TABLES

Table 1.1: Current Approvals, Permits and Authorizations - 2025

Permit or Licence No.	Licence Name	Status Update for 2025	Expiry
Nunavut Impact Review Board			
No. 005	Project Certificate - Amendment No. 5	All works and activities have been screened by the Nunavut Impact Review Board (NIRB) and have been considered in the Project Certificate amendments issued by the NIRB in May 2014 (ERP) and October 2018 (Production Increase). An Annual Report is submitted to NIRB each year that summarizes the status of the Project relative to the conditions outlined in the Project Certificate. The most recent amendment (No. 5) extended the Production Increase to the end of 2024.	N/A
Nunavut Water Board			
2AM-MRY2540	Type 'A' Water Licence	In good standing; issued 2025	27-Apr-40
2BE-MRY2131	Type 'B' Water Licence	In good standing; no amendments were issued by the NWB in 2024.	16-Apr-31
Qikiqtani Inuit Association			
Q13C301	Inuit Owned Land Commercial Lease	Compliance with the lease is outlined in the *QIA and NWB Annual Reports* submitted by March 31st of each year.	31-Dec-43
-	Inuit Impact and Benefit Agreement (IIBA)	Compliance with the agreement is outlined in the Annual IIBA Implementation Report submitted by March 31st of each year.	N/A
Crown Land Use Permits and Leases			
47H16-1-2 Lease Amendment 47H/16-1-5	Foreshore Area Lease for Milne Port Ore and Freight Docks	In good standing.	30-Jun-35
N2019Q0011	Tote Road and Borrow Area Land Use Permit	In good standing, new LUP issued in 2019, replaces prior permit N2014Q0016. LUP renewed by CIRNAC until 2026. Renewal application submitted in February 2026.	29-Jun-26
N2019C0009	Steensby Land Use Permit	In good standing, new LUP issued in 2019, replaces prior permit N2014C0013. LUP renewed by CIRNAC until 2026. Will be replaced in 2026 by CIRNAC Lease for Steensby Component of the Mary River Project.	29-Jun-26

Table 1.1: Current Approvals, Permits and Authorizations - 2025

Permit or Licence No.	Licence Name	Status Update for 2025	Expiry
N2019J0010	Bruce Head Land Use Permit	In good standing, new LUP issued in 2019, replaces prior permit N2014J0011. LUP renewed by CIRNAC until 2026. Renewal application submitted in February 2026.	29-Jun-26
Authorizations under the Fisheries Act			
06-HCAA-CA7-0084	Crossings along the Milne Inlet Tote Road Authorization	The authorization remains valid and has been amended over the years.	N/A
NU-06-0084	Fisheries Act Authorization – Tote Road		N/A
18-HCAA-00160	Fisheries Act Authorization – Freight Dock	The Year 5 monitoring report for the Milne Port Freight Dock was submitted to DFO in March 2025, in accordance with regulated timelines. An amendment to the Authorization was issued by DFO in August 2025 to allow construction of additional rocky reef habitat offsetting at Milne Port.	N/A
25-HCAA-01876	Fisheries Authorization - Tote Road Bypass at CV-216 Crossing	Bypass to be completed in 2026 prior to freshet.	31-May-26
Various Letters of Advice	Project crossings along Tote Road and at quarries, culvert extensions and replacements.	-	N/A
Approvals under the Navigable Waters Protection Act (Transport Canada)			
8200-07-10273, 10267, 10269, 10268, 10274, 10272, 10266, 10271	Construction of Watercourse Crossings (Bridges and Culverts)	In good standing, no changes from previous year.	Until complete
2024-613913	Construction of Rocky Reef Habitat Offsetting at Milne Port	Approval issued December 8, 2025.	Until complete
Licence under the Explosives Act			
F76068/E	Division 1 Factory Licence	Held by explosives contractor for the Project.	N/A

Table 2.1: Summary of Project Activities, Modifications and Infrastructure Changes - 2025

Work Plan Item No.	Property Section	Land Use Area	Length (m) or Area (m^2)	Approximate Location (UTM NAD83 Zone 17W)		Description	Annual Work Plan Comparison	Supporting Documentation
				Easting	Northing			
2024-1	Mine Site	Impact Area	788 m	559301	7914067	Fencing at Mary River Aerodrome (788m length)	Not constructed in 2025, cancelled.	N/A
2024-2	Mine Site	Impact Area	5,300 m^2	560092	7914196	QMR2 Quarry Sedimentation Pond (5,300 m^2)	Not constructed in 2025, cancelled.	N/A
2024-3	Mine Site	Impact Area	-	563475	7916397	Leveling and grading within footprint of future Waste Rock Facility expansion to support geotechnical investigation work	Not constructed in 2025, cancelled.	N/A
2024-4	Mine Site	Impact Area	25,000 m^2	561097	7912927	Additional snow stockpiling area	Not constructed in 2025, cancelled.	N/A
2024-5	Mine Site	Impact Area	13,552 m^2	562064	7912823	Development of a laydown area at the Mine Site for temporary storage of equipment and materials (13,552 m^2)	Not constructed in 2025, cancelled.	N/A
2023-1	Mine Site	Impact Area	-	562483	7912740	Water treatment plant for km 105 sedimentation pond	Not constructed in 2025, cancelled.	N/A
2023-2	Mine Site	Impact Area	2,000 m^2	563603	7913149	Expansion of KM 106 stockpile pad to increase road width to accommodate water truck loading area	Not constructed in 2025, cancelled.	N/A
2023-3	Mine Site	Impact Area	-	558333	7914362	Lined containment berm and 15,000 L Jet A Tank at the weatherhaven.	Not constructed in 2025, cancelled.	N/A
2023-4	Tote Road	Impact Area	-	-	-	Replacement of culverts at fish-bearing streams along the Milne Inlet Tote Road to designs exceeding those in the 2013 ERP design.	Construction is ongoing on culvert replacements on the Tote Road, however the non-specific Work Plan Item No. 2023-4 has been removed from the scope of work in the 2026 Work Plan.	N/A
2022-1-B	Mine Site	Impact Area	1,288 m^2	560724	7912733	Expansion of Landfarm Cell 3 (1,288 m^2).	Not constructed in 2025, cancelled.	N/A
2022-2	Mine Site	Impact Area	114,847 m^2	5630983	7912959	Ore stockpiling area at KM 105.5 (114,847 m^2)	Completed.	N/A
2022-4	Mine Site	Impact Area	14,108 m^2	561423	7913097	Mobile equipment laydown and tire facility (14,108 m^2).	Not constructed in 2025, cancelled.	N/A
2022-10	Mine Site	Impact Area	-	558050	7914460	15,000 L bulk diesel storage at Weatherhaven to support drilling operations	Not constructed in 2025, cancelled.	N/A
2022-11	Mine Site	Impact Area	500 m	563242	7915411	Installation of power distribution cabling from the new KM110 building to the mine water treatment facility (500m)	Not constructed in 2025, cancelled.	N/A
2022-12	Mine Site	Impact Area	79,002 m^2	561074	7913182	Construction of new Sedimentation Pond SDLT-1 - 20678 m^2 (lined), 58324 m^2 (unlined)	Not constructed in 2025, cancelled.	N/A
2022-15	Mine Site	Impact Area	878 m^2	561516	7913226	New building and expansion of Mary River HD Maintenance Shop (878 m^2)	Not constructed in 2025, cancelled.	N/A
2022-19	Milne Port	Impact Area	-	503688	7976055	Installation of power distribution cabling and distribution equipment for a new service from the Port Power house area to CV-001 on the shiploader	Not constructed in 2025, cancelled.	N/A
2021-1-A	Mine Site	Impact Area	500 m	561233	7913234	Installation of power distribution cabling at the Mine Site and Milne Port facilities, including; a) Mary River Powerhouse to Dyno Nobel explosives facility (500 m)	Not constructed in 2025, cancelled.	N/A
2021-8	Milne Port	Impact Area	1,250 m^2	503420	7975343	New thaw and wash bay facility for mobile vehicle maintenance. Footprint of 1,250 m^2.	Not constructed in 2025, cancelled.	N/A
2021-10	Mine Site	Impact Area	-	560965	7912392	Development of Landfill Cell #4	Not constructed in 2025, cancelled.	N/A
2021-15-A	Mine Site	Impact Area	104 to MSC - 19,424 m^2	561706	7913312	Expansion of the area east of the Mine Site workshops and crushing area for improved traffic management - 104 to MSC (19,424 m2), 104.5 to Crusher (18,308 m2).	Not constructed in 2025, cancelled.	N/A
2021-15-B	Mine Site	Impact Area	104.5 to Crusher - 18,308 m^2	562191	7912874		Not constructed in 2025, cancelled.	N/A

