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January 19, 2024

Ms. Cindy Koepke
Hydrogeologist
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject: Refuse Hideaway Landfill
December 2023 Operation Monitoring and Maintenance Activities

Dear Cindy:

TRC completed the following operation, monitoring, and maintenance activities at the Refuse Hideaway Landfill (the Site) in Middleton, WI in December 2023.

- December 5, 2023 – Gas Probe Monitoring
- December 5, 2023 – Bi-weekly Site Inspection
- December 21, 2023 – Monthly/Quarterly Site Inspections
- December 21, 2023 – Cap Inspection
- December 21, 2023 – Quarterly Leachate Sampling

Gas Extraction System

The gas extraction system (GES) was restarted by TRC on September 6, 2023, following the electrical service repairs. The system shutdown on December 7, 2023, due to a power outage and was restarted by TRC staff on December 12, 2023.

Field data from the gas extraction well monitoring and gas probe monitoring is included in Attachment 1.

Leachate Extraction System

The leachate extraction system was restarted on October 25, 2023 following repair of the compressor system. However, based on exterior temperatures the system has remained off. Winter operation has been evaluated and TRC coordinated and discussed options for cold weather operation with subcontractors and provided recommendations to the WDNR.

The leachate tank level was gauged during each Site visit and the following measurements were recorded:

- December 5, 2023 – 32.5 Inches
- December 21, 2023 – 28.75 Inches

A leachate sample was collected on December 21, 2023, from the extraction system storage tank and analyzed by Eurofins for ICP Metals and Mercury per the Section 2.01 of the Wastewater Discharge Permit NTO-5.11. The laboratory analytical report is provided in Attachment 2.

Cap Inspection

TRC conducted a monthly inspection of the landfill cap and stormwater conveyance features on December 21, 2023. The landfill cap and stormwater conveyance features are operational. TRC will continue to observe the condition of the features. An inspection form with further details is provided in Attachment 1 and a photographic log is provided in Attachment 3.

If you have any questions, please contact Andrew Stehn at astehn@trccompanies.com or 608-807-8112.

Sincerely,

TRC

Molly Wagler

Molly Wagler, EIT
Project Engineer

Andrew M. Stehn

Andrew Stehn, PE
Project Manager

Attachments:
1. December 2023 Monitoring Results
2. Laboratory Analytical Report – Leachate Sample
3. Cap Inspection Photographic Log

Attachment 1

December 2023 Monitoring Results

REFUSE HIDEAWAY LANDFILL
GAS PROBE MONITORING FORM

TECHNICIAN(S): J. Roelke

DATE: 12/5/2023

START TIME: 8:04 AM

END TIME: 1:45 PM

GAS/INSTRUMENT TYPE: **GEM 2000**

SERIAL NO.: 11668

DATE LAST CALIBRATED: 12/5/2023

METHOD: Standard Calibration Gases

PRESS INSTRUMENT : Manometer

WEATHER CONDITIONS: Cloudy

TEMPERATURE: 31 ^{0}F

BAROMETRIC PRESSURE & TREND: 30.04 in Hg., rising

GROUND CONDITIONS: snow covered

GAS PROBE NAME	Time	PRESSURE (in. WC)	METHANE (% LEL)	METHANE (%, by vol.)	CARBON DIOXIDE (%, by vol.)	OXYGEN (%, by vol.)	COMMENTS
GP-1D	8:27	0.0	0.0	0.0	3.5	17.0	(2)
GP-1S	8:29	0.0	0.0	0.0	0.0	20.8	(2)
GP-2D	8:33	0.0	0.0	0.0	1.1	20.1	(1)
GP-2S	8:35	0.0	0.0	0.0	0.6	20.4	(1)
GP-3	8:38	0.0	2	0.1	4.1	17.4	(1)
GP-4	8:43	-0.01	0.0	0.0	2.9	18.7	(1)
GP-5	8:46	0.0	0.0	0.0	1.8	19.4	(2)
GP-6	8:51	0.0	0.0	0.0	0.9	20.0	(1)
GP-7	9:00	0.0	0.0	0.0	3.1	18.5	(2)
GP-8	9:07	0.0	0.0	0.0	3.4	18.4	(2)
GP-9	9:12	0.0	0.0	0.0	2.4	19.0	(1)
GP-10	9:18	0.0	0.0	0.0	2.8	18.9	(1)
GP-11D	9:21	0.0	0.0	0.0	0.1	20.7	(2)
GP-11S	9:23	0.0	0.0	0.0	0.2	20.5	(2)
GP-12D	9:29	-0.04	>100	7.6	12.7	8.2	(1) Stable readings at 2 minutes.
GP-12S	9:33	0.0	0.0	0.0	0.2	20.7	(1)
GP-13D	9:38	0.0	0.0	0.0	0.4	20.5	(2)
GP-13S	9:40	0.0	0.0	0.0	1.0	20.0	(2)

