

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:

June 2022 Monthly Report Fort Edward Landfill NYSDEC Site No. 558001 Contract No. D009804-7

Date:

September 27, 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 June 2022 reporting period at the above-referenced site.

Phone:

Fmail:

518.250.7300

andy.vitolins@arcadis.com

LEACHATE COLLECTION AND TREATMENT SYSTEM OPERATION AND MAINTENANCE

System Performance

A total of 721,122 gallons of leachate were collected and treated through the system during June 2022. The monthly average total leachate recovery rate for leachate extraction wells EW-2, EW-3, and leachate collection well EW-4 was approximately 16.7 gallons per minute (gpm). Leachate recovery well RW-1 is not operated because the current treatment system is not designed to treat volatile organic compounds (VOCs) or polychlorinated biphenyls (PCBs).

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

Our ref: 30055713

NYSDEC Site No. 558001 Payson Long September 27, 2022

Weekly O&M Log (Attachment B) was completed to record system readings and document system performance.

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

- Iron and solids sludge processing was performed throughout the month. Two 55-gallon drums of Filter Sludge were generated during June 2022.
- Mowed all brush on and around landfill using brush hog.
- Cleared brush around landfill vents, piezometers, groundwater monitoring wells, extraction well stations, constructed wetland treatment systems (CWTS), and landfill perimeter fences.
- Removed vegetation (brush and trees) and debris from the mid-cap and northern perimeter swales.
- Excavated accumulated sediment from approximately 100-feet of the mid-cap swale. The excavated material was placed in the Cell 1 drying bed.
- Placed and graded approximately 15 cubic yards (yd³) of new rip-rap in the mid-cap swale. Rip-rap
 was obtained from Peckham Materials, a New York State Department of Transportation (NYSDOT) approved aggregate source.
- Collected routine monthly and quarterly treatment system samples.

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

SYSTEM SAMPLING

Monthly water samples were collected by Arcadis on June 28, 2022 from the following treatment system locations:

- Influent (i.e., combined flow from extraction wells 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).

Samples were also collected from extraction wells EW-1, EW-2, EW-3, leachate collection well EW-4, and 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 third quarter 2022.

The samples were submitted to Con-Test/Pace Analytical for analysis of Target Compound List (TCL) VOCs, 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 EQuIS EDD format.

System Analytical Results

During the June 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

NYSDEC Site No. 558001 Payson Long September 27, 2022

the Polishing Pond Effluent sampling location. Additional details of the system analytical results are provided below.

VOCs

As shown in Table 1, VOCs were detected in the EW-1, EW-2, and EW-3 samples. VOCs were not detected greater than the respective compound quantitation limits in the remaining seven samples.

PCBs

PCB Aroclor 1016 was detected in the EW-1 sample (783 μ g/L, estimated). PCB Aroclor 1221 was detected in EW-3 (1.43 μ g/L), EW-4 (0.431 μ g/L), Influent (0.592 μ g/L), and Clarifier Catch (0.709 μ g/L) samples. No other PCBs were detected at concentrations greater than their respective reporting limits during the June 2022 monthly sampling event. There are currently no criteria for PCBs in the Fort Edward SPDES Permit Limits.

Metals

Iron concentrations ranged from a minimum of 0.17 milligrams per liter (mg/L) (Cell-1) to a maximum of 120 mg/L (EW-3). The PPE iron concentration of 4.1 mg/L exceeded the Fort Edward SPDES Equivalency Permit Limit of 0.3 mg/L. There were no other metal concentrations from the monthly samples which exceeded the Fort Edward SPDES Equivalency Permit Limits in June 2022. Additional metal concentrations are shown on Table 1.

Conventional Chemistry

As shown on Table 1, TDS concentrations ranged from 340 mg/L (Clarifier Catch) to 730 mg/L (EW-2), and TSS concentrations ranged from 2.4 mg/L (Cell 1 Effluent) to 350 mg/L (EW-3). During the May 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.

NEXT REPORTING PERIOD PLANNED ACTIVITIES

The following activities are anticipated for July 2022:

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

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

Sincerely,

Arcadis of New York, Inc.

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

Table 1 – June 2022 Treatment System Analytical Data

ATTACHMENT A NYSDEC Daily Inspection Reports

Report No. 103 Fort Edward Landfill - NYSDEC Site No. 558001

NYSDEC

Division of Environmental Remediation





NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

Consultant Site Inspectors: Jeremy

Wyckoff, Todd Carignan

Site Location: Hudson Falls, New York

Weather Conditions					
General Description Sunny AM Sunny PM					
Temperature	68 °F	AM	77 °F	PM	
Wind	7 MPH WNW	AM	4 MPH W	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 X	7	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No		NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	7	NA

Health & Safety Comments

None at this time.

Summary of Work PerformedArrived at site:0710Departed Site:1730

- Cleared brush around landfill vents, piezometers, and mid-cap swale south of LP-2.
- Removed vegetation, debris, and sediment from mid-cap swale, cleared down to geofabric.
- Transported the removed debris to Cell 1 Drying Bed.
- Placed new rip-rap and re-graded to cover geofabric in the mid-cap swale.
- Noted beaver activity nearby the southern Unnamed Pond.

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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	Χ

Personnel and Equipment

Individual	Company	Trade	Total Hours
Jeremy Wyckoff	Arcadis	Geologist	10.3
Todd Carignan	Arcadis	Engineer	6.0
Doug Richmond	Arcadis	Field Supervisor	5.0

	l		
Equipment Description	Contractor/Vend	lor Quantity	Used
Takevchi TB230 Mini Excavator	United Rentals	1	6.0 hours
Bobcat T550 Track Loader	Sunbelt Rentals	s 1	4.0 hours

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
Light stone fill rip-rap	6/1/2022	N/A	N/A	N/A	1	21.5

Equipment/Material Tracking Comments:

None at this time.

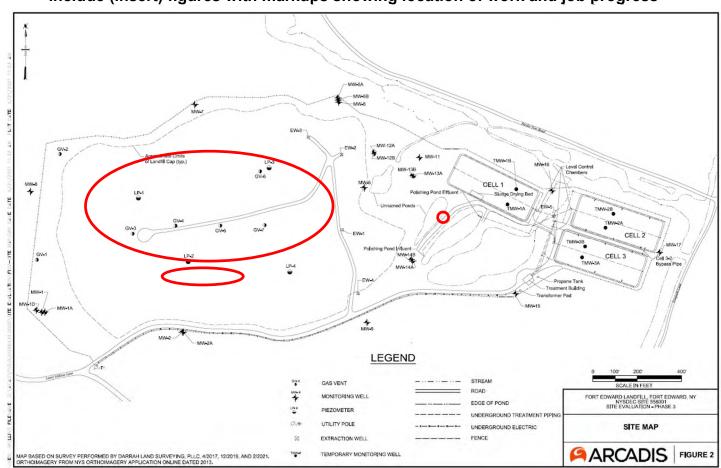


Date: 6/2/2022

Report No. 103 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/2/2022

Name	Re	presenting	Entered Exclusion/CRZ	
			Yes	No
Site Representatives	•		<u>.</u>	
Name		Representing		
Project Schedule Comments		<u>!</u>		
None at this time.				
Issues Pending				
None at this time.				
Interaction with Public, Property	Owners, Media, e	tc.		
None at this time.				

