Meliadine Gold Mine
NWB 2AM-MEL1631
December 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 December 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	46,234	581,167
Dust suppression[2]	m^3	0	0	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	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).

[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

Table 2.3: Summary of the monthly water discharge in 2025

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	0	1,193,824
MEL-26	m^3	0	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	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	5,050	59,645
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	8.50	126.45
	Disposal Location	WRSF3	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			32,832			-
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	8.15	251.16

[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	166,473	2,351,345
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	320,456	4,805,394
	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	77,604	943,666
	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	37,719	544,333
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	133,675	2,004,046
	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	32,798	347,299

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. Three (3) 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
Tuesday, December 02, 2025 2:00:00 AM	Diesel	60L	Portal 3	At Portal 3, the fuelman began refueling the scoop using fast fuel and then proceeded to refill the DEF on the opposite side of the equipment. During the process, he observed fuel on the ground and, upon inspection, identified that the fuel was discharging from the scoop's vent.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Wednesday, December 03, 2025 9:00:00 AM	Hydraulic Oil	1L	Portal 3	The engine oil breather froze two days prior the incident and was replaced. It appears the breather may have frozen again, or the machine may not have been fully thawed by the frost fighter, resulting in a 1L spill of hydraulic oil.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin.
Thursday, December 04, 2025 12:00:00 AM	Glycol	60L	East Vent Raise	The employee observed pooling beneath the Vent Raise control room, which appeared to be an old spill. Upon investigation, it was determined that the spill originated from Burner 12 heat exchanger valves and gaskets, leaking through gaps in the floor	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 Contaminated Snow cell.
Thursday, December 04, 2025 11:30:00 AM	Sewage and Grey Water	40L	West side of kitchen	An Energy and Infrastructure (E&I) maintenance employee noticed that multiple	The E&I maintenance employee reached out to their supervisor for assistance in assessing

				icicles had formed under the cafeteria's kitchen and bathroom drain line on the exterior of the building.	the situation. It was determined that the kitchen drain line insulation was frozen solid, but the heat trace was still preventing the line from fully freezing. After inspection of the entire line, it was confirmed that the spill was no longer occurring, as no visible drips or moisture were observed along the line. Contaminated material (ice and affected snow) was collected and transported to Landfarm A in accordance with the Spill Contingency plan.
Friday, December 05, 2025 1:45:00 AM	Hydraulic Oil	10L	TIRI01	A hydraulic hose on an haul truck driving in TIRI01 ruptured, likely due to extreme cold. A nearby operator noticed the leak and notified the truck operator.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Saturday, December 06, 2025 12:00:00 PM	Coolant	5L	TIRI01	While draining a drill's water tank at TIRI01, a corroded heating element inside the tank ruptured, causing approximately 5 liters of coolant to spill 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 Contaminated Snow cell.
Saturday, December 06, 2025 3:30:00 PM	Diesel fuel	30L	Gatehouse Generator	An injector return hose split and detached from its fitting, causing fuel to spill into the generator's spill pan. The pan overflowed, resulting in approximately 30 liters of fuel spilling onto the seacan floor and out the door at the gatehouse.	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 Contaminated Snow cell.
Wednesday, December 10, 2025 1:20:00 AM	Hydraulic Oil	65L	TIRI01	Approximately 65 liters of hydraulic oil spilled from a failed hose on a haul truck. While ascending the Tiri 1 ramp with a load, the operator observed a low-level warning on the	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.

