

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

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

Date:

January 17, 2023

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 October 2022 reporting period at the above-referenced site.

Phone:

518.250.7300

Email:

andy.vitolins@arcadis.com

Our ref: 30055713

LEACHATE COLLECTION AND TREATMENT SYSTEM OPERATION AND MAINTENANCE

System Performance

A total of 483,903 gallons of leachate were collected and treated through the system during October 2022. The monthly average total leachate recovery rate for leachate extraction wells EW-2, EW-3, and leachate collection well EW-4 was approximately 10.8 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.

NYSDEC Site No. 558001 Payson Long January 17, 2023

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

- Iron and solids sludge processing was performed throughout the month. One 55-gallon drums of Filter Sludge was generated during October 2022.
- Collected routine monthly treatment system samples.
- Completed annual groundwater, surface water, and sediment sampling event.
- Installed cleanout on EW-4 discharge pipe, allowing a significant improvement in flow.
- Cleared blockage at Polishing Pond Effluent.

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

SYSTEM SAMPLING

Monthly water samples were collected by Arcadis on October 18, 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).

The monthly samples were submitted to Con-Test/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 EQuIS EDD format.

System Analytical Results

During the October 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

No VOCs were detected greater than the respective reporting limits in the October 2022 monthly samples.

PCBs

Aroclor 1221 was detected in the Influent sample (0.699 μ g/L), the Clarifier Catch Tank sample (0.648 μ g/L), and the Cell 2 Effluent sample (0.154 μ g/L, estimated). No other PCBs were detected at concentrations greater than the respective detection limits during the October 2022 monthly sampling event. There are currently no criteria for PCBs in the Fort Edward SPDES Permit Limits.

NYSDEC Site No. 558001 Payson Long January 17, 2023

Metals

Iron concentrations ranged from a minimum of 0.55 milligrams per liter (mg/L) (Cell 3 Bypass) to a maximum of 18 mg/L (Influent). The PPE iron concentration of 4.2 mg/L exceeded the Fort Edward SPDES Equivalency Permit Limit of 0.3 mg/L, but was in the range of previous results at this location. There were no other metal concentrations in the monthly samples which exceeded the Fort Edward SPDES Equivalency Permit Limits in October 2022. Additional metal concentrations are shown on Table 1.

Conventional Chemistry

As shown on Table 1, TDS concentrations ranged from 390 mg/L (Influent and CCT) to 520 mg/L (Cell 3 Bypass), and TSS concentrations ranged from 12 mg/L (Cell 3 Bypass) to 40 mg/L (CCT). During the October 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 180 to 4,900 mg/L and non-detect to 591 mg/L, respectively.

NEXT REPORTING PERIOD PLANNED ACTIVITIES

The following activities are anticipated for November 2022:

- Continuation of iron and solids treatment and processing
- Routine monthly sampling

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 Todd Carignan, Arcadis File

Enclosures:

Attachment A - NYSDEC Daily Inspection Reports

Attachment B – Arcadis Weekly O&M Logs

Table 1 – October 2022 Treatment System Analytical Data

ATTACHMENT A NYSDEC Daily Inspection Reports

Fort Edward, Site No. 558001

NEW YORK Contract No. D009804-07 **NYSDEC** Department of STATE OF OPPORTUNITY Environmental Division of Environmental Remediation DEC Insp. -Conservation **DEC PM -** Payson Long, P.E. Site Location: Hudson Falls, New York Contractor Supt. -**Weather Conditions** Engineer PM - Andy Vitolins, P.G. PM **General Description** Sunny AM Sunny **Temperature** 42°F AM 55°F PMEngineer Insp. - Jonathan Kullberg, Patrick Harrington, Wind 0 MPH PM0 MPH AM Rachael Thomas, Jeremy Wyckoff **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 *Yes No Were there any nuisance issues reported/observed on this date? X NA **Health & Safety Comments** None at this time. 0730 1815 **Summary of Work Performed** Arrived at site: Departed Site: Surface water, sediment, and soil sampling for annual event **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 NA Were there any vehicles which were not tarped? * Yes No NA X X Were there any vehicles which were not decontaminated prior to exiting the work site? * Yes No NA Personnel and Equipment Individual Trade **Total Hours** Company Jonathan Kullberg Geologist Arcadis 10 Rachael Thomas 10 Arcadis Engineer 10 Jeremy Wyckoff Arcadis Geologist Patrick Harrington Arcadis Geologist 10 **Equipment Description** Contractor/Vendor Used Quantity Horiba EcoRental Yes Peristaltic Pump EcoRental 1 Yes Water Level Meter EcoRental No Imported/ Daily Exported **Waste Profile** Source or Disposal Daily Weight **Material Description Delivered** off Site Facility (If Applicable) Loads (If Applicable) to Site (tons)*

Page 1 of 6

Date: 10/03/2022

*On-Site scale for off-site shipment, delivery ticket for material received

Fort Edward, Site No. 558001

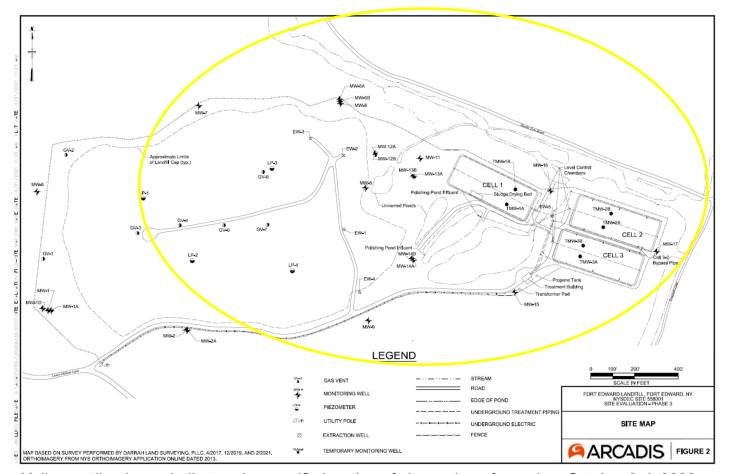
Equipment/Material Tracking Commen	te:			
Equipment/Material Tracking Comment	i5.			
None at this time.				
Visitors to Site				
Name	Rej	presenting	Entered E	xclusion/CRZ Zone
			Yes	No
			Yes	No
			Yes	No
Site Representatives				
Name		Representing		
Project Schedule Comments				
None at this time.				
Issues Pending				
None at this time.				
Interaction with Public, Property O	wners, Media, et	C.		
None at this time.				