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



Red outlined areas indicate the locations of work performed on June 2nd, 2022.



Site Photographs (Descriptions Below)

Page **3** of **4**

Date: 6/2/2022

Report No. 103 Fort Edward Landfill - NYSDEC Site No. 558001





Date: 6/2/2022

View of excavated mid-cap swale.

View of new rip-rap in mid-cap swale.

Comments

None at this time.

Site Inspector(s): Jeremy Wyckoff, Todd Carignan

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

Report No. 103 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/2/2022

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REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
If \	es to <u>any</u> of 1-4 above:		
•	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	Yes □	No □
	precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.		
	mments:	•	•
No	ne at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

Report No. 104 Fort Edward Landfill - NYSDEC Site No. 558001

NYSDEC

NEW YORK STATE Environmental Conservation



0720

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

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Date: 6/3/2022

Consultant Site Inspectors: Jeremy

Wyckoff, Todd Carignan

Division of Environmental Remediation

Weather Conditions					
General Description Sunny AM Sunny PM					
Temperature	65 °F	AM	73 °F	PM	
Wind	9 MPH SSW	AM	11 MPH WNW	PM	

Health & Safety

If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Arrived at aita:

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site.	0730	Departed Site.	1430

- Cleared large trees around the northern perimeter swale and MW-7 using chainsaw and excavator. Staged cut trees near the perimeter swale until a woodchipper is available.
- Removed vegetation, debris, and sediment from the northern perimeter swale.
- Mowed select areas around the Constructed Wetland Treatment System (CWTS) where wild parsnip was observed.
- Staged rental equipment nearby access gate for pick-up.

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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	Χ

Personnel and Equipment

Individual

Jeremy Wyckoff	Arcadis	Geologist	7.0
Doug Richmond	Arcadis	Field Supervisor	7.0

	J.		
Equipment Description	Contractor/Vendor	Quantity	Used
Takevchi TB230 Mini Excavator	United Rentals	1	2.8 hours
Bobcat T550 Track Loader	Sunbelt Rentals	1	1.4 hours

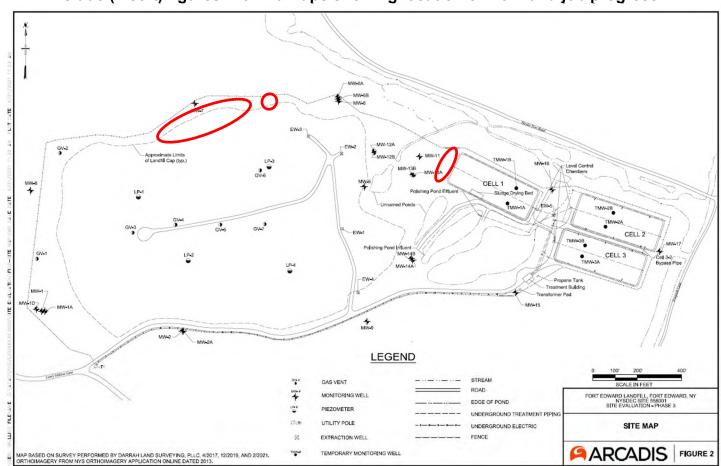
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

None at this time.

Visitors to Site					
Name	Representing	Entered Exclusion/CRZ Zone			
		Yes	No		
		Yes	No		
		Yes	No		
		Yes	No		
Site Representatives		·			
Name	Representing	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 locations of work performed on June 3rd, 2022.



Date: 6/3/2022

DAILT INSPECTION REPORT

Site Photographs (Descriptions Below)





View of large trees removed from the northern perimeter swale.

View of cut tree staging area.

Comments

None at this time.

Site Inspector(s): Jeremy Wyckoff, Doug Richmond

Date: 6/3/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

Report No. 104 Fort Edward Landfill - NYSDEC Site No. 558001

REMEDIAL ACTIVITIES AT PROPERTIES

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Date: 6/3/2022

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
If Y	If it is not 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 is 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 □	No □
_	omments: one at this time.		
	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

Report No. 105 Fort Edward Landfill - NYSDEC Site No. 558001 6/7/2022 Date:

NYSDEC

Division of Environmental Remediation





Site Location: Hudson Falls, New York

Weather Conditions						
General Description Sunny AM Sunny PM						
Temperature	71 °F	AM	80 °F	PM		
Wind	0 MPH	AM	15 MPH S	PM		

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

Consultant Site Inspectors: Patrick Harrington

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HCU		u	υu	ICLV

If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No	X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No		NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No	Х	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0845	Departed Site:	1645
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- Completed blowdown, cake discharge and subsequent pre-fill and onstream of the Filter Press.
- Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank.
- Containerized one 55-gallon drum of Filter Press Filter Sludge.
- Applied grass seed and straw around area of excavation at mid-cap swale.
- Performed routine housekeeping and chemical inspection within the Treatment System Building.
- Competed non-routine Treatment System sampling for iron analyses.

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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	Χ
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Patrick Harrington	Arcadis	Geologist	8.0
Equipment Description	Contractor/Vend	dor Qua	ntity Used

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)*

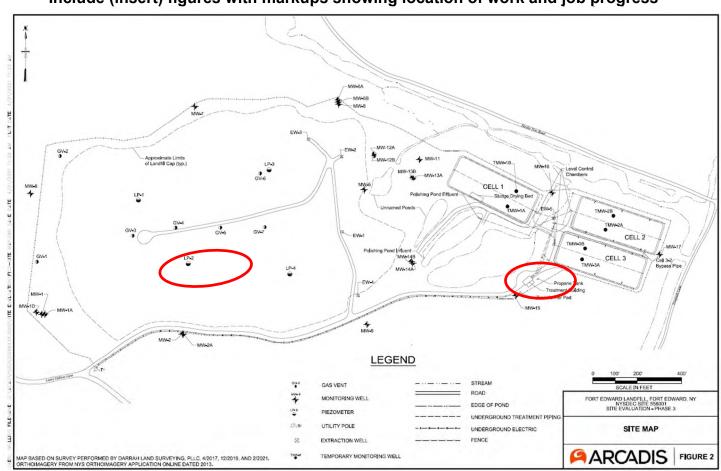
Equipment/Material Tracking Comments:

None at this time.

Date: 6/7/2022

Name	Representing	Entered	Exclusion/CRZ Zone	
		Yes	No	
Site Representatives	·	<u> </u>		
Name	Representing			
Project Schedule Comments	<u>'</u>			
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 locations of work performed on June 7th, 2022.



Report No. 105 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/7/2022

Site Photographs (Descriptions Below)





View of dried/processed Filter Sludge in the Filter Press.

View of landfill where grass seed was applied.

Date: 6/7/2022

Comments

None at this time.

Site Inspector(s): Patrick Harrington

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

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Report No. 105 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/7/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
If \	∕es to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	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.		
	omments:		
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

6/14/2022

NYSDEC

Division of Environmental Remediation





D009804 Superintendent:

NYSDEC PM: Payson Long

NYSDEC Contract No.

Date:

Consultant PM: Andy Vitolins, P.G.