GAS PROBE NAME	Time	PRESSURE (in. WC)	METHANE (% LEL)	METHANE (%, by vol.)	CARBON DIOXIDE (%, by vol.)	OXYGEN (%, by vol.)	COMMENTS
GP-16D	10:03	0.0	0.0	0.0	0.6	20.3	(2)
GP-16S	10:05	0.0	0.0	0.0	0.9	19.9	(2)
GP-17D	9:54	0.0	0.0	0.0	1.9	18.9	(1)
GP-17M	9:56	0.0	0.0	0.0	0.4	20.4	(1)
GP-17S	9:58	0.0	0.0	0.0	0.5	20.4	(1)
GP-18D	10:09	0.0	0.0	0.0	0.5	20.3	(2)
GP-18M	10:11	0.0	0.0	0.0	0.3	20.5	(2)
GP-18S	10:13	0.0	0.0	0.0	0.3	20.6	(2)
GP-19$^{85-100}$	11:13	0.0	0.0	0.0	2.4	18.5	(1)
GP-19$^{50-70}$	11:15	0.0	0.0	0.0	1.9	19.0	(1)
GP-19$^{25-40}$	11:17	0.0	0.0	0.0	1.2	19.3	(1)
GP19$^{2-15}$	11:19	0.0	0.0	0.0	1.6	19.1	(1)
GP-20$^{85-100}$	11:05	0.0	0.0	0.0	0.4	20.2	(2)
GP-20$^{50-70}$	11:07	0.0	0.0	0.0	1.3	19.6	(2)
GP-20$^{25-40}$	11:09	0.0	0.0	0.0	1.5	19.2	(2)
GP-20$^{2-15}$	11:11	0.0	0.0	0.0	1.2	19.8	(2)
GP-21$^{85-100}$	10:55	0.0	0.0	0.0	0.5	20.3	(2)
GP-21$^{50-70}$	10:57	0.0	0.0	0.0	0.4	20.4	(2)
GP-21$^{25-40}$	10:59	0.0	0.0	0.0	1.3	19.7	(2)
GP-21$^{2-15}$	11:01	0.0	0.0	0.0	1.5	19.3	(2)
GP-22$^{85-100}$	11:24	0.0	0.0	0.0	2.2	18.7	(2)
GP-22$^{50-70}$	11:26	0.0	0.0	0.0	2.0	18.9	(2)
GP-22$^{25-40}$	11:28	0.0	0.0	0.0	2.8	18.2	(2)
GP-22$^{2-15}$	11:30	0.0	0.0	0.0	2.1	18.6	(2)

GAS PROBE NAME	Time	PRESSURE (in. WC)	METHANE (% LEL)	METHANE (%, by vol.)	CARBON DIOXIDE (%, by vol.)	OXYGEN (%, by vol.)	COMMENTS
GP-23$^{85-100}$	11:37	0.0	0.0	0.0	0.7	19.9	(2)
GP-23$^{50-70}$	11:38	0.0	0.0	0.0	0.5	20.3	(2)
GP-23$^{25-40}$	11:40	0.0	0.0	0.0	0.9	18.8	(2)
GP-23$^{2-15}$	11:42	0.0	0.0	0.0	2.5	18.4	(2)
GP-24$^{85-100}$	11:47	0.0	0.0	0.0	0.1	20.7	(2)
GP-24$^{50-70}$	11:49	0.0	0.0	0.0	2.4	18.1	(2)
GP-24$^{25-40}$	11:51	0.0	0.0	0.0	1.8	19.0	(2)
GP-24$^{2-15}$	11:53	0.0	0.0	0.0	2.0	18.7	(2)
GPW-1D	13:34	-0.50	0.0	0.0	0.4	19.9	(1)
GPW-1M	13:36	-0.47	0.0	0.0	0.1	20.5	(1)
GPW-1S	13:38	-0.03	0.0	0.0	1.2	19.4	(1)
G-1D	8:19	0.0	0.0	0.0	0.0	20.8	(1)
G-1S	8:21	0.0	0.0	0.0	0.1	20.8	(1)
G-2D	9:44	-0.04	0.0	0.0	0.1	20.7	(1)
G-2S	9:46	-0.02	0.0	0.0	0.2	20.7	(1)
G-5	9:05	0.0	0.0	0.0	4.4	16.1	(1)
G-6	8:13	0.0	0.0	0.0	0.0	20.8	(1)
G-8	10:48	0.0	0.0	0.0	0.4	19.6	(1)
G-9	10:33	0.0	0.0	0.0	0.8	18.7	(1)
G-10	11:59	-0.09	0.0	0.0	0.3	20.5	(1)
Speedway Office	8:24	0.0	0.0	0.0	0.0	20.8	Open to ATM

NOTES:

(1); Locked probe casing.
(2): Probe is above casing and cannot be locked.
(3): No cap for probe casing and cannot be locked.

