Meliadine Gold Mine
NWB 2AM-MEL1631
November 2025 Monthly Report

Prepared for:
Nunavut Water Board

Prepared by:
Agnico Eagle Mines Limited – Meliadine Division

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SECTION 1 • BACKGROUND

As required under Part I, Item 8 of amended Type A Water License 2AM-MEL1631, this report documents the water management and monitoring activities at the mine site and provides a summary of spills/actions for the month of November 2025.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Table 2.1 details monthly water usage approved under Water License 2AM-MEL1631.

Table 2.1: Summary of the monthly water usage in 2025

Usage	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2025 Total
MEL-11[1]	m^3	40,096	44,128	50,163	46,201	53,972	33,147	54,531	52,989	47,956	55,804	55,946	-	534,933
Dust suppression[2]	m^3	0	0	0	0	0	0	0	0	-	0	0	-	0.00
Dust suppression[3]	m^3	0	0	0	0	174	665	1,286	945	821	449	0	-	4,338

2.2 DEWATERING ACTIVITIES

No dewatering activities took place during the month.

2.3 WATER DISCHARGE

Table 2.3 details monthly water discharge, including:

- discharge from the EWTP to Meliadine Lake via the Final Discharge Point (MEL-14);
- discharge of treated saline effluent to Melvin Bay via the Final Discharge Point (MEL-26), and
- discharge from the Itivia fuel containment facility (MEL-25).

Table 2.3: Summary of the monthly water discharge in 2025

[1] Camp, Mill, Dust suppression

[2] Water obtained along AWAR/Meliadine River

[3] Reclaim water obtained from CP1 or other Contact Water management facilities and used for dust suppression on site

Location	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2025 Total
MEL-14	m^3	0	0	0	0	0	326,050[4]	403,228	314,572	77,018	72,956	0	-	1,193,824
MEL-26	m^3	0	0	0	0	0	0	0	0	0	0	0	-	0
MEL-25	m^3	0	0	0	0	0	0	0	1,500	0	0	0	-	1,500

2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL AND LANDFARM

The 2AM-MEL1631 landfill and landfarm were commissioned in November 2017. No seepage or runoff was observed during the month.

As per the approved Landfill (Stage 4) Berm Raise Design Report and Monitoring station MEL-24 description Modification, water accumulated inside the landfill is pumped towards Pond H13, which is the current location seepage from the landfill flows towards.

2.5 SEWAGE TREATMENT PLANT

Table 2.5 details monthly discharge from the Sewage Treatment Plant (STP), including the treated wastewater discharge to CP1 and sludge removed and disposed of in the WRSF.

Table 2.5: Summary of the monthly disposal/discharge from the STP in 2025

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2025 Total
Wastewater Discharge (m^3)		4,973	4,474	4,930.4	4,876.5	5015.9	4,823	4,989	5,226	5,102	5,259	4,929	-	54,595
Sewage Sludge	Amount (m^3)	12	10	12.40	11.20	9.4	10.5	10.1	10.9	9.1	11.9	10.5	-	117.95
	Disposal Location	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	-	-

2.6 MONITORING ANALYTICAL DATA

One (1) sample related to the Water Licence was taken during the month. The analytical results are presented in Appendix.

[4] Volume of water discharge in Meliadine Lake in June was updated in July monthly report.

SECTION 3 • MATERIAL MANAGEMENT

3.1 LANDFILL / LANDFARM

Table 3.1 details quarterly Landfill and Landfarm survey results, as well as the amount of material placed in the Landfarm every month.

Table 3.1: Summary of the monthly disposal in the Landfarm and quarterly survey volumes of Landfill and Landfarm

Location	Unit	Q1			Q2			Q3			Q4			2025 Total
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Landfill (Survey)	m^3	33,105			27,277			27,190			27,190			-
Landfarm (Survey)	m^3	849[5]			712			704			704			-
Landfarm[6]	m^3	2	0.8	23.85	17.8	80.01	3	25.05	9.50	4.75	71	5.25	-	243.01

[5] From landfarm survey conducted in November 2024. Surveys of the Landfarm are generally not conducted during the winter months, as the presence of snow would not allow a representative survey of the soil quantity.
[6] Amount of contaminated solid material (soil) placed in the Landfarm or lined sorting area.

3.2 ORE, WASTE ROCK STORAGE FACILITY, TAILINGS

Table 3.2 details monthly material management, including processed ore, waste rock, and tailings.

Table 3.2: Summary of the monthly material management in 2025

Material (tonnes)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Cumulative 2025
Processed Ore		158,386	189,690	209,731	196,665	226,886	121,619	236,015	203,612	187,493	228,914	225,861	-	2,184,872
Waste Rock	Removed from open pit mining	382,704	369,748	457,569	528,808	610,631	242,664	460,794	390,587	341,553	319,705	380,175	-	4,484,938
	Removed from underground mining	99,563	87,430	89,629	80,238	50,097	65,115	62,408	59,047	91,143	81,747	99,602	-	866,020
	Used as underground dry rockfill	44,117	47,159	56,034	47,094	50,097	48,215	53,501	44,927	43,209	30,763	41,498	-	506,614
Tailings	Send to TSF	128,762	161,625	176,249	169,507	192,605	106,322	214,306	177,294	159,650	200,154	183,897	-	1,870,371
	Used as paste underground backfill	29,624	28,065	33,482	27,158	34,281	15,297	21,709	26,318	27,843	28,760	41,964	-	314,501

SECTION 4 SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

Spills reported internally are listed in the table 4.1 and were managed according to Agnico Eagle's spill contingency plan. Spills were contained and cleaned up, contaminated material was disposed of in an appropriate manner, and the clean-up actions were monitored closely by the Environment Department. One (1) reportable spills occurred during the month (Refer to the gray shading in Table 4.1).