Consultant Site Inspectors: Patrick Harrington

Site Location: Hudson Falls, New York

Weather Conditions					
General Description	Sunny	AM	Sunny	PM	
Temperature	62 °F	AM	76 °F	PM	
Wind	0 MPH	AM	13 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 X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0900	Departed Site:	1735
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- Completed prefill and partial onstream of the Filter Press.
- Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank.
- Cleaned new sump of excess sediment and debris.
- Mowed grass around the Treatment System Building, access roads, and extraction wells.
- Identified leak on the gas feed from the propane tank. Valve from the tank was closed until the leak is repaired.
- 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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	Χ
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	X

Personnel and Equipment

Individual	Company	Trade		Total Hours		
Patrick Harrington	Arcadis	Geologist		Geologist		8.6
			-			
Equipment Description	Contractor/Vendor		Quantity	Used		

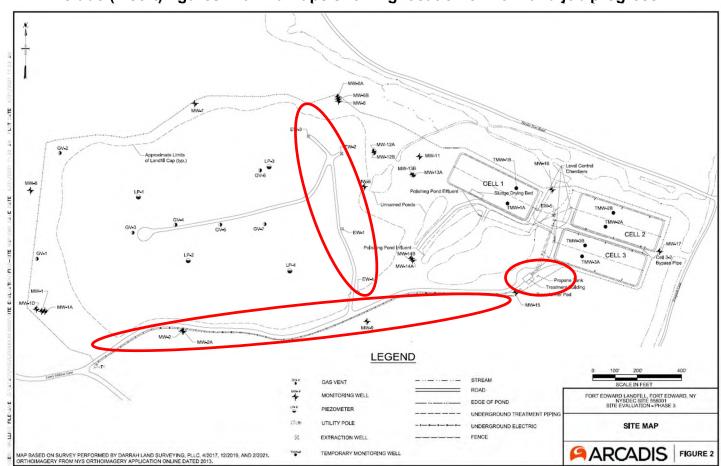
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

None at this time.

Visitors to Site					
Name	Representing	Entered	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 locations of work performed on June 14th, 2022.





Report No. 106 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/14/2022

Site Photographs (Descriptions Below)





View of dried/processed Filter Sludge in the Filter Press.

View of IPC plates prior to cleaning.

Date: 6/14/2022

Comments

None at this time.

Site Inspector(s): Patrick Harrington

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

Page **4** of **4**

Report No. 106 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/14/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
lf \	Yes to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	If it is 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.		
_	omments:		
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

Report No. 107 Fort Edward Landfill - NYSDEC Site No. 558001

ite No. 558001 Date: 6/21/2022

NYSDEC

Division of Environmental Remediation





Sup

Site Location: Hudson Falls, New York

Weather Conditions				
General Description	Cloudy	AM	Cloudy	PM
Temperature	57 °F	AM	65 °F	PM
Wind	0 MPH	AM	0 MPH	PM

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G. Consultant Site Inspectors: Patrick

Page 1 of 4

Harrington, Jason Gutowski

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	X	NA	
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No		NA	X
Were there any nuisance issues reported/observed on this date?	*Yes	No	Χ	NA	

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0750	Departed Site:	1910
---------------------------	------------------	------	----------------	------

- Restarted system following power failure.
- Teal's truck on-site to deliver two 55-gallon drums of Aries 2130.
- Completed prefill and partial onstream of the Filter Press.
- Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank.
- Containerized one 55-gallon drum of Filter Press Filter Sludge.
- Cleared brush on landfill using brush hog.
- 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 X	NA
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Patrick Harrington	Arcadis	Geologist	10.25
Jason Gutowski	Arcadis	Field Tech	11.2

 Equipment Description
 Contractor/Vendor
 Quantity
 Used

 Skid Steer
 Bobcat of Saratoga
 1
 10 hrs

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
Aries 2130	2 Drums	N/A	N/A	N/A	N/A	0.54

Equipment/Material Tracking Comments:

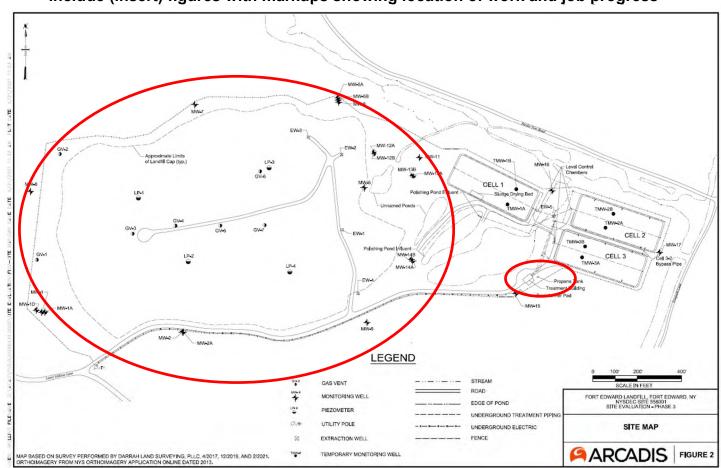
None at this time.



Date: 6/21/2022

Visitors to Site				
Name	Representing		Entered Exclusion/CR2	
			Yes	No
Site Representatives			•	<u> </u>
Name		Representing		
Project Schedule Comments		<u>'</u>		
None at this time.				
Issues Pending				
None at this time.				
Interaction with Public, Property Ow	vners, Media, e	tc.		
None at this time.				

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



Red outlined areas indicate the locations of work performed on June 21st, 2022.



Report No. 107 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/21/2022

Site Photographs (Descriptions Below)





View of IPC plates prior to cleaning.

View of CO FD-7 post brush removal.

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Jason Gutowski

Date: 6/21/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

Page **4** of **4**

Report No. 107 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/21/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
lf \	Yes to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	If it is 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.		
_	omments:		
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

Report No. 108 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/22/2022

NYSDEC

Division of Environmental Remediation





Site Location: Hudson Falls, New York

Weather Conditions				
General Description	Cloudy	AM	Cloudy	PM
Temperature	60 °F	AM	63 °F	PM
Wind	12 MPH SE	AM	0 MPH	PM

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

Consultant Site Inspectors: Patrick Harrington, Jason Gutowski

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	X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No		NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No	Х	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0455	Departed Site:	1820
---------------------------	------------------	------	----------------	------

- Cleared brush around landfill and constructed wetland treatment cells (CWTS).
- Removed cut trees from mid-cap swale staging area.
- Cleared branches overhanging landfill perimeter fence.
- Completed onstream of the 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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Patrick Harrington	Arcadis	Geologist	10.25
Jason Gutowski	Arcadis	Field Tech	13.4

			L
Equipment Description	Contractor/Vend	lor Quanti	ty Used
Skid Steer	Bobcat of Sarato	ga 1	9.0 hours

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

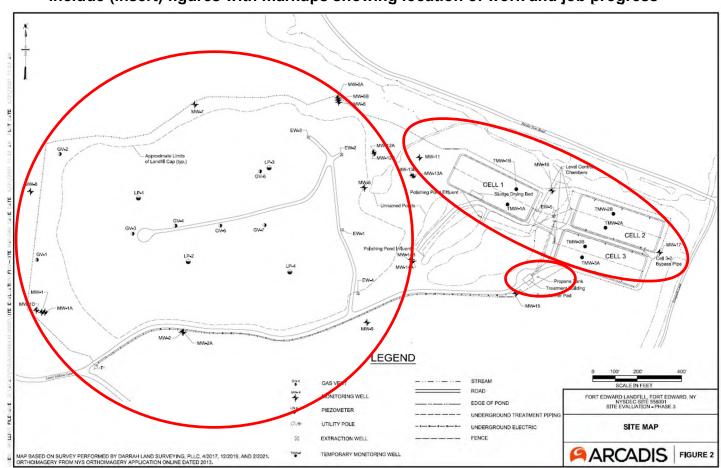
Equipment/Material Tracking Comments:

None at this time.