Table 2.1: Summary of Project Activities, Modifications and Infrastructure Changes - 2025

Work Plan Item No.	Property Section	Land Use Area	Length (m) or Area (m^2)	Approximate Location (UTM NAD83 Zone 17W)		Description	Annual Work Plan Comparison	Supporting Documentation
				Easting	Northing			
2021-17-A	Mine Site	Impact Area	KM 106 - 4,843 m^2	563838	7913688	Construction of three (3) laydown areas for road aggregate storage on the mine haul road 106 Km (4,843 m2), 107 Km (2,159 m2)	Not constructed in 2025, cancelled.	N/A
2021-17-B	Mine Site	Impact Area	KM 107 - 2,159 m^2	564237	7914037		Not constructed in 2025, cancelled.	N/A
2021-19	Mine Site	Impact Area	20,000 m^2	564180	7915574	Explosives plant secondary storage location TBD (20,000 m^2 - laydown grade and recontour)	Not constructed in 2025, cancelled.	N/A
2020-3-A	Mine Site	Impact Area	-	558420	7914780	Installation of two (2) new waste incineration units; one (1) at the Mine Site, one (1) at Milne Port	Not constructed in 2025, cancelled.	N/A
2020-3-B	Milne Port	Impact Area	-	503774	7975973		Not constructed in 2025, cancelled.	N/A
2020-4	Mine Site	Impact Area	3,000 m^2	563228	7916744	Expansion of the Waste Rock Facility Water Treatment Plant to include an additional geotube settling containment area. Total footprint of new lined area is 3,000 m^3.	Not constructed in 2025, cancelled.	N/A
2020-8-A	Mine Site	Impact Area	72 m^2	561467	7913209	Construction of a waste containment cells exterior to workshop facilities, for temporary storage of materials prior to longer term storage in the Hazardous Waste Berms and eventual backhaul. HD Shop - 72 m^2 MR Shop - 120 m^2 Wash Bay - 120 m^2 110 Laydown - 144 m^2	Not constructed in 2025, cancelled.	N/A
2020-8-B	Mine Site	Impact Area	120 m^2	5612525	7913295		Not constructed in 2025, cancelled.	N/A
2020-8-C	Mine Site	Impact Area	120 m^2	561645	7913213		Not constructed in 2025, cancelled.	N/A
2020-8-D	Mine Site	Impact Area	144 m^2	563454	7915177		Not constructed in 2025, cancelled.	N/A
2020-13	Northern Transportation Corridor	Impact Area	-	-	-	Continued work to repair and replace culverts along the Tote Road, including those with identified fish passage issues. All culverts will be repaired or replaced to the 2013 Hatch design.	Construction is ongoing on culvert replacements on the Tote Road, however the non-specific Work Plan Item No. 2020-13 has been removed from the scope of work in the 2026 Work Plan.	N/A
2020-14-A	Northern Transportation Corridor	Impact Area	KM 26	518576	7959689	Addition of washroom facilities/refuge stations at KM26 and KM80 IT Towers.	Not constructed in 2025, cancelled.	N/A
2020-14-B	Northern Transportation Corridor	Impact Area	KM 80	542130	7922308		Not constructed in 2025, cancelled.	N/A
2019-9	Milne Port	Impact Area	2,700 m^2	503779	7975481	New contaminated water/snow containment pond adjacent to existing pond at Milne Port	Not constructed in 2025, cancelled.	N/A
2019-11-A	Milne Port	Impact Area	360 m^2	558503	7914691	Construction of new hazardous waste berm at the Mine site and at Milne Port. Decommissioning of select existing berms to consolidate waste management.	Not constructed in 2025, cancelled.	N/A
2019-11-B	Mine Site	Impact Area	360 m^2	503874	7976251		Not constructed in 2025, cancelled.	N/A
2019-15	Mine Site	Impact Area	-	558150	7914500	Decommissioning and repurposing of Weatherhaven structures for storage and workspace.	Not constructed in 2025, cancelled.	N/A
2019-16	Mine Site	Impact Area	12,000 m^2	560450	7913450	Expansion of the 800 person camp pad to the north by approximately 12,000 m^2 to accommodate additional support offices and buildings.	Not constructed in 2025, cancelled.	N/A
2019-17	Mine Site	Impact Area	925 m^2	560450	7913450	Addition of offices/trailers/buildings at the 800p Camp. Total footprint is 925 m^2, including approximately 500 m^2 for a new fire hall and emergency response building.	Not constructed in 2025, cancelled.	N/A
2019-20	Mine Site	Impact Area	-	561080	7913446	Construction of one (1) arctic diesel fuel tank (Tk6) with 15ML capacity, and associated fuel piping. The fuel tank will be constructed on a pad within the existing Mine Site fuel storage facility.	Not constructed in 2025, cancelled.	N/A
2018-27	Milne Port	Impact Area	-	504119	7976483	Relocation of effluent discharge point to barge offload area	Not constructed in 2025, cancelled.	N/A

Table 2.2: Type 'A' Water Licence Modifications Summary and Approvals Status

Modification No. [a]	Description of Modification	Approvals Status
1	Expansion of the Mine Site Crusher Facility's footprint to increase ore stockpile capacity.	Approved by the NWB on May 26, 2017 (Motion No. 2017-A1-007).
2	Expansion of the Milne Port Bulk Fuel Storage Facility's fuel capacity by installing three additional fuel tanks (0.75 ML, 3 ML and 15 ML) within the Facility's existing secondary containment berm.	Approval for the construction and installation of the 0.75 ML and 3 ML tanks issued by the NWB on September 14, 2017 (Motion No. 2017-10-02). [a]
3a	Construction of a surface water diversion ditch around the 380-Person Camp pad, as per CIRNAC Inspection Direction issued to Baffinland on June 9, 2017.	Approved by the NWB on September 8, 2017 (Motion No. 2017-10-01).
3b	Construction of a new 380-Person Camp and associated support infrastructure to upgrade and expand accommodations at Milne Port.	Approved by the NWB on January 18, 2019 (Motion No. 2018-A1-024).
4	Construction of a new 800-Person Camp and associated support infrastructure to upgrade and expand accommodations at the Mine Site.	Approved by the NWB on September 20, 2017 (Motion No. 2017-10-03).
5	Expansion of the Mine Site Crusher Facility Pond to accommodate the Facility's previous pad expansion (Modification No. 1).	Approved by the NWB on August 16, 2018 (Motion No. 2018-A1-013).
6	Construction of a new 280-Person Camp and associated support infrastructure to upgrade and expand accommodations at Milne Port, install an additional 15 ML fuel tank at the Milne Port Bulk Fuel Storage Facility and implement upgrades to the Tote Road to address road safety and operational concerns.	Not approved by the NWB. Application withdrawn by Baffinland on December 15, 2018.
7	Construction of new infrastructure at the Mine Site and Milne Port, included in the 2018 Work Plan and 2018 Work Plan Addendum, to improve site water management and operational capabilities. Key activities within the application included the Waste Rock Facility Water Treatment Plant, Mine Haul Road upgrades, the addition of new Milne Port laydowns, and new maintenance shops at the Mine Site and Milne Port.	Approved by the NWB on August 10, 2018 (Motion No. 2018-A1-010).
8	Expansion of the Waste Rock Facility to address operational requirements and concerns identified in 2017 regarding the Facility's Pond.	Approved by the NWB on September 12, 2018 (Motion No. 2018-A1- 015).
9	Expansion of the Milne Port Ore Stockpile Facility's footprint and associated surface water management ponds.	Approved by the NWB on September 5, 2018 (Motion No. 2018-A1-014).
10	Upgrades to Mine Site infrastructure, including the installation of a direct effluent discharge line from the new 800-Person Camp (Sailiivik Camp) STP and the expansion of the Landfill Facility.	Approved by the NWB on October 16, 2018 (Motion No. 2018-13- P4-03).
11	Installation of an Incineration Unit at Milne Port's 380-Person Camp	Approved by the NWB on April 3, 2019.
12	Milne Port Ore Stockpile #1 and Water Management Expansion	Approved by the NWB on August 2, 2019 (Motion No. 2019-A1-005).
13	Construction of water management structures at the Mine Site including sedimentation ponds and conveyance/ diversion ditches and berms.	Approved by the NWB on August 16, 2021. (Motion No. 2021-A1-04).

