	AM	10 MPH SE	PM			
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".							
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA
Health & Safety Comments None at this time.							
Summary of Work Performed		Arrived at site:		0900	Departed Site:		1700
<ul style="list-style-type: none"> - Completed blowdown and cake discharge of the Filter Press. - Containerized one 55-gallon drum of Filter Press Filter Sludge. - Completed additional prefill, onstream, and partial blowdown of the Filter Press. - Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank. - Performed routine housekeeping and chemical inspection within the Treatment System Building. 							
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any vehicles which were not tarped?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?					*Yes	No	NA <input checked="" type="checkbox"/>
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Patrick Harrington		Arcadis		Geologist		8.0	
Colby Churchill		Arcadis		Jr. Engineer		8.0	
Equipment Description		Contractor/Vendor			Quantity	Used	
Material Description		Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
*On-Site scale for off-site shipment, delivery ticket for material received							
Equipment/Material Tracking Comments: None at this time.							

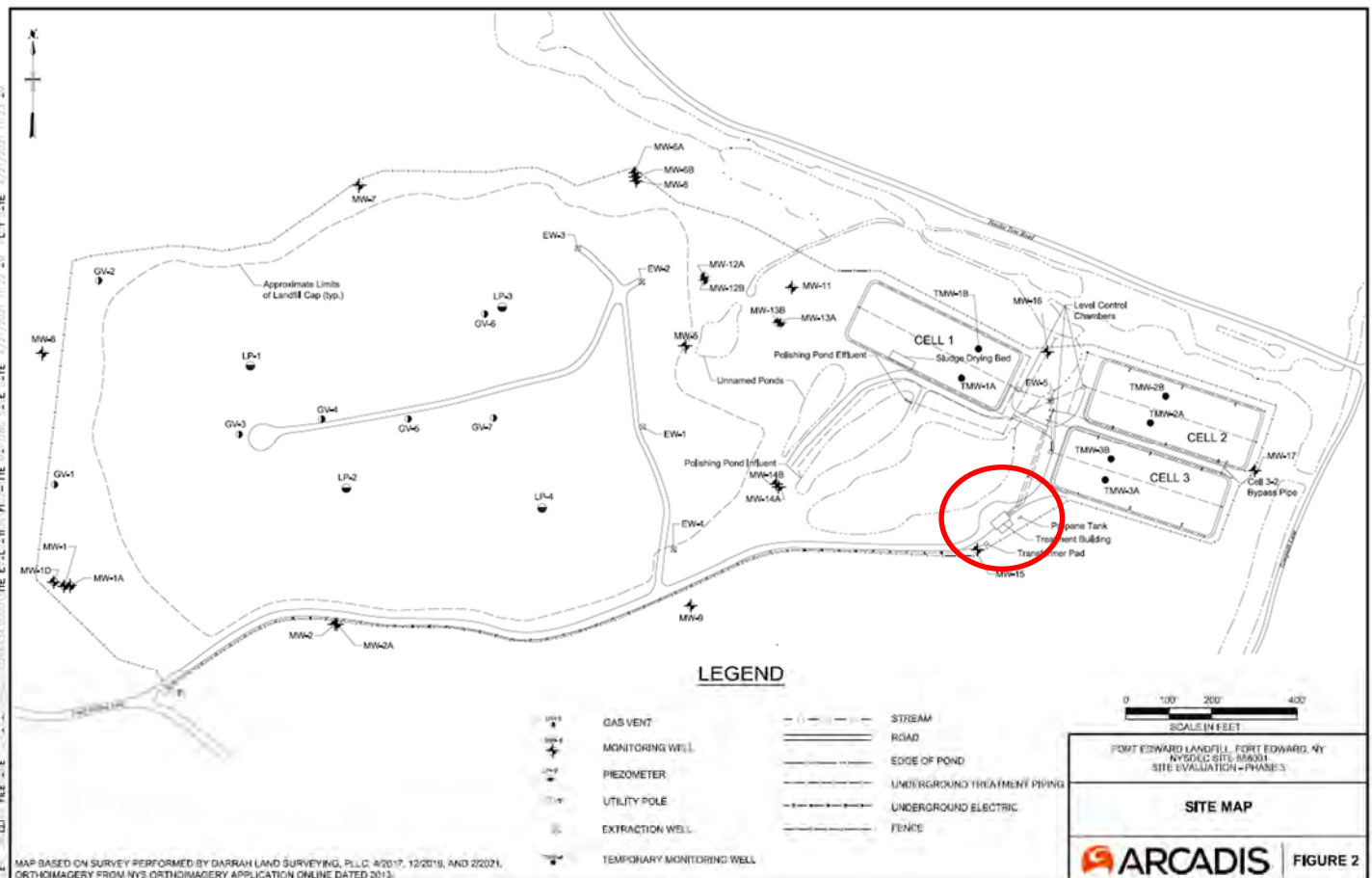
DAILY INSPECTION REPORT

Report No. 77 Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 4
Date: 2/1/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
None at this time.			
Issues Pending			
None at this time.			
Interaction with Public, Property Owners, Media, etc.			
None at this time.			

Include (insert) figures with markups showing location of work and job progress



Red outlined area indicates the location of work performed on February 1st, 2022.

DAILY INSPECTION REPORT

Report No. 77

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 4
Date: 2/1/2022

Site Photographs (Descriptions Below)	
	
View of clear IPC discharge.	View of Dried Filter Sludge in the Filter Press.
Comments	
None at this time.	
Site Inspector(s): Patrick Harrington, Colby Churchill	
Date: 2/1/2022	

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Comments:		
None at this time.		

DAILY INSPECTION REPORT

Page 4 of 4

Report No. 77

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/1/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			



DAILY INSPECTION REPORT

Page 1 of 4

Report No. 78

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/2/2022

NYSDEC Division of Environmental Remediation		 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York						Superintendent: NYSDEC PM: Payson Long Consultant PM: Andy Vitolins, P.G. Consultant Site Inspectors: Jeremy Wyckoff, Patrick Harrington	
Weather Conditions							
General Description	Sunny	AM	Sunny	PM			
Temperature	25 °F	AM	45 °F	PM			
Wind	5 MPH S	AM	10 MPH ESE	PM			
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".							
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA
Health & Safety Comments None at this time.							
Summary of Work Performed		Arrived at site:		0900	Departed Site:		1700
- Resurveyed MW-12 well cluster elevations. - Investigated condition of the control wires in the junction box at EW-4, and feasibility of adding heat trace cable. - Tightened leaking threaded union on pipe at the top of the Thickener Tank. - Investigated small leaks in Treatment System building roof.							
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any vehicles which were not tarped?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?					*Yes	No	NA <input checked="" type="checkbox"/>
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Patrick Harrington		Arcadis		Geologist		8.0	
Jeremy Wyckoff		Arcadis		Geologist		8.0	
Equipment Description		Contractor/Vendor			Quantity	Used	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*
*On-Site scale for off-site shipment, delivery ticket for material received							
Equipment/Material Tracking Comments: None at this time.							

DAILY INSPECTION REPORT

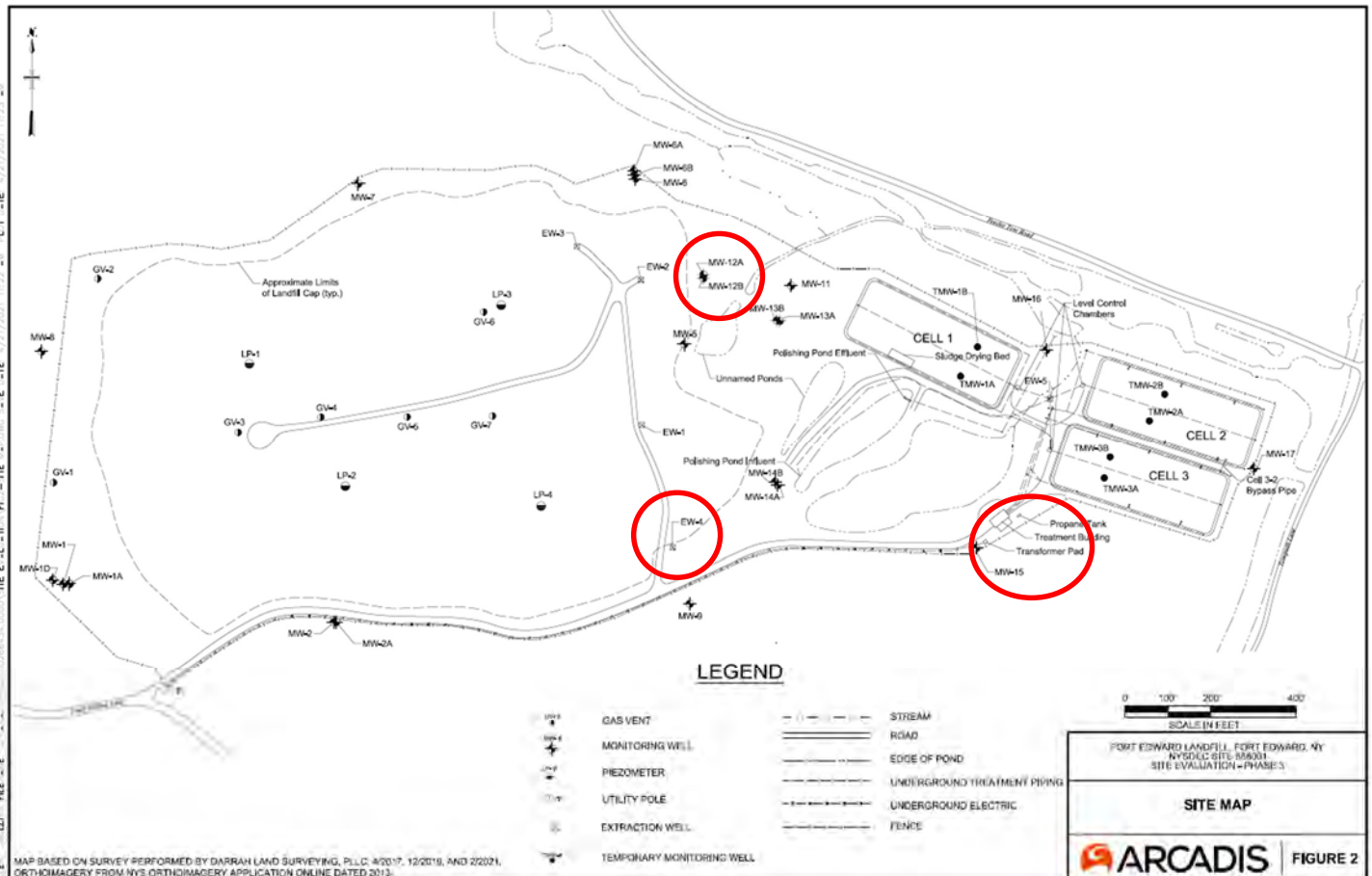
Report No. 78

Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 4
Date: 2/2/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
None at this time.			
Issues Pending			
None at this time.			
Interaction with Public, Property Owners, Media, etc.			
None at this time.			

Include (insert) figures with markups showing location of work and job progress



Red outlined areas indicate the location of work performed on February 2nd, 2022.

DAILY INSPECTION REPORT

Report No. 78

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 4

Date: 2/2/2022

Site Photographs (Descriptions Below)	
	
View of leaking sealant on roof.	Close up of deteriorating sealant on roof.
Comments	
None at this time.	
Site Inspector(s): Patrick Harrington, Jeremy Wyckoff	Date: 2/2/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Comments:		
None at this time.		