Date: 6/22/2022

Name	Representing	Entered	Exclusion/CRZ Zone
		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 locations of work performed on June 22nd, 2022.





Site Photographs (Descriptions Below)

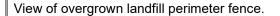




View of small trees growing in swale before removal.









View after removing overgrown vegetation from landfill perimeter fence.

Date: 6/22/2022

Comments

None at this time.

Site Inspector(s): Patrick Harrington, Jason Gutowski

Date: 6/22/2022

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.	•	

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
If \	Yes to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	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.	100 🗆	110 🗆
Co	omments:		1
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time			

Report No. 109 Fort Edward Landfill - NYSDEC Site No. 558001

NYSDEC

Division of Environmental Remediation





Site Location: Hudson Falls, New York

Weather Conditions					
General Description Sunny AM Sunny PI					
Temperature	61 °F	AM	71 °F	PM	
Wind	6 MPH S	AM	6 MPH SW	PM	

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

Date: 6/23/2022

Consultant Site Inspectors: Jason

Gutowski

Health	ጲ	Sa	fotv
Health	Œ	Ja	IGLV

If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0600	Departed Site:	1000
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- Finished clearing brush around landfill and drainage swales.
- Finished tree removal from landfill drainage swales.

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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA)	K
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA)	X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Jason Gutowski	Arcadis	Field Tech	4.0
Equipment Description	Contractor/Vend	dor Quantit	v Used

Equipment Description	Contractor/vendor	Quantity	Usea
_			

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

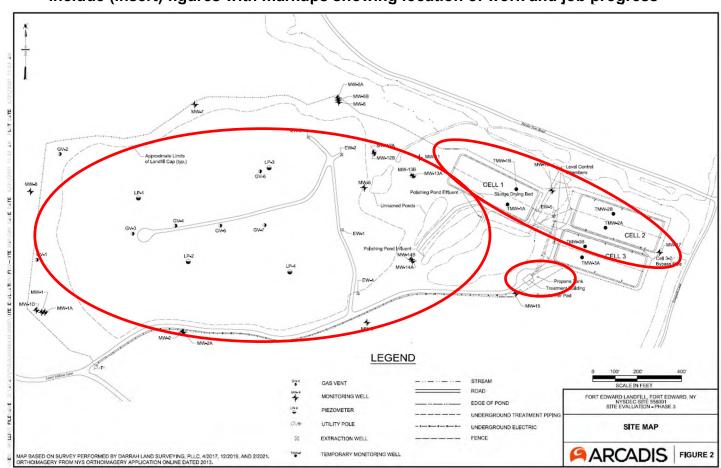
Equipment/Material Tracking Comments:

None at this time.

Report No. 109 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/23/2022

Visitors to Site						
Name	Re	Representing		Entered Exclusion/CRZ Zone		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
Site Representatives			<u>.</u>			
Name		Representing				
Project Schedule Comments		<u> </u>				
None at this time.						
Issues Pending						
None at this time.						
Interaction with Public, Property Ov	vners, Media, e	tc.				
None at this time.						

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



Red outlined areas indicate the locations of work performed on June 23rd, 2022.





Report No. 109 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/23/2022



DAILY HEALTH CHECKLIST

No 🗆 No 🗆
No 🗆
110 🗆
No □
No ⊠
_

Page **4** of **4**

Report No. 109 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/23/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
lf \	Yes to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	If it is 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.		
_	omments:		
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

Report No. 110 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/28/2022

NYSDEC

Division of Environmental Remediation





Site Location: Hudson Falls, New York

Weather Conditions							
General Description Sunny AM Sunny PM							
Temperature	62 °F	AM	75 °F	PM			
Wind	0 MPH	AM	0 MPH	PM			

NYSDEC Contract No. D009804

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: Andy Vitolins, P.G.

Consultant Site Inspector: Patrick

Harrington

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 X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

None at this time.

Summary of Work Performed	Arrived at site:	0850	Departed Site:	2025
---------------------------	------------------	------	----------------	------

- Completed routine monthly and quarterly Treatment System sampling. Sample coolers delivered to Pace Analytical.
- Completed blowdown and cake discharge 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 X	NA	
Were there any vehicles which were not tarped?	* Yes	No	NA	X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA	Х

Personnel and Equipment

Individual	Company	Trade		Total Hours
Patrick Harrington	Arcadis	Geologist		11.5
Equipment Description	Contractor/Vend	lor Qu	uantity	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)*

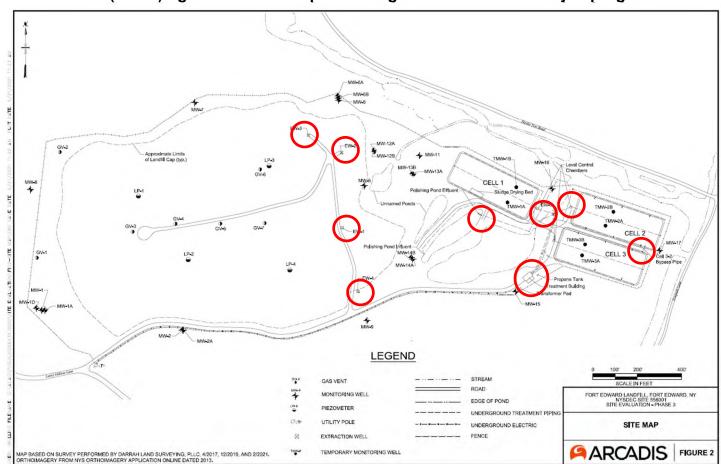
Equipment/Material Tracking Comments:

None at this time.

Report No. 110 Fort Edward Landfill - NYSDEC Site No. 558001

Visitors to Site						
Name	Re	Representing		Entered Exclusion/CRZ Zone		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
Site Representatives			<u>.</u>			
Name		Representing				
Project Schedule Comments		<u> </u>				
None at this time.						
Issues Pending						
None at this time.						
Interaction with Public, Property Ov	vners, Media, e	tc.				
None at this time.						

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



Red outlined areas indicate the locations of work performed on June 28th, 2022.





Report No. 110 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/28/2022

Site Photographs (Descriptions Below)





Date: 6/28/2022

View of dried/processed Filter Sludge in the Filter Press.

View of IPC plates prior to cleaning.

Comments

None at this time.

Site Inspector(s): Patrick Harrington

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ⊠	No □
Is the tail gate safety meeting held outdoors?	Yes ⊠	No □
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ⊠	No □
Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
Are sanitizing wipes, wash stations or spray available?	Yes ⊠	No □
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 □	No ⊠
Comments: None at this time.		

DAILY INSPECTION REPORT

Page 4 of 4

Report No. 110 Fort Edward Landfill - NYSDEC Site No. 558001 Date: 6/28/2022

REMEDIAL ACTIVITIES AT PROPERTIES

1.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
2.	Is anyone at this location isolated or quarantined for COVID-19?	Yes □	No ⊠
3.	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
4.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
5.	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
lf \	Yes to <u>any</u> of 1-4 above:		
•	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.	Yes □	No □
•	If it is 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.		
_	omments:		
No	one at this time.		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No ⊠	N/A□
Were there any odors detected on this date?	Yes □	No ⊠	N/A□
Was noise outside specification and/or above background on this date?	Yes □	No ⊠	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No ⊠	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
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 □	No ⊠	N/A□
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments: None at this time.			