Notes

[a] As defined by the Nunavut Water Board (NWB).

Table 2.3: Modification No. 13 Implementation Schedule

Facility Description	Station	Phase	Status	Target Completion Date
SDLT-1 Pond Ore Stockpile Stormwater	MS-10	Operation	Not Constructed	Engineering and Alignment with Steensby Infrastructure - 2026. Construction TBD.
KM105 Sedimentation Pond	MS-11	Operation	Constructed	2022
Weatherhaven Erosion Control Measures	MS-12[1]	Operation	Constructed[1]	2022
Explosives Magazine Pond (if constructed)	MS-13	Operation	No Longer Required[2]	N/A
Quarry QMR2 Erosion Control Measures	MS-14	Operation	Not Constructed	Decommissioning and reclamation planned for 2026-2027
Mine Haul Road Ditch Upgrades	N/A	Operation	Partially Constructed[3]	Partial Construction - 2024. Subject to ongoing maintenance and adaptive management.

Notes:
[1] Weatherhaven Sedimentation Pond not constructed, check dams built to preserve permafrost. Monitoring station MS-12 being re-assigned to 570 Sump discharge.
[2] Water is diverted away from this location through blocking culverts and re-routing of water to KM 105 Sedimentation Pond.
[3] Final design as submitted not practical - water conveyance structure, not water treatment structure.

Table 2.4: Equipment and Materials Shipped off the Property - 2025

Property Section	Equipment/ Material Item	Owner	Annual Amount of Equipment and Material (metric tonnes) [e]	Annual Amount of Equipment and Material (m3)
Project-Wide	Hazardous Waste Materials [a,c,e,f,g]	Baffinland	689	3,161
Project-Wide	Dangerous Goods Materials [a,b,c,d,e]	Baffinland	2,477	11,096
Project-Wide	Miscellaneous Equipment and Materials [a,b,c,d,e]	Baffinland & Third Party	5,526	32,923
		TOTAL[h]	**8,607**	**46,564**

Notes

[a] Assumes tare weight of a 20' shipping container to be 2.3 metric tonnes.

[b] Assumes tare weight of a 40' shipping container to be 3.75 metric tonnes.

[c] Assumes external volume of a 20' shipping container to be 38.5 m^3.

[d] Assumes external volume of a 40' shipping container to be 77 m^3.

[e] Includes weight of shipping containers/materials.

Table 2.5: Equipment and Materials Shipped to and Stored on the Property - 2025

Property Section	Equipment/Material Item	Owner	Annual Amount of Equipment and Material (metric tonnes) [f]
Project-Wide	Arctic Diesel [a]	Baffinland	34,528
Project-Wide	Jet-A1 [b,f]	Baffinland	626
Project-Wide	Pre-Packaged Explosives [c,d,f]	Explosives Contractor	0.0
Project-Wide	Explosives [d,e,f]	Explosives Contractor	448
Project-Wide	Foodstuffs [d,f]	Baffinland	564
Project-Wide	Miscellaneous Equipment and Materials [d,f]	Baffinland & Third Party	4,862
		TOTAL	**41,029**

Notes

[a] Assumes a density for Arctic Diesel of 0.832 kg/L.

[b] Assumes a density of Jet-A1 of 0.804 kg/L.

[c] Includes detonators and other explosives accessories.

[d] Assumes external volume of a 20' shipping container to be 38.5 m^3.

[e] Includes ammonia nitrate prill as well as materials required for on site explosives/emulsion manufacturing.

[f] Includes weight of shipping containers/materials.

Table 3.1: Monthly and Annual Quantities of Ore Generated by the Project - 2025

Month	Quantity of Ore Generated [1] (Dry Metric Tonnes)	
	Lump	Fines
January	108,219	263,660
February	162,344	233,612
March	160,735	282,065
April	169,465	296,265
May	138,408	206,000
June	171,572	214,913
July	118,901	195,727
August	75,746	212,498
September	112,843	225,239
October	50,511	83,773
November	119,712	263,491
December	117,358	201,645
SUB-TOTAL	**1,505,814**	**2,678,887**
TOTAL	**4,184,700**	

[1] Tonnes rounded to the nearest tenth

Table 3.2: Annual Quantities of Ore Shipped by the Project - 2025

Month	Lump Shipped (Dry Metric Tonnes)		Fines Shipped (Dry Metric Tonnes)		Total Shipped (Dry Metric Tonnes)	
	Milne Inlet	Steensby Inlet	Milne Inlet	Steensby Inlet	Milne Inlet	Steensby Inlet
January	0	0	0	0	0	0
February	0	0	0	0	0	0
March	0	0	0	0	0	0
April	0	0	0	0	0	0
May	0	0	0	0	0	0
June	0	0	0	0	0	0
July	0	0	45,038	0	45,038	0
August	618,122	0	1,537,920	0	2,156,042	0
September	773,172	0	1,173,757	0	1,946,928	0
October	188,793	0	0	0	188,793	0
November	0	0	0	0	0	0
December	0	0	0	0	0	0
SUB-TOTAL	**1,580,086**	**0**	**2,756,715**	**0**	**4,336,801**	**0**
TOTAL	**1,580,086**		**2,756,715**		**4,336,801**	

Table 3.3: Quantities [1] of Specified Substances Removed from Borrows and Quarries (BCMs) - July 1, 2024 to June 30, 2025 Reporting Period [2]

Annual Reporting Period	Quarry QMR2			Survey Dates		Notes
	Rock	Unconsolidated Material	Organics	Start	End	
TOTAL	0	**0**	**0**	-	-	No activity in the quarry.

Annual Reporting Period	Quarry Q01 [3]			Survey Dates		Notes
	Rock	Unconsolidated Material	Organics	Start	End	
TOTAL	**58,698**	**0**	**0**	July 6, 2024	July 7, 2025	

Annual Reporting Period	Borrow Source KM 97 [3]			Survey Dates		Notes
	Rock	Unconsolidated Material	Organics	Start	End	
TOTAL	**0**	**6,158**	**0**	July 1, 2024	July 5, 2025	

Notes:

[1] Volumes based on a comparison between survey surfaces. Volumes removed expressed in Banked Cubic Metres (BCMs).

[2] For consistency with commercial lease reporting requirement, the reporting period presented is from Q3 2024 to Q2 2025 as per the trial reporting period format for analysis using a twelve calendar month snow-free calculation period, to remain consistent with Quarry Concession Reporting requiring accuracy of snow free surveys to calculate actual volumes of material removed.

[3] Volume updated since the submission of the Quarry Concession Report to reflect the presented cut volume (as opposed to the net volume) as the volume quarried.

Table 4.1: Annual Volumes of Water Used for Project Activities on Inuit-Owned and Crowns Lands by Source - 2025

Property Section	Water Source ID	Water Source Location (UTM NAD83 Zone 17W)		Annual Volume Used (m^3) [a]	Percent of Total Annual Volume Used (%)
		Easting	Northing		
Mine Site	Camp Lake (MS-MRY-1) [b]	557779	7914722	41,825	45.4%
Milne Inlet	Phillips Creek (MP-MRY-2)	514503	7964579	0	0.0%
Milne Inlet	Km 32 Lake (MP-MRY-3) [c]	521547	7953735	29,934	32.5%
Tote Road	CV128 (Km 17)	513556	7965889	11,446	12.4%
Tote Road	Katiktok Lake (Km 52 - 58)	526749	7935027	0	0.0%
Tote Road	BG50 (Km 62)	529294	7926852	2,634	2.9%
Tote Road	BG32 (Km 78)	540729	7921597	0	0.0%
Tote Road	CV217 (Km 80)	542321	7922189	4,300	4.7%
Tote Road	Muriel Lake	542441	7922109	2,029	2.2%
Tote Road	CV233 (Km 97)	555751	7914736	0	0.0%
			TOTAL	**92,168**	**100%**

Notes

[a] Refer to Tables 4.2 and 4.3 for the 2025 daily and monthly volumes withdrawn by water source.

[b] Includes all volumes withdrawn from Camp Lake during 2025 for domestic, industrial and dust suppression purposes.

[c] Includes all volumes withdrawn from Km 32 Lake during 2025 for domestic, industrial and dust suppression purposes.