Key:

Shallow or 2'-15'
Medium or 25'-40'
Deep or 50'-70'
85'-100'

Entered by: J. Roelke 12/6/2023
Checked By: M. Wagler 12/26/2023

Bi-weekly - System Inspection Log
Landfill Gas Extraction and Leachate Pump System
WDNR - Refuse Hideaway Landfill
Middleton, Wisconsin

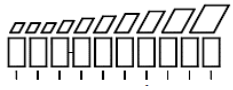
TRC Operator Name: J. Roelke
Date: 12/5/2023 Arrival Time: 12:14 PM Departure Time: 12:45 PM

Site Conditions		Equipment	
Weather Conditions:	cloudy	Gas/Instrument Type:	GEMS 2000
Ground Condition:	moist	Serial Number:	11668
Barometric Pressure:	30.08	Date Last Calibrated:	12/5/2023
Barometric Pressure Trend:	rising	Method:	standard field calibration gas
Temperature:	35 °F	Pressure Instrument:	Dwyer Manometer

Landfill Gas Extraction System[1]

System	*Location*	*Tag #*	*Equipment Description*	*Set Point*	*Typical Range*	*Field Reading*
Blower Motor	Remote	GHS-BLR-301	Amperage	-	3 - 4 amps	3.4
			Speed	-	1800 - 1900 rpm	1517.17
			Frequency	-	30 - 35 Hz	25.47
	HMI		Amperage	-	3 -4 amps	3.3
	HMI		Speed	-		35
	HMI		Hours	-	-	10184
Blower Operating (yes). Note excessive noise or issues observed.				No issues observed with blower operation.		
Blower Inlet	HMI	PT-301	Blower Inlet Vacuum	7 in. w.c.	7 in. w.c.	-7.0
	HMI	TE-301	Blower Inlet Temperature	-	50 - 90 °F	45
	Local	GHS-PI-301	Blower Inlet Vacuum	7 in. w.c.	7 in. w.c.	-6.91
	Local	GHS-TI-301	Blower Inlet Temperature	-	50 - 90 °F	40
	Local	Sample Port	Gas Composition - % Methane	-		6.6
			Gas Composition - % CO2	-		7.7
			Gas Composition - % Oxygen	-		15.7
			Gas Composition - % Balance	-		70.0%
Demister	Local	GHS-PDI-301	Demister Differential Pressure	-	1-2 in w.c	1.1
	Local		Slight Glass: Liquid Present	-	-	none
	HMI	LS-701	Level Indication	-	-	-
Blower Outlet	HMI	PT-302	Blower Outlet Flow Pressure	-	-	0.1
	HMI	TE-302	Blower Outlet Temperature	-	50 - 90 °F	51
	HMI	PDT-301	Blower Outlet Flow Differential Pressure	-	1-2 in w.c	1.01
	HMI	-	Blower Outlet Flow Rate	-	180 - 190 scfm	150
	Local	GHS-PI-302	Blower Outlet Flow Pressure	-	-	0.17
	Local	GHS-TI-302	Blower Outlet Temperature	-	50 - 90 °F	48
	Local	Sample Port	Gas Composition - % Methane	-		6.6
			Gas Composition - % CO2	-		7.7
			Gas Composition - % Oxygen	-		15.7
			Gas Composition - % Balance	-		70.0%
Branch Headers	Local	North	North Branch Vacuum	-	6 - 7 in w.c.	-6.2
	Local	North	Valve Position	6 turns open /6	6 turns open	6
	Local	North Sample Port	Gas Composition - % Methane	-		17.9
			Gas Composition - % CO2	-		13.2
			Gas Composition - % Oxygen	-		12
			Gas Composition - % Balance	-		56.9%
	Local	Central	Central Branch Vacuum	-	6 - 7 in w.c.	-6.03
	Local	Central	Valve Position	-	6 turns open	6
	Local	Central Sample Port	Gas Composition - % Methane	-		4.3
			Gas Composition - % CO2	-		5.9
			Gas Composition - % Oxygen	-		16.7
			Gas Composition - % Balance	-		73.1%
	Local	South	South Branch Vacuum	-	6 - 7 in w.c.	-6.19
	Local	South	Valve Position	-	6 turns open	6
	Local	South Sample Port	Gas Composition - % Methane	-		7.5
			Gas Composition - % CO2	-		8.8
			Gas Composition - % Oxygen	-		15.2
			Gas Composition - % Balance	-		68.5%

Air Compressor System[1,3,4] (Off Line)								
Operational Settings	Pressure Set Points					Condensate Set Points		
	Tank Low (psi)	Tank High (psi)	Well Field (psi)	On (min.)	Off (min.)	Open (sec.)	Closed (min.)	Test Operation

Air Dryer System[2] (Off Line)		Electrical Status		HMI Heater/Air Conditioner	
System Operational:	YES	3-Phase Power Indicator:	3 of 3	Operational	Yes
Condensate Drain Operational:	YES	GFI 1 Status:	(Green)	Temperature	42 °F
Alarm Indictor:	OFF	GFI 2 Status:	(Green)	Filter Cleaned	No
Condenser Cleaned[2]:	NO	**Leachate Tank/Loadout**			
Dew Point Indicator:		Liquid Level (inches):	32.5	Visual Check:	
	Indicate which bars are green(G) or red (R) and note (F) if flashing.	***Contact WDNR if level is above***	**71**	· Evidence of Tank Overflow:	No
		Leak Detection Test Completed:	No	· Inspect concrete pad and storm sewer for damage or backup	
		Overfill Float Functional[5]:	Yes		
		Exhaust Stack			
		Drain Stack Sump (vol. removed)	0.75 gallons	Stack Condition[4]: good	

1. Check all air lines and gas extraction lines for leaks during each site visit. Drain inline air filters and replace as needed.