DAILY INSPECTION REPORT

Page 4 of 4

Report No. 78

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/2/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST



Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			

DAILY INSPECTION REPORT

Report No. 79

Fort Edward Landfill - NYSDEC Site No. 558001

Page 1 of 4
Date: 2/8/2022

NYSDEC Division of Environmental Remediation		 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York						Superintendent: NYSDEC PM: Payson Long Consultant PM: Andy Vitolins, P.G.	
Weather Conditions							
General Description	Cloudy	AM	Cloudy	PM			
Temperature	30 °F	AM	37 °F	PM			
Wind	0 MPH	AM	6 MPH N	PM			
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".							
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA
Health & Safety Comments None at this time.							
Summary of Work Performed		Arrived at site:	0800	Departed Site:	1745		
<ul style="list-style-type: none"> - Completed blowdown and cake discharge of the Filter Press. - Containerized one 55-gallon drum of Filter Press Filter Sludge. - Completed additional prefill and onstream of the Filter Press. - Conducted slug tests at MW-12A and MW 12B. - Investigated along canal for seeps. No seeps found; high iron staining noted along canal. - Located older well EXMW-34, approximately 75 feet south of MW-5. - Replaced exterior light fixture. - Cleared snow from doors, level control chambers, and area surrounding well MW-15. - Sprayed down the inside of the Clarifier Catch Tank (CCT). - Repeatedly transferred sludge from the Incline Plate Clarifier (IPC) to the Thickener Tank. - Performed routine housekeeping and chemical inspection within the Treatment System building. 							
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any vehicles which were not tarped?					* Yes	No	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?					* Yes	No	NA <input checked="" type="checkbox"/>
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Patrick Harrington		Arcadis		Geologist		9.75	
Jasmine Mullins		Arcadis		Engineer		9.75	
Jeremy Wyckoff		Arcadis		Geologist		9.75	
Equipment Description		Contractor/Vendor			Quantity	Used	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*
*On-Site scale for off-site shipment, delivery ticket for material received							
Equipment/Material Tracking Comments: None at this time.							

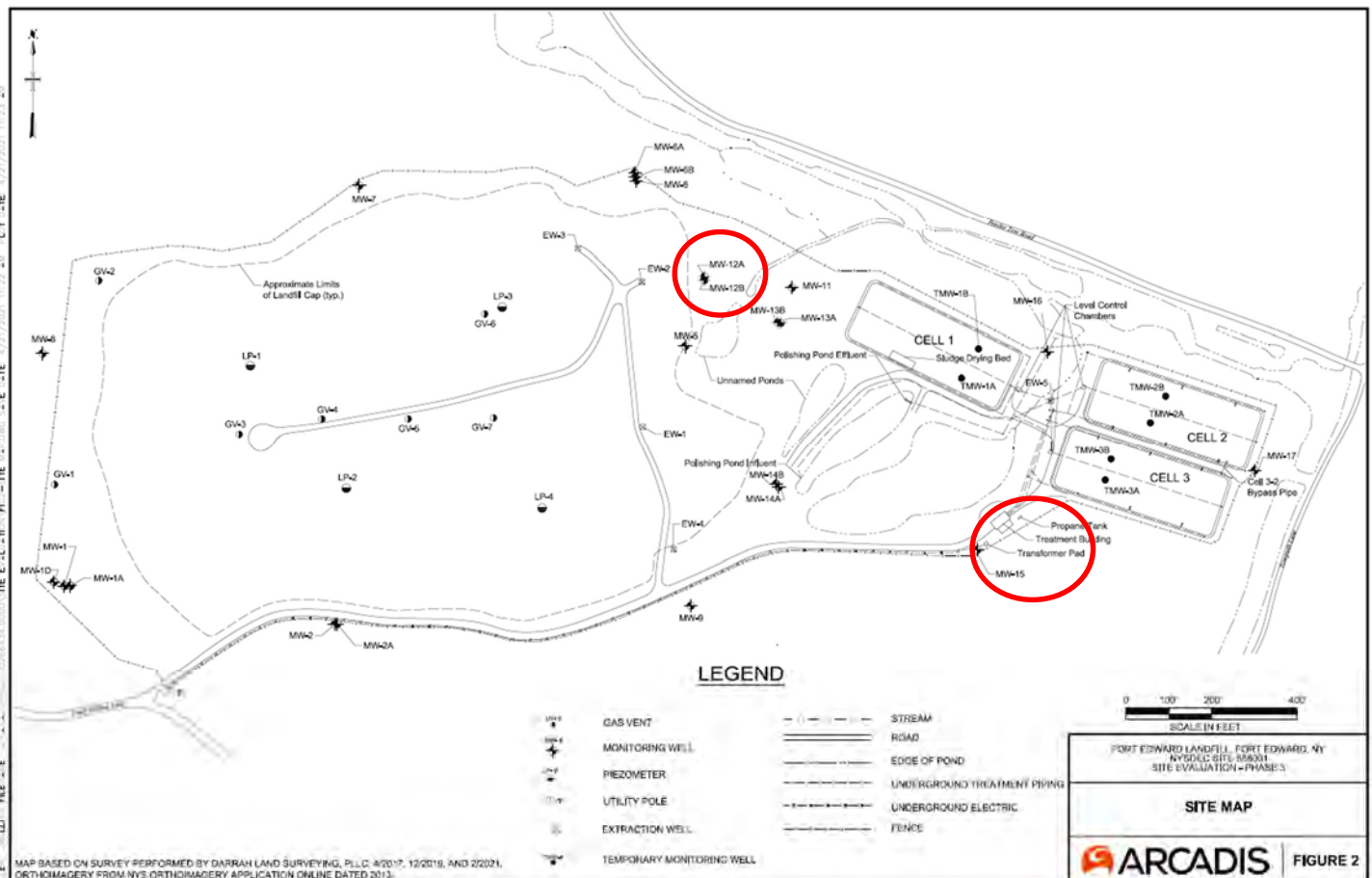
DAILY INSPECTION REPORT

Report No. 79 Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 4
Date: 2/8/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
None at this time.			
Issues Pending			
None at this time.			
Interaction with Public, Property Owners, Media, etc.			
None at this time.			

Include (insert) figures with markups showing location of work and job progress



Red outlined areas indicate the location of work performed on February 8th, 2022.

DAILY INSPECTION REPORT

Report No. 79

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 4
Date: 2/8/2022

Site Photographs (Descriptions Below)



View of older well EXMW-34 found south of MW-5.



View of replaced exterior light fixture.

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Jasmine Mullins, Jeremy Wyckoff

Date: 2/8/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Comments: None at this time.		

DAILY INSPECTION REPORT

Page 4 of 4

Report No. 79

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/8/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST



Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			

DAILY INSPECTION REPORT

Report No. 80

Fort Edward Landfill - NYSDEC Site No. 558001

Page 1 of 5
Date: 2/10/2022

NYSDEC Division of Environmental Remediation		 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York							
Weather Conditions							
General Description	Cloudy	AM	Light Rain	PM			
Temperature	35 °F	AM	40 °F	PM			
Wind	3 MPH SSE	AM	5 MPH N	PM			
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".							
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA
Health & Safety Comments None at this time.							
Summary of Work Performed		Arrived at site:		0800	Departed Site:		1910
<ul style="list-style-type: none"> - Brought four empty 55-gallon drums onsite. - Completed blowdown, cake discharge, prefill, and onstream of the Filter Press. - Installed new sodium permanganate dosing pump, and tested pump settings at varying influent flow rates. - Conducted slug tests at MW-6, MW-7, MW-12A, and MW-12B. - Collected sample from EX-MW-34, and analyzed samples for Target Compound List (TCL) Volatile Organic Compounds (VOCs), Metals with mercury, total suspended solids (TSS), total dissolved solids (TDS), polychlorinated biphenyls (PCBs), perfluorinated alkyl substances (PFAS), and 1,4-dioxane by Pace Analytical. - Repeatedly transferred sludge from the Incline Plate Clarifier (IPC) to the Thickener Tank. - Performed routine housekeeping and chemical inspection with the Treatment System building. 							
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any vehicles which were not tarped?					* Yes	No	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?					* Yes	No	NA <input checked="" type="checkbox"/>
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Patrick Harrington		Arcadis		Geologist		11.2	
Jasmine Mullins		Arcadis		Engineer		11.2	
Jeremy Wyckoff		Arcadis		Geologist		11.2	
Equipment Description		Contractor/Vendor			Quantity	Used	
Steel 55-gallon open top drums		Capitol Container Corporation			4		
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*
*On-Site scale for off-site shipment, delivery ticket for material received							
Equipment/Material Tracking Comments: None at this time.							

DAILY INSPECTION REPORT

Report No. 80 Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 5

Date: 2/10/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No

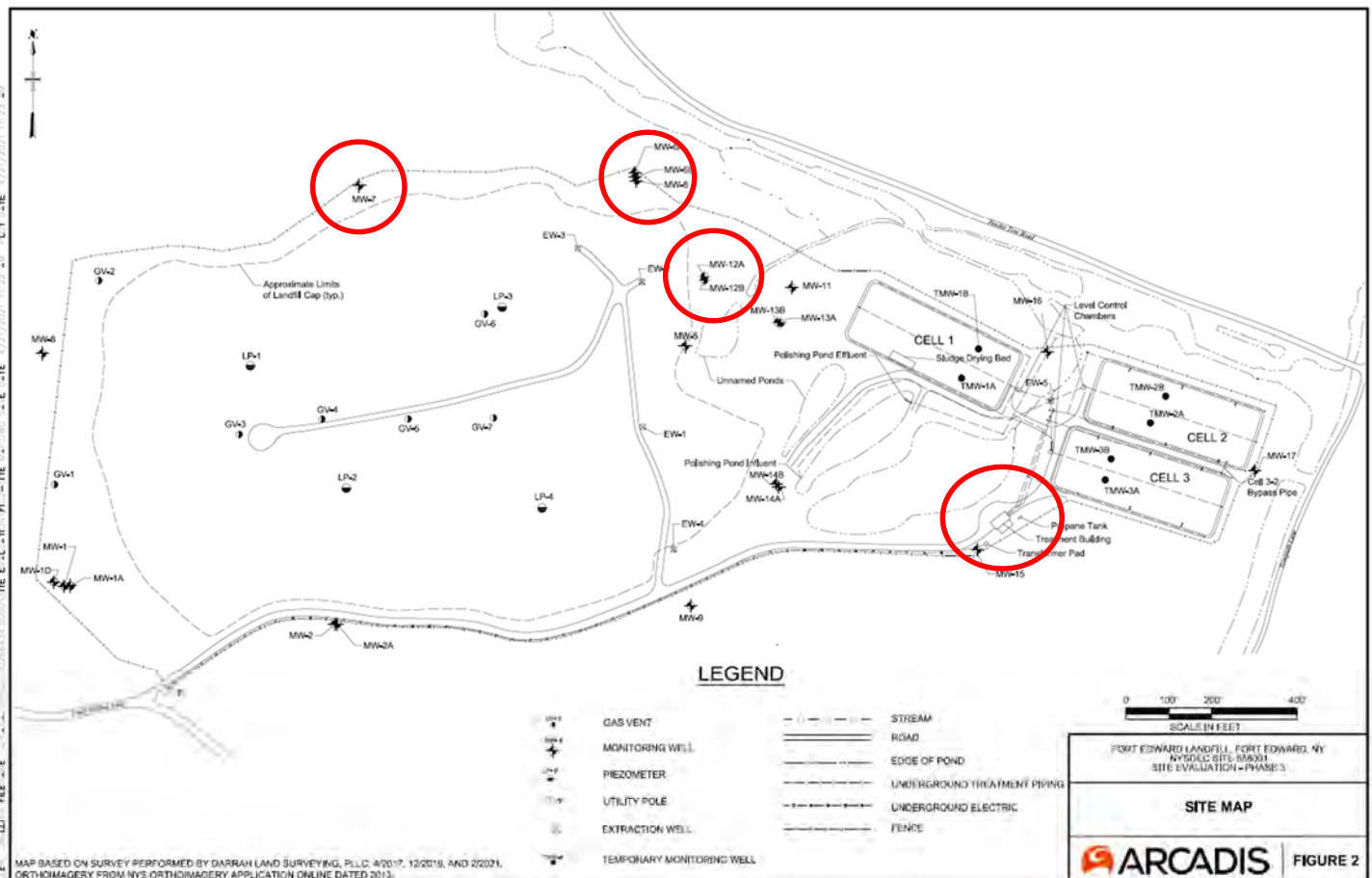
Site Representatives	
Name	Representing

Project Schedule Comments
None at this time.