Table 4.2 Daily, Monthly, and Annual Volumes of Water Used for Domestic and Industrial Purposes on Inuit-Owned Land and Crown Lands - 2025

Day	January						February						March					
	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL
	D	I		D	I		D	I [b]		D	I		D	I		D	I	
1	132.6	14.3	146.9	53.4	0.0	53.4	106.9	3.2	110.1	41.9	0.0	41.9	102.2	1.3	103.5	41.4	0.0	41.4
2	152.6	8.6	161.2	64.5	0.0	64.5	94.5	3.2	97.7	55.7	2.0	57.7	87.9	15.1	103.0	28.1	0.0	28.1
3	127.1	5.2	132.3	48.0	0.0	48.0	94.1	3.2	97.3	48.8	0.0	48.8	97.2	0.0	97.2	42.0	0.0	42.0
4	120.8	0.0	120.8	51.3	0.0	51.3	118.4	3.2	121.6	41.0	0.0	41.0	113.3	2.6	115.9	65.9	0.0	65.9
5	112.8	5.2	117.9	31.0	0.0	31.0	109.9	3.2	113.1	41.3	0.0	41.3	120.1	9.0	129.1	34.5	0.0	34.5
6	119.1	0.0	119.1	45.3	0.0	45.3	101.3	3.2	104.6	43.1	0.0	43.1	106.8	11.5	118.4	45.1	0.0	45.1
7	134.5	15.3	149.9	43.5	0.0	43.5	82.6	3.2	85.8	50.3	0.0	50.3	94.7	0.0	94.7	35.4	2.0	37.4
8	108.0	17.6	125.6	41.3	0.0	41.3	99.6	3.2	102.8	35.8	0.0	35.8	96.7	0.0	96.7	46.6	0.0	46.6
9	122.2	41.9	164.1	39.3	0.0	39.3	105.3	3.2	108.5	46.7	0.0	46.7	86.1	43.0	129.2	30.9	0.0	30.9
10	88.5	72.7	161.3	36.3	11.0	47.3	89.4	15.7	105.1	46.6	22.0	68.6	109.3	11.6	120.9	44.6	0.0	44.6
11	103.4	72.7	176.2	38.3	22.0	60.3	114.0	3.2	117.2	44.7	0.0	44.7	124.7	0.0	124.7	36.7	0.0	36.7
12	97.6	31.9	129.6	33.1	20.0	53.1	105.0	3.2	108.2	31.7	0.0	31.7	108.0	35.0	143.0	38.5	0.0	38.5
13	115.8	73.3	189.1	60.9	20.0	80.9	128.5	3.2	131.7	39.4	0.0	39.4	120.0	3.4	123.4	41.2	0.0	41.2
14	114.7	75.8	190.5	40.7	0.0	40.7	136.3	3.2	139.5	63.9	0.0	63.9	108.9	5.6	114.5	40.9	0.0	40.9
15	125.9	82.5	208.4	55.2	12.0	67.2	108.0	3.2	111.2	39.8	0.0	39.8	92.8	2.3	95.0	35.3	0.0	35.3
16	102.6	25.7	128.3	36.3	0.0	36.3	119.4	19.6	139.0	47.3	0.0	47.3	97.3	9.0	106.4	35.5	0.0	35.5
17	97.0	0.0	97.0	54.3	0.0	54.3	81.4	3.2	84.6	62.0	0.0	62.0	109.8	0.0	109.8	34.5	2.0	36.5
18	93.9	0.0	93.9	41.0	0.0	41.0	100.3	3.2	103.5	40.8	0.0	40.8	121.5	3.4	124.9	36.4	0.0	36.4
19	113.2	40.7	153.9	40.9	0.0	40.9	130.1	3.2	133.3	50.1	0.0	50.1	106.1	2.3	108.3	34.0	0.0	34.0
20	94.8	37.4	132.2	46.0	0.0	46.0	103.3	3.2	106.5	39.6	0.0	39.6	103.1	16.9	120.0	39.5	0.0	39.5
21	126.5	0.0	126.5	26.4	0.0	26.4	88.5	20.1	108.5	55.5	0.0	55.5	94.9	9.7	104.6	40.8	2.0	42.8
22	130.5	23.5	154.0	38.4	0.0	38.4	85.5	14.4	99.9	37.1	0.0	37.1	101.3	10.1	111.4	26.8	0.0	26.8
23	113.7	72.3	186.0	45.9	38.0	83.9	95.2	17.0	112.2	42.6	0.0	42.6	105.5	3.4	108.9	40.1	0.0	40.1
24	121.7	108.6	230.3	38.5	19.0	57.5	104.4	24.0	128.3	43.5	0.0	43.5	111.1	18.1	129.2	31.2	0.0	31.2
25	98.8	132.0	230.8	46.4	38.0	84.4	96.0	19.1	115.1	40.1	0.0	40.1	119.4	3.4	122.8	42.4	0.0	42.4
26	105.9	106.2	212.1	46.8	0.0	46.8	107.0	15.8	122.8	47.1	0.0	47.1	116.9	1.4	118.2	46.8	0.0	46.8
27	93.4	144.1	237.5	35.7	38.0	73.7	103.7	16.7	120.3	40.8	0.0	40.8	113.6	7.9	121.5	29.3	0.0	29.3
28	108.3	41.0	149.4	34.4	0.0	34.4	111.6	13.1	124.7	46.9	0.0	46.9	107.4	2.7	110.1	59.5	0.0	59.5
29	120.6	136.7	257.4	62.4	0.0	62.4	-	-	-	-	-	-	104.8	0.0	104.8	37.6	0.0	37.6
30	133.3	127.2	260.5	21.2	0.0	21.2	-	-	-	-	-	-	79.8	40.8	120.6	36.0	0.0	36.0
31	96.2	9.3	105.5	51.4	0.0	51.4	-	-	-	-	-	-	99.1	10.1	109.2	29.3	0.0	29.3
TOTAL	**3,526.1**	**1,521.9**	**5,048.0**	**1,348.5**	**218.0**	**1,566.5**	**2,919.7**	**233.3**	**3,153.1**	**1,263.9**	**24.0**	**1,287.9**	**3,260.1**	**279.6**	**3,539.6**	**1,206.8**	**6.0**	**1,212.8**

Table 4.2 Daily, Monthly, and Annual Volumes of Water Used for Domestic and Industrial Purposes on Inuit-Owned Land and Crown Lands - 2025