Page **2** of **6**

Date: 10/03/2022

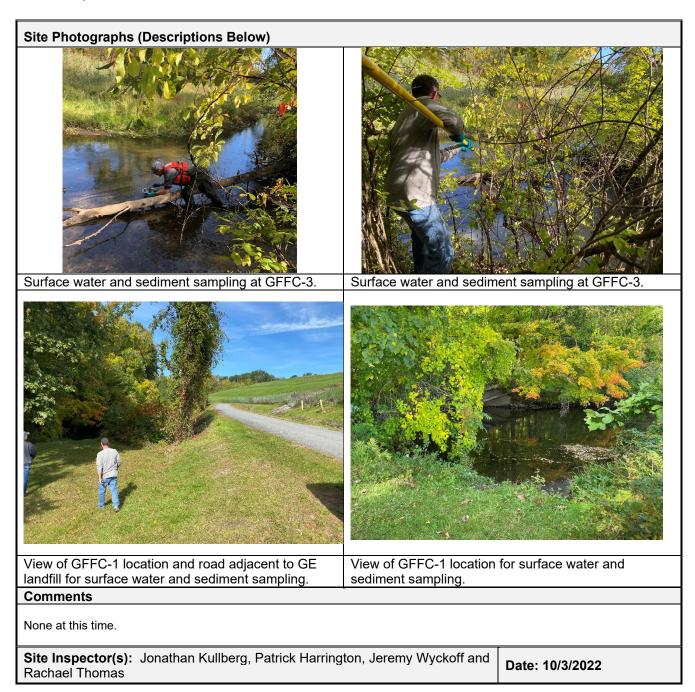
Include (insert) figures with markups showing location of work and job progress

Page 3 of 6 Date: 10/03/2022



Yellow outlined area indicates the specific location of site work performed on October 3rd, 2022.

Fort Edward, Site No. 558001



Page 4 of 6

Date: 10/03/2022

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work?

Yes □

DAILY INSPECTION REPORT - No. 127 Fort Edward, Site No. 558001

DAILY HEALTH CHECKLIST

Page **5** of **6**

Date: 10/03/2022

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 Y	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. 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 □	No □
	omments: one at this time.		•
1			

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes ⊠	No □	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes ⊠	No □	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ⊠	No □	N/A□
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ⊠	No □	N/A□
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes ⊠	No □	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ⊠	No □	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ⊠	No □	N/A□
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠



Page 6 of 6 Fort Edward, Site No. 558001 Date: 10/03/2022

Comments:	
None 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□
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
Was the temporary fabric structure closed at the end of the day?	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.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

		ı	ı
Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No ⊠	N/A□
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No ⊠	N/A□
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ⊠	No □	N/A□
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ⊠	No □	N/A□
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ⊠	No □	N/A□
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ⊠	No □	N/A□
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Comments: None at this time.			

^{*} BART – Best Available Retrofit Technology



Fort Edward, Site No. 558001

NYSDEC Division of Environmen	tal Remediati	ion $ ot \leq ot$	NEW Y STATE OF OPPORTU	JNITY E	epartm nvironn onserva	nental	Contract No. D009804-07 DEC Insp. –			7		
Site Location: Hudson	Falls, New Y	′ork					DEC	PM – Pay	yson Long, P.E.			
		Condition	ie.				Con	tractor Su	ıpt	-		
General Description	Cloudy	AM		ly Cloud	dy	PM	Eng	ineer PM -	- An	dy Vitol	ins, F	۶.G.
Temperature	48°F	AM		64°F	,	PM	Eng	ineer Insp	. – F	atrick		
Wind	0 MPH	AM	0	MPH		PM	Harr	ington				
Health & Safety If any box below is cl	necked "Yes	", provide	explanat	ion un	der "He	ealth 8	k Saf	ety Comr	nen	ts".		
Were there any changes	to the Health &	Safety Plan	?				*Y	'es	No	Χ	NA	
Were there any exceedar	ces of the peri	meter air mo	nitoring re	ported o	on this d	ate?	*Y	'es	No		NA	Х
Were there any nuisance	issues reporte	d/observed o	on this date	∍?			*Y	'es	No	Х	NA	
Health & Safety Comr	nents						ı	Į.				
None at this time.												
Summary of Work Pe	rformed	Arrived at	site:	0	900	D	epart	ed Site:		19	00	
Performed routin Continued proce Investigated disc	ssing sludge ir harge pump fa	the filter pre		tion wit	nin the T	reatme	nt Sy	stem Build	ing.			
Equipment/Material T If any box below is ch		", provide e	explanati	on und	der "Ma	terial	Trac	king Con	ıme	nts".		
Were there any vehicles v			•					'es	No		NA	
Were there any vehicles v	vhich were not	tarped?					* \	Yes	No		NA	Χ
Were there any vehicles v	vhich were not	decontamin	ated prior t	to exitin	g the wo	rk site?	* `	Yes	No		NA	Χ
Personnel and Equip	ment											
Individual		Co	mpany			Tı	ade			Total	Hours	;
Patrick Harrington	ı	A	rcadis			Geo	ologist			1	0	
Equipment Descrip	tion	Contractor/Vendor Quantity Use				ed						
						•						
Material Description	Imported/ Delivered to Site	Exported off Site		te Profil	-			r Disposal Applicable)		Daily Loads	We	aily eight ns)*

Page **1** of **6**

Date: 10/05/2022

*On-Site scale for off-site shipment, delivery ticket for material received

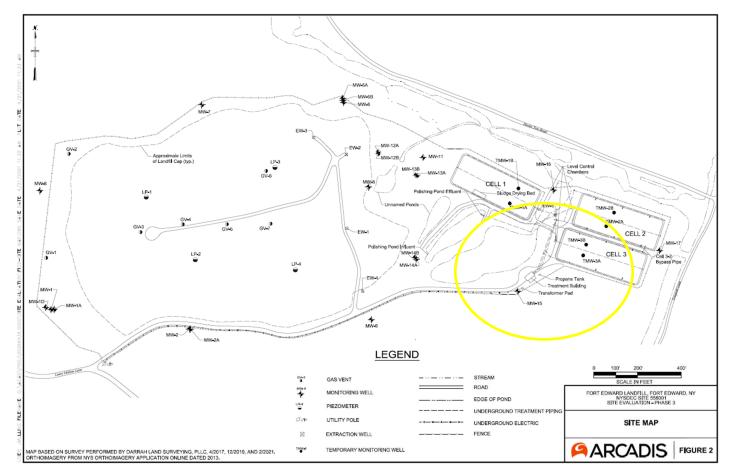
Fort Edward, Site No. 558001

Equipment/Material Tracking Commen	ts:			
None at this time.				
Visitors to Site				
Name	Rej	presenting	Entered E	xclusion/CRZ Zone
			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 O	wners, Media, et	c.		
None at this time.				