ATTACHMENT B

Arcadis Weekly O&M Logs

Statt PH Date 6/7/27



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

HMI SCREENS				
Extraction Wells	Online (Y/N)	Auto Manual	Flow (gp/n) Level (ft)	(gen)
Pump Status/Flow	EW-1 V	N N	1 5 14006	0
Run pumps in "Manual" in confirm flow if needed	EW-2	7 - 4/	12.42 2.95	9.23
Confirm pumps are operating between setpoints	EW-3	Y	THE ME	NA
Confirm pressure with pump cycling & not high/low	EW-4	V	458 719	1124
If pumps on, is water flowing into IPC (Y/N)?	EVV-5	y N	NA 891	NA
Process - (Check if CK or fill in values)		***************************************		
Chlorine Alarm status (on/off) At 1/4	+2 NH	Auto rotale o	n/oft	-5 d
If on - record chlorine concentration (ppm) -		Discharge po	imp operating	- 1
Operate exhaust fan manually			imp pressure riormal	V
FT-801 reading (GPM) [91.5]	卫	Building (am)		W
Chemical rates normal for flow?	-	Mixers opera	4 -91 20 0 1 20	1/
Catch lank display level=actual?		Other Alarms		-00
Fountion (Check if OK)		24.4.1.2.10		-13
Air compressor pressure in range		Solonolo stal	us correct for operation	-
Deta (Check II OK)	7	aus/icia aiai	as correct for operation	-
Do Delly & Yesterday Starts make sense				
Márme				
All Alarms Enabled (Y/N)				
List any disabled and indicate why	Laken by samely			
Transfer and transfer and	mand destract.			
BUILDING/GROUNDS				
Air Dompressor (Check it OK)	AT 1			
Cycle times normal for load		Check auk	a drain operation	1
Check oil level at least monthly	_		er - alarms? Cycling?	100
Bell.tension			arates with compressor?	12
Unit Heaters (Check IF DK)		100000	07177 W.000740.0KI 24440.	ALC: NO
Thermostats set correctly (50-55 F)		Propane ta	nk levél gléaler than 20%	V 155
Heaters working		7,776-516-51	100000	
IPC (Y/N)			The state of the s	200
IPC discharge clear?		Check sluc	ige ports (Sludge Y/N)	×
Floatables? (take photos if yes)		100(0310)	Upper	0
Coag visibly dosing'i			6 of sludge Min	100
Floo visibly desing?		MI EG	ch part Lower	10 =
Chemical Feed (FfII In values)		The second		1000
345 Sodium Permenganate Height (in) 1/1/1/	mA Signa' 4/77	# of Full Drums Onsile	-1	
2130 Coagulant Height (in) 17 1/	W Stroke Rate 11.7	# of Full Drums Onsite	0	
1668 Flocculari Volume (gal) 715	Stroke Rate 98	# of Full Bags Onsile	i i	
Dosing pumps at normal rate?		Chemicals needed?	Flow Come lang	į.
Floor Stumps (Y/N)				100
Sump levels normal?		Pump runs	but not emptying sump?	100
High-High level switches operate freaty?	(check monthly)	Back flowle	ng after bump cycle?	W
Excessive shudge/sediment?				
Diaphraym pumps (Check if OK) Thick Fe	ed Pressified Flocified			
Proper operation/flow				
Regulators working properly	VV			
Exhaust mulfilers	V			
Fiftel Press (Check If QK).			State State Samuel	400
Hydraulic ram operating normally	-		Soment pads replaced?	N
Hydraulic pressure normal			filled Haz drums onsite?	9
Significant leaks?		How many Haz dru	ms filled & closed loday?	1
General/Housekeeping				27/10
Wipe down dirty equipment/piping	Any leaks?	N	Waste or, ms needed?	-0V
Sweep and/or wash floors	Lights working?	4	Drum labels needed?	N
Fire extinguisher inspection (monthly)	Exit signs working?	7	Removed bash?	N
Sludge in Clarifier Catch Tank?				
Graunds	The state of the s			1 1

Mow/trim around building, structures wells, bollards, control panels and cleanouts Shovel docrways, apply ice mell Confirm gates and doorways locked Clear woody vegetation from swales and cap Look for damage fending/gates Confirm atorage container looked



Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EVV-2	14	11	4"	3	10	25
EVV-3	-20	NA	4	3	10	20
EVV-4	30	20	0	7	10	36
EVV-5	NA.	NA	A.	3	10	20
Olember Onles + 1			Low-Low	Level (off)	Level (on)	High-High
Clarifier Catch Tank			0.5	- 1	2	3,25

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 fair 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	125-127
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 regulator setpoint 90-175 psi 90 psi

Auto drain

On 5 seconds every 5 minutes

Dryer

Display shows "ESA/ON" with dew point level shown on bar scale

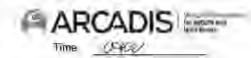
Auto drain operates 5 seconds every minute