				dashboard and informed their supervisor. At the top of the ramp, a high-level warning appeared, prompting the operator to stop the truck. A drip trail approximately 860 meters long was identified.	
Tuesday, December 16, 2025 11:00:00 AM	Diesel	25L	6 Million Fuel Farm	While refueling a haul truck at the Fuel Farm, the operator went inside the station, assuming the pump would shut off automatically. Upon looking outside, he noticed fuel overflowing from the vent near the truck's fuel cap.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Thursday, December 18, 2025 8:00:00 AM	Hydraulic Oil	10L	Pump 2 Automation Pad	The oil cap was dislodged due to engine back pressure, resulting in a spill of approximately 10 liters of hydraulic oil on the Automation Pad	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Friday, December 19, 2025 1:00:00 AM	Diesel	19.23L	Portal 3	While refueling a scoop at Portal 3, the nozzle failed to shut off properly and continued to flow slowly due to cold weather, resulting in a diesel spill of approximately 19.23 liters.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Friday, December 19, 2025 1:30:00 AM	Hydraulic Oil	5L	KCG Yard Parking	While fueling a haul truck, the operator noticed a minor leak from the PTO. The PTO piston seal failed, resulting in a spill of approximately 5 liters of hydraulic oil at the KCG Parking.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Thursday, December 25, 2025 1:00:00 PM	Sewage	6m3	C-Wing lift station	An Energy and Infrastructure (E&I) Maintenance employee was working at the Sewage Treatment Plant (STP) when he suddenly realized that sewage was spilling from an external pipe connected to the C-wing lift station building,	The E&I maintenance team promptly closed the valve to prevent further spillage and immediately notified their supervisor and the Environment Department. Due to the spill occurring beneath ice and snow, access for heavy equipment is

				an emergency wing that is only opened when space at camp is limited. Approximately 6 m3 of sewage over an area of 125 m2 spilled onto the ground between the C-wing and the STP.	currently limited. Sewage has been identified beneath the infrastructure; therefore, remediation will be conducted in spring 2026 for exposed areas and during the Closure phase for material located beneath the infrastructure. All contaminated material will be managed and disposed of in full compliance with the Spill Contingency Plan.
Thursday, December 25, 2025 7:00:00 PM	Diesel	1000L	Power Plant	An Energy and Infrastructure (E&I) Maintenance employee received an after-hours notification that a power plant fuel tank alarm had been triggered. Upon arriving at the site, the employee discovered that the diesel tank was overflowing from its vent, and fuel was pooling beneath the tank.	Upon receiving the alarm notification, the E&I Maintenance employee promptly shut off the tank's supply valve and diverted the excess diesel into the emergency day tanks inside the backup generator. They notified their supervisor and requested assistance from Environment personnel and additional E&I Maintenance staff to contain the spill. Spill pads were used to collect the material. The contaminated snow was excavated by hand and machine and moved to the Snow Cell in accordance with the Spill Contingency Plan.
Friday, December 26, 2025 9:30:00 AM	Hydraulic Oil	2L	Paste Plant	An unreported collision with a manlift damaged the hydraulic oil tank in the Paste Plant yard, resulting in a spill of approximately 2 liters of hydraulic oil. The incident was discovered by the Environment team during an inspection.	Spill pads were deployed to clean up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.
Saturday, December	Hydraulic Oil	20L	WRSF6	A dozer became stuck on a boulder while	Spill pads were deployed to clean up

27, 2025 4:00:00 PM				changing direction on WRSF6, causing damage to the torque converter and resulting in a spill of approximately 20 liters of hydraulic oil.	the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of at Landfarm.

Appendix – Monitoring Analytical Data

MEL-11		12/1/2025
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.24
Dissolved Oxygen	**%**	141.6
Turbidity	**NTU**	0.4
Conductivity	**ms/cm**	0.138
Hardness, as CaCO3	**mg/L**	39.9
Total alkalinity, as CaCO3	**mg/L**	24
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	24
TDS	**mg/L**	100
TDS, calculated	**mg/L**	66
TSS	**mg/L**	< 1
Total organic carbon	**mg/L**	3.5
Dissolved organic carbon	**mg/L**	3.3
WQ03- Major Ions		
Chloride	**mg/L**	18
Cyanide	**mg/L**	< 0.00050
Cyanide (free)	**mg/L**	0.00059
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	0.37
Sulfate	**mg/L**	12
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**	0.21
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	< 0.0030
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00064
Barium	**mg/L**	0.0112
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010

Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00085
Iron	**mg/L**	< 0.010
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Manganese	**mg/L**	0.0034
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**	0.0638
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**	0.00061
Barium	**mg/L**	0.0112
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	11.4
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00082
Iron	**mg/L**	0.0056
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Magnesium (Dissolved)	**mg/L**	1.98
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Potassium (Dissolved)	**mg/L**	1.28
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	7.73
Strontium	**mg/L**	0.0594
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