Page **2** of **6**

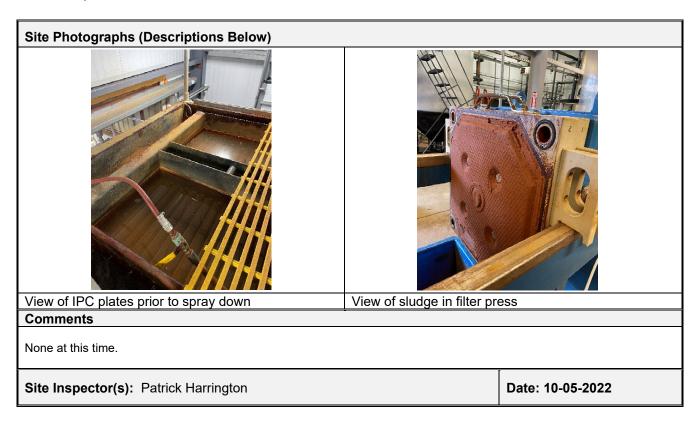
Date: 10/05/2022

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



Yellow outlined area indicates the specific location of site work performed on October 5th, 2022.

Fort Edward, Site No. 558001



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Date: 10/05/2022

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work?

Yes □

DAILY INSPECTION REPORT - No. 128 Fort Edward, Site No. 558001

DAILY HEALTH CHECKLIST

Page **5** of **6**

Date: 10/05/2022

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. 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 □	No □
	omments: one at this time.		
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On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes ⊠	No □	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes ⊠	No □	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ⊠	No □	N/A□
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ⊠	No □	N/A□
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes ⊠	No □	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ⊠	No □	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ⊠	No □	N/A□
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠



DAILY INSPECTION REPORT - No. 128 Fort Edward, Site No. 558001

None at this time.

AILY INSPECTION REPORT - No. 128	Page 6 of 6		
rt Edward, Site No. 558001	Date: 10/05/2022		
Comments:			

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□
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
Was the temporary fabric structure closed at the end of the day?	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.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No ⊠	N/A□
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No ⊠	N/A□
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ⊠	No □	N/A□
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ⊠	No □	N/A□
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ⊠	No □	N/A□
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ⊠	No □	N/A□
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Comments: None at this time.			

^{*} BART – Best Available Retrofit Technology



Fort Edward, Site No. 558001

NYSDEC Division of Environme	ntal Remediat	ion <i>∑</i>	NEW YORK STATE OF OPPORTUNITY	Departm Environr Conserv	mental	Contract DEC Insp	-			
Site Location: Hudso	n Falls, New Y	′ork				DEC PM - F	•	•	² .E.	
	Weather	Condition	9			Contractor	Supt.	. –		
General Description	Fair	AM	Fair		PM	Engineer P	M – A	ndy Vito	ins, P.G.	
Temperature	°F	AM	5°F		PM	Engineer In	ısp. –	Patrick		
Wind	0 MPH	AM	0 MPH		PM	Harrington	•			
Health & Safety If any box below is o	checked "Yes	", provide	explanation ι	ınder "H	ealth 8	Safety Co	mme	nts".		
Were there any changes	to the Health &	Safety Plan	?			*Yes	N	o X	NA	
Were there any exceeda	nces of the peri	imeter air mo	nitoring reporte	d on this d	date?	*Yes	N	o	NA X	
Were there any nuisance	•					*Yes	N	o X	NA	
Health & Safety Com	<u>.</u>					1	1			
None at this time.										_
Summary of Work Pe	erformed	Arrived at	site:	0800	De	eparted Site	:	18	300	Ī
Repaired trimm	ne housekeepir er and trimmed	•	•		I reatme	nt System Bu	ulding			
Equipment/Material in If any box below is c		", provide e	explanation u	nder "Ma	aterial	Tracking C	omm	ents".		
Were there any vehicles	which did not d	isplay proper	D.O.T numbers	and plac	ards?	*Yes	N	o X	NA	7
Were there any vehicles	which were not	tarped?		-		* Yes	N	0	NA X	
Were there any vehicles	which were not	decontamina	ated prior to exi	ing the wo	ork site?	* Yes	N	0	NA X	
Personnel and Equip	ment					_	-			
Individual		Co	mpany		Tr	ade		Total	Hours	Ī
Patrick Harringt	on	Aı	rcadis		Geo	logist		1	0	
										=
Equipment Descri	ption		Contractor/V	endor		Quant	ity	Us	ed	
										_
										_
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Pro (If Applica	-		rce or Dispos ty (If Applicat		Daily Loads	Daily Weight (tons)*	
Material Description	Delivered			-				_	Weight	

Page **1** of **5**

Date: 10/11/2022

*On-Site scale for off-site shipment, delivery ticket for material received

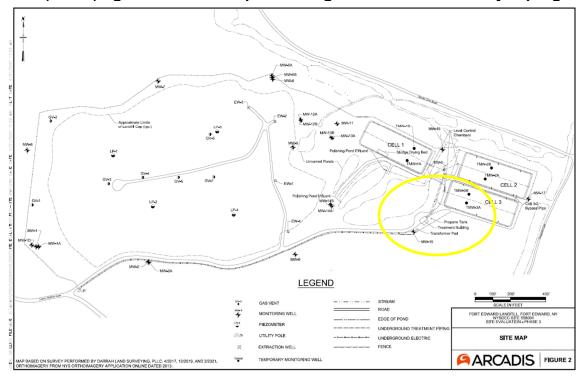
Fort Edward, Site No. 558001

Equipment/Material Tracking Commen	ts:			
None at this time.				
Visitors to Site				
Name	Rej	presenting	Entered I	Exclusion/CRZ Zone
			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 O	wners, Media, et	c.		
None at this time.				

Page **2** of **5**

Date: 10/11/2022

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



Yellow outlined area indicates the specific location of site work performed on October 11th, 2022.



Fort Edward, Site No. 558001



Page **3** of **5**

Date: 10/11/2022

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work?

Yes □

DAILY INSPECTION REPORT - No. 129 Fort Edward, Site No. 558001

DAILY HEALTH CHECKLIST

Page **4** of **5**

Date: 10/11/2022

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. 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 □	No □
	omments: one at this time.		
ı			

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes ⊠	No □	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes ⊠	No □	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ⊠	No □	N/A□
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ⊠	No □	N/A□
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes ⊠	No □	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ⊠	No □	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ⊠	No □	N/A□
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠



DAILY INSPECTION REPORT - No. 129 Fort Edward, Site No. 558001

Page 5 of 5	
Date: 10/11/2022	

Comments:	
None 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□
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
Was the temporary fabric structure closed at the end of the day?	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.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No ⊠	N/A□
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No ⊠	N/A□
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ⊠	No □	N/A□
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ⊠	No □	N/A□
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ⊠	No □	N/A□
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ⊠	No □	N/A□
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Comments: None at this time.			