2. Air Dryer - Clean the condenser monthly using an air jet (max. 2 bar / 30 psig) inside out. Make sure not to damage the aluminum lamellae of the cooling package.

3. On a quarterly basis change the oil and check/clean the air filters and intercoolers for the air compressor.

4. Inspect mounting brackets and bolts for the air compressor and effluent stack for tightness.

5. Test overfill float operation on a monthly basis.

Comments/Notes: Heat tape is in working order, warm to the touch. Stack sump drained

Data Entered By: J. Roelke 12/5/2023
Checked By: M. Wagler 12/26/2023

LANDFILL GAS MONITORING FORM
REFUSE HIDEAWAY GAS MONITORING PROGRAM (EPA ID: WID980610604, Facility ID: 113112010)

			STARTING	ENDING
TECHNICIAN(S):	J. Roelke	DATE:	12/21/23	12/21/23
GAS/INSTRUMENT TYPE:	GEM 2000	TIME:	8:22 AM	11:05 AM
SERIAL NO.:	11668	BAROMETRIC PRESSURE [25]	30.36 in. Hg	30.36 in. Hg
DATE LAST CALIBRATED:	12/21/2023	BAROMETRIC TREND [46381]	rising	rising
METHOD:	Standard Calibration Gases	WEATHER CONDITIONS:	cloudy	cloudy
PRESSURE INSTRUMENT:	Dwyer Digital Manometer	TEMPERATURE [21]	36 °F	36 °F
Project #		GROUND CONDITIONS [No DNR ID]:	dry	dry

Well No.	Time	Well Temp. (°F)	Available Header Pressure (in. W.C.)	Applied Well Pressure (in. W.C.)	Differential Pressure (in. W.C.)	Final Well Pressure (in. W.C.)	Final Deferential Pressure (in. W.C.)	Estimated Gas Flow (scfm)	Methane (%, by vol.)	Carbon Dioxide (%, by vol.)	Oxygen (%, by vol.)	Initial Valve Setting (% open)	Final Valve Setting (% open)	Pump Counter
GW-1	8:54	34	-5.51	-0.06	0.01	-0.3	0.01	-	23.7	31.6	0.2	0.5 / 12	0.75 / 12	Counter #: NM
GW-2	9:03	32	-5.39	-0.36	0.03	-0.36	0.03	-	0.2	0.3	20.4	0.00 / 12	0.00 / 12	Counter #: NM
GW-3	9:12	48	-5.30	-5.04	0.17	-5.17	0.17	-	30.2	31.1	0.20	5.00 / 12	5 / 12	Counter #: NM
GW-4	9:16	36	-5.26	-0.28	0.03	-0.28	0.03	-	17.7	21.4	2.0	0.50 / 12	0.5 / 12	Counter #: NM
GW-5	9:21	34	-5.22	-1.21	0.02	-0.92	0.01	-	22.5	15.5	9.5	0.50 / 12	0.25 / 12	Counter #: NM
GW-6	10:26	40	-5.78	-3.16	0.01	-3.16	0.01	-	26.9	30.5	0.2	1.50 / 12	1.50 / 12	Counter #: NM
GW-7	10:21	38	-5.55	-5.51	0.02	-5.51	0.02	-	35.1	28.3	0.7	7.00 / 12	7.00 / 12	Counter #: NM
GW-8	10:16	36	-5.45	-5.41	0.04	-5.42	0.04	-	58.9	18.5	3.1	3.50 / 12	5.00 / 12	Counter #: NM
GW-9	10:11	34	-5.36	-0.20	0.01	-0.20	0.01	-	6.8	5.4	12.4	0.25 / 12	0.25 / 12	Counter #: NM
GW-10	10:06	36	-6.05	-0.69	0.01	-0.69	0.01	-	28.9	25.4	.3	0.5 / 12	0.50 / 12	Counter #: NM
GW-11	9:48	36	-5.84	-5.72	0.18	-4.72	0.14	-	7.7	4.1	16.5	1.5 / 12	0.75 / 12	Counter #: NM
GW-12	9:53	40	-6.01	-2.03	0.01	-1.54	0.01	-	21.1	14.0	12.0	0.750 / 12	0.5 / 12	Counter #: NM
GW-13	9:59	38	-5.97	-3.45	0.01	-1.21	0.01	-	26.7	16.4	10.7	0.75 / 12	0.50 / 12	Counter #: NM

Notes:
(1): Sample port frozen and no measurement taken.
(2): Air compressor system was down and no counter numbers were reported.
"NA" = Data Not Available
"NM" = Not Monitored