Day	April						May						June					
	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL
	D	I		D	I		D	I		D	I		D [c]	I		D	I	
1	115.2	0.0	115.2	43.6	0.0	43.6	94.8	12.5	107.3	43.8	2.0	45.8	106.5	22.1	128.6	57.7	2.0	59.7
2	105.9	0.0	105.9	32.0	0.0	32.0	87.8	17.0	104.9	34.7	0.0	34.7	122.3	12.1	134.4	61.3	4.0	65.3
3	99.8	28.6	128.4	50.2	3.0	53.2	83.0	39.1	122.1	40.7	0.0	40.7	152.9	39.2	192.1	47.7	2.0	49.7
4	95.1	18.2	113.3	39.3	10.0	49.3	95.1	11.6	106.7	50.1	3.0	53.1	139.1	50.9	190.0	48.8	0.0	48.8
5	101.6	0.5	102.1	38.2	0.0	38.2	104.2	13.5	117.6	39.6	0.0	39.6	126.9	24.8	151.8	62.7	0.0	62.7
6	96.3	0.0	96.3	44.7	0.0	44.7	109.4	24.6	134.0	50.7	0.0	50.7	115.6	24.5	140.2	71.4	0.0	71.4
7	97.3	4.5	101.8	30.0	0.0	30.0	106.4	47.1	153.5	43.6	0.0	43.6	96.9	28.5	125.4	55.0	0.0	55.0
8	120.0	0.0	120.0	44.7	0.0	44.7	112.4	15.8	128.1	42.7	0.0	42.7	77.8	23.0	100.8	72.3	0.0	72.3
9	112.1	4.5	116.6	37.2	0.0	37.2	100.4	4.5	104.9	26.0	0.0	26.0	95.6	12.9	108.5	63.6	2.0	65.6
10	103.6	1.1	104.8	41.6	0.0	41.6	89.7	35.7	125.4	50.0	0.0	50.0	96.6	26.3	122.9	49.9	0.0	49.9
11	101.9	21.1	123.1	39.0	0.0	39.0	88.5	34.5	123.0	39.2	0.0	39.2	107.1	15.0	122.1	66.8	0.0	66.8
12	95.7	3.3	99.0	38.3	0.0	38.3	89.0	15.7	104.7	42.1	0.0	42.1	76.3	15.6	91.9	51.2	0.0	51.2
13	88.3	24.6	112.9	60.9	4.0	64.9	94.1	10.1	104.2	60.9	0.0	60.9	90.2	18.5	108.7	87.2	2.0	89.2
14	103.1	0.0	103.1	35.6	0.0	35.6	102.0	17.5	119.5	42.4	0.0	42.4	87.1	14.7	101.9	41.7	2.0	43.7
15	109.0	0.0	109.0	31.9	0.0	31.9	110.5	14.1	124.6	42.3	0.0	42.3	99.1	16.0	115.1	70.8	2.0	72.8
16	104.6	18.6	123.2	40.0	0.0	40.0	91.2	31.8	123.0	41.0	3.0	44.0	78.2	25.5	103.7	60.2	0.0	60.2
17	86.2	28.4	114.5	37.0	0.0	37.0	92.2	16.0	108.3	40.0	0.0	40.0	89.1	30.6	119.7	51.2	0.0	51.2
18	86.8	0.0	86.8	48.4	0.0	48.4	96.6	14.0	110.6	42.6	6.0	48.6	103.6	20.0	123.7	74.8	0.0	74.8
19	103.8	0.0	103.8	58.4	0.0	58.4	102.4	20.7	123.1	41.0	2.0	43.0	90.4	0.0	90.4	66.1	0.0	66.1
20	86.0	32.6	118.6	34.8	0.0	34.8	128.5	1.6	130.1	41.2	0.0	41.2	92.2	24.7	116.9	50.9	1.5	52.4
21	78.5	14.0	92.6	36.9	0.0	36.9	113.3	30.3	143.5	42.4	0.0	42.4	91.9	0.0	91.9	60.6	0.0	60.6
22	109.8	0.0	109.8	49.3	0.0	49.3	109.6	21.7	131.3	40.3	6.0	46.3	91.4	19.2	110.6	53.7	0.0	53.7
23	103.3	34.2	137.5	36.4	0.0	36.4	120.6	32.1	152.6	46.0	0.0	46.0	91.9	19.5	111.4	77.6	0.0	77.6
24	107.9	6.7	114.6	47.4	0.0	47.4	99.9	45.6	145.5	41.4	1.0	42.4	101.0	44.6	145.6	40.6	0.0	40.6
25	113.7	0.0	113.7	50.4	0.0	50.4	107.9	20.9	128.8	35.5	7.0	42.5	107.5	0.0	107.5	54.5	0.0	54.5
26	94.9	0.0	94.9	35.9	0.0	35.9	101.8	60.9	162.7	46.6	2.0	48.6	100.4	0.0	100.4	78.8	0.0	78.8
27	96.3	4.5	100.8	32.7	0.0	32.7	106.6	57.1	163.7	56.2	0.0	56.2	103.3	0.0	103.3	58.6	0.0	58.6
28	92.2	0.0	92.2	43.9	0.0	43.9	116.5	22.9	139.4	66.2	0.0	66.2	95.5	18.4	113.9	84.1	2.0	86.1
29	108.2	34.0	142.2	34.2	0.0	34.2	97.4	35.8	133.2	69.5	0.0	69.5	100.5	6.3	106.8	70.7	0.0	70.7
30	83.0	37.4	120.4	39.1	0.0	39.1	109.0	16.0	124.9	51.2	2.0	53.2	79.8	38.3	118.1	69.0	0.0	69.0
31	-	-	-	-	-	-	117.0	35.5	152.5	53.0	19.0	72.0	-	-	-	-	-	-
TOTAL	**3,000.1**	**316.9**	**3,317.0**	**1,232.0**	**17.0**	**1,249.0**	**3,177.6**	**776.1**	**3,953.7**	**1,402.8**	**53.0**	**1,455.8**	**3,006.7**	**591.3**	**3,598.0**	**1,859.3**	**19.5**	**1,878.8**

Table 4.2 Daily, Monthly, and Annual Volumes of Water Used for Domestic and Industrial Purposes on Inuit-Owned Land and Crown Lands - 2025

Day	July						August						September					
	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL
	D	I		D	I		D	I		D	I		D	I		D	I	
1	99.6	17.5	117.1	47.7	0.0	47.7	89.3	6.0	95.3	75.8	0.0	75.8	98.2	0.0	98.2	52.3	0.0	52.3
2	102.6	0.0	102.6	42.6	0.0	42.6	86.0	15.5	101.4	66.2	0.0	66.2	87.0	0.0	87.0	46.9	0.0	46.9
3	100.9	18.8	119.7	39.9	0.0	39.9	91.9	8.1	100.0	58.7	0.0	58.7	84.9	38.5	123.3	58.7	0.0	58.7
4	92.5	15.2	107.7	32.0	0.0	32.0	87.9	0.0	87.9	54.5	0.0	54.5	89.4	9.7	99.1	49.6	0.0	49.6
5	94.5	12.5	106.9	75.4	0.0	75.4	92.8	25.7	118.5	47.9	0.0	47.9	86.5	0.0	86.5	52.9	0.0	52.9
6	101.3	8.5	109.8	68.2	0.0	68.2	100.3	13.8	114.1	73.1	0.0	73.1	90.9	11.9	102.7	61.9	0.0	61.9
7	88.5	29.2	117.7	31.6	1.0	32.6	93.5	8.9	102.4	68.4	0.0	68.4	104.7	0.0	104.7	52.9	0.0	52.9
8	131.4	0.0	131.4	34.5	0.0	34.5	87.8	0.0	87.8	59.2	0.0	59.2	81.5	30.2	111.7	55.2	0.0	55.2
9	82.7	28.3	111.0	74.1	0.0	74.1	90.2	0.0	90.2	49.2	0.0	49.2	117.5	6.8	124.2	51.2	0.0	51.2
10	103.5	11.1	114.6	34.8	0.0	34.8	100.9	12.0	112.9	49.6	0.0	49.6	94.1	0.0	94.1	50.6	0.0	50.6
11	110.8	0.0	110.8	8.9	0.0	8.9	76.7	2.2	78.9	23.7	0.0	23.7	72.1	52.1	124.2	63.2	0.0	63.2
12	92.6	15.5	108.1	50.5	0.0	50.5	114.6	6.3	120.9	39.3	0.0	39.3	94.6	12.9	107.5	29.1	0.0	29.1
13	89.7	0.0	89.7	46.0	0.0	46.0	96.2	22.8	119.0	13.3	0.0	13.3	89.7	9.9	99.6	65.3	0.0	65.3
14	92.2	30.3	122.5	49.9	0.0	49.9	100.8	2.2	103.0	111.8	0.0	111.8	82.6	13.9	96.6	53.6	1.0	54.6
15	80.3	13.4	93.7	42.4	0.0	42.4	95.7	11.3	106.9	74.4	0.0	74.4	84.4	8.0	92.4	55.4	0.0	55.4
16	109.6	13.2	122.8	27.6	0.0	27.6	84.5	0.0	84.5	37.0	0.0	37.0	88.1	30.3	118.4	46.1	0.0	46.1
17	114.4	24.4	138.8	55.3	2.0	57.3	83.7	13.4	97.0	68.3	0.0	68.3	106.7	8.7	115.3	67.5	0.0	67.5
18	135.9	24.6	160.5	51.7	0.0	51.7	94.3	0.0	94.3	51.9	0.0	51.9	104.9	0.0	104.9	80.4	0.0	80.4
19	125.0	34.9	159.9	66.5	0.0	66.5	100.9	6.7	107.6	56.5	0.0	56.5	74.6	33.0	107.6	57.4	0.0	57.4
20	119.5	10.7	130.2	57.0	1.5	58.5	112.7	0.0	112.7	30.7	0.0	30.7	67.7	43.8	111.5	36.7	0.0	36.7
21	114.3	1.2	115.5	29.4	0.0	29.4	105.0	24.8	129.8	24.9	0.0	24.9	95.6	13.8	109.4	67.2	0.0	67.2
22	127.7	18.0	145.8	56.6	0.0	56.6	115.3	27.3	142.6	46.4	0.0	46.4	97.1	9.0	106.1	62.4	0.0	62.4
23	131.8	0.0	131.8	42.0	0.0	42.0	98.6	18.2	116.8	57.2	2.0	59.2	88.8	13.0	101.8	61.2	0.0	61.2
24	106.8	1.7	108.5	53.6	0.0	53.6	89.2	11.3	100.5	83.2	0.0	83.2	101.2	2.0	103.2	48.3	0.0	48.3
25	75.2	28.6	103.8	68.7	2.0	70.7	90.7	2.2	92.9	53.7	0.0	53.7	96.1	19.1	115.2	48.9	0.0	48.9
26	103.4	28.9	132.2	50.6	0.0	50.6	107.6	0.0	107.6	48.0	0.0	48.0	101.3	21.4	122.6	57.6	0.0	57.6
27	103.7	9.0	112.7	39.2	0.0	39.2	101.0	4.7	105.7	37.1	0.0	37.1	106.6	11.2	117.9	57.9	0.0	57.9
28	92.3	18.5	110.8	48.6	2.0	50.6	101.8	0.0	101.8	54.5	0.0	54.5	81.8	12.3	94.1	48.5	0.0	48.5
29	100.4	12.4	112.9	41.5	0.0	41.5	115.8	28.0	143.9	45.9	0.0	45.9	79.3	37.2	116.5	33.5	0.0	33.5
30	101.6	40.3	141.8	34.2	0.0	34.2	101.0	8.9	109.9	54.6	0.0	54.6	95.9	0.0	95.9	74.2	10.0	84.2
31	90.3	10.9	101.2	32.3	0.0	32.3	102.3	0.0	102.3	44.9	0.0	44.9	-	-	-	-	-	-
TOTAL	**3,215.1**	**477.6**	**3,692.7**	**1,433.3**	**8.5**	**1,441.8**	**3,008.9**	**280.2**	**3,289.1**	**1,659.8**	**2.0**	**1,661.8**	**2,743.7**	**448.7**	**3,192.4**	**1,646.6**	**11.0**	**1,657.6**