^{*} BART – Best Available Retrofit Technology

Fort Edward, Site No. 558001

NYSDEC Division of Environmental Remediation		NEW YORK STATE OF OPPORTUNITY POPPORTUNITY Conservation		tal	DEC Insp. –	
Site Location: Hudso	on Falls, Now York					DEC PM – Payson Long, P.E.
Site Location. Hudse	on Falls, New York					Contractor Supt. –
	Weather Cor	nditio	ns			•
General Description	Sunny	AM	Sunny	P	M	Engineer PM – Andy Vitolins, P.G.
Temperature	50°F	AM	55°F	Р	M	Engineer Insp Patrick
Wind	0 MPH	AM	0 MPH	l P		Harrington
Health & Safety						

Page 1 of 6

Date: 10/18/2022

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:	0800	Departed Site:	2000
---------------------------	------------------	------	----------------	------

- Completed monthly sampling event
- Performed routine housekeeping and chemical inspection within the Treatment System Building.
- Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank.
- Completed sludge discharge from filter press
- Updated plumbing in EW-4 secondary manhole to allow jetting of line
- Improved flow from EW-4 from ~11gpm to ~30gpm
- Resolved discharge pump fault

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 verticles which did not display proper D.O.1 humbers and placards?	165	140 X	INA
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		Co	mpany	Trade		Total Hours		
Patrick Harrington		Ar	rcadis	Geologist		12		
Equipment Descripti	on		Contractor/Vendo	r	Quantity	Us	ed	
Material Description	Imported/ Delivered	Exported	Waste Profile		r Disposal	Daily	Daily Weight	

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

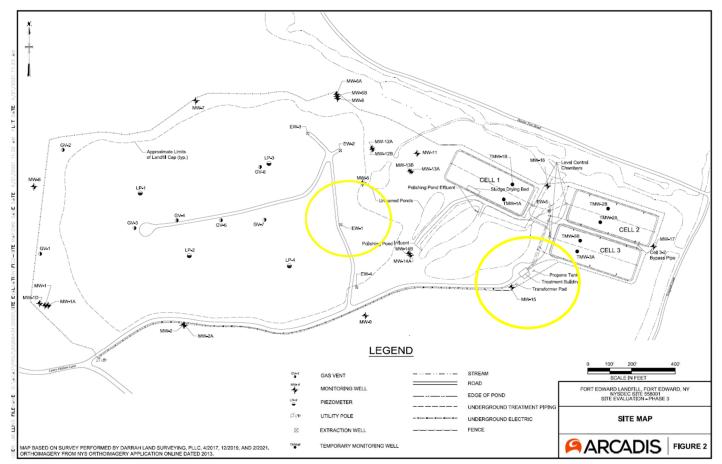
Fort Edward, Site No. 558001

Equipment/Material Tracking Commen	ts:			
None at this time.				
Visitors to Site				
Name	Rej	presenting	Entered E	xclusion/CRZ Zone
			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 O	wners, Media, et	c.		
None at this time.				

Page **2** of **6**

Date: 10/18/2022

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



Yellow outlined area indicates the specific location of site work performed on October 18th, 2022.

Site Inspector(s): Patrick Harrington

Fort Edward, Site No. 558001



Page 4 of 6

Date: 10/18/2022

Date: 10-18-2022

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work?

Yes □



DAILY HEALTH CHECKLIST

Page **5** of **6**

Date: 10/18/2022

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 ⊠
	Has anyone at this location had contact with anyone known to have COVID-19 in the past 14 days?	Yes □	No ⊠
	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
	Does the Department and its contractors have your permission to enter the property at this time?	Yes ⊠	No □
	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.		
	nments:		
Nor	ne at this time.		

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes ⊠	No □	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes ⊠	No □	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ⊠	No □	N/A□
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ⊠	No □	N/A□
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes ⊠	No □	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ⊠	No □	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ⊠	No □	N/A□
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠

None at this time.

LY INSPECTION REPORT - No. 130 Edward, Site No. 558001	Page 6 of 6
rt Edward, Site No. 558001	Date: 10/18/2022
Comments:	

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□
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
Was the temporary fabric structure closed at the end of the day?	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.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No ⊠	N/A□
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No ⊠	N/A□
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ⊠	No □	N/A□
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ⊠	No □	N/A□
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ⊠	No □	N/A□
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ⊠	No □	N/A□
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Comments: None at this time.			

^{*} BART – Best Available Retrofit Technology

Fort Edward, Site No. 558001

NYSDEC			NEW YORK STATE OF OPPORTUNITY	Departm	ent of	Contract No. D009804-07		
Division of Environmental Remediation						STATE OF OPPORTUNITY Environmental Conservation		DEC Insp. –
				1		DEC PM – Payson Long, P.E.		
Site Location: Hudse	on Falls, New York					zzorm rajoon zong, r.z.		
						Contractor Supt. –		
	Weather Cor	nditio	าร			Forton DM A LAMBE DO		
General Description Sunny		AM	Sunny	'	PM	Engineer PM - Andy Vitolins, P.G.		
Temperature	66°F	AM	73°F		PM	Engineer Insp Patrick		
Wind	0 MPH	AM	0 MPH	1	PM	Harrington		

Page 1 of 7

Date: 10/25/2022

Total Hours

Heal	th &	Sa	fety							
						•••		4.	***	

I ally box below is checked feet, provide explanation under fleatin & s	salety Colli	ments.	
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:	0800	Departed Site:	2000
---------------------------	------------------	------	----------------	------

- Performed routine housekeeping and chemical inspection within the Treatment System Building.
- Repeatedly transferred sludge from Inclined Plate Clarifier (IPC) to the Thickener Tank.
- Installed surge protectors on EW-1 sensors
- Completed prefill, onstream and blowdown of filter press.
- Cleared blockages from polishing pond influent and effluent

Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Company

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

Trade

Personnel and Equipment

Individual

Patrick Harrington		Ar	rcadis		Geologist		10.	.5
Equipment Description	on		Contractor/Vend	lor		Quantity	Use	ed
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 shipn	nent, delivery	ticket for mater	ial received					

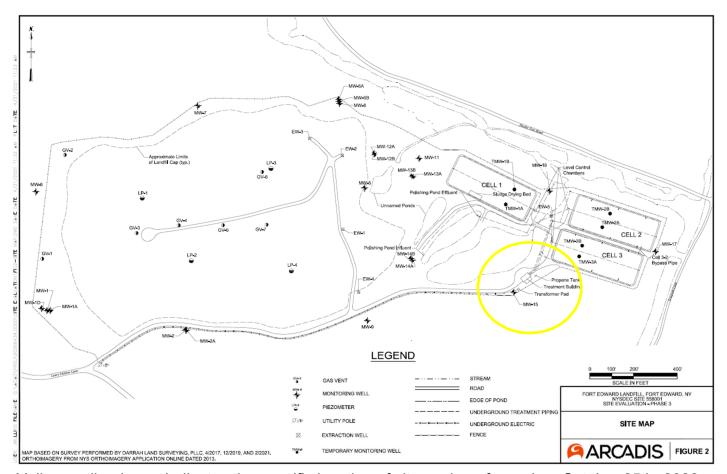
Fort Edward, Site No. 558001

Equipment/Material Tracking Commer	nts:			
None at this time.				
Visitors to Site				
Name	Re	presenting	Entered I	Exclusion/CRZ Zone
			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 C)wners, Media, et	C		
None at this time.				