Data Entered By: J. Roelke 12/28/2023
Checked By: M. Wagler 1/3/2024

Quarterly System Inspection Log
Landfill Gas Extraction and Leachate Pump System
WDNR - Refuse Hideaway Landfill
Middleton, Wisconsin

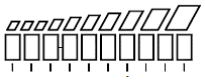
TRC Operator Name: John Roelke
Date: 12/21/2023 **Arrival Time:** 8:22 AM **Departure Time:** 11:02 AM

Site Conditions	Initial[1]	Final[2]	Equipment	
Weather Conditions:	Cloudy	Cloudy	Gas/Instrument Type:	GEMS 2000
Ground Condition:	Dry	Dry	Serial Number:	11668
Barometric Pressure:	30.36	30.36	Date Last Calibrated:	12/21/2023
Barometric Pressure Trend:	Rising	Rising	Method:	Standard field calibration
Temperature:	36 °F	36 °F	Pressure Instrument:	Dwyer Series 475 Manometer

Landfill Gas Extraction System[3]

System	*Location*	*Tag #*	*Equipment Description*	*Set Point*	*Typical Range*	*Initial Field Reading [1]*	*Final Field Reading [2]*
Blower Motor	Remote	GHS-BLR-301	Amperage	-	3 - 4 amps	3.34	--
			Speed	-	1800 - 1900 rpm	1513	--
			Frequency	-	30 - 35 Hz	25.41	--
	HMI		Amperage	-	3 -4 amps	3.3	--
	HMI		Speed	-		35	--
	HMI		Hours	-	-	10445	--
Blower Operating (YES). Note excessive noise or issues observed.							
Blower Inlet	HMI	PT-301	Blower Inlet Vacuum	7 in. w.c.	7 in. w.c.	-7	-7
	HMI	TE-301	Blower Inlet Temperature	-	50 - 90 °F	42	46
	Local	GHS-PI-301	Blower Inlet Vacuum	7 in. w.c.	7 in. w.c.	-6.82	-6.9
	Local	GHS-TI-301	Blower Inlet Temperature	-	50 - 90 °F	36	48
	Local	Sample Port	Gas Composition - % Methane	-		7.5	7.3
			Gas Composition - % CO2	-		7.8	8.5
			Gas Composition - % Oxygen	-		15.7	15.0
			Gas Composition - % Balance	-		69%	69%
Demister	Local	GHS-PDI-301	Demister Differential Pressure	-	1-2 in w.c	1.5	--
	Local		Slight Glass: Liquid Present	-	-	no	--
	HMI	LS-701	Level Indication	-	-	--	--
Blower Outlet	HMI	PT-302	Blower Outlet Flow Pressure	-	-	0.1	0.1
	HMI	TE-302	Blower Outlet Temperature	-	50 - 90 °F	48	49
	HMI	PDT-301	Blower Outlet Flow Differential Pressure	-	1-2 in w.c	1.02	1.03
	HMI	-	Blower Outlet Flow Rate	-	180 - 190 scfm	150	151
	Local	GHS-PI-302	Blower Outlet Flow Pressure	-	-	0.16	0.12
	Local	GHS-TI-302	Blower Outlet Temperature	-	50 - 90 °F	44	48
	Local	Sample Port	Gas Composition - % Methane	-		7.6	7.4
			Gas Composition - % CO2	-		7.8	8.4
			Gas Composition - % Oxygen	-		15.9	15.1
			Gas Composition - % Balance	-		68.7%	69.1%
Branch Headers	Local	North	North Branch Vacuum	-	6 - 7 in w.c.	-6.06	-6.06
	Local	North	Valve Position	6 turns open /6	6 turns open	6	6
	Local	North Sample Port	Gas Composition - % Methane	-		19.9	18.8
			Gas Composition - % CO2	-		13.8	14.3
			Gas Composition - % Oxygen	-		11.7	10.2
			Gas Composition - % Balance	-		54.6%	56.7%
	Local	Central	Central Branch Vacuum	-	6 - 7 in w.c.	-5.87	-5.86
	Local	Central	Valve Position	-	6 turns open	6	6
	Local	Central Sample Port	Gas Composition - % Methane	-		4.9	4.8
			Gas Composition - % CO2	-		5.8	5.9
			Gas Composition - % Oxygen	-		17.2	16.7
			Gas Composition - % Balance	-		72.1%	72.6%
	Local	South	South Branch Vacuum	-	6 - 7 in w.c.	-6.05	-6.04
	Local	South	Valve Position	-	6 turns open	6	6
	Local	South Sample Port	Gas Composition - % Methane	-		9.0	8.9
			Gas Composition - % CO2	-		9.1	10.4
			Gas Composition - % Oxygen	-		15.3	14.0
			Gas Composition - % Balance	-		67.0%	66.7%

Air Compressor System[3,5,6] (Offline)								
Operational Settings	Pressure Set Points					Condensate Set Points		
	Tank Low (psi)	Tank High (psi)	Well Field (psi)	On (min.)	Off (min.)	Open (sec.)	Closed (min.)	Test Operation
	NOT OPERATING							(yes/no)