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 osi max

		-

Staff	PH	Date	6/14/22
			11 11 11 11



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

HMI SCREENS			de la companya della companya della companya de la companya della	
Extraction Wells	Cintine (YVM)	Aut Manual	Flow (gpm) Lavel (ft)	(psi)
Pump Status/Flow	EW-1 AV	N W	0.77 17,46	0
Run pumps in "Manual" to confirm flow if needed	EW-2 Y	1	19My 320	505
Confirm pumps are operating between setpoints	EW-3	y v	1053 AW	NA
Confirm pressure with pump cycling 8 not high/low	EW-4	y w	13.76 268	11.78
If pumps on, is water flowing into IPC (Y/N)?	EW-5 Y	-V-	NA TRY	NA
Process - (Check / OK or fill in values)				741.1
	48 433	A over a state of	al-B	46.5
Chlorine Alarm status (on/off) A1 1/2	A2 NA	Auto rolate o	AT ANY ANY AND A	0.4
f on record chloring concentration (ppin)	_		imp operating	W
Operate exhaust fan manually		Discharge pu	imp pressure normal	
FT-801 reading (GPM)	1-	Building tem	o accurate	V.
Chemical rates normal for flow?		Wixers opera	ding?	V
Catch rank display level=actual?		Other Alarms	(Y/N)	W.
Filtration (Check if OK)	= -		1,	_
Air compressor pressure in range		Salagadista	lus correct for operation	10
	-	Spinicia sia	toe correct for operation	- 1
Data (Check If OK)				
Do Dally & Yesterday Starts make sense	_			
Alams				
All Alarms Enabled (Y/N)				
List any disabled and indicate why	more silver			
BUILDING/GROUNDS				
Air Compressor (Check It OR)		-		
Cycle times normal for load		Since and con-	Same and services	1.7
	_		o drain operation	V
Check oil level at least monthly	_		er - alarms? Cycling?	V,
Belt lension	_	HX fan opi	erates with compressor?	1
Unit Heaters (Chank If OK)				Section 1
Thermostats set correctly (50-55 F)		Propane Is	ink lavel greater than 20%	W 39
Heaters working				
PC:(V/H)			The second second	100
IPC discharge clear?		Check slui	ige ports (Sludge Y/N)	10
Floatables? (take photos if yes)	/-		Union	0
Goag visibly dosing?	_		m or sluage	3.7
Floc visibly dosing?		al ea	ch port Lower	100
Chamical Feed (Fill in values)			111111	-00
345 Sodium Permanganate Height (in) 25.73	mA Signal W. 3 5	# of Full Drums Onsile		
		# of Full Drums Onsite		
	Stroke Rate 91	# of Full Bags Onsite	7 100 5 20	
Liosing pumps at normal rate?	_	Chemicals needed?	Loyd Wood, FIRE	
Floor Sumps (1/N).	_		V V V C V	
Sump levels normal/	Charles Associated a		but not emptyrig sump?	1
High-High level switches operate freely?	(check monthly)	Back flow	ng after pump cycle?	- ()
Excessive sludge/sediment?				
Diaphragm pumps (Check if OK) Thick Fo	eed Press Faed Floo Feed			
Proper operation/flow				
Regulators working properly	V V			
Exhaust mufflers U				
Filter Press (Check if OK)				
Hydraulic ram operating normally			Sorbent pads replaced?	N
Hydraulic pressure normal	-	How many lots	filled Haz drums onsite?	4
Significant leaks?	-		ms filled & clased today?	-
General/Housekeeping	_	THON MONY THAT UIL	med a consen consy r	-
	Nav training	A/	Marks do see See at 15	142
Wipe down dirty squipment/piping	Any leaks?	= 1/K	Waste drums needed?	- 100
Sweep and/or wash floors	Lights working?		Drum labels neeged?	100
Fire extinguisher inspection (monthly)	Exil signs working?	100	Removed trash?	26
Sludge in Clarifier Batch Tank?				
Grounds	And and and and		and the same	
Mow/trim around building, structures wells bollerd:	s control partels and cleanou		dy vegelalion from swales	and cap
Shovel doorways, apply ice melt		Look for d	amage fenoing/gates	
Confirm gates and doorways locked		Confirm s		



Extraction Well	Flow (gpm)	Pressure (psi)	Low-Low	Level (off)	Level (on)	High-High
EW-1	20	4.5	2	3	10	20
EVV-2	14	11	4	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
TAKEN THE PERSON			Low-Low	Level (off)	Level (on)	High-High
Clarifier Catch Tank			0.5	1	2	3.25

A1 means chlonne 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 SF	Pump Screen
305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5
2130 Coagulant	0.10%	96	0.18 gph	125 127
1668 Flocculant	0 20%	100	2.47 oph	72 - 75

Discharge Pumps

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

Air compressor

Notes:

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 fari 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

-		

Confirm gates and doorways locked

Staff: PH Date: 6/21/22



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	N	N	N	0.00	14.02	0,06
Run pumps in "Manual" to confirm flow, if nee	eded.	EW-2	Y	y	N	17.28	6.51	5.77
Confirm pumps are operating between setpoil	nts	EW-3	Y	Y	N	20.42	8,87	NÃ
Confirm pressure with pump cycling & not hig	h/low	EW-4	Ý	Y	N	27.72	22,68	15.97
If pumps on, is water flowing into IPC (Y/N)?	y	EW-5	V	Y	N	NA_	12,51	ΝA
Process - (Check if OK or fill in values)		1000						,
Chlorine Alarm status (on/off) A1_	NA	A2	NA		Auto rotate	on/off		VP
If on - record chlorine concentration (ppm)					Discharge p	ump operating		V
Operate exhaust fan manually	1/				Discharge p	ump pressure	normal	V
FT-801 reading (GPM)	2109				Building tem	p accurate		1,
Chemical rates normal for flow?	201				Mixers oper	ating?		V
Catch tank display level=actual?	1/				Other Alarm	s (Y/N)		N
Filtration (Check if OK)		- 6		-	- He 150	15		/
Control of the Contro	1				Solenoid sta	tus correct for	operation	V
Air compressor pressure in range Data (Check if OK)	<u></u>		-74-					
Do Daily & Yesterday Starts make sense	1	_						
Alarms	The same of the sa	7.7			1	100000		
All Alarms Enabled (Y/N)	N	-						
List any disabled and indicate why	Chloria	0 15	Loldes					
List any disabled and indicate why	Crimin	Cic	NOTE C					
BUILDING/GROUNDS								
Air Compressor (Check if OK)	- /	3			and the same	10		1
Cycle times normal for load	V.				Check aut	drain operation	on	V
Check oil level at least monthly	V				Check dry	er - alarms? Cy	cling?	V
Belt tension	1					erates with con	npressor?	1
Unit Heaters (Check if OK)						Link	200	1
Thermostats set correctly (50-55 F)	V	30			Propane ta	nk level greate	er than 20%	
Heaters working	V-605 of	f						-
IPC (Y/N)	27.95				3 3 3		17/10	1/
IPC discharge clear?	V				Check sluc	ge ports (Slud		7
Floatables? (take photos if yes)	N				Indicate 9	of sludge	Upper	0
Coag visibly dosing?	7					ch port	Mid	100
Floc visibly dosing?	Ÿ				71.		Lower	100
Chemical Feed (Fill in values)	30		معرشفت	" (5 " 5	Ossila	The second second	The second	1115
345 Sodium Permanganate Height (in)			5.05		rums Onsite	-2 -		
2130 Coagulant Height (in)			12.7		ags Onsite	- 0	-	
1668 Flocculant Volume (gal)_	390 Strol	ke Rate	105	Chemicals		FIOC	_	
Dosing pumps at normal rate?	<u> </u>	-		Chemicais	needed?	FILL	7	
Floor Sumps (Y/N)					Pump runs	but not emptyi	na sump?	N
Sump levels normal?	y (aba	ck mon	thly)			g after pump c		N
High-High level switches operate freely?	Y (crie	CK IIIOII	itiliy)		Duoit norm	3		
Excessive sludge/sediment?	hick Feed Press	Feed	Floc Feed			100750	子写(A)	19175
Diaprilagin pumps (Checkin City	nick reed Fies	/				**		
Proper operation/flow	1/	-	-1/-					
Regulators working properly	1/	_	1					
Exhaust mufflers	1 5 6	NE NOVE		-	- 1	17 000	40.0	
Filter Press (Check if OK)	V					Sorbent pads i	replaced?	N
Hydraulic ram operating normally	V			Ho	w many total	filled Haz drum	s onsite?	3
Hydraulic pressure normal	V			How m	any Haz drur	ns filled & close	ed today?	
Significant leaks? General/Housekeeping	in the	-	45.7		11.1.10		PART I	43.
Wipe down dirty equipment/piping	1	P	Any leaks?	N		Waste drums	needed?	N
Sweep and/or wash floors	1/		s working?	Y		Drum labels	needed?	N
Fire extinguisher inspection (monthly)	V E		s working?	Y		Remov	ed trash?	N
Sludge in Clarifier Catch Tank?	VV			/				
Crowndo	0.0		1	-	and the	1 to family and the	41,13	
Mow/trim around building, structures, wells, bo	ollards, control pa	anels a	nd cleanouts			y vegetation fro		ind cap
Shovel doorways, apply ice melt					Look for da	mage fencing/g	gates	