Issues Pending
None at this time.

Interaction with Public, Property Owners, Media, etc.
None at this time.

Include (insert) figures with markups showing location of work and job progress



Red outlined areas indicate the location of work performed on February 10th, 2022.

DAILY INSPECTION REPORT

Report No. 80

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 5

Date: 2/10/2022

Site Photographs (Descriptions Below)



View of MW-12B slug test.



View of Filter Cake in Filter Press.



View of newly installed sodium permanganate pump.



View of clear IPC discharge.

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Jasmine Mullins, Jeremy Wyckoff

Date: 2/10/2022

DAILY INSPECTION REPORT

Report No. 80

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/10/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			



DAILY INSPECTION REPORT

Page 1 of 4

Report No. 81

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/15/2022

NYSDEC Division of Environmental Remediation		 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York						Superintendent: NYSDEC PM: Payson Long Consultant PM: Andy Vitolins, P.G. Consultant Site Inspectors: Patrick Harrington, Colby Churchill	
Weather Conditions							
General Description	Partly Sunny	AM	Partly Cloudy	PM			
Temperature	15 °F	AM	25 °F	PM			
Wind	8 MPH ESE	AM	7 MPH NNW	PM			
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".							
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA
Health & Safety Comments None at this time.							
Summary of Work Performed		Arrived at site:		0800	Departed Site:		1910
<ul style="list-style-type: none"> - Completed routine monthly Treatment System sampling. Sample coolers delivered to Pace Analytical. - Brought new diluted sodium permanganate drum online, and adjusted dosing settings of the pump. - Completed blowdown and cake discharge of the Filter Press. - Containerized one 55-gallon drum of Filter Press Filter Sludge. - Completed additional prefill and partial onstream of the Filter Press. - Repeatedly transferred sludge from the Inclined Plate Clarifier (IPC) to the Thickener Tank. - Performed routine housekeeping and chemical inspection within the Treatment System building. 							
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA
Were there any vehicles which were not tarped?					*Yes	No	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?					*Yes	No	NA <input checked="" type="checkbox"/>
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Patrick Harrington		Arcadis		Geologist		11.2	
Colby Churchill		Arcadis		Engineer		9.0	
Equipment Description		Contractor/Vendor			Quantity	Used	
Material Description		Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
*On-Site scale for off-site shipment, delivery ticket for material received							
Equipment/Material Tracking Comments: None at this time.							

DAILY INSPECTION REPORT

Report No. 81

Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 4

Date: 2/15/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No

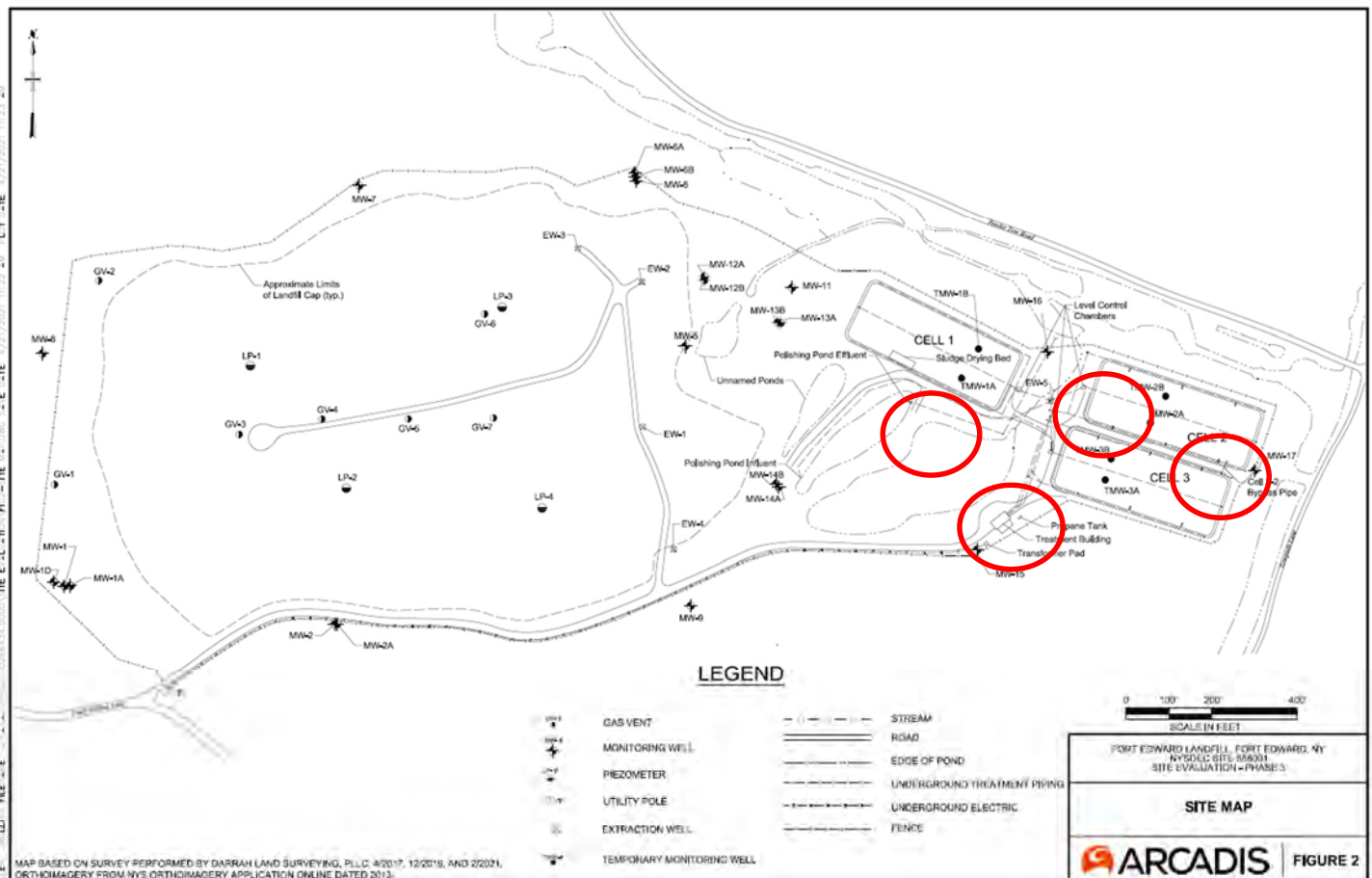
Site Representatives	
Name	Representing

Project Schedule Comments
None at this time.

Issues Pending
None at this time.

Interaction with Public, Property Owners, Media, etc.
None at this time.

Include (insert) figures with markups showing location of work and job progress



Red outlined areas indicate the location of work performed on February 15th, 2022.

DAILY INSPECTION REPORT

Report No. 81

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 4

Date: 2/15/2022

Site Photographs (Descriptions Below)



View of IPC mixing chambers prior to sodium permanganate dosing adjustment.



View of IPC after sodium permanganate dosing adjustment.

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Colby Churchill

Date: 2/15/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.		

DAILY INSPECTION REPORT

Page 4 of 4

Report No. 81

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/15/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST



Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			

DAILY INSPECTION REPORT

Report No. 82

Fort Edward Landfill - NYSDEC Site No. 558001

Page 1 of 4
Date: 2/22/2022

NYSDEC Division of Environmental Remediation				 Department of Environmental Conservation				NYSDEC Contract No. D009804	
Site Location: Hudson Falls, New York								Superintendent: NYSDEC PM: Payson Long Consultant PM: Andy Vitolins, P.G. Consultant Site Inspectors: Patrick Harrington, Colby Churchill	
Weather Conditions									
General Description	Sunny	AM	Rain	PM					
Temperature	30 °F	AM	44 °F	PM					
Wind	25MPH ESE	AM	18 MPH ESE	PM					
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".									
Were there any changes to the Health & Safety Plan?					*Yes	No <input checked="" type="checkbox"/>	NA		
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA <input checked="" type="checkbox"/>		
Were there any nuisance issues reported/observed on this date?					*Yes	No <input checked="" type="checkbox"/>	NA		
Health & Safety Comments None at this time.									
Summary of Work Performed		Arrived at site:		0830		Departed Site:		1845	
<ul style="list-style-type: none"> - Clean Harbors onsite for pickup and offsite disposal of ten Filter Press Filter Sludge 55-gallon drums and two damaged, empty steel 55-gallon drums in overpack drums. - Sprayed down the inside of the Clarifier Catch Tank (CCT). - Installed updated firmware on the sodium permanganate dosing pump. - Repeatedly transferred sludge from the Inclined Plate Clarifier (IPC) to the Thickener Tank. - Completed onstream, blowdown, and cake discharge of the Filter Press. - Completed prefill of Filter Press. - Performed routine housekeeping and chemical inspection within the Treatment System building. 									
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".									
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No <input checked="" type="checkbox"/>	NA		
Were there any vehicles which were not tarped?					* Yes	No	NA <input checked="" type="checkbox"/>		
Were there any vehicles which were not decontaminated prior to exiting the work site?					* Yes	No	NA <input checked="" type="checkbox"/>		
Personnel and Equipment									
Individual		Company		Trade		Total Hours			
Patrick Harrington		Arcadis		Geologist		10.75			
Colby Churchill		Arcadis		Engineer		8.5			
Equipment Description		Contractor/Vendor				Quantity	Used		
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*		
Filter Press Filter Sludge		10 drums	B007	Spring Grove Resource Recovery			2.0		
Empty 55-gallon drum		2 drums	N/A	Spring Grove Resource Recovery			0.05		
*On-Site scale for off-site shipment, delivery ticket for material received									
Equipment/Material Tracking Comments: None at this time.									

DAILY INSPECTION REPORT

Report No. 82 Fort Edward Landfill - NYSDEC Site No. 558001

Page 2 of 4

Date: 2/22/2022

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
Dave MacDonalds	Clean Harbors	Yes	No X
		Yes	No
		Yes	No
		Yes	No