Page **2** of **7**

Date: 10/25/2022

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



Yellow outlined area indicates the specific location of site work performed on October 25th, 2022.

Fort Edward, Site No. 558001

Page **4** of **7 Date: 10/25/2022**

Site Photographs (Descriptions Below)





View of IPC plates prior to spray down



View of blocked PPE



Date: 10-25-2022

View of polishing pond influent blockage

View of cleared polishing pond influent

Comments

None at this time.

Site Inspector(s): Patrick Harrington



DAILY INSPECTION REPORT - No. 131 Fort Edward, Site No. 558001

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work?

Yes □

Page **5** of **7**

Date: 10/25/2022

DAILY INSPECTION REPORT - No. 131 Fort Edward, Site No. 558001

DAILY HEALTH CHECKLIST

Page **6** of **7**

Date: 10/25/2022

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. 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 □	No □
	omments: one at this time.		
ı			

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes ⊠	No □	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes ⊠	No □	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ⊠	No □	N/A□
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ⊠	No □	N/A□
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes ⊠	No □	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ⊠	No □	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ⊠	No □	N/A□
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠



DAILY INSPECTION REPORT - No. 131 Fort Edward, Site No. 558001

Comments:	
None at this time.	

Page **7** of **7**

Date: 10/25/2022

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□
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠
Was the temporary fabric structure closed at the end of the day?	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.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No ⊠	N/A□
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No ⊠	N/A□
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ⊠	No □	N/A□
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ⊠	No □	N/A□
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ⊠	No □	N/A□
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ⊠	No □	N/A□
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Comments: None at this time.			

^{*} BART – Best Available Retrofit Technology



ATTACHMENT B

Arcadis Weekly O&M Logs

Fort Edward Landfill - Weekly Operation and Maintenance Checklist

staff: PH Date: 17-15



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

HMI SCREENS	, , , , , , , , , , , , , , , , , , ,	amig parameters.	, " = =	
Extraction Wells	Online O(A)		.'	
Pump Status/Flow	Online (Y/N)	Auto Manual	Flow (gpm) Level (ft)	(psi)
Run pumps in "Manual" to confirm flow , if needed.	EW-1	N N		-
Confirm pumps are operating between setpoints	EW-2	N		
Confirm proscure with sums evaling 8 and high flow	EW-3	7 N	5,26	NA
Confirm pressure with pump cycling & not high/low	EW-4	- V.	1300 7.33	13.46
If pumps on, is water flowing into IPC (Y/N)?	EW-5	·y	NA 9LV	NA
Process - (Check if OK or fill in values)		MARIAN DE LOCALIDA		
Chlorine Alarm status (on/off) A1 NA	A2 NA	Auto rotate on	/off	wet.
If on - record chlorine concentration (ppm)		Discharge pur	np operating	V-P7
Operate exhaust fan manually			np pressure normal	1/1/
FT-801 reading (GPM)	- -	Building temp		1/
Chemical rates normal for flow?		Mixers operati		/
Catch tank display level=actual?	-	Other Alarms	•	<u>V</u>
Filtration (Check if OK)	TO SECURE THE PARTY OF THE PART	Other Alarms	(T/N)	7
Air compressor pressure in range	A STATE OF THE STA			
Data (Check if OK)		Solenoid statu	s correct for operation	
Do Daily & Yesterday Starts make sense	THE REPORT OF THE PARTY OF THE		10年10月1日日本中国	
Alarms				
All Alarms Enabled (Y/N)	EN STEPPEN CHEST		划公共司马尼斯岛 加州	
List any disabled and indicate why	T			
	The disabled	· v		
BUILDING/GROUNDS				
Air Compressor (Check if OK)				
Cycle times normal for load				/
Check oil level at least monthly			drain operation	V
Belt tension	_		r - alarms? Cycling?	V.,
Unit Heaters (Check if OK)		HX fan oper	rates with compressor?	-1/
Thermostats set correctly (50-55 F)	后至这种政治,特别从在创新人员会员		CONTRACTOR OF STREET	
Heaters working	_ ,	Propane tar	nk level greater than 20%	V
IPC (Y/N)				
IPC discharge clear?			发展 100 000 000 000 000 000 000 000 000 00	
	<u>.</u>	Check slud	ge ports (Sludge Y/N)	4
Floatables? (take photos if yes)	-	Indicate %	of sludge Upper	\sim
Coag visibly dosing?	- 1 *		h port Mid	100
Floc visibly dosing?		u. out	Lower	100
Chemical Feed (Fill in values)				Ships and the
345 Sodium Permanganate Height (in) 15 3/4		# of Full Drums Onsite		
2130 Coagulant Height (in) 30 1/2		# of Full Drums Onsite	Ò	×
1668 Flocculant Volume (gal) 375	Stroke Rate _ 方子	# of Full Bags Onsite		
Dosing pumps at normal rate?		Chemicals needed?	Cocquiant	
Floor Sumps (Y/N)				
Sump levels normal?	_	Pump runs	but not emptying sump?	N
High-High level switches operate freely?	(check monthly)	Back flowing	ng after pump cycle?	1/
Excessive sludge/sediment?				
Diaphragm pumps (Check if OK) Thick Fee	ed Press Feed Floc Feed			
Proper operation/flow				SERVICE OF MISSESSES AND PROPERTY OF THE PARTY OF T
Regulators working properly				
Exhaust mufflers				
Filter Press (Check if OK)		THE RESERVE OF THE PERSON		
Hydraulic ram operating normally			Sorbent pads replaced?	N
Hydraulic pressure normal		How many total	filled Haz drums onsite?	T
Significant leaks?		How many Haz dru	ms filled & closed today?	7
General/Housekeeping			and a slood today!	Paragraph of the latest
Wipe down dirty equipment/piping	Any leaks?	N	Waste drums needed?	N
Sweep and/or wash floors	Lights working?		Drum labels needed?	N
Fire extinguisher inspection (monthly)	Exit signs working?		Removed trash?	-
Sludge in Clarifier Catch Tank?			rionoved trasit?	N
Grounds				
Mow/trim around building, structures, wells, bollards	control panels and cleanou	ts Clear woo	dy vegetation from swales	and s

Mow/trim around building, structures, wells, bollards, control panels and cleanouts Shovel doorways, apply ice melt Confirm gates and doorways locked

Clear woody vegetation from swales and cap Look for damage fencing/gates Confirm storage container locked



Extraction Well EW-1 EW-2 EW-3 EW-4	A 100 mm 100 m	20 14 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	Pres	4.5 11 NA 20	si)	Low-Lo 2 1 1 0	w	Level (off) 3 3 7	Level (on) 10 10 10 10	High-High 20 25 20 36
EW-5)	NA	,	NA	1	1 Low-Lo	w	3 Level (off)	10 \\ Level (on)	20 High-High
Clarifier Catch Tar	nk					0.5	#21	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 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	1
Blowdown	90 psi max