Confirm storage container locked



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

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

Regulators

Thickener feed pump

operating range 90-175 psi regulator setpoint 90 psi

Auto drain On 5 seconds every 5 minutes

PSI Range

40 psi max

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

Filter press feed pump Floc feed pump	90 psi max 40 psi		
Filter press hyd pump Blowdown	90 psi max		
Notes:			
· ·			
1			

Staff_ PH Date: 6/28/27



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

HMI SCREENS			
Extraction Wells	Online (Y/ly)		(psi)
Pump Status/Flow	EW-1	N N Dist Ball	0
Run pumps in "Manual" to confirm flow if needed.	EW-2	y N 1901 8.36	600
Confirm pumps are operating between satpoints	EVV-3	Y N JEL 7.73	NA
Confirm pressure with pump cycling & not highlow	EW-4	V N 2632 7.13	10, 17
If pumps on, is water flowing into IPC (Y/N)?	EW-5	Y NA YJA	NA
Process - (Check if OK; or fill to value)	The second second		
Chlorine Alarm status (on/off) A1 /V A	142 1/V	Auto rotate on/off	Dist
If on - record chlorine concentration (ppm)	-	Discharge pump operating	1
Operate exhausi fan manually	_	Discharge pump pressure normal	
FT-801 reading (GPM)	-		
	L	Building temp accurate	<u>-</u>
Chemical rates normal for flow?	_	Mixeus operating?	V
Catch tank display level=actual?	_	Other Alarms (Y/N)	~_
Filtration (Check if OK)		A CONTRACTOR OF THE PARTY OF TH	100 m
Air compressor pressure in range		Solenoid status correct for operation	V
Data (Check if DK)	-	The second secon	
Do Dally & Yesterday Starts make sense V			
Avarme			200
All Alarms Enabled (Y/N).			
List any disabled and indicate why	storne topples	V	
BUILDING/GROUNDS	,		
Air Compressor (Chack it OK)		The second secon	1000
Cycle times normal for load		Check auto dram operation	16
Check oil level at least monthly	-	Check dryer - alarms 7 Cycling?	-1/-
Belt tension	_	HX fan operates with compressor?	
Unit Heaters (Check it OK)		The fair operates with compressors	
		December hoofs found you also there 2000	-/
Thermostats sel correctly (50-55 F)	70.00	Propage tank level greater than 20%:	-
Heaters working	CAS OFF		
IPC (Y/N)			-
IPC discharge clear?	-	Chack sludge ports (Sludge Y/N)	_
Floatables? (take photos if yes)	_	Indicate % of slugge Upper	0_
Coag visibly dosing?	_	at each port Mid	76
Flac visibly dosing?		Lower	100
Chemical Feed (Fill in values)	ART ART ART	AND DESCRIPTION OF THE PARTY OF	-
345 Sodium Permanganate Height (m) 33.1/2	レ mA Signal サラう	# of Full Grums Onsite	
2130 Coagulant Height (in)	Stroke Rate 1/1/2-	# of Full Drums Onsite 2	
1668 Flocculant Volume (gal) 3 677	Stroke Rate CH	# of Full Bags Onsite	
Dosing pumps at normal rate?		Chemicals needed? Fur	
Floo/ Sumps (Y/N)	A	The same of the sa	
Sump levels normal?		Pump runs but not emptying sump?	N
High-High level switches operate freely?	(check monthly)	Back flowing after pump cycle?	100
Excessive sludge/sediment?		post (initial and beautication)	-CK
Disphragm pumpe (Check if DK) Thick Fe	ed Fress Feed Floo Feed		
Proper operation/flow	an message decided		
Regulators working property	- 16 V		
Exhaust mufflers	SIN		
Filler Press (Check If OK)		Normal Committee	400
Hydraulic ram operating normally	_	Sorbent pads replaced?	N
Hydraulic pressure normal	_	How many lotal filled Haz drums onsite?	. 2
Significani teaks?		How many Haz drums filled 3 closed today?	2
General/Housekeeping	3.00		1000
Wipe down dirty equipment/piping	Any leaks⊅	/ Waste drums needed?	N
Sweep and/or wash floors	Lights working?	V Drum labels needed?	11
Fire extinguisher inspection (monthly)	Exit signs Working?	Y Removed trash?	V
Sludge in Clarifier Catch Tank7			1
Grounds		The second secon	the latest terms of

Mow/trim around building, structures, wells, bollards, control panels and cleanouts. Shovel doorways, apply the malt.

Confirm gates and doorways locked

Clear woody vegetation from swales and cap Look for damage fancing/gates 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
				Low-Low	Level (off)	Level (on)	High-High
-	Clarifier Catch Tank			0.5	1	2	3.25

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	54-65
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:		

TABLES

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



Location	EW-1	EW-2	EW-3	EW-4	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Cell 1 Effluent	Fort Edward SPDES Equivalency	Polishing Pond Effluent
Date	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	Permit Limit	6/28/2022
Volatile Organic Compounds (μg/L)											
ACETONE	1200 U	100 U	100 U	50 U	50 U	50 U	100 U	100 U	100 U		50 U
BENZENE	25 U	3.9	2.7	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
BROMOCHLOROMETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
BROMODICHLOROMETHANE	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
BROMOFORM	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
BROMOMETHANE	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U		2.0 U
2-BUTANONE (MEK)	500 U	40 U	40 U	20 U	20 U	20 U	40 U	4.0 U	40 U		20 U
CARBON DISULFIDE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U		5.0 U
CARBON TETRACHLORIDE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U		5.0 U
CHLOROBENZENE	25 U	2.2	24	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
CHLORODIBROMOMETHANE	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
CHLOROETHANE	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U	20	2.0 U
CHLOROFORM	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U	150	2.0 U
CHLOROMETHANE	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U		2.0 U
CYCLOHEXANE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U		5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U		5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
1,2-DICHLOROBENZENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,3-DICHLOROBENZENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,4-DICHLOROBENZENE	25 U	2.0 U	5.7	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
DICHLORODIFLUOROMETHANE	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U		2.0 U
1,1-DICHLOROETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	30	1.0 U
1,2-DICHLOROETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,1-DICHLOROETHENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
CIS-1,2-DICHLOROETHENE	730	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
TRANS-1,2-DICHLOROETHENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,2-DICHLOROETHENE (TOTAL)	730	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	30	1.0 U
1,2-DICHLOROPROPANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
CIS-1,3-DICHLOROPROPENE	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
TRANS-1,3-DICHLOROPROPENE	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
ETHYLBENZENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
2-HEXANONE	250 U	20 U	20 U	10 U	10 U	10 U	20 U	20 U	20 U		10 U
ISOPROPYLBENZENE (CUMENE)	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
METHYL ACETATE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
METHYL TERT-BUTYL ETHER (MTBE)	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
METHYL CYCLOHEXANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
METHYLENE CHLORIDE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	50	5.0 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	250 U	20 U	20 U	10 U	10 U	10 U	20 U	20 U	20 U		10 U
STYRENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,1,2,2-TETRACHLOROETHANE	12 U	1.0 U	1.0 U	0.5 U	0.5 U	0.50 U	1.0 U	1.0 U	1.0 U		0.50 U
TETRACHLOROETHENE (PCE)	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
TOLUENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,2,3-TRICHLOROBENZENE	120 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U		5.0 U
1,2,4-TRICHLOROBENZENE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,1,1-TRICHLOROETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,1,2-TRICHLOROETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
TRICHLOROETHENE (TCE)	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
TRICHLOROFLUOROMETHANE	50 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U		2.0 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
VINYL CHLORIDE	3600 V-06	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U	4.0 U	50	2.0 U
XYLENES, TOTAL	25 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U		1.0 U
1,4-DIOXANE	1200 U	100 U	100 U	50 U	50 U	50 U	100 U	100 U	100 U		50 U
TOTAL VOCs	4330.0	6.1	32.4	ND ND	ND ND	ND ND	ND	ND	ND		ND ND
Notes:	.500.0	<u> </u>	1 52	1,10		1 110	1 175	1 110	1,10		1,10

Notes:

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

Definitions:

μg/L - micrograms per liter.