Air Dryer System[4] (Offline)		Electrical Status		HMI Heater/Air Conditioner	
System Operational:	Yes	3-Phase Power Indicator:	3 of 3	Operational	Yes
Condensate Drain Operational:	Yes	GFI 1 Status:	GREEN	Temperature	50 °F
Alarm Indictor:	Off	GFI 2 Status:	GREEN	Filter Cleaned	no
Condenser Cleaned[2]:	No	**Leachate Tank/Loadout**			
Dew Point Indicator:		Liquid Level (inches):	28.75	Visual Check:	
	Indicate which bars are green(G) or red (R) and note (F) if flashing.	***Contact WDNR if level is above***	71 inches	· Evidence of Tank Overflow:	No
		Leak Detection Test Completed:	no	· Inspect concrete pad and storm sewer for damage or backup	
		Overfill Float Functional[7]	yes		
		Exhaust Stack			
		Drain Stack Sump (vol. removed)	0.5 Gallon	Stack Condition[6]: Good	

1. Initial site conditions represents readings collected upon arrival to the site and initial field readings are collected prior to the landfill balancing.

2. Final site conditions represents readings collected upon departure from the site and final field readings are collected following the landfill balancing.

3. Check all air lines and gas extraction lines for leaks during each site visit. Drain inline air filters and replace as needed.

4. Air Dryer - Clean the condenser monthly using an air jet (max. 2 bar / 30 psig) inside out. Make sure not to damage the aluminum lamellae of the cooling package.

5. On a quarterly basis change the oil and check/clean the air filters and intercoolers for the air compressor.

6. Inspect mounting brackets and bolts for the air compressor and effluent stack for tightness.

7. Test overfill float operation on a monthly basis.

Comments/Notes:

NM - Not Measured

Heat tape is in working order, warm to the touch. Leachate was sampled for metals.

Additional Quarterly Tasks:

Change Air Compressor Oil: NO

Clean Air Filters/Intercoolers for Air Compressor: NO

Check Locks YES

Check Signage Signage needs to be filled out, previous content is no longer legible.

Data Entered By: J. Roelke 1/2/2024

Checked By: M. Wagler 1/3/2024

Cap Inspection
Note: Photograph all issues encountered during inspection Note: Keep vehicle traffic to gravel roadways, avoid driving on the landfill surface
Is the landfill surface covered in snow (N)
Inspect the landfill surface when not covered in snow. Describe the condition and any issues observed for each category below:
Cap integrity: - Cap integrity is acceptable -Fencing around GW-1 and GW-2 is damaged but still provides well protection from mowing operations (see photo #6). -GW-2 and GW-4 on the south side have wildlife burrowing inside the fencing (see photo #5) - Snow fencing was installed to protect the airlines for the Gas Extraction Wells during mowing events at GW-2, GW-4, GW-7, GW-8, GW-9, GW-10, GW-11, GW-12, GW-13 (see photo #6 and #7). Protective fencing remains in place.
Condition of drainage ways: West Drainage Ditch - During the May 2023 inspection, areas of vegetation die off were observed at the drainage path to the north. This area was previously regraded during the 2020-2021 grading work at the site. Currently, the area showed improvement but will still be monitored moving forward. East Drainage Ditch - Drainage ways are acceptable with minimal to no changes form previous conditions aside from those described below.
Extent of vegetation cover: Vegetation cover is acceptable over the majority of the site. Various areas were reseeded and ground cover was applied in the fall of 2022. Some bare spots were observed (see photo #3 and #4). Per discussion with the WDNR, TRC will evaluate the areas in Spring of 2024 and apply seed as needed at that time.
Significant erosion: No evidence of significant erosion was observed at the site.
Repeated erosion: No evidence of significant erosion was observed at the site.
Vegetation die-off: Areas at the west drainage ditch and east drainage ditch previously showed signs of vegetation die-off and were reseeded in the fall of 2022. Ground cover in these areas remains and TRC will continue to monitor and apply seed as needed in 2024. (see photo #1).
Maintain surface water conveyances and the sedimentation basin by completing the following:
Inspect drainage ditches for erosion, blockages, and vegetation, describe and note any issues: Evidence of erosion at the eastern drainage ditch above the sediment basin was observed. Vegetation is in place, but ruts are starting to form (See photo #2). TRC will continue to monitor the area.
Inspect sedimentation basin banks and outfalls for erosion, describe and note any issues: No erosion or other issues at sedimentation basin banks or outfalls.
Measure the distance between the invert of the sedimentation basin outlet and the top of the sediments accumulated in the basin **(June Only!)**: NM

Inspected By: J. Roelke 12/21/2023
Checked By: A.Stehn 1/16/2024

Attachment 2

Laboratory Analytical Report – Leachate Sample

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Roelke
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 1/8/2024 4:41:55 PM