Notes:			1						
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_							1		
_	V.		22 8			11	*		
	1							1	
	5	1							
	Ý.,				1				

Fort Edward Landfill - Weekly Operation and Maintenance Checklist Date: | 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) Pump Status/Flow EW-1 N N Run pumps in "Manual" to confirm flow, if needed. EW-2 N NA Confirm pumps are operating between setpoints **EW-3** 21.88 ~ Confirm pressure with pump cycling & not high/low EW-4 If pumps on, is water flowing into IPC (Y/N)? EW-5 Process - (Check if OK or fill in values) Chlorine Alarm status (on/off) A2 NA Auto rotate on/off If on - record chlorine concentration (ppm) Discharge pump operating 2 runing/PIFa Operate exhaust fan manually Discharge pump pressure normal FT-801 reading (GPM) Building temp accurate Chemical rates normal for flow? Mixers operating? Catch tank display level=actual? Other Alarms (Y/N) Filtration (Check if OK) Air compressor pressure in range Solenoid status correct for operation Data (Check if OK) Do Daily & Yesterday Starts make sense All Alarms Enabled (Y/N) List any disabled and indicate why long disables **BUILDING/GROUNDS** Air Compressor (Check if OK) Cycle times normal for load Check auto drain operation Check oil level at least monthly Check dryer - alarms? Cycling? Belt tension HX fan operates with compressor? Unit Heaters (Check if OK) Thermostats set correctly (50-55 F) Propane tank level greater than 20% Heaters working IPC (Y/N) IPC discharge clear? Check sludge ports (Sludge Y/N) Floatables? (take photos if yes) Upper Indicate % of sludge Coag visibly dosing? Mid at each port Floc visibly dosing? Lower Chemical Feed (Fill in values) 345 Sodium Permanganate Height (in) mA Signal 4,55 # of Full Drums Onsite 2130 Coagulant Height (in) GC0275/ Stroke Rate 6.1 # of Full Drums Onsite 1668 Flocculant Stroke Rate # of Full Bags Onsite Volume (gal) 52 Dosing pumps at normal rate? Chemicals needed? Floor Sumps (Y/N) Sump levels normal? Pump runs but not emptying sump? High-High level switches operate freely? Back flowing after pump cycle? (check monthly) Excessive sludge/sediment? Diaphragm pumps (Check if OK) Proper operation/flow Regulators working properly Exhaust mufflers Filter Press (Check if OK) Hydraulic ram operating normally Sorbent pads replaced? How many total filled Haz drums onsite? Hydraulic pressure normal Significant leaks? How many Haz drums filled & closed today? General/Housekeeping

Any leaks?

Lights working?

Exit signs working?

Wipe down dirty equipment/piping Sweep and/or wash floors

Grounds

Mow/trim around building, structures, wells, bollards, control panels and cleanouts

Shovel doorways, apply ice melt

Sludge in Clarifier Catch Tank?

Confirm gates and doorways locked

Fire extinguisher inspection (monthly)

Clear woody vegetation from swales and cap Look for damage fencing/gates Confirm storage container locked

Waste drums needed?

Drum labels needed?

Removed trash?



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 1 Low-Low	Level (off) 3 3 7 3 Level (off)	Level (on) 10 10 10 10 10 Level (on)	High-High 20 25 20 36 20 High-High
olumbi oaten rank			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
Typical pressure

30-100%

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

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Fort Edward Landfill - Weekly Op	eration an	d Mainten	ance Che	ackliet		A DC	~ DI	C Design & Co
Staff:		Date:	10-19	8-20		ARC Time:	1730	built assets
Check status and compare to normal condition	ons. See Rev	erse side for	typical opera	ating param	neters.	_		
HMI SCREENS			200	•				
Extraction Wells	She was a second	0	-!: () (/A))					
Pump Status/Flow		EW-1	nline (Y/N)	Auto	- 1	Flow (gpm) I	Level (ft)	(psi)
Run pumps in "Manual" to confirm flow , if ne	eded.	EW-2	/ /	<u>~</u>				
Confirm pumps are operating between setno	inte	EW-3	-	\sim		114-	0 01	NIA
Confirm pressure with pump cycling & not hi	gh/low	EW-4	'/ -	7	$\frac{N}{N}$	25.31	9.91	NA 2.74
If pumps on, is water flowing into IPC (Y/N)?	Y	EW-5	1/9	V	-/V	NA _	4.07	NA NA
Process - (Check if OK or fill in values)		AUSTRAL PRO	The Parket	NAME OF THE OWNER, OWNE			1107	- W.
Chlorine Alarm status (on/off) A1	NA	A2	NA		Auto rotate on	/off		off
If on - record chlorine concentration (ppm)	NA	_	/		Discharge pur		,	V-P7
Operate exhaust fan manually FT-801 reading (GPM)	V				Discharge pur		ormal	
Chemical rates normal for flow?	22,85				Building temp			1
Catch tank display level=actual?					Mixers operati	ng?		V
Filtration (Check if OK)					Other Alarms	(Y/N)		N
Air compressor pressure in range	1					台灣的時期		
Data (Check if OK)					Solenoid statu	is correct for o	peration	V
Do Daily & Yesterday Starts make sense						O TO SEE BY		學學學
Alarms	V	Water Committee and the						
All Alarms Enabled (Y/N)	N			NICE STATE		学校学园		
List any disabled and indicate why		e disable	1					
	CVIIOVIV	1 A SUIR	<u>. </u>					
BUILDING/GROUNDS								
Air Compressor (Check if OK)	1			STATE OF THE PARTY.		100000000000000000000000000000000000000	NEW PROPERTY OF	
Cycle times normal for load					Check auto	drain operatio	n	1
Check oil level at least monthly	-					r - alarms? Cy		
Belt tension Unit Heaters (Check if OK)						rates with com		
Thermostats set correctly (50-55 F)	1							
Heaters working					Propane tai	nk level greate	r than 20%	
IPC (Y/N)	No. of Concession, Name of		School of the second					
IPC discharge clear?								
Floatables? (take photos if yes)	$\overline{}$				Check slud	ge ports (Slud		7
Coag visibly dosing?	1/				Indicate %	of sludge	Upper	50
Floc visibly dosing?	1				at eac	ch port	Mid Lower	100
Chemical Feed (Fill in values)							LOWEI	100
345 Sodium Permanganate Height (in)	15	mA Signal	5.15	# of Full D	Drums Onsite	1		LEADER STATE OF THE PARTY OF TH
2130 Coagulant Height (in)	241/2	Stroke Rate	14.1-	# of Full D	Drums Onsite	Ö		
1668 Flocculant Volume (gal	300	Stroke Rate	115	# of Full E	Bags Onsite			
Dosing pumps at normal rate?				Chemical	s needed?	Coagula	nt	
Floor Sumps (Y/N)								
Sump levels normal?		(-bb				but not empty		\sim
High-High level switches operate freely? Excessive sludge/sediment?	\	(check mont	nly)		Back flowir	ng after pump	cycle?	\sim
Diaphragm pumps (Check if OK)	Thick Feed	Press Feed	Floc Feed					
Proper operation/flow	THICK I GEG	riess reed	rioc reed					
Regulators working properly		1	-V/					
Exhaust mufflers		1/	1/					
Filter Press (Check if OK)	1							
Hydraulic ram operating normally					- Delication of the same of the same	Sorbent pads	replaced?	N
Hydraulic pressure normal	V			H	low many total	l filled Haz dru	ms onsite?	5
Significant leaks?				How	many Haz dru	ms filled & clo	sed today?	0
General/Housekeeping	1			11				
Wipe down dirty equipment/piping			Any leaks?	10	_	Waste drum		\sim
Sweep and/or wash floors	V		s working?	7	_		els needed?	N
Fire extinguisher inspection (monthly)	-y -	⊨xit sign	s working?		_	Remo	oved trash?	N
Sludge in Clarifier Catch Tank?	1		P14107 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				Sell-parties and the sea	
Grounds Mow/trim around building, structures, wells	bollarde o	ontrol nanele s	and cleanout	te	Clearwoo	dy vegetation	from evide	and con
Shovel doorways, apply ice melt	, bollards, oc	muoi pariois e	and oledilou			amage fencing		anu cap
Confirm gates and doorways locked						torage contain		
Committe gates and door mayo looked					30		Joneu	