ND - Non-detect.

V-06 - Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

[&]quot;--" - Value does not exist for analyte.

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

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

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



POR-150 (ARCCLOR 1016) 783 R-05	Location	EW-1	EW-2	EW-3	EW-4	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Cell 1 Effluent	Fort Edward SPDES Equivalency	Polishing Pond Effluent
PCB-176 (ARCOLOR 106) PCB-127 (ARCOLOR 122) PCB-128 (ARCOLOR 1222) PCB-128 (ARCOLOR 1232) PCB-128 (ARCOLOR 1242) P		6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	6/28/2022	Permit Limit	6/28/2022
FCB-1221 (ARCCLOR 1221)	Polychlorinated Biphenyls (μg/L)											
FCB-122 (AROCLOR 1232)			0.0502 U/R-05	0.0502 U/R-05	0.0506 U/R-05		0.0504 U/R-05		0.0504 U/R-05			0.0506 U
PCB-1242 (AROCLOR 1242)	·		0.0752 U			0.592			0.0756 U			0.0759 U
PCB-1248 (ARCCLOR 1248)	·		0.0691 U	0.0691 U	0.0697 U	0.0694 U	0.0694 U	0.0694 U		0.0697 U		0.0697 U
PCB-1254 (AROCLOR 1254)	PCB-1242 (AROCLOR 1242)	72.6 U	0.0726 U	0.0726 U	0.0733 U	0.0729 U	0.0729 U	0.0729 U	0.0729 U	0.0733 U		0.0733 U
PCB-1260 (AROCLOR 1260) 59.1 U/R-05 0.0591 U/R-05 0.0591 U/R-05 0.0597 U/R-05 0.0594 U/R-05 0.05	PCB-1248 (AROCLOR 1248)	84.2 U	0.0842 U		0.0850 U	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.085 U		0.085 U
Metals (mg/L) ALUMINUM	PCB-1254 (AROCLOR 1254)	74.2 U	0.0742 U	0.0742 U	0.0750 U	0.0746 U	0.0746 U	0.0746 U	0.0746 U	0.075 U		0.075 U
ALUMINOM	PCB-1260 (AROCLOR 1260)	59.1 U/R-05	0.0591 U/R-05	0.0591 U/R-05	0.0597 U/R-05	0.0594 U/R-05	0.0594 U/R-05	0.0594 U/R-05	0.0594 U/R-05	0.0597 U		0.0597 U
ANTIMONY	Metals (mg/L)											
ARSENIC 0.01 U 0.065 0.042 0.014 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.15 0.01	ALUMINUM	0.08	0.05 U	0.05 U	0.05 U	0.05 U	1.1	0.05 U	0.05 U	0.05 U		0.05 U
ARSENIC 0.01 U 0.065 0.042 0.014 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.15 0.01	ANTIMONY	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
BARIUM											0.15	0.01 U
BERYLLIUM												0.05 U
CADMIUM												0.004 U
CALCIUM	CADMIUM	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.001	0.004 U
COBALT 0.01 U 0.01 U 0.01 Z 0.01 U 0.01 U<												
COBALT 0.01 U 0.01 U 0.01 Z 0.01 U 0.01 U<	CHROMIUM, TOTAL	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.21	0.01 U
COPPER 0.036 0.025 0.014 0.01 U 0.024 0.01 IRON 29 76 120 38 5.7 2.7 0.81 9.0 0.17 0.3 4.1 LEAD 0.01 U 0.001 U	COBALT	0.01 U	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005	0.01 U
RON		0.036	0.025	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.018	0.024	0.01 U
LEAD 0.01 U 0.0032 0.01 MAGNESIUM 37 40 35 19 19 18 16 18 15 19 MANGANESE 1.7 0.79 0.29 1.6 1.5 1.6 0.19 1.1 0.96 1.7 MERCURY 0.0001 U 0.001 U 0.01 U <t< td=""><td></td><td>29</td><td>76</td><td></td><td>38</td><td>5.7</td><td>2.7</td><td>0.81</td><td>9.0</td><td>0.17</td><td>0.3</td><td>4.1</td></t<>		29	76		38	5.7	2.7	0.81	9.0	0.17	0.3	4.1
MANGANESE 1.7 0.79 0.29 1.6 1.5 1.6 0.19 1.1 0.96 1.7 MERCURY 0.0001 U 0.001 U 0.01 U 0.05 U 0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0032	0.01 U
MERCURY 0.0001 U 0.001 U 0.001 U 0.01	MAGNESIUM	37	40	35	19	19	18	16	18	15		19
NICKEL 0.01 U 0.05 U 0.01 U<	MANGANESE	1.7	0.79	0.29	1.6	1.5	1.6	0.19	1.1	0.96		1.7
POTASSIUM 4.5 2.9 31 2.1 2.1 2.3 5.6 2.4 2.0 U 2.0 SELENIUM 0.05 U 0.01 U	MERCURY	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00048	0.0008	0.0001 U
SELENIUM 0.05 U 0.01	NICKEL	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.015	0.0096	0.01 U
SILVER 0.01 U 0.01 U<	POTASSIUM	4.5	2.9	31	2.1	2.1	2.3	5.6	2.4	2.0 U		2.0 U
SODIUM 62 100 58 43 44 43 39 42 8.3 42	SELENIUM	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
SODIUM 62 100 58 43 44 43 39 42 8.3 42	SILVER	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
THALLIUM 0.05 U 0.05	SODIUM											
	THALLIUM	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
VANADIUM 0.012 0.014 0.027 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.0	VANADIUM	0.012	0.014	0.027	0.01 U	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.014	0.01 U
ZINC 0.022 0.033 0.026 0.015 0.025 0.012 0.01 0.01 0.01 0.01 0.17 0.01	ZINC	0.022	0.033	0.026	0.015	0.025	0.012	0.01 U	0.01 U	0.01 U	0.17	0.01 U
Conventional Chemistry (mg/L)	Conventional Chemistry (mg/L)											
TOTAL DISSOLVED SOLIDS 720 730 470 370 380 340 390 430 360 500 390	TOTAL DISSOLVED SOLIDS	720	730	470	370	380	340	390	430	360	500	390
TOTAL SUSPENDED SOLIDS 88 170 350 260 6.2 8.8 2.6 4.0 2.4 50 14.0	TOTAL SUSPENDED SOLIDS	88	170	350	260	6.2	8.8	2.6	4.0	2.4	50	14.0

Notes:

Constitutents 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.

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.

R-05 - Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for a reported value for this compound.



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