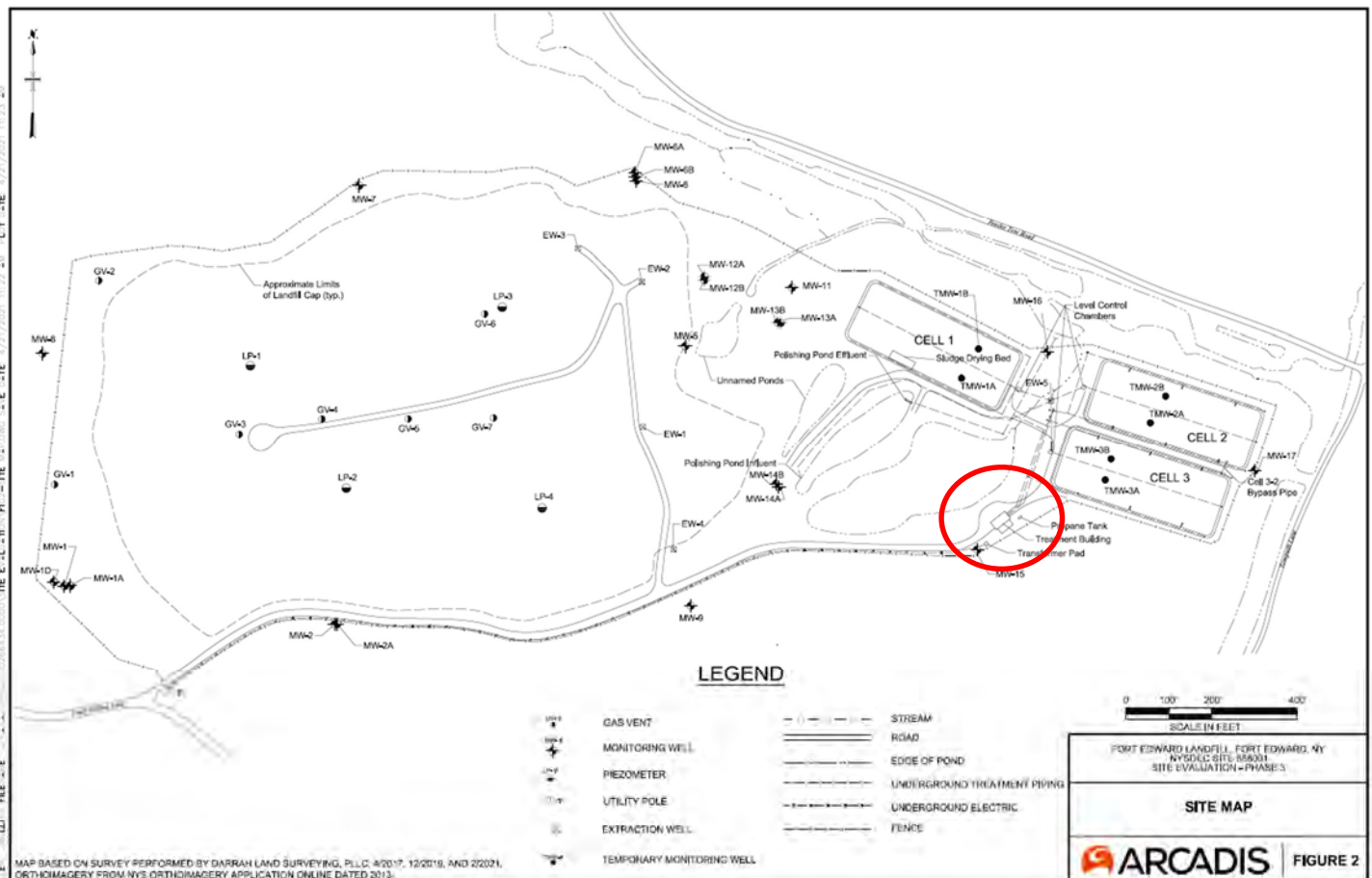
Site Representatives	
Name	Representing

Project Schedule Comments
None at this time.

Issues Pending
None at this time.

Interaction with Public, Property Owners, Media, etc.
None at this time.

Include (insert) figures with markups showing location of work and job progress



Red outlined area indicates the location of work performed on February 22nd, 2022.

DAILY INSPECTION REPORT

Report No. 82

Fort Edward Landfill - NYSDEC Site No. 558001

Page 3 of 4

Date: 2/22/2022

Site Photographs (Descriptions Below)

View of sludge build-up on IPC prior to spray down.



View of IPC after spray down.

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Colby Churchill**Date:** 2/22/2022**DAILY HEALTH CHECKLIST**

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Comments: None at this time.		

DAILY INSPECTION REPORT

Report No. 82

Fort Edward Landfill - NYSDEC Site No. 558001

Date: 2/22/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes to any of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> None at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u> None at this time.			

ATTACHMENT B

Arcadis Weekly O&M Logs



Fort Edward Landfill - Weekly Operation and Maintenance Checklist



Staff: Peter B Harrington
Colby Churchill

Date: 2/1/2022

Time: 8:50

Check status and compare to normal conditions. See Reverse side for typical operating parameters.

HMI SCREENS

Extraction Wells

	Online (Y/N)	Auto	Manual	Flow (gpm)	Level (ft)	(psi)
Pump Status/Flow	EW-1 <u>N</u>	<u>NO</u>	<u>NO</u>	<u>0.9</u>	<u>13.69</u>	<u>0.0</u>
Run pumps in "Manual" to confirm flow, if needed.	EW-2 <u>Y</u>	<u>YES</u>	<u>NO</u>			
Confirm pumps are operating between setpoints	EW-3 <u>Y</u>	<u>YES</u>	<u>NO</u>	<u>21.20</u>	<u>8.90</u>	<u>NA</u>
Confirm pressure with pump cycling & not high/low	EW-4 <u>Y</u>	<u>YES</u>	<u>NO</u>	<u>30.79</u>	<u>9.10</u>	<u>12.51</u>
If pumps on, is water flowing into IPC (Y/N)? <u>Y</u>	EW-5 <u>Y</u>	<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>8.55</u>	<u>NA</u>

Process - (Check if OK or fill in values)

Chlorine Alarm status (on/off)	A1 <u>YES</u>	A2 <u>NO</u>	Auto rotate on/off	<u>ON</u>
If on - record chlorine concentration (ppm)	<u>-</u>		Discharge pump operating	<u>✓</u>
Operate exhaust fan manually	<u>✓</u>		Discharge pump pressure normal	<u>✓</u>
FT-801 reading (GPM)	<u>27.30</u>		Building temp accurate	<u>✓</u>
Chemical rates normal for flow?	<u>✓</u>		Mixers operating?	<u>✓</u>
Catch tank display level=actual?	<u>✓</u>		Other Alarms (Y/N)	<u>N</u>

Filtration (Check if OK)

Air compressor pressure in range	<u>✓</u>	Solenoid status correct for operation	<u>✓</u>
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Data (Check if OK)

Do Daily & Yesterday Starts make sense	<u>✓</u>
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Alarms

All Alarms Enabled (Y/N)	<u>Y</u>
List any disabled and indicate why	<u>-</u>

BUILDING/GROUNDS

Air Compressor (Check if OK)

Cycle times normal for load	<u>Y</u>	Check auto drain operation	<u>✓</u>
Check oil level at least monthly	<u>N/A</u>	Check dryer - alarms? Cycling?	<u>✓</u>
Belt tension	<u>Y</u>	HX fan operates with compressor?	<u>✓</u>

Unit Heaters (Check if OK)

Thermostats set correctly (50-55 F)	<u>✓</u>	Propane tank level greater than 20%	<u>70</u>
Heaters working	<u>✓</u>		

IPC (Y/N)

IPC discharge clear?	<u>YES</u>	Check sludge ports (Sludge Y/N)	<u>Y</u>
Floatables? (take photos if yes)	<u>NO</u>	Indicate % of sludge	Upper <u>20</u>
Coag visibly dosing?	<u>✓</u>	at each port	Mid <u>100</u>
Floc visibly dosing?	<u>✓</u>		Lower <u>100</u>

Chemical Feed (Fill in values)

305 Bleach <u>NO-MON</u>	Height (in)	<u>27</u>	mA Signal	<u>06.5</u>	# of Full Drums Onsite	<u>1</u>
2130 Coagulant	Height (in)	<u>13</u>	Stroke Rate	<u>16.6</u>	# of Full Drums Onsite	<u>3</u>
1668 Flocculant	Volume (gal)	<u>400</u>	Stroke Rate	<u>90</u>	# of Full Bags Onsite	<u>1</u>
Dosing pumps at normal rate?	<u>✓</u>				Chemicals needed?	<u>N/A</u>

Floor Sumps (Y/N)

Sump levels normal?	<u>Y</u>	Pump runs but not emptying sump?	<u>N</u>
High-High level switches operate freely?	<u>Y</u>	Back flowing after pump cycle?	<u>N</u>
Excessive sludge/sediment?	<u>N</u>		

Diaphragm pumps (Check if OK)

	Thick Feed	Press Feed	Floc Feed
Proper operation/flow	<u>✓</u>	<u>✓</u>	<u>✓</u>
Regulators working properly	<u>✓</u>	<u>✓</u>	<u>✓</u>
Exhaust mufflers	<u>✓</u>	<u>✓</u>	<u>✓</u>

Filter Press (Check if OK)

Hydraulic ram operating normally	<u>✓</u>	Sorbent pads replaced?	<u>N</u>
Hydraulic pressure normal	<u>✓</u>	How many total filled Haz drums onsite?	<u>8</u>
Significant leaks?	<u>✓</u>	How many Haz drums filled & closed today?	<u>1</u>

General/Housekeeping

Wipe down dirty equipment/piping	<u>✓</u>	Any leaks?	<u>N</u>	Waste drums needed?	<u>Y</u>
Sweep and/or wash floors	<u>✓</u>	Lights working?	<u>✓</u>	Drum labels needed?	<u>N</u>
Fire extinguisher inspection (monthly)	<u>✓</u>	Exit signs working?	<u>✓</u>	Removed trash?	<u>N</u>
Sludge in Clarifier Catch Tank?	<u>N</u>				

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts	Clear woody vegetation from swales and cap
Shovel doorways, apply ice melt	Look for damage fencing/gates
Confirm gates and doorways locked	Confirm storage container locked

Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EW-2	14	11	1	3	10	25
EW-3	20	NA	1	3	10	20
EW-4	30	20	0	7	10	36
EW-5	NA	NA	1	3	10	20
Clarifier Catch Tank			Low-Low	Level (off)	Level (on)	High-High
			0.5	1	2	3.25

Chlorine Alarm

A1 means chlorine concentration greater than 0.5 ppm

A1 and A2 means concentration greater than 1.0 ppm

If both on, the following will occur: Stop bleach pump, open intake louver, turn on exhaust fan and outside warning light.

Chemical Dosing Rates	HMI Setpoint	Stroke SP	Hand SP	Pump Screen
305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
2130 Coagulant	0.10%	96	0.16 gph	12.5 - 12.7
1668 Flocculant	0.20%	100	2.47 gph	72 - 75

Discharge Pumps

Typical speed	30-100%
Typical pressure	22 psi @ 100%

Air compressor

operating range	90-175 psi
regulator setpoint	90 psi
Auto drain	On 5 seconds every 5 minutes
Dryer	Display shows "ESA/ON" with dew point level shown on bar scale. Auto drain operates 5 seconds every minute Heat exchanger fan should operate with compressor

Regulators

	PSI Range
Thickener feed pump	40 psi max
Filter press feed pump	90 psi max
Floc feed pump	40 psi
Filter press hyd pump	
Blowdown	90 psi max

Notes:

- new sump wasn't pumping, cleared blockage in pipe
- A1 chlorine alarm sensor error

Fort Edward Landfill - Weekly Operation and Maintenance Checklist



Staff: PH, J.M.J.W

Date: 2/8/22

Time: 0830

Check status and compare to normal conditions. See Reverse side for typical operating parameters.