Table 4.2 Daily, Monthly, and Annual Volumes of Water Used for Domestic and Industrial Purposes on Inuit-Owned Land and Crown Lands - 2025

Day	October						November						December					
	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL	MS-MRY-1 [a]		TOTAL	MP-MRY-3		TOTAL
	D	I		D	I		D	I		D	I		D	I		D	I	
1	107.9	5.8	113.6	32.9	0.0	32.9	75.6	0.0	75.6	39.8	0.0	39.8	83.7	9.7	93.5	61.8	0.0	61.8
2	96.6	0.0	96.6	72.1	0.0	72.1	84.2	0.0	84.2	36.6	0.0	36.6	109.5	2.1	111.6	39.6	0.0	39.6
3	91.6	3.3	94.9	76.8	0.0	76.8	97.5	0.0	97.5	35.9	0.0	35.9	103.1	18.2	121.3	20.5	0.0	20.5
4	77.7	6.0	83.7	42.4	0.0	42.4	98.6	0.0	98.6	36.3	0.0	36.3	93.5	0.0	93.5	44.5	0.0	44.5
5	87.0	0.0	87.0	55.8	0.0	55.8	83.6	14.4	98.0	59.2	0.0	59.2	99.8	13.0	112.8	20.2	0.0	20.2
6	95.7	6.8	102.5	52.2	2.0	54.2	88.3	0.0	88.3	32.6	0.0	32.6	92.4	16.2	108.7	52.8	0.0	52.8
7	100.7	5.6	106.4	64.0	0.0	64.0	88.5	0.0	88.5	45.8	0.0	45.8	106.3	0.0	106.3	48.1	0.0	48.1
8	128.0	9.0	137.0	56.9	0.0	56.9	79.2	0.0	79.2	27.8	0.0	27.8	96.8	0.0	96.8	54.4	0.0	54.4
9	107.5	18.2	125.6	36.5	0.0	36.5	98.4	8.9	107.4	48.6	0.0	48.6	107.4	0.0	107.4	23.6	0.0	23.6
10	92.8	4.6	97.4	55.6	0.0	55.6	89.6	9.3	99.0	46.8	0.0	46.8	97.9	0.0	97.9	33.8	0.0	33.8
11	107.4	0.0	107.4	27.4	0.0	27.4	97.7	0.0	97.7	26.7	0.0	26.7	82.8	9.4	92.1	26.2	0.0	26.2
12	124.2	0.0	124.2	49.2	0.0	49.2	82.9	26.8	109.6	40.6	0.0	40.6	94.0	8.7	102.7	48.3	0.0	48.3
13	85.6	0.0	85.6	41.3	2.0	43.3	78.0	0.0	78.0	39.1	0.0	39.1	96.7	14.6	111.3	49.5	0.0	49.5
14	109.1	0.0	109.1	35.1	1.0	36.1	88.3	0.0	88.3	34.6	0.0	34.6	93.1	10.1	103.2	38.5	0.0	38.5
15	111.7	0.0	111.7	49.9	0.0	49.9	75.8	12.7	88.5	38.6	0.0	38.6	87.9	6.3	94.2	39.8	0.0	39.8
16	84.8	24.8	109.6	45.4	0.0	45.4	72.8	43.5	116.3	46.3	0.0	46.3	90.0	7.3	97.3	32.8	0.0	32.8
17	100.8	9.0	109.8	38.0	4.0	42.0	102.6	0.5	103.2	43.6	2.0	45.6	95.8	14.5	110.3	48.6	2.0	50.6
18	95.5	0.0	95.5	38.9	0.0	38.9	119.1	11.5	130.6	45.6	0.0	45.6	74.7	2.1	76.8	38.6	0.0	38.6
19	105.0	0.0	105.0	36.1	0.0	36.1	106.4	0.0	106.4	6.5	0.0	6.5	85.2	6.5	91.7	37.3	0.0	37.3
20	76.3	15.0	91.3	42.8	0.0	42.8	100.6	22.3	122.9	59.6	0.0	59.6	87.8	5.2	93.0	39.6	0.0	39.6
21	106.9	0.0	106.9	19.4	0.0	19.4	75.7	10.0	85.7	67.8	0.0	67.8	73.7	4.2	77.8	35.9	0.0	35.9
22	86.0	0.0	86.0	43.0	0.0	43.0	79.5	17.0	96.5	50.8	0.0	50.8	80.7	8.8	89.5	45.7	0.0	45.7
23	93.1	0.0	93.1	74.2	0.0	74.2	76.9	12.8	89.6	7.8	0.0	7.8	86.4	0.0	86.4	30.3	0.0	30.3
24	91.5	0.0	91.5	88.0	0.0	88.0	81.5	25.0	106.4	47.9	0.0	47.9	79.7	7.3	87.0	40.6	0.0	40.6
25	80.3	0.0	80.3	14.7	0.0	14.7	94.5	8.3	102.8	52.4	0.0	52.4	74.9	10.4	85.3	27.3	0.0	27.3
26	79.9	19.2	99.0	46.4	0.0	46.4	97.4	11.8	109.2	9.1	0.0	9.1	76.4	0.0	76.4	35.9	0.0	35.9
27	94.6	0.0	94.6	54.2	0.0	54.2	90.0	0.0	90.0	54.6	0.0	54.6	79.8	0.0	79.8	45.6	0.0	45.6
28	99.5	0.0	99.5	31.4	0.0	31.4	78.3	6.8	85.0	54.4	0.0	54.4	83.4	4.2	87.5	33.8	0.0	33.8
29	108.6	0.0	108.6	46.9	0.0	46.9	73.6	2.3	75.8	34.1	0.0	34.1	57.2	7.3	64.5	40.7	0.0	40.7
30	95.7	7.8	103.4	38.8	0.0	38.8	97.9	11.1	109.0	19.7	0.0	19.7	85.7	14.6	100.3	5.7	0.0	5.7
31	93.7	8.8	102.4	55.2	0.0	55.2	-	-	-	-	-	-	100.5	0.0	100.5	31.3	0.0	31.3
TOTAL	**3,015.4**	**143.7**	**3,159.1**	**1,461.5**	**9.0**	**1,470.5**	**2,652.9**	**254.9**	**2,907.8**	**1,189.1**	**2.0**	**1,191.1**	**2,756.7**	**200.7**	**2,957.4**	**1,171.3**	**2.0**	**1,173.3**

Table 4.2 Daily, Monthly, and Annual Volumes of Water Used for Domestic and Industrial Purposes on Inuit-Owned Land and Crown Lands - 2025