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	· · · · · · · · · · · · · · · · · · ·	2 1 1 0 1 ow-Low	4	Level (off) 3 3 7 7 3 Level (off)	Level (on) 10 10 10 10 10 Level (on)	High-High 20 25 20 36 20 High-High
Clarifier Catch Tank				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

Chemical Dosing Rates HMI Setpoint

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

Hand SP Pump Screen

Stroke SP

305 Bleach	0.10%	100	0.16 gph	5.4 - 6.5	
2130 Coagulant	0.10%	96	0.16 gph	12.5 - 12.7	`\1
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				1
Auto drain	On 5 seconds every 5	minutes			
Dryer	Display shows "ESA/C	N" with dew p	oint level shown	on bar scale.	
	Auto drain operates 5	seconds every	minute		*V
	Heat exchanger fan sh	ould operate v	vith compressor		
Regulators	PSI Range				
Thickener feed pump	40 psi max				
Filter press feed pump	90 psi max				1
Floc feed pump	40 psi				
Filter press hyd pump					
Blowdown	90 psi max				
Notes:	1				\
					2
					<u> </u>

Fort Edward Landfill - Weekly Operation and Maintenance Checklist

	com, charan			
Staff: _	PH	Date:	10-25-	22



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

LMI SCREENS		-				
HMI SCREENS	0	nline (V/NI) A. 4-	Manual	[[a/aaaa]	Lavol (ft)	(psi)
Extraction Wells	THE RESIDENCE OF THE PARTY OF T	nline (Y/N) Auto	Manual	Flow (gpm)	Level (ft)	NA
Pump Status/Flow	EW-1 d. EW-2	<u>N</u> <u>N</u>	_ ~	- A	NA	NA
Run pumps in "Manual" to confirm flow, if neede	EW-3	<u> </u>		NA	NA	NA
Confirm pumps are operating between setpoints	_		_ ~	22.65	2.85	
Confirm pressure with pump cycling & not high/lo				30,72	9.03	4,08 NA
If pumps on, is water flowing into IPC (Y/N)?	EW-5	-		<u>NA</u>	903	
Process - (Check if OK or fill in values)	1	THE REAL PROPERTY.		1-55	N. P. SHILLING	4.4
Chlorine Alarm status (on/off) A1	A2	NA	Auto rotate or			on
If on - record chlorine concentration (ppm)	.		Discharge pu			
Operate exhaust fan manually	<u></u>			mp pressure n	ormal	
	08		Building temp			_/_
Chemical rates normal for flow?			Mixers operat	-		
Catch tank display level=actual?			Other Alarms	(Y/N)		
Filtration (Check if OK)						
Air compressor pressure in range			Solenoid statu	us correct for o	peration	
Data (Check if OK)	THE RESIDENCE					作及學院問
Do Daily & Yesterday Starts make sense						
Alarms						
All Alarms Enabled (Y/N)		,				
List any disabled and indicate why	bloring disable	ed				
_		•				
BUILDING/GROUNDS						
Air Compressor (Check if OK)	/					
Cycle times normal for load				drain operatio		V
Check oil level at least monthly				r - alarms? Cy		V
Belt tension			HX fan ope	rates with com	pressor?	V
Unit Heaters (Check if OK)						1-0
Thermostats set correctly (50-55 F)	<u> </u>		Propane tar	nk level greate	r than 20%	V 50/0
Heaters working	<u>/</u>					
IPC (Y/N)	TO SERVICE THE RESERVE OF					~
IPC discharge clear?	7		Check slud	ge ports (Sludg		
Floatables? (take photos if yes)	<u>V</u>		Indicate %	of sludge	Upper	0
Coag visibly dosing?				h port	Mid	100
Floc visibly dosing?			man way of an down thought	·	Lower	100
Chemical Feed (Fill in values)	A Dissal	T. TI) # 1551				是1000000000000000000000000000000000000
345 Sodium Permanganate Height (in)			I Drums Onsite	-		
2130 Coagulant Height (in)	5/9 Stroke Rate		Drums Onsite	<u> </u>		
1668 Flocculant Volume (gal) 32	Stroke Rate		l Bags Onsite	(1) (0) (1)	1	
Dosing pumps at normal rate?		Chemic	als needed?	lodgula	n	
Floor Sumps (Y/N)			Dump rupo	but not approve	200000	1
Sump levels normal?	(check month	du)		but not emptyi g after pump c	•	
High-High level switches operate freely?	(Check mont	ily)	Dack Howin	g arter pump c	ycle?	
Excessive sludge/sediment?	Feed Press Feed I	Floc Feed			PUNCHER STREET	
	reed Fless reed I	loc reed	AMERICAN STREET	NO SOUR A SALESTAN		DAMES AND STREET
Proper operation/flow	 -	1/				
Regulators working properly						
Exhaust mufflers		WARNESS STREET		AND DESIGNATIONS	Charles and Assessment of the Control of the Contro	
Filter Press (Check if OK)	A CONTRACTOR OF THE PROPERTY O			Sorbent pads	ronloood?	11
Hydraulic ram operating normally			How many total		•	
Hydraulic pressure normal	/	Hov	w many Haz drun			9
Significant leaks?	S MAN COLOR DE LA COLOR DE		w many naz urun	iis iiiled & Clos	eu today?	_0_
General/Housekeeping	Λ,	ny leaks?	A THE REAL PROPERTY.	Waste drums	noodod?	
Wipe down dirty equipment/piping		working?	_			~
Sweep and/or wash floors			_	Drum labels		10
Fire extinguisher inspection (monthly)	Exit signs	working:	_	Kenio	ved trash?	1
Sludge in Clarifier Catch Tank?		NOTE A THE STORY IN THE PARTY OF THE PARTY.		Mars College Charles		
Grounds	rde gentral panels	d cloopouts	Clearwead	v voqetation f	on overle	
Mow/trim around building, structures, wells, bolla	rus, control paneis an	u ciednouts		y vegetation fr		апо сар
Shovel doorways, apply ice melt				mage fencing/	•	
Confirm gates and doorways locked			Comminist	orage containe	riocked	