HMI SCREENS

Extraction Wells

	Online (Y/N)	Auto	Manual	Flow (gpm)	Level (ft)	(psi)
Pump Status/Flow	EW-1 <u>N</u>	<u>N</u>	<u>N</u>	<u>0.49</u>	<u>13.98</u>	<u>0</u>
Run pumps in "Manual" to confirm flow, if needed.	EW-2 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>20</u>	<u>9.98</u>	<u>8.75</u>
Confirm pumps are operating between setpoints	EW-3 <u>N</u>	<u>Y</u>	<u>N</u>	<u>0</u>	<u>7.5</u>	<u>NA</u>
Confirm pressure with pump cycling & not high/low	EW-4 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>30.77</u>	<u>7.8</u>	<u>10.52</u>
If pumps on, is water flowing into IPC (Y/N)? <u>Y</u>	EW-5 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>NA</u>	<u>9.4</u>	<u>NA</u>

Process - (Check if OK or fill in values)

Chlorine Alarm status (on/off)	A1 <u>off</u>	A2 <u>off</u>	Auto rotate on/off	<u>✓</u>
If on - record chlorine concentration (ppm)	<u>N/A</u>		Discharge pump operating	<u>✓</u>
Operate exhaust fan manually	<u>✓</u>		Discharge pump pressure normal	<u>✓</u>
FT-801 reading (GPM)	<u>28.8</u>		Building temp accurate	<u>✓</u>
Chemical rates normal for flow?	<u>✓</u>		Mixers operating?	<u>✓</u>
Catch tank display level=actual?	<u>✓</u>		Other Alarms (Y/N)	<u>N</u>

Filtration (Check if OK)

Air compressor pressure in range	<u>✓</u>	Solenoid status correct for operation	<u>✓</u>
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Data (Check if OK)

Do Daily & Yesterday Starts make sense	<u>✓</u>
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Alarms

All Alarms Enabled (Y/N)	<u>N</u>
List any disabled and indicate why	<u>chlorine disabled</u>

BUILDING/GROUNDS

Air Compressor (Check if OK)

Cycle times normal for load	<u>✓</u>	Check auto drain operation	<u>✓</u>
Check oil level at least monthly	<u>✓</u>	Check dryer - alarms? Cycling?	<u>✓</u>
Belt tension	<u>✓</u>	HX fan operates with compressor?	<u>✓</u>

Unit Heaters (Check if OK)

Thermostats set correctly (50-55 F)	<u>✓</u>	Propane tank level greater than 20%	<u>✓</u>
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Heaters working

IPC (Y/N)

IPC discharge clear?	<u>✓</u>	Check sludge ports (Sludge Y/N)	<u>✓</u>
Floatables? (take photos if yes)	<u>Yes NO</u>	Indicate % of sludge at each port	Upper <u>0</u> Mid <u>100</u> Lower <u>100</u>
Coag visibly dosing?	<u>✓</u>		
Floc visibly dosing?	<u>✓</u>		

Chemical Feed (Fill in values)

305 Bleach <u>345 NaMNO4</u>	Height (in)	<u>22.44</u>	mA Signal	<u>4</u>	Notes	<u>2 Remaining</u>
2130 Coagulant	Height (in)	<u>8.5</u>	Stroke Rate	<u>38</u>	Notes	<u>3 Remaining</u>
1668 Flocculant	Volume (gal)	<u>335</u>	Stroke Rate	<u>100</u>	Notes	<u>made 100 gallons</u>
Dosing pumps at normal rate?	<u>✓</u>				Chemicals needed?	

Floor Sumps (Y/N)

Sump levels normal?	<u>✓</u>	Pump runs but not emptying sump?	<u>N</u>
High-High level switches operate freely?	<u>✓</u>	Back flowing after pump cycle?	<u>✓</u>
Excessive sludge/sediment?	<u>N</u>		

Diaphragm pumps (Check if OK)

	Thick Feed	Press Feed	Floc Feed
Proper operation/flow	<u>✓</u>	<u>✓</u>	<u>✓</u>
Regulators working properly	<u>✓</u>	<u>✓</u>	<u>✓</u>
Exhaust mufflers	<u>✓</u>	<u>✓</u>	<u>✓</u>

Filter Press (Check if OK)

Hydraulic ram operating normally	<u>✓</u>	Sorbent pads replaced?	<u>0</u>
Hydraulic pressure normal	<u>✓</u>	How many total filled Haz drums onsite?	<u>9</u>
Significant leaks?	<u>N</u>	How many Haz drums filled & closed today?	<u>1</u>

General/Housekeeping

Wipe down dirty equipment/piping	<u>✓</u>	Any leaks?	<u>N</u>	Waste drums needed?	<u>yes</u>
Sweep and/or wash floors	<u>✓</u>	Lights working?	<u>✓</u>	Drum labels needed?	<u>N</u>
Fire extinguisher inspection (monthly)	<u>N/A</u>	Exit signs working?	<u>✓</u>	Removed trash?	<u>N</u>
Sludge in Clarifier Catch Tank?	<u>N/A</u>				

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts	Clear woody vegetation from swales and cap
Shovel doorways, apply ice melt	Look for damage fencing/gates
Confirm gates and doorways locked	Confirm storage container locked

Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EW-2	14	11	1	3	10	25
EW-3	20	NA	1	3	10	20
EW-4	30	20	0	7	10	36
EW-5	NA	NA	1	3	10	20
Clarifier Catch Tank			Low-Low	Level (off)	Level (on)	High-High
			0.5	1	2	3.25

Chlorine Alarm

A1 means chlorine concentration greater than 0.5 ppm

A1 and A2 means concentration greater than 1.0 ppm

If both on, the following will occur: Stop bleach pump, open intake louver, turn on exhaust fan and outside warning light .

Chemical Dosing Rates	HMI Setpoint	Stroke SP	Hand SP	Pump Screen
305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
2130 Coagulant	0.10%	96	0.16 gph	12.5 - 12.7
1668 Flocculant	0.20%	100	2.47 gph	72 - 75

Discharge Pumps

Typical speed	30-100%
Typical pressure	22 psi @ 100%

Air compressor

operating range	90-175 psi
regulator setpoint	90 psi
Auto drain	On 5 seconds every 5 minutes
Dryer	Display shows "ESA/ON" with dew point level shown on bar scale. Auto drain operates 5 seconds every minute Heat exchanger fan should operate with compressor

Regulators

	PSI Range
Thickener feed pump	40 psi max
Filter press feed pump	90 psi max
Floc feed pump	40 psi
Filter press hyd pump	
Blowdown	90 psi max

Notes:

Fort Edward Landfill - Weekly Operation and Maintenance Checklist

Staff: PH, TM, JW

Date: 2/10/22

Time: 0830

Check status and compare to normal conditions. See Reverse side for typical operating parameters.

HMI SCREENS

Extraction Wells

	Online (Y/N)	Auto	Manual	Flow (gpm)	Level (ft)	(psi)
Pump Status/Flow	EW-1 <u>N</u>	<u>Off</u>	<u>Off</u>	<u>0.57</u>	<u>13.94</u>	<u>0</u>
Run pumps in "Manual" to confirm flow, if needed.	EW-2 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>22</u>	<u>7.85</u>	<u>7</u>
Confirm pumps are operating between setpoints	EW-3 <u>N</u>	<u>Y</u>	<u>N</u>	<u>0</u>	<u>8.7</u>	<u>NA</u>
Confirm pressure with pump cycling & not high/low	EW-4 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>10.78</u>	<u>11.45</u>	<u>11.52</u>
If pumps on, is water flowing into IPC (Y/N)?	EW-5 <u>Y</u>	<u>Y</u>	<u>N</u>	<u>NA</u>	<u>7.89</u>	<u>NA</u>

Process - (Check if OK or fill in values)

Chlorine Alarm status (on/off)	A1 <u>N/A</u>	A2 <u>N/A</u>	Auto rotate on/off	<u>On</u>
If on - record chlorine concentration (ppm)	<u>—</u>		Discharge pump operating	<u>✓</u>
Operate exhaust fan manually	<u>✓</u>		Discharge pump pressure normal	<u>✓</u>
FT-801 reading (GPM)	<u>25.84</u>		Building temp accurate	<u>✓</u>
Chemical rates normal for flow?	<u>✓</u>		Mixers operating?	<u>✓</u>
Catch tank display level=actual?	<u>✓</u>		Other Alarms (Y/N)	<u>N</u>

Filtration (Check if OK)

Air compressor pressure in range	<u>✓</u>	Solenoid status correct for operation	<u>✓</u>
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Data (Check if OK)

Do Daily & Yesterday Starts make sense	<u>✓</u>
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Alarms

All Alarms Enabled (Y/N)	<u>N</u>
List any disabled and indicate why	<u>Chlorine disabled, no chlorine on site</u>

BUILDING/GROUNDS

Air Compressor (Check if OK)

Cycle times normal for load	<u>✓</u>	Check auto drain operation	<u>✓</u>
Check oil level at least monthly	<u>✓</u>	Check dryer - alarms? Cycling?	<u>✓</u>
Belt tension	<u>✓</u>	HX fan operates with compressor?	<u>✓</u>

Unit Heaters (Check if OK)

Thermostats set correctly (50-55 F)	<u>✓</u>	Propane tank level greater than 20%	<u>✓ 50%</u>
Heaters working	<u>✓</u>		

IPC (Y/N)

IPC discharge clear?	<u>✓</u>	Check sludge ports (Sludge Y/N)	<u>✓</u>
Floatables? (take photos if yes)	<u>N</u>	Indicate % of sludge	Upper <u>0</u>
Coag visibly dosing?	<u>✓</u>	at each port	Mid <u>75</u>
Floc visibly dosing?	<u>✓</u>		Lower <u>100</u>

Chemical Feed (Fill in values)

305 Bleach <u>745 N₂ M₁ O₄</u>	Height (in) <u>21.5</u>	mA Signal <u>4.0</u>	# of Full Drums Onsite <u>2</u>
2130 Coagulant	Height (in) <u>8.5</u>	Stroke Rate <u>38</u>	# of Full Drums Onsite <u>3</u>
1668 Flocculant	Volume (gal) <u>400</u>	Stroke Rate <u>100</u>	# of Full Bags Onsite <u>1 (Made 100 gallons)</u>
Dosing pumps at normal rate?	<u>Y</u>	Chemicals needed?	<u>None</u>

Floor Sumps (Y/N)

Sump levels normal?	<u>Y</u>	Pump runs but not emptying sump?	<u>N</u>
High-High level switches operate freely?	<u>Y</u>	Back flowing after pump cycle?	<u>N</u>
Excessive sludge/sediment?	<u>N</u>		

Diaphragm pumps (Check if OK)

Thick Feed	Press Feed	Floc Feed
Proper operation/flow	<u>✓</u>	<u>✓</u>
Regulators working properly	<u>✓</u>	<u>✓</u>
Exhaust mufflers	<u>✓</u>	<u>✓</u>

Filter Press (Check if OK)

Hydraulic ram operating normally	<u>✓</u>	Sorbent pads replaced?	<u>N</u>
Hydraulic pressure normal	<u>✓</u>	How many total filled Haz drums onsite?	<u>9</u>
Significant leaks?	<u>✓</u>	How many Haz drums filled & closed today?	<u>0</u>

General/Housekeeping

Wipe down dirty equipment/piping	<u>✓</u>	Any leaks?	<u>N</u>	Waste drums needed?	<u>N</u>
Sweep and/or wash floors	<u>✓</u>	Lights working?	<u>Y</u>	Drum labels needed?	<u>N</u>
Fire extinguisher inspection (monthly)	<u>N/A</u>	Exit signs working?	<u>Y</u>	Removed trash?	<u>✓</u>
Sludge in Clarifier Catch Tank?	<u>N</u>				

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts	Clear woody vegetation from swales and cap
Shovel doorways, apply ice melt	Look for damage fencing/gates
Confirm gates and doorways locked	Confirm storage container locked

Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EW-2	14	11	1	3	10	25
EW-3	20	NA	1	3	10	20
EW-4	30	20	0	7	10	36
EW-5	NA	NA	1	3	10	20
Clarifier Catch Tank			Low-Low	Level (off)	Level (on)	High-High
			0.5	1	2	3.25

Chlorine Alarm

A1 means chlorine concentration greater than 0.5 ppm

A1 and A2 means concentration greater than 1.0 ppm

If both on, the following will occur: Stop bleach pump, open intake louver, turn on exhaust fan and outside warning light .

Chemical Dosing Rates	HMI Setpoint	Stroke SP	Hand SP	Pump Screen
305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
2130 Coagulant	0.10%	96	0.16 gph	12.5 - 12.7
1668 Flocculant	0.20%	100	2.47 gph	72 - 75

Discharge Pumps

Typical speed	30-100%
Typical pressure	22 psi @ 100%

Air compressor

operating range	90-175 psi
regulator setpoint	90 psi
Auto drain	On 5 seconds every 5 minutes
Dryer	Display shows "ESA/ON" with dew point level shown on bar scale. Auto drain operates 5 seconds every minute Heat exchanger fan should operate with compressor

Regulators

	PSI Range
Thickener feed pump	40 psi max
Filter press feed pump	90 psi max
Floc feed pump	40 psi
Filter press hyd pump	
Blowdown	90 psi max

Notes:

Fort Edward Landfill - Weekly Operation and Maintenance Checklist

Staff: PH, CCDate: 2-15-22Time: 0900

Check status and compare to normal conditions. See Reverse side for typical operating parameters.