Month	2025					
	MS-MRY-1		TOTAL	MP-MRY-3		TOTAL
	D	I		D	I	
January	3,526	1,522	5,048	1,348	218	1,566
February	2,920	233	3,153	1,264	24	1,288
March	3,260	280	3,540	1,207	6	1,213
April	3,000	317	3,317	1,232	17	1,249
May	3,178	776	3,954	1,403	53	1,456
June	3,007	591	3,598	1,859	20	1,879
July	3,215	478	3,693	1,433	9	1,442
August	3,009	280	3,289	1,660	2	1,662
September	2,744	449	3,192	1,647	11	1,658
October	3,015	144	3,159	1,462	9	1,471
November	2,653	255	2,908	1,189	2	1,191
December	2,757	201	2,957	1,171	2	1,173
TOTAL	**36,283**	**5,525**	**41,808**	**16,875**	**372**	**17,247**

Notes:
All volumes in cubic metres (m^3)
MS-MRY-1 - Camp Lake; MP-MRY-3 - Km 32 Lake
D - Domestic/Camp Purposes; I - Industrial Purposes
Bold values indicate daily volumes that exceeded the source use specific daily withdrawal limit stipulated by Table 3 of the Type 'A' Water Licence
[a] Tracking may be influenced by reported data to the Pi data system; variances between reported domestic and industrial values have potential to occur. However, total daily withdrawal is not influenced by the tracking methodology.
[b] The daily water usage data for emulsion production (for blasting purposes) is unavailable, leading to the estimation of daily water consumption based on the total emulsion produced for the month. Additionally, daily water use totals are influenced by regularly monitored industrial activities.
[c] June 27 domestic value updated since submission of monthly water licence report.

Table 4.3: Daily, Monthly, and Annual Volumes of Water Used for Dust Suppression Purposes on Inuit-Owned and Crown Lands - 2025

Date [a]		Approved Source [b]									Recycled Water [c]												
	Camp Lake	CV128 (Km 17)	Km 32 Lake	BG50 (Km 62)	BG32 (Km 78)	CV217 (Km 80)	Muriel Lake (Km 81)	Katikok Lake	CV233 (Tom River Km 97)	Daily Total [d]	KM 97 Borrow Pond (TR-BP-01)	KM 57 Borrow Pond (TR-BP-02)	Q1 Quarry (MP-Q1-P1)	Flight Ops Pond (MS-RW-01)	Airstrip Pond (MS-RW-03)	Warehouse Pond (MS-RW-04)	Mag Road Pond (HR-CD-05)	Crusher Facility Pond (MS-06)	KM 106 ROM Pond (MS-07)	Waste Rock Facility Pond (MS-08)	MP-RW-01	MS-DEP-1-570 SUMP	Matrix Ditch
Daily Limit (m^3)	86	579.5	364	150	120	130	212	318	135	2,094.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29-May-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-May-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31-May-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01-Jun-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	545.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02-Jun-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	272.5	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03-Jun-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	363.4	514.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04-Jun-25	0.0	333.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**333.1**	454.2	272.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-Jun-25	0.0	575.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**575.3**	545.0	514.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06-Jun-25	0.0	0.0	0.0	0.0	0.0	121.1	0.0	0.0	0.0	**121.1**	514.8	333.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07-Jun-25	0.0	393.6	181.7	30.3	0.0	60.6	0.0	0.0	0.0	**666.2**	393.6	333.1	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08-Jun-25	0.0	272.5	151.4	0.0	0.0	60.6	0.0	0.0	0.0	**484.5**	423.9	121.1	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09-Jun-25	0.0	272.5	272.5	121.1	0.0	30.3	0.0	0.0	0.0	**696.4**	272.5	242.2	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-Jun-25	0.0	272.5	272.5	60.6	0.0	90.8	0.0	0.0	0.0	**696.4**	363.4	151.4	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-Jun-25	0.0	181.7	333.1	0.0	0.0	60.6	0.0	0.0	0.0	**575.3**	181.7	30.3	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-Jun-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-Jun-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-Jun-25	0.0	302.8	212.0	0.0	0.0	0.0	0.0	0.0	0.0	**514.8**	151.4	90.8	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-Jun-25	0.0	302.8	333.1	60.6	0.0	0.0	0.0	0.0	0.0	**696.4**	302.8	212.0	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-Jun-25	0.0	212.0	333.1	0.0	0.0	90.8	0.0	0.0	0.0	**635.9**	181.7	212.0	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-Jun-25	0.0	212.0	181.7	0.0	0.0	0.0	0.0	0.0	0.0	**393.6**	333.1	302.8	181.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-Jun-25	0.0	302.8	272.5	121.1	0.0	0.0	0.0	0.0	0.0	**696.4**	454.2	333.1	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19-Jun-25	0.0	212.0	363.4	90.8	0.0	0.0	0.0	0.0	0.0	**666.2**	484.5	333.1	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-Jun-25	0.0	181.7	212.0	121.1	0.0	30.3	0.0	0.0	0.0	**545.0**	151.4	242.2	242.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-Jun-25	0.0	242.2	242.2	121.1	0.0	60.6	0.0	0.0	0.0	**666.2**	90.8	272.5	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.1	0.0
22-Jun-25	0.0	242.2	333.1	90.8	0.0	121.1	0.0	0.0	0.0	**787.3**	0.0	181.7	181.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	363.4	0.0
23-Jun-25	0.0	212.0	363.4	60.6	0.0	60.6	0.0	0.0	0.0	**696.4**	181.7	212.0	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	272.5	0.0
24-Jun-25	0.0	272.5	302.8	121.1	0.0	60.6	0.0	0.0	0.0	**757.0**	181.7	60.6	212.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	446.6	0.0
25-Jun-25	0.0	212.0	363.4	90.8	0.0	90.8	0.0	0.0	0.0	**757.0**	423.9	181.7	212.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.5	0.0
26-Jun-25	0.0	363.4	212.0	121.1	0.0	121.1	0.0	0.0	0.0	**817.6**	484.5	151.4	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	529.9	0.0
27-Jun-25	0.0	181.7	363.4	90.8	0.0	121.1	0.0	0.0	0.0	**757.0**	423.9	151.4	242.2	0.0	0.0	75.7	0.0	0.0	0.0	0.0	0.0	681.3	0.0
28-Jun-25	0.0	333.1	333.1	90.8	0.0	121.1	0.0	0.0	0.0	**878.1**	454.2	121.1	333.1	0.0	0.0	113.6	0.0	0.0	0.0	0.0	0.0	1059.8	0.0
29-Jun-25	0.0	212.0	242.2	121.1	0.0	121.1	0.0	0.0	0.0	**696.4**	302.8	242.2	333.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	757.0	0.0
30-Jun-25	0.0	333.1	181.7	90.8	0.0	90.8	0.0	0.0	0.0	**696.4**	302.8	151.4	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.5	0.0
01-Jul-25	0.0	333.1	363.4	121.1	0.0	90.8	0.0	0.0	0.0	**908.4**	121.1	121.1	212.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.1	0.0
02-Jul-25	0.0	333.1	363.4	90.8	0.0	60.6	0.0	0.0	0.0	**847.8**	212.0	151.4	242.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.8	0.0	0.0
03-Jul-25	0.0	212.0	151.4	90.8	0.0	121.1	0.0	0.0	0.0	**575.3**	302.8	333.1	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	212.0	151.4	0.0
04-Jul-25	0.0	121.1	242.2	60.6	0.0	121.1	0.0	0.0	0.0	**545.0**	393.6	363.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.7	832.7	0.0
05-Jul-25	0.0	181.7	333.1	90.8	0.0	121.1	0.0	0.0	0.0	**726.7**	302.8	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.4	151.4	0.0
06-Jul-25	0.0	242.2	151.4	121.1	0.0	121.1	0.0	0.0	0.0	**635.9**	302.8	212.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	605.6	0.0
07-Jul-25	0.0	121.1	30.3	30.3	0.0	121.1	0.0	0.0	0.0	**302.8**	333.1	0.0	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.1	0.0	0.0
08-Jul-25	0.0	181.7	151.4	121.1	0.0	121.1	0.0	0.0	0.0	**575.3**	242.2	121.1	0.0	0.0	0.0	37.9	0.0	0.0	0.0	0.0	121.1	529.9	0.0
09-Jul-25	0.0	181.7	363.4	121.1	0.0	121.1	0.0	0.0	0.0	**787.3**	0.0	30.3	60.6	0.0	0.0	37.9	0.0	0.0	0.0	0.0	0.0	302.8	0.0
10-Jul-25	0.0	0.0	0.0	0.0	0.0	30.3	0.0	0.0	0.0	**30.3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-Jul-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19-Jul-25	0.0	272.5	0.0	0.0	0.0	90.8	0.0	0.0	0.0	**363.4**	60.6	60.6	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-Jul-25	0.0	212.0	212.0	60.6	0.0	121.1	0.0	0.0	0.0	**605.6**	272.5	242.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	30.3	0.0
21-Jul-25	0.0	121.1	151.4	121.1	0.0	121.1	30.3	0.0	0.0	**545.0**	363.4	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.1	30.3	0.0
22-Jul-25	0.0	181.7	181.7	0.0	0.0	121.1	181.7	0.0	0.0	**666.2**	181.7	212.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.4	0.0	0.0
23-Jul-25	0.0	30.3	90.8	0.0	0.0	60.6	151.4	0.0	0.0	**333.1**	302.8	272.5	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.1	0.0	0.0
24-Jul-25	0.0	151.4	151.4	0.0	0.0	121.1	181.7	0.0	0.0	**605.6**	212.0	151.4	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.5	0.0	0.0
25-Jul-25	0.0	151.4	121.1	0.0	0.0	121.1	121.1	0.0	0.0	**514.8**	212.0	242.2	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	529.9	0.0	0.0
26-Jul-25	0.0	90.8	181.7	0.0	0.0	30.3	212.0	0.0	0.0	**514.8**	181.7	242.2	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7	0.0	0.0
27-Jul-25	0.0	90.8	242.2	0.0	0.0	90.8	60.6	0.0	0.0	**484.5**	181.7	272.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7	0.0	151.4	0.0
28-Jul-25	0.0	212.0	181.7	0.0	0.0	30.3	0.0	0.0	0.0	**423.9**	30.3	393.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	0.0	0.0
29-Jul-25	0.0	60.6	121.1	0.0	0.0	60.6	0.0	0.0	0.0	**242.2**	30.3	181.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	0.0	0.0
30-Jul-25	0.0	90.8	151.4	0.0	0.0	0.0	0.0	0.0	0.0	**242.2**	60.6	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7	90.8	302.8	0.0
31-Jul-25	0.0	121.1	212.0	0.0	0.0	30.3	0.0	0.0	0.0	**363.4**	393.6	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.1	529.9	0.0