Table 4.1: Summary of Agnico Eagle's Spill Reports during the month

Date and time of occurrence	Contaminant	Estimated quantity	Exact location of incident	Description of incident	Describe immediate corrective actions
Sunday, November 02, 2025 10:00:00 PM	Hydraulic oil	15L	Burn Pad	While emptying roll-off bins at the burn pad, a hydraulic line on the boom disconnected, causing a spill of approximately 15 liters of hydraulic oil.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at the Landfarm.
Wednesday, November 05, 2025 3:00:00 PM	Diesel fuel	40L	East Vent Raise	When the East vent raise was started, a fuel pump regulator was set too high, resulting in a spill of approximately 40 liters of diesel.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin.
Wednesday, November 05, 2025 3:00:00 PM	Glycol	25L	East Vent Raise	When the vent raise was started, the glycol return line leaked causing a spill of 25L of glycol.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin.
Thursday, November 06, 2025 8:30:00 AM	Hydraulic oil	0.5L	Core Shack Dome	Hamlet water truck leaked from PTO causing a spill of 0.5L of hydraulic oil.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at the Landfarm.
Saturday, November 08, 2025 4:30:00 PM	Hydraulic oil	0.2L	Warehouse Pad1	While placing a barrel of hydraulic oil on a skid, the fork struck the barrell, puncturing a small hole in its side. Approximately 200 ml of oil leaked inside the C-can.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin.
Friday, November 14, 2025 11:00:00 AM	Transmission fluid	1L	KCG Parking	Approximately 1 liter of transmission fluid leaked at the truck's	Contaminated material (snow) was scrapped and disposed of in the

				parking location due to a transmission failure	contaminated snow cell.
Saturday, November 15, 2025 11:30:00 PM	Coolant	20L	TIRI01	While driving an excavator up the TIRI01 ramp, the operator realized that the radiator was damaged and leaking on the ground.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in quatrex bag.
Tuesday, November 18, 2025 7:00:00 AM	Transmission fluid	5L	Haul Road	After the haul truck displayed a low transmission fluid code, the operator stopped to inspect and discovered approximately 5 liters had leaked onto the ground	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at the Landfarm.
Wednesday, November 19, 2025 8:30:00 AM	Sewage	10L	Main Camp	While driving the vacuum truck on his sewage transfer route, a Surface Operations employee noticed that sewage was leaking from the discharge valve behind the truck. The employee stopped the truck and realized that approximately 10L of sewage spilled onto the ground behind the Gymnasium.	The Surface Operations employee reached out to their supervisor for help in stopping the spill. They immediately started remediation using an excavator. Contaminated material was then brought to Landfarm A as per the Spill Contingency plan.
Saturday, November 29, 2025 5:30:00 PM	Engine Oil	3L	Portal Muck Pad	A mechanic observed a small oil puddle beneath the boom truck engine. Inspection indicated the engine oil breather likely froze, causing oil to exit through the dipstick.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in quatrex bag.
Sunday, November 30, 2025 12:30:00 AM	Hydraulic oil	22L	TIRI01	While pushing material at the bottom of TIRI01, the loader operator noticed oil on the ground while backing up. Investigation revealed a broken hydraulic hose.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at the Landfarm.

Appendix – Monitoring Analytical Data

	Sample date	11/3/2025
	Sample name	MEL-11
	Sample type	N
	Depth range	-
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.33
Dissolved Oxygen	**%**	91.5
Turbidity	**NTU**	0.5
Conductivity	**ms/cm**	0.127
Hardness, as CaCO3	**mg/L**	34.1
Hardness, as CaCO3-Dissolved	**mg/L**	34.8
Total alkalinity, as CaCO3	**mg/L**	22
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	22
TDS	**mg/L**	45
TDS, calculated	**mg/L**	61
TSS	**mg/L**	< 1
Total organic carbon	**mg/L**	3.4
Dissolved organic carbon	**mg/L**	3.4
WQ03- Major Ions		
Chloride	**mg/L**	16
Cyanide	**mg/L**	< 0.00050
Cyanide (free)	**mg/L**	< 0.00050
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	0.31
Sulfate	**mg/L**	10
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.16
Total phosphorus	**mg/L**	0.046
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0036
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00061
Barium	**mg/L**	0.0099
Beryllium	**mg/L**	< 0.00010

Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00078
Iron	**mg/L**	0.023
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Manganese	**mg/L**	0.0197
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.0553
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	< 0.0030
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00055
Barium	**mg/L**	0.0100
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	10.9
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00074
Iron	**mg/L**	< 0.0050
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Magnesium (Dissolved)	**mg/L**	1.85
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Potassium (Dissolved)	**mg/L**	1.18
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	7.20
Strontium	**mg/L**	0.0600

Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ10- Volatile Organics		
Benzene	**mg/L**	< 0.00020
Ethylbenzene	**mg/L**	< 0.00020
Toluene	**mg/L**	< 0.00020
Xylenes	**mg/L**	< 0.00040
m,p-Xylenes	**mg/L**	< 0.00040
o-Xylene	**mg/L**	< 0.00020
F1 (C6-C10)-BTEX	**mg/L**	< 0.025
F1 (C6-C10)	**mg/L**	< 0.025
F2 (C10-C16)	**mg/L**	< 0.09
F3 (C16-C34)	**mg/L**	< 0.2
F4 (C34-C50)	**mg/L**	< 0.2