HMI SCREENS

Extraction Wells		Online (Y/N)	Auto	Manual	Flow (gpm)	Level (ft)	(psi)
Pump Status/Flow	EW-1	<u>N</u>	<u>N</u>	<u>Y</u>	<u>0.72</u>	<u>13.82</u>	<u>32.48</u>
Run pumps in "Manual" to confirm flow , if needed.	EW-2	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>9.03</u>	<u>3.52</u>	<u>41.01</u>
Confirm pumps are operating between setpoints	EW-3	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>11.85</u>	<u>6.25</u>	<u>NA</u>
Confirm pressure with pump cycling & not high/low	EW-4	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>22.61</u>	<u>7.38</u>	<u>43.85</u>
If pumps on, is water flowing into IPC (Y/N)? <u>Y</u>	EW-5	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>NA</u>	<u>8.28</u>	<u>NA</u>

Process - (Check if OK or fill in values)

Chlorine Alarm status (on/off)	A1	<u>Off</u>	A2	<u>Off</u>	Auto rotate on/off	<u>On</u>
If on - record chlorine concentration (ppm)		<u>✓</u>			Discharge pump operating	<u>✓</u>
Operate exhaust fan manually		<u>✓</u>			Discharge pump pressure normal	<u>✓</u>
FT-801 reading (GPM)		<u>14.62</u>			Building temp accurate	<u>✓</u>
Chemical rates normal for flow?		<u>✓</u>			Mixers operating?	<u>✓</u>
Catch tank display level=actual?		<u>✓</u>			Other Alarms (Y/N)	<u>N</u>

Filtration (Check if OK)

Air compressor pressure in range	<u>✓</u>	Solenoid status correct for operation	<u>✓</u>
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Data (Check if OK)

Do Daily & Yesterday Starts make sense	<u>✓</u>
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Alarms

All Alarms Enabled (Y/N)	<u>N</u>
List any disabled and indicate why	<u>Chlorine disabled</u>

BUILDING/GROUNDS

Air Compressor (Check if OK)

Cycle times normal for load	<u>✓</u>	Check auto drain operation	<u>✓</u>
Check oil level at least monthly	<u>✓</u>	Check dryer - alarms? Cycling?	<u>✓</u>
Belt tension	<u>✓</u>	HX fan operates with compressor?	<u>✓</u>

Unit Heaters (Check if OK)

Thermostats set correctly (50-55 F)	<u>✓</u>	Propane tank level greater than 20%	<u>✓ 38%</u>
Heaters working	<u>✓</u>		

IPC (Y/N)

IPC discharge clear?	<u>Y</u>	Check sludge ports (Sludge Y/N)	<u>Y</u>
Floatables? (take photos if yes)	<u>N</u>	Indicate % of sludge	Upper <u>0</u>
Coag visibly dosing?	<u>Y</u>	at each port	Mid <u>100</u>
Floc visibly dosing?	<u>Y</u>		Lower <u>100</u>

Chemical Feed (Fill in values)

305 Bleach	Height (in)	<u>29.44</u>	mA Signal	<u>4.40</u>	Notes	<u>Adjusted flow rates</u>
2130 Coagulant	Height (in)	<u>31.5</u>	Stroke Rate	<u>38</u>	Notes	<u>New Drum online</u>
1668 Flocculant	Volume (gal)	<u>450</u>	Stroke Rate	<u>74</u>	Notes	<u>Made 100 gallons</u>
Dosing pumps at normal rate?	<u>✓</u>				Chemicals needed?	<u>none</u>

Floor Sumps (Y/N)

Sump levels normal?	<u>✓</u>	Pump runs but not emptying sump?	<u>N</u>
High-High level switches operate freely?	<u>✓</u>	Back flowing after pump cycle?	<u>N</u>
Excessive sludge/sediment?	<u>✓</u>		

Diaphragm pumps (Check if OK)

	Thick Feed	Press Feed	Floc Feed
Proper operation/flow	<u>✓</u>	<u>✓</u>	<u>✓</u>
Regulators working properly	<u>✓</u>	<u>✓</u>	<u>✓</u>
Exhaust mufflers	<u>✓</u>	<u>✓</u>	<u>✓</u>

Filter Press (Check if OK)

Hydraulic ram operating normally	<u>✓</u>	Sorbent pads replaced?	<u>N</u>
Hydraulic pressure normal	<u>✓</u>	How many total filled Haz drums onsite?	<u>10</u>
Significant leaks?	<u>✓</u>	How many Haz drums filled & closed today?	<u>1</u>

General/Housekeeping

Wipe down dirty equipment/piping	<u>✓</u>	Any leaks?	<u>N</u>	Waste drums needed?	<u>N</u>
Sweep and/or wash floors	<u>✓</u>	Lights working?	<u>Y</u>	Drum labels needed?	<u>N</u>
Fire extinguisher inspection (monthly)	<u>✓</u>	Exit signs working?	<u>Y</u>	Removed trash?	<u>N</u>
Sludge in Clarifier Catch Tank?	<u>✓</u>				

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts		Clear woody vegetation from swales and cap
Shovel doorways, apply ice melt		Look for damage fencing/gates
Confirm gates and doorways locked		Confirm storage container locked

Fort Edward Landfill - Typical Operating Parameters

Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EW-2	14	11	1	3	10	25
EW-3	20	NA	1	3	10	20
EW-4	30	20	0	7	10	36
EW-5	NA	NA	1	3	10	20
Clarifier Catch Tank			Low-Low	Level (off)	Level (on)	High-High
			0.5	1	2	3.25

Chlorine Alarm

A1 means chlorine concentration greater than 0.5 ppm

A1 and A2 means concentration greater than 1.0 ppm

If both on, the following will occur: Stop bleach pump, open intake louver, turn on exhaust fan and outside warning light .

Chemical Dosing Rates	HMI Setpoint	Stroke SP	Hand SP	Pump Screen
305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
2130 Coagulant	0.10%	96	0.16 gph	12.5 - 12.7
1668 Flocculant	0.20%	100	2.47 gph	72 - 75

Discharge Pumps

Typical speed	30-100%
Typical pressure	22 psi @ 100%

Air compressor

operating range	90-175 psi
regulator setpoint	90 psi
Auto drain	On 5 seconds every 5 minutes
Dryer	Display shows "ESA/ON" with dew point level shown on bar scale. Auto drain operates 5 seconds every minute Heat exchanger fan should operate with compressor

Regulators

	PSI Range
Thickener feed pump	40 psi max
Filter press feed pump	90 psi max
Floc feed pump	40 psi
Filter press hyd pump	
Blowdown	90 psi max

Notes:

NaMnO₄ pump

$$\frac{5 \text{ ml}}{6 \text{ min}} = \frac{50 \text{ ml}}{\text{Hr}} = 0.013 \text{ gal/Hr}$$

$$= \text{Avg. } 0.014 \text{ gal/Hr}$$

$$\frac{5.75 \text{ ml}}{6 \text{ min}} = \frac{57.5 \text{ ml}}{\text{Hr}} = 0.015 \text{ gal/Hr}$$

Fort Edward Landfill - Weekly Operation and Maintenance Checklist

Staff: PH, CCDate: 2/22/22Time: 0830

Check status and compare to normal conditions. See Reverse side for typical operating parameters.

HMI SCREENS

	Online (Y/N)	Auto	Manual	Flow (gpm)	Level (ft)	(psi)
Extraction Wells						
Pump Status/Flow	EW-1 <u>N</u>	<u>N</u>	<u>off</u>	<u>0.51</u>	<u>13.94</u>	<u>0</u>
Run pumps in "Manual" to confirm flow, if needed.	EW-2 <u>Y</u>	<u>Y</u>	<u>off</u>	<u>8.51</u>	<u>5.40</u>	<u>17.12</u>
Confirm pumps are operating between setpoints	EW-3 <u>Y</u>	<u>Y</u>	<u>off</u>	<u>18.75</u>	<u>9.45</u>	<u>NA</u>
Confirm pressure with pump cycling & not high/low	EW-4 <u>Y</u>	<u>Y</u>	<u>off</u>	<u>30.28</u>	<u>9.84</u>	<u>11.22</u>
If pumps on, is water flowing into IPC (Y/N)? <u>Y</u>	EW-5 <u>Y</u>	<u>Y</u>	<u>off</u>	<u>NA</u>	<u>8.35</u>	<u>NA</u>

Process - (Check if OK or fill in values)

Chlorine Alarm status (on/off)	A1 <u>off</u>	A2 <u>off</u>	Auto rotate on/off	<u>on</u>
If on - record chlorine concentration (ppm)	<u>-</u>		Discharge pump operating	<u>✓</u>
Operate exhaust fan manually	<u>✓</u>		Discharge pump pressure normal	<u>✓</u>
FT-801 reading (GPM)	<u>26.87</u>		Building temp accurate	<u>✓</u>
Chemical rates normal for flow?	<u>✓</u>		Mixers operating?	<u>✓</u>
Catch tank display level=actual?	<u>✓</u>		Other Alarms (Y/N)	<u>N</u>

Filtration (Check if OK)

Air compressor pressure in range	<u>✓</u>	Solenoid status correct for operation	<u>✓</u>
----------------------------------	----------	---------------------------------------	----------

Data (Check if OK)

Do Daily & Yesterday Starts make sense	<u>✓</u>
----------------------------------------	----------

Alarms

All Alarms Enabled (Y/N)	<u>N</u>
List any disabled and indicate why	<u>Chlorine alarms disabled</u>

BUILDING/GROUNDS

Air Compressor (Check if OK)

Cycle times normal for load	<u>✓</u>	Check auto drain operation	<u>✓</u>
Check oil level at least monthly	<u>✓</u>	Check dryer - alarms? Cycling?	<u>✓</u>
Belt tension	<u>✓</u>	HX fan operates with compressor?	<u>✓</u>

Unit Heaters (Check if OK)

Thermostats set correctly (50-55 F)	<u>✓</u>	Propane tank level greater than 20%	<u>Y-75%</u>
Heaters working	<u>✓</u>		

IPC (Y/N)

IPC discharge clear?	<u>Y</u>	Check sludge ports (Sludge Y/N)	<u>Y</u>
Floatables? (take photos if yes)	<u>N</u>	Indicate % of sludge at each port	Upper <u>0</u> Mid <u>100-Dark brown</u> Lower <u>100</u>
Coag visibly dosing?	<u>N - lost alarm, fixed on arrival</u>		
Floc visibly dosing?	<u>Y</u>		

Chemical Feed (Fill in values)

345 Sodium Permanganate	Height (in) <u>28.75"</u>	mA Signal <u>4.47</u>	# of Full Drums Onsite	<u>1</u>
2130 Coagulant	Height (in) <u>31.25"</u>	Stroke Rate <u>16.3</u>	# of Full Drums Onsite	<u>2</u>
1668 Flocculant	Volume (gal) <u>340</u>	Stroke Rate <u>44</u>	# of Full Bags Onsite	<u>1</u>
Dosing pumps at normal rate?	<u>✓</u>	Chemicals needed?	<u>none</u>	

Floor Sumps (Y/N)

Sump levels normal?	<u>Y</u>	Pump runs but not emptying sump?	<u>N</u>
High-High level switches operate freely?	<u>Y</u> (check monthly)	Back flowing after pump cycle?	<u>N</u>
Excessive sludge/sediment?	<u>N</u>		

Diaphragm pumps (Check if OK)

Thick Feed	Press Feed	Floc Feed
Proper operation/flow	<u>✓</u>	<u>✓</u>
Regulators working properly	<u>✓</u>	<u>✓</u>
Exhaust mufflers	<u>✓</u>	<u>✓</u>

Filter Press (Check if OK)

Hydraulic ram operating normally	<u>✓</u>	Sorbent pads replaced?	<u>N</u>
Hydraulic pressure normal	<u>✓</u>	How many total filled Haz drums onsite?	<u>10</u>
Significant leaks?	<u>✓</u>	How many Haz drums filled & closed today?	<u>0</u>

General/Housekeeping

Wipe down dirty equipment/piping	<u>✓</u>	Any leaks?	<u>✓</u>	Waste drums needed?	<u>N</u>
Sweep and/or wash floors	<u>✓</u>	Lights working?	<u>✓</u>	Drum labels needed?	<u>N</u>
Fire extinguisher inspection (monthly)	<u>-</u>	Exit signs working?	<u>✓</u>	Removed trash?	<u>N</u>
Sludge in Clarifier Catch Tank?	<u>Yes - cleaned</u>				

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts	Clear woody vegetation from swales and cap
Shovel doorways, apply ice melt	Look for damage fencing/gates
Confirm gates and doorways locked	Confirm storage container locked

Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EW-2	14	11	1	3	10	25
EW-3	20	NA	1	3	10	20
EW-4	30	20	0	7	10	36
EW-5	NA	NA	1	3	10	20
Clarifier Catch Tank			Low-Low	Level (off)	Level (on)	High-High
			0.5	1	2	3.25

Chlorine Alarm

A1 means chlorine concentration greater than 0.5 ppm

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If both on, the following will occur: Stop bleach pump, open intake louver, turn on exhaust fan and outside warning light.