JOB DESCRIPTION

Refuse LF Leachate - 457573

JOB NUMBER

500-244292-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization

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1/8/2024 4:41:55 PM

Authorized for release by
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Job ID: 500-244292-1 — Eurofins Chicago

Job Narrative
500-244292-1

Receipt
The sample was received on 12/22/2023 10:45 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.3º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Client Sample ID: Leachate

Lab Sample ID: 500-244292-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	2.1	J	10	1.8	ug/L	1		6010D	Total Recoverable
Nickel	5.4	J	10	1.9	ug/L	1		6010D	Total Recoverable
Zinc	10	J	20	5.0	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-244292-1	Leachate	Water	12/21/23 10:50	12/22/23 10:45

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Client Sample ID: Leachate

Date Collected: 12/21/23 10:50
Date Received: 12/22/23 10:45

Lab Sample ID: 500-244292-1

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.43		2.0	0.43	ug/L		01/05/24 09:05	01/05/24 20:50	1
Chromium	<1.7		10	1.7	ug/L		01/05/24 09:05	01/05/24 20:50	1
Copper	**2.1**	**J**	10	1.8	ug/L		01/05/24 09:05	01/05/24 20:50	1
Lead	<2.7		5.0	2.7	ug/L		01/05/24 09:05	01/08/24 12:28	1
Molybdenum	<3.8		10	3.8	ug/L		01/05/24 09:05	01/05/24 20:50	1
Nickel	**5.4**	**J**	10	1.9	ug/L		01/05/24 09:05	01/05/24 20:50	1
Selenium	<5.3		10	5.3	ug/L		01/05/24 09:05	01/05/24 20:50	1
Silver	<1.5		5.0	1.5	ug/L		01/05/24 09:05	01/08/24 12:28	1
Zinc	**10**	**J**	20	5.0	ug/L		01/05/24 09:05	01/05/24 20:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20	0.079	ug/L		01/03/24 14:35	01/04/24 08:34	1

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Metals

Prep Batch: 748949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-244292-1	Leachate	Total/NA	Water	7470A	
MB 500-748949/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-748949/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 749085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-244292-1	Leachate	Total/NA	Water	7470A	748949
MB 500-748949/12-A	Method Blank	Total/NA	Water	7470A	748949
LCS 500-748949/13-A	Lab Control Sample	Total/NA	Water	7470A	748949

Prep Batch: 749242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-244292-1	Leachate	Total Recoverable	Water	3005A	
MB 500-749242/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-749242/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 749433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-244292-1	Leachate	Total Recoverable	Water	6010D	749242
MB 500-749242/1-A	Method Blank	Total Recoverable	Water	6010D	749242
LCS 500-749242/2-A	Lab Control Sample	Total Recoverable	Water	6010D	749242

Analysis Batch: 749519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-244292-1	Leachate	Total Recoverable	Water	6010D	749242
MB 500-749242/1-A	Method Blank	Total Recoverable	Water	6010D	749242
LCS 500-749242/2-A	Lab Control Sample	Total Recoverable	Water	6010D	749242

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-749242/1-A
Matrix: Water
Analysis Batch: 749433

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 749242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.43		2.0	0.43	ug/L		01/05/24 09:05	01/05/24 20:34	1
Chromium	<1.7		10	1.7	ug/L		01/05/24 09:05	01/05/24 20:34	1
Copper	<1.8		10	1.8	ug/L		01/05/24 09:05	01/05/24 20:34	1
Molybdenum	<3.8		10	3.8	ug/L		01/05/24 09:05	01/05/24 20:34	1
Nickel	<1.9		10	1.9	ug/L		01/05/24 09:05	01/05/24 20:34	1
Selenium	<5.3		10	5.3	ug/L		01/05/24 09:05	01/05/24 20:34	1
Zinc	<5.0		20	5.0	ug/L		01/05/24 09:05	01/05/24 20:34	1

Lab Sample ID: MB 500-749242/1-A
Matrix: Water
Analysis Batch: 749519

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 749242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<2.7		5.0	2.7	ug/L		01/05/24 09:05	01/08/24 12:21	1
Silver	<1.5		5.0	1.5	ug/L		01/05/24 09:05	01/08/24 12:21	1

Lab Sample ID: LCS 500-749242/2-A
Matrix: Water
Analysis Batch: 749433

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 749242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	50.0	50.7		ug/L		101	80 - 120
Chromium	200	211		ug/L		105	80 - 120
Copper	250	259		ug/L		104	80 - 120
Molybdenum	1000	1030		ug/L		103	80 - 120
Nickel	500	512		ug/L		102	80 - 120
Selenium	100	99.1		ug/L		99	80 - 120
Zinc	500	534		ug/L		107	80 - 120

Lab Sample ID: LCS 500-749242/2-A
Matrix: Water
Analysis Batch: 749519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 749242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	100	102		ug/L		102	80 - 120
Silver	50.0	51.4		ug/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-748949/12-A
Matrix: Water
Analysis Batch: 749085

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 748949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20	0.079	ug/L		01/03/24 14:35	01/04/24 08:30	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-748949/13-A
Matrix: Water
Analysis Batch: 749085