Extraction Well EW-1 EW-2 EW-3 EW-4 EW-5	7	Flow (gpm) 20 14 20 30 NA	Pressure (psi) 4.5 11 NA 20 NA	2 1 1 0 1 Low-Low	Level (off) 3 3 3 7 3 Level (off)	Level (on) 10 10 10 10 10 10 Level (on)	High-High 20 25 20 36 20 High-High
Clarifier Catch Tank				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 Thickener feed pump Filter press feed pump Floc feed pump Filter press hyd pump Blowdown PSI Range 40 psi max 40 psi 90 psi max

Notes:

TABLES

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



Location	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Fort Edward SPDES Equivalency	Polishing Pond Effluent
Date	10/18/2022	10/18/2022	10/18/2022	10/18/2022	Permit Limit	10/18/2022
Volatile Organic Compounds (μg/L)		-	•	•		
ACETONE	50 U	50 U	50 U	50 U	1	50 U
BENZENE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
BROMOCHLOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
BROMODICHLOROMETHANE	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U
BROMOFORM	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
BROMOMETHANE	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
2-BUTANONE (MEK)	20 U	20 U	20 U	20 U		20 U
CARBON DISULFIDE	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
CARBON TETRACHLORIDE	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
CHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
CHLORODIBROMOMETHANE	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U
CHLOROETHANE	2.0 U	2.0 U	2.0 U	2.0 U	20	2.0 U
CHLOROFORM	2.0 U	2.0 U	2.0 U	2.0 U	150	2.0 U
CHLOROMETHANE	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
CYCLOHEXANE	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.50 U	0.50 U	0.50 U	0.50 U		0.50 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
DICHLORODIFLUOROMETHANE	2.0 U	2.0 U	2.0 U	2.0 U		2.0 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-DICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
CIS-1.3-DICHLOROPROPENE	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U
TRANS-1.3-DICHLOROPROPENE	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U
1.4-DIOXANE	50 U	50 U	50 U	50 U		50 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U
2-HEXANONE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 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	5.0 U	5.0 U	5.0 U	5.0 U	50	5.0 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	10 U	10 U	10 U	10 U		10 U
STYRENE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
1,1,2,2-TETRACHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U
TETRACHLOROETHANE	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
1.2.3-TRICHLOROBENZENE	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
1.2.4-TRICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
1.1.1-TRICHLOROBENZENE	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
TRICHLOROFTHENE (TCE) TRICHLOROFLUOROMETHANE	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE VINYL CHLORIDE	2.0 U	2.0 U	2.0 U	2.0 U	50	2.0 U
XYLENES, TOTAL	2.0 U	2.0 U	2.0 U	2.0 U	50	2.0 U
	1.0 U ND	1.0 U ND	1.0 U ND	1.0 U ND		1.0 U ND
TOTAL VOCs	ND	ND	ND	ND		ND

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:

 $\mu g/L$ - micrograms per liter. ND - Non-detect.

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

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

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



Location	Influent	Clarifier Catch	Cell 3 Bypass	Cell 2 Effluent	Fort Edward SPDES Equivalency	Polishing Pond Effluent
Date	8/16/2022	8/16/2022	8/16/2022	8/16/2022	Permit Limit	8/16/2022
Polychlorinated Biphenyls (µg/L)						
PCB-1016 (AROCLOR 1016)	0.0514 U	0.0540 U	0.0514 U	0.0502 U	- 1	0.0502 U
PCB-1221 (AROCLOR 1221)	0.699	0.648	0.0770 U	0.154		0.0752 U
PCB-1232 (AROCLOR 1232)	0.0707 U	0.0744 U	0.0707 U	0.0691 U		0.0691 U
PCB-1242 (AROCLOR 1242)	0.0744 U	0.0782 U	0.0744 U	0.0726 U	- 1	0.0726 U
PCB-1248 (AROCLOR 1248)	0.0862 U	0.0907 U	0.0862 U	0.0842 U		0.0842 U
PCB-1254 (AROCLOR 1254)	0.0761 U	0.0800 U	0.0761 U	0.0742 U	- 1	0.0742 U
PCB-1260 (AROCLOR 1260)	0.0606 U	0.0637 U	0.0606 U	0.0591 U		0.0591 U
Metals (mg/L)						
ALUMINUM	0.050 U	1,2	0.050 U	0.058		0.240
ANTIMONY	0.050 U	0.050 U	0.050 U	0.050 U		0.050 U
ARSENIC	0.010 U	0.010 U	0.010 U	0.010 U	0.15	0.010 U
BARIUM	0.050 U	0.050 U	0.050 U	0.052	3.5	0.050 U
BERYLLIUM	0.0040 U	0.0040 U	0.0040 U	0.0040 U		0.0040 U
CADMIUM	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.001	0.0040 U
CALCIUM	75	76	97	120		93
CHROMIUM, TOTAL	0.010 U	0.010 U	0.010 U	0.010 U	0.21	0.010 U
COBALT	0.010 U	0.010 U	0.010 U	0.010 U	0.005	0.010 U
COPPER	0.01	0.02	0.010 U	0.010 U	0.024	0.010 U
IRON	18.0	15	0.55	12.0	0.3	4.2
LEAD	0.010 U	0.010 U	0.010 U	0.010 U	0.0032	0.010 U
MAGNESIUM	18	18	18.0	20		20
MANGANESE	1.6	1.7	0.21	1.2		0.88
MERCURY	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.0008	0.00010 U
NICKEL	0.010 U	0.010 U	0.010 U	0.010 U	0.0096	0.010 U
POTASSIUM	2.3	2.6	4.3	2.0 U		3.4
SELENIUM	0.050 U	0.050 U	0.050 U	0.050 U		0.050 U
SILVER	0.010 U	0.010 U	0.010 U	0.010 U		0.010 U
SODIUM	43	44	37	39		39
THALLIUM	0.050 U	0.050 U	0.050 U	0.050 U		0.050 U
VANADIUM	0.010 U	0.010 U	0.010 U	0.010 U	0.014	0.010 U
ZINC	0.069	0.018	0.010 U	0.010 U	0.17	0.010 U
Conventional Chemistry (mg/L)						
TOTAL SUSPENDED SOLIDS	16	40	12	19		26
TOTAL DISSOLVED SOLIDS	390	390	520	470		410

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.
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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