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305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
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Discharge Pumps

Typical speed	30-100%
Typical pressure	22 psi @ 100%

Air compressor

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regulator setpoint	90 psi
Auto drain	On 5 seconds every 5 minutes
Dryer	Display shows "ESA/ON" with dew point level shown on bar scale. Auto drain operates 5 seconds every minute Heat exchanger fan should operate with compressor

Regulators

	PSI Range
Thickener feed pump	40 psi max
Filter press feed pump	90 psi max
Floc feed pump	40 psi
Filter press hyd pump	
Blowdown	90 psi max

Notes:

- clean Harbors on-site for waste pickup
 - removed 10 drums of filter sludge + 2 empty, damaged
 steel drums requiring overpicks

ATTACHMENT C

Waste Disposal Documents



UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator ID Number NYR000235424 2. Page 1 of 1 3. Emergency Response Phone (800) 483-3718 4. Manifest Tracking Number 016377684 FLE

5. Generator's Name and Mailing Address
NYSDEC Fort Edward Landfill
45 Leavy Hollow Lane
Hudson Falls, NY 12839
Generator's Phone: (518) 250-7308 ATTN: Jasmine Mullins
Generator's Site Address (if different than mailing address) SAME

6. Transporter 1 Company Name
Clean Harbors Environmental Services, Inc.
U.S. EPA ID Number MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Spring Grove Resource Recovery Inc.
4879 Spring Grove Avenue
Cincinnati, OH 45232
Facility's Phone: (513) 681-5738
U.S. EPA ID Number OHD000816629

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1. X	RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PG III	1055 DM 1820 K			B007
2.					
3.					
4.					

14. Special Handling Instructions and Additional Information
1. CH2155646 ERG#171

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/Offor's Printed/Typed Name Colby Churchill on behalf of NYSDEC
Signature [Signature]
Month Day Year 02 22 22

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name DAVID MAX DONALD
Signature [Signature]
Month Day Year 02 22 22
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone: Month Day Year

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. H141 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

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping. DESIGNATED FACILITY TO EPA's MANIFEST SYSTEM

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: 016377684 FLE

GENERATOR NAME: NYSDEC Fort Edward Landfill

ADDRESS: 45 Leavy Hollow Ln
Hudson Falls, NY 12839

EPA ID NUMBER: NYR 000235424

[illegible]

NOTES

1. **Type/Description:** Brief description of the unit such as:
 (i) **Transformer** (> 500 ppm or < 500 ppm) (ii) **Capacitor** (iii) **Bulk Liquid/Solid** (tanker or rolloff)
 (iv) **PCB Container** - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
 (v) **PCB Article Container** - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
- Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.
- COPY 1: DESTINATION STATE-MAILED BY TSDF

СДРУ > 1:

DESTINATION STATE-MAILED BY TSDF

NEW YORK STATE GENERATOR RESTRICTED WASTE NOTIFICATION/CERTIFICATION
FOR PCB WASTES

ALL NEW YORK STATE GENERATORS WHO GENERATE PCB WASTE MUST ATTACH THIS
ADDENDUM TO CHI FORM LDR1

(THIS NOTIFICATION/CERTIFICATION IS ONLY APPLICABLE WITHIN THE STATE OF NEW
YORK)

Generator Name: NYSDC FORT EDWARD LANDFILL
EPA ID No. 04D000816629 / NYR000235424

Signature: Colby Churchill on behalf of NYSDC
Date: 01/22/27

Manifest No.: 16377684 FLE

This Addendum to CHI Form LDR1 must be completed for any New York state regulated hazardous waste generated in the State of New York. This form ensures that New York State generators comply with the notification requirements of 6 NYCRR Part 376. All New York State generators shipping PCB waste which is a New York State regulated hazardous waste must check the box and indicate the applicable waste code below.

☐ CHECK HERE The waste associated with the above manifest includes New York State Regulated PCB Waste which is land restricted in the State of New York and is subject to 6 NYCRR Part 376.4(f). This waste shall be disposed of in accordance with 40 CFR Part 761. Pursuant to 376.4(f)(1)(i), B002 waste from any source other than a spill may not be stabilized or mixed with any other substance to conform with any provision of 40 CFR Part 761 regarding land disposal if the disposal occurs in the State of New York.

Check all which apply: ☐ B001 ☐ B002 ☐ B003 ☐ B004 ☐ B005

☐ B006* (see below)

☒ B007* (see below)

- Generators are required to certify that their B006 and/or B007 waste can be land disposed in accordance with 40 CFR Part 761 without further treatment if:
 - a. The waste is a B006, and is a transformer which has been drained and flushed pursuant to 40 CFR 761.60(b)(1)(i)(B), or
 - b. The waste is a B007 and does not contain PCBs which have been deliberately solidified.

☐ CHECK HERE If the B006 and/or B007 waste associated with this manifest conforms to either "a" or "b"

and is intended for land disposal, and sign this form at the top of the page. In accordance with 6 NYCRR Part 376.1(g)(1)(ii) the generator makes the following certification:

"I certify under penalty of law that I personally have examined and am familiar with the waste, through analysis and testing or through knowledge of the waste, to support this certification that the waste complies with the treatment standards specified in Part 376, section 376.4 and all applicable prohibitions set forth in subdivision 376.3(b) of Part 376 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

ATTACHMENT D

Groundwater Sampling Log



Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	EXMW-34		Date	2/10/2022	
Project No.	30055713					Weather	Cloudy at 41°F	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)		Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	16.67'	Static Water Level (ft-bmp)	2.19'	Water Column in Well (ft.)	14.48'	Gallons in Well	2.46	
MP Elevation		Pump Intake (ft-bmp)		Volumes Purged	2.0	Gallons Purged	5.00	
Sample Method	Grab	Pump On/Off	1452 / 1622	Sample Time	Label 1613 Start 1616 End 1620	Purge Method		
Replicate/Code No.		Sampled By	JM/JW			Centrifugal		
						Submersible		
						Disp. Bailer	X	
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1452	0		2.19	0.0	5.36	0.446	27.7	13.25	5.52	243	Clear	None
1458	6		6.47	0.3	7.06	0.501	41.3	11.11	6.88	222	Faint orange	None
1501	9		11.84	1.4	7.06	0.501	41.3	11.11	6.88	222	Faint orange	None
1506	14		16.61	2.5	7.15	0.543	454	11.58	7.61	163	Cloudy	None
1513	21		15.57	2.7	7.20	0.636	>1,000	11.65	8.67	172	Cloudy	None
1554	62		7.00	3.3	7.18	0.543	14.6	11.26	7.64	181	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS	1 Liter Plastic	1	None
1,4-Dioxane	1 Liter Amber	2	None
VOCs	40 mL vials	3	HCL
TAL Metals w/ Mercury	250 mL Plastic	1	Nitric
PCBs	1 Liter Amber	2	None
TSS	1 Liter Plastic	1	None
TDS	1 Liter Plastic	1	None

Well Information

Well Location:	Approximately 75-100' south of MW-5	Well Locked at Arrival:	No
Condition of Well:	Rusted protective casing	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	Not Applicable

NOTES: Black suspended solids observed at 1506 to 1557.

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

TABLES



Table 1. February 2022 Treatment System Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

Location	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Fort Edward SPDES Equivalency Permit Limit	Polishing Pond Effluent
Date	2/15/2022	2/15/2022	2/15/2022	2/15/2022		2/15/2022
Volatile Organic Compounds (µg/L)						
ACETONE	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U
BENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
BROMODICHLOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
BROMOFORM	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
BROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
2-BUTANONE (MEK)	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U
CARBON DISULFIDE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CARBON TETRACHLORIDE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CHLORODIBROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	20	1.0 U
CHLOROFORM	1.0 U	1.0 U	1.0 U	1.0 U	150	1.0 U
CHLOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CYCLOHEXANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,2-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,3-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,4-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
DICHLOROBROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
DICHLORODIFLUOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1-DICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	30	1.0 U
1,2-DICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1-DICHLOROETHENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CIS-1,2-DICHLOROETHENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,2-DICHLOROETHENE (TOTAL)	1.0 U	1.0 U	1.0 U	1.0 U	30	1.0 U
1,2-DICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
CIS-1,3-DICHLOROPROPENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TRANS-1,3-DICHLOROPROPENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
2-HEXANONE	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U
ISOPROPYLBENZENE (CUMENE)	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
METHYL ACETATE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
METHYL TERT-BUTYL ETHER (MTBE)	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
METHYL CYCLOHEXANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
METHYLENE CHLORIDE	1.0 U	1.0 U	1.0 U	1.0 U	50	1.0 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U
STYRENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1,1,2-TETRACHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TETRACHLOROETHENE (PCE)	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TOLUENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,2,4-TRICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1,2-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TRICHLOROETHENE (TCE)	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
TRICHLOROFLUOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U
VINYL CHLORIDE	1.0 U	1.0 U	1.0 U	1.0 U	50	1.0 U
XYLENES, TOTAL	3.0 U	3.0 U	3.0 U	3.0 U	--	3.0 U
TOTAL VOCs	ND	ND	ND	ND	--	ND

Notes:
Constituents detected above the Fort Edward State Pollution Discharge Elimination System (SPDES) Equivalency Permit at the Polishing Pond Effluent are highlighted in yellow.
"--" - Value does not exist for analyte.
1,2-dichloroethene (total) is the sum of cis-1,2,-dichloroethene and trans-1,2-dichloroethene.