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 748949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.01	1.93		ug/L		96	80 - 120

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: Refuse LF Leachate - 457573

Job ID: 500-244292-1

Client Sample ID: Leachate

Date Collected: 12/21/23 10:50
Date Received: 12/22/23 10:45

Lab Sample ID: 500-244292-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			749242	BDE	EET CHI	01/05/24 09:05 - 01/05/24 15:05 [1]
Total Recoverable	Analysis	6010D		1	749519	SJ	EET CHI	01/08/24 12:28
Total Recoverable	Prep	3005A			749242	BDE	EET CHI	01/05/24 09:05 - 01/05/24 15:05 [1]
Total Recoverable	Analysis	6010D		1	749433	SJ	EET CHI	01/05/24 20:50
Total/NA	Prep	7470A			748949	MJG	EET CHI	01/03/24 14:35 - 01/03/24 16:35 [1]
Total/NA	Analysis	7470A		1	749085	MJG	EET CHI	01/04/24 08:34

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-244292-1
Project/Site: Refuse LF Leachate - 457573

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: John Roelke	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 239982 500-118867-46275 1
Client Contact: John Roelke	Phone:	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #: 500-244292

Address: 999 Fourier Drive, Suite 101	Due Date Requested:	
City: Madison	TAT Requested (days):	
State, Zip: WI, 53717	Compliance Project: Δ Yes Δ No	
Phone: (608) 444-7465	PO #: Purchase Order Requested	
Email: jroelke@trccompanies com	WO #:	
Project Name: Refuse LF Leachate 457573	Project #: 50020017	
Site: Refuse LF	SSOW#:	

500-244292 COC

Preservation Codes

A HCL	M - Hexane
B NaOH	N - None
C Zn Acetate	O AsNaO2
D Nitric Acid	P Na2O4S
E NaHSO4	Q Na2SO3
F MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I Ice	U - Acetone
J - DI Water	V MCAA
K EDTA	W - pH 4-5
L EDA	Y - Trizma
	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D		
1 Leachate	12/21/23	10:50	G	Water	N	N	X		

Possible Hazard Identification
Δ Non-Hazard Δ Flammable Δ Skin Irritant Δ Poison B Δ Unknown Δ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Δ Return To Client Δ Disposal By Lab Δ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	12/21/23 13:30	TRC		12/22/23 1045	ETR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.4-0.3

1/8/2024

Ver: 06/08/2021

500-244292 Waybi


JOHN ROELKE
TRC ENVIRONMENTAL CORPORATION
999 FOURIER DR
SUITE 101
MADISON, WI 53717
UNITED STATES US

ACTWGT: 20.00 LB MAN
CAD: 0780307/CAFE3755

Part # 159469-434 MTW EXP 01/24

TO SAMPLE RECEIPT
EUROFINS CHICAGO
2417 BOND ST.

UNIVERSITY PARK IL 60484
(708) 534-5200 REF:
INV:
PO: DEPT:

RMA:

FedEx Express

FedEx
TRK# 0221 7163 1500 7666

FRI - 22 DEC 12:00P
PRIORITY OVERNIGHT

60484
IL US ORD

XP JOTA

Part # 156297-435 RRD EXP 11/24

5-5510

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-244292-1

Login Number: 244292
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Attachment 3

Cap Inspection Photographic Log

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Natural Resources (WDNR)	Refuse Hideaway Landfill Middleton, WI	TRC # 457573

Photo No.	Date
1	12/21/2023

Description

Eastern Drainage Ditch:
Bare spots are present to the north, above the drainage way and may require reseeding in Spring of 2024.

Photo No.	Date
2	12/21/2023

Description

Eastern Drainage Ditch:
Evidence of erosion starting to occur was observed at the north portion of the eastern drainage ditch leading to the sediment basin. Vegetation is still intact but ruts are starting to form.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Natural Resources (WDNR)	Refuse Hideaway Landfill Middleton, WI	TRC # 457573

Photo No.	Date
3	12/21/2023

Description

Eastern Landfill Extents

Reseeding and ground cover was previously applied in the Fall of 2022. Some bare spots remain and will may require reseeding in Spring 2024.

Photo No.	Date
4	12/21/2023

Description

Eastern Landfill Extents

Reseeding and ground cover was previously applied in the Fall of 2022. Some bare spots remain and may require reseeding in Spring 2024.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Natural Resources (WDNR)	Refuse Hideaway Landfill Middleton, WI	TRC # 457573

Photo No.	Date
5	12/21/2023

Description

Southern Landfill Extents

GW-2 and GW-4 have wildlife burrowing inside the fencing.

Photo No.	Date
6	12/21/2023

Description

Southern Landfill Extents:

GW-1 and GW-2(shown) protective fences are falling apart. Fences still provide protection during mowing operations.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Natural Resources (WDNR)	Refuse Hideaway Landfill Middleton, WI	TRC # 457573

Photo No.	Date
7	12/21/2023

Description

Northern Landfill Extents:
Cap remains in good condition with full vegetation cover.