Definitions:
µg/L - micrograms per liter.
ND - Non-detect.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1. February 2022 Treatment System Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

Location	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Fort Edward SPDES Equivalency Permit Limit	Polishing Pond Effluent
Date	2/15/2022	2/15/2022	2/15/2022	2/15/2022		2/15/2022
Polychlorinated Biphenyls (µg/L)						
PCB-1016 (AROCOR 1016)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
PCB-1221 (AROCOR 1221)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
PCB-1232 (AROCOR 1232)	0.46	0.37	0.12	0.061 U	--	0.061 U
PCB-1242 (AROCOR 1242)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
PCB-1248 (AROCOR 1248)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
PCB-1254 (AROCOR 1254)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
PCB-1260 (AROCOR 1260)	0.061 U	0.061 U	0.061 U	0.061 U	--	0.061 U
Metals (mg/L)						
ALUMINUM	2.73	1.24	0.2 U	0.2 U	--	0.2 U
ANTIMONY	0.06 U	0.06 U	0.06 U	0.06 U	--	0.06 U
ARSENIC	0.01 U	0.01 U	0.01 U	0.01 U	0.15	0.01 U
BARIUM	0.2 U	0.2 U	0.2 U	0.2 U	3.5	0.2 U
BERYLLIUM	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U
CADMIUM	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.001	0.0025 U
CALCIUM	79.6	77.5	102	108	--	104
CHROMIUM, TOTAL	0.01 U	0.01 U	0.01 U	0.01 U	0.21	0.01 U
COBALT	0.05 U	0.05 U	0.05 U	0.05 U	0.005	0.05 U
COPPER	0.025 U	0.025 U	0.025 U	0.025 U	0.024	0.025 U
IRON	17	4.68	1.74	6.66	0.3	1.05
LEAD	0.005 U	0.005 U	0.005 U	0.005 U	0.0032	0.005 U
MAGNESIUM	19.1	18.6	18.4	19.5	--	20.7
MANGANESE	1.52	1.51	0.68	1.15	--	0.444
MERCURY	0.0002 U	0.0002 U	0.0002 U	0.00021	0.0008	0.0002 U
NICKEL	0.04 U	0.04 U	0.04 U	0.04 U	0.0096	0.04 U
POTASSIUM	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U
SELENIUM	0.01 U	0.01 U	0.01 U	0.01 U	--	0.01 U
SILVER	0.01 U	0.01 U	0.01 U	0.01 U	--	0.01 U
SODIUM	44.9	44.5	44.5	45.4	--	51.5
THALLIUM	0.01 U	0.01 U	0.01 U	0.01 U	--	0.01 U
VANADIUM	0.05 U	0.05 U	0.05 U	0.05 U	0.014	0.05 U
ZINC	0.02 U	0.02 U	0.02 U	0.02 U	0.17	0.02 U
Conventional Chemistry (mg/L)						
TOTAL DISSOLVED SOLIDS	423	350	444	458	500	482
TOTAL SUSPENDED SOLIDS	46	26	12	24	50	10

Notes:
Constituents detected above the Fort Edward State Pollution Discharge Elimination System (SPDES) Equivalency Permit at the Polishing Pond Effluent are highlighted in yellow.

--" - Value does not exist for analyte.

1,2-dichloroethene (total) is the sum of cis-1,2,-dichloroethene and trans-1,2-dichloroethene.

Definitions:

mg/L - milligrams per liter.

µg/L - micrograms per liter.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 2. EXMW-34 Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

Location	NYSDEC Class GA Standard	EXMW-34
Date		2/10/2022
Volatile Organic Compounds (µg/L)		
ACETONE	50	5.0 U
BENZENE	1.0	1.0 U
BROMODICHLOROMETHANE	50	1.0 U
BROMOFORM	50	1.0 U
BROMOMETHANE	5.0	1.0 U
2-BUTANONE (MEK)	50	5.0 U
CARBON DISULFIDE	60	1.0 U
CARBON TETRACHLORIDE	5.0	1.0 U
CHLOROBENZENE	5.0	1.0 U
CHLORODIBROMOMETHANE	50	1.0 U
CHLOROETHANE	5.0	1.0 U
CHLOROFORM	7.0	1.0 U
CHLOROMETHANE	5.0	1.0 U
CYCLOHEXANE	--	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	1.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.0006	1.0 U
1,2-DICHLOROBENZENE	3.0	1.0 U
1,3-DICHLOROBENZENE	3.0	1.0 U
1,4-DICHLOROBENZENE	3.0	1.0 U
DICHLOROBROMOMETHANE	--	1.0 U
DICHLORODIFLUOROMETHANE	5.0	1.0 U
1,1-DICHLOROETHANE	5.0	1.0 U
1,2-DICHLOROETHANE	0.6	1.0 U
1,1-DICHLOROETHENE	5.0	1.0 U
CIS-1,2-DICHLOROETHENE	5.0	1.0 U
TRANS-1,2-DICHLOROETHENE	5.0	1.0 U
1,2-DICHLOROETHENE (TOTAL)	--	1.0 U
1,2-DICHLOROPROPANE	1.0	1.0 U
CIS-1,3-DICHLOROPROPENE	0.4	1.0 U
TRANS-1,3-DICHLOROPROPENE	0.4	1.0 U
ETHYLBENZENE	5.0	1.0 U
2-HEXANONE	50	5.0 U
ISOPROPYLBENZENE (CUMENE)	5.0	1.0 U
METHYL ACETATE	--	1.0 U
METHYL TERT-BUTYL ETHER (MTBE)	10	1.0 U
METHYL CYCLOHEXANE	--	1.0 U
METHYLENE CHLORIDE	5.0	1.0 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	--	5.0 U
STYRENE	5.0	1.0 U
1,1,1,2-TETRACHLOROETHANE	5.0	1.0 U
TETRACHLOROETHENE (PCE)	5.0	1.0 U
TOLUENE	5.0	1.0 U
1,2,4-TRICHLOROBENZENE	5.0	1.0 U
1,1,1-TRICHLOROETHANE	5.0	1.0 U
1,1,2-TRICHLOROETHANE	1.0	1.0 U
TRICHLOROETHENE (TCE)	5.0	1.0 U
TRICHLOROFLUOROMETHANE	5.0	1.0 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.0	1.0 U
VINYL CHLORIDE	2.0	3.2
XYLENES, TOTAL	5.0	2.4
TOTAL VOCs	--	5.6

Notes:

Constituents detected above the New York State Department of Environmental Conservation Groundwater Standard and Guidance Value (NYSDEC Class GA GW Standard) are in yellow.

"--" - Value does not exist for analyte.

1,2-dichloroethene (total) is the sum of cis-1,2,-dichloroethene and trans-1,2-dichloroethene.

Definitions:

µg/L - micrograms per liter.

NYSDEC - New York State Department of Conservation.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 2. EXMW-34 Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

Location	NYSDEC Class GA Standard	EXMW-34
Date		2/10/2022
Polychlorinated Biphenyls (µg/L)		
PCB-1016 (AROCOR 1016)	--	0.063 U
PCB-1221 (AROCOR 1221)	--	0.063 U
PCB-1232 (AROCOR 1232)	--	0.063 U
PCB-1242 (AROCOR 1242)	--	0.063 U
PCB-1248 (AROCOR 1248)	--	0.063 U
PCB-1254 (AROCOR 1254)	--	0.063 U
PCB-1260 (AROCOR 1260)	--	0.063 U
Total PCBs	0.09	ND
Metals (mg/L)		
ALUMINUM	--	1.26
ANTIMONY	0.003	0.06 U
ARSENIC	0.025	0.01 U
BARIUM	1.0	0.257
BERYLLIUM	0.003	0.005 U
CADMIUM	0.005	0.0025 U
CALCIUM	--	116
CHROMIUM, TOTAL	0.05	0.01 U
COBALT	--	0.05 U
COPPER	0.2	0.025 U
IRON	0.3	3.16
LEAD	0.025	0.005 U
MAGNESIUM	35	48.9
MANGANESE	0.3	1.23
MERCURY	0.0007	0.0002 U
NICKEL	0.1	0.04 U
POTASSIUM	--	5.0 U
SELENIUM	0.01	0.01 U
SILVER	0.05	0.01 U
SODIUM	20	73.9
THALLIUM	0.0005	0.01 U
VANADIUM	--	0.05 U
ZINC	2.0	0.02 U
Conventional Chemistry (mg/L)		
TOTAL DISSOLVED SOLIDS	--	672
TOTAL SUSPENDED SOLIDS	--	66.4

Notes:

Constituents detected above the New York State Department of Environmental Conservation Groundwater Standard and Guidance Value (NYSDEC Class GA GW Standard) are in yellow.

"--" - Value does not exist for analyte.

Definitions:

mg/L - milligrams per liter.

µg/L - micrograms per liter.

ND - Non-detect.

NYSDEC - New York State Department of Conservation.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 2. EXMW-34 Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

Location	NYSDEC Class GA Standard	USEPA Lifetime Health Advisory	EXMW-34
Date			2/10/2022
Perfluorinated Alkyl Substance (ng/L)			
PERFLUOROBUTANOIC ACID (PFBA)	100	--	25
PERFLUOROPENTANESULFONIC ACID (PFPeS)	--	--	1.8 U
PERFLUOROPENTANOIC ACID (PFPeA)	100	--	23
PERFLUOROBUTANESULFONIC ACID (PFBS)	100	--	2.1
PERFLUOROHXANESULFONIC ACID (PFHxS)	100	--	5.3
PERFLUORO-1-BUTANESULFONAMIDE (FBSA)	--	--	1.8 U
PERFLUORO-1-HEXANESULFONAMIDE (FHxSA)	--	--	1.8 U
PERFLUORO-4-OXAPENTANOIC ACID (PFMPA)	--	--	1.8 U
PERFLUORO-5-OXAHEXANOIC ACID (PFMBA)	--	--	1.8 U
PERFLUOROHXANOIC ACID (PFHxA)	100	--	60
PERFLUOROHEPTANESULFONIC ACID (PFHpS)	100	--	1.8 U
PERFLUOROHEPTANOIC ACID (PFHpA)	100	--	14
PERFLUOROOCTANOIC ACID (PFOA)	10	70	86
PERFLUOROOCTANESULFONIC ACID (PFOS)	10	70	2.1
PERFLUORONONANOIC ACID (PFNA)	100	--	1.8 U
PERFLUORONONANESULFONIC ACID (PFNS)	--	--	1.8 U
PERFLUORODECANOIC ACID (PFDA)	100	--	1.8 U
PERFLUOROUNDECANOIC ACID (PFUnA)	100	--	1.8 U
PERFLUORODODECANOIC ACID (PFDoA)	100	--	1.8 U
PERFLUOROTRIDECANOIC (PFTriA)	100	--	1.8 U
PERFLUOROTETRADECANOIC ACID (PFTeA)	100	--	1.8 U
PERFLUORODECANESULFONIC ACID (PFDS)	100	--	1.8 U
PERFLUOROOCTANESULFONAMIDE (FOSA)	100	--	1.8 U
N-METHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID (NMeFOSAA)	100	--	1.8 U
N-ETHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID (NEtFOSAA)	100	--	1.8 U
11CI-PF3OUdS (F53B Minor)	--	--	1.8 U
9CI-PF3ONS (F53B Major)	--	--	1.8 U
4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)	--	--	1.8 U
HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)	--	--	1.8 U
PERFLUORO(2-ETHOXYETHANE)SULFONIC ACID (PFEEESA)	--	--	1.8 U
NONAFLUORO-3,6-DIOXAHEPTANOIC ACID (NFDHA)	--	--	1.8 U
1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (4:2)	--	--	1.8 U
1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2)	100	--	1.8 U
1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2)	100	--	1.8 U
TOTAL PFOA + PFOS	--	70	88.1
TOTAL PFAS	500	--	226.5
1,4-Dioxane (µg/L)			
1,4-DIOXANE	1.0	--	28

Notes:

Constituents detected above the New York State Department of Environmental Conservation Groundwater Standard and Guidance Value (NYSDEC Class GA GW Standard) are in yellow.

Constituents detected above the United States Environmental Protection Agency (USEPA) Lifetime Health Advisory are highlighted in **bold**.

"--" - Value does not exist for analyte.

Definitions:

µg/L - micrograms per liter.

ng/L - nanograms per liter

NYSDEC - New York State Department of Conservation.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

USEPA - United States Environmental Protection Agency.

Arcadis of New York, Inc.

855 Route 146

Suite 210

Clifton Park, New York 12065

Tel 518 250 7300

Fax 518 371 2757

www.arcadis.com