Table 4.3: Daily, Monthly, and Annual Volumes of Water Used for Dust Suppression Purposes on Inuit-Owned and Crown Lands - 2025

Date [a]	Approved Source [b]									Recycled Water [c]												
	Camp Lake	CV128 (Km 17)	Km 32 Lake	BG50 (Km 62)	BG32 (Km 78)	CV217 (Km 80)	Muriel Lake (Km 81)	Katikok Lake	CV233 (Tom River Km 97)	Daily Total [d]	KM 97 Borrow Pond (TR-BP-01)	KM 57 Borrow Pond (TR-BP-02)	Q1 Quarry (MP-Q1-P1)	Flight Ops Pond (MS-RW-01)	Airstrip Pond (MS-RW-03)	Warehouse Pond (MS-RW-04)	Mag Road Pond (HR-CD-05)	Crusher Facility Pond (MS-06)	KM 106 ROM Pond (MS-07)	Waste Rock Facility Pond (MS-08)	MP-RW-01	MS-DEP-1-570 SUMP	Matrix Ditch
Daily Limit (m^3)	**86**	**579.5**	**364**	**150**	**120**	**130**	**212**	**318**	**135**	**2,094.5**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
01-Aug-25	0.0	60.6	181.7	0.0	0.0	121.1	212.0	0.0	0.0	**575.3**	272.5	121.1	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.8	0.0	0.0
02-Aug-25	0.0	121.1	90.8	0.0	0.0	0.0	212.0	0.0	0.0	**423.9**	212.0	181.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.1	529.9	0.0
03-Aug-25	0.0	60.6	30.3	0.0	0.0	30.3	181.7	0.0	0.0	**302.8**	302.8	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	212.0	454.2	0.0
04-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-Aug-25	0.0	60.6	60.6	0.0	0.0	0.0	0.0	0.0	0.0	**121.1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-Aug-25	0.0	60.6	181.7	0.0	0.0	0.0	0.0	0.0	0.0	**242.2**	0.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	212.0	0.0	0.0
11-Aug-25	0.0	0.0	151.4	0.0	0.0	60.6	0.0	0.0	0.0	**212.0**	121.1	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.7	0.0	0.0
12-Aug-25	0.0	90.8	121.1	0.0	0.0	0.0	0.0	0.0	0.0	**212.0**	30.3	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.7	0.0	0.0
13-Aug-25	0.0	30.3	60.6	0.0	0.0	90.8	151.4	0.0	0.0	**333.1**	151.4	333.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.8	0.0	0.0
14-Aug-25	0.0	0.0	212.0	0.0	0.0	30.3	30.3	0.0	0.0	**272.5**	90.8	242.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.4	0.0	0.0
15-Aug-25	0.0	121.1	333.1	0.0	0.0	0.0	151.4	0.0	0.0	**605.6**	60.6	302.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333.1	0.0	0.0
16-Aug-25	16.9	181.7	272.5	0.0	0.0	121.1	0.0	0.0	0.0	**592.3**	60.6	333.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.7	151.4	0.0
17-Aug-25	0.0	181.7	363.4	0.0	0.0	121.1	121.1	0.0	0.0	**787.3**	121.1	423.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302.8	0.0	0.0
18-Aug-25	0.0	151.4	333.1	0.0	0.0	0.0	0.0	0.0	0.0	**484.5**	0.0	302.8	60.6	0.0	0.0	0.0	0.0	0.0	151.4	0.0	0.0	0.0	0.0
19-Aug-25	0.0	0.0	30.3	0.0	0.0	90.8	30.3	0.0	0.0	**151.4**	151.4	151.4	0.0	0.0	0.0	0.0	0.0	0.0	151.4	0.0	0.0	0.0	0.0
20-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-Aug-25	0.0	0.0	60.6	0.0	0.0	90.8	0.0	0.0	0.0	**151.4**	60.6	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	30.3	121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31-Aug-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	212.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	181.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	302.8	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Sep-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monthly Totals																							
May 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
June 2025	0.0	6,631.3	6,056.0	1,604.8	0.0	1,514.0	0.0	0.0	0.0	15,806.2	8,690.4	6,813.0	4,148.4	0.0	0.0	189.3	0.0	0.0	0.0	0.0	0.0	4,988.6	0.0
July 2025	0.0	3,694.2	4,148.4	1,029.5	0.0	2,028.8	938.7	0.0	0.0	11,839.5	4,693.4	4,269.5	1,059.8	0.0	0.0	75.7	0.0	0.0	0.0	1,779.0	1,211.2	3,785.0	0.0
August 2025	16.9	1,120.4	2,483.0	0.0	0.0	757.0	1,090.1	0.0	0.0	5,467.4	1,756.2	2,876.6	90.8	0.0	0.0	0.0	0.0	0.0	302.8	0.0	2,059.0	1,135.5	0.0
September 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302.8	575.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Annual Totals	**16.9**	**11,445.9**	**12,687.4**	**2,634.4**	**0.0**	**4,299.8**	**2,028.8**	**0.0**	**0.0**	**33,113.1**	**15,442.8**	**14,534.4**	**5,299.0**	**0.0**	**0.0**	**265.0**	**0.0**	**0.0**	**302.8**	**1,779.0**	**3,270.2**	**9,909.2**	**0.0**

Notes:

All volumes in cubic metres (m^3).

[a] No volumes withdrawn during dates not listed.

[b] Dust suppression water sources as shown in Table 4 of the Type 'A' Water Licence.

[c] Pooling road runoff along length of the Tote Road, and recycled water from Surface Water Management Ponds (MS-06, MS-07 and MS-08).

[d] Updated daily values for dust suppression at CV128 on June 19 and August 10 and at CV217 on June 21 since submission of the monthly water licence report.

Table 5.1: Daily and Monthly Quantities - Sewage Management - 2025

Day	Treated Sewage Effluent											
	January				February				March			
	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]
1	0.0	134.3	16.0	23.9	0.0	117.6	15.0	24.7	0.0	115.3	17.0	18.4
2	0.0	139.0	24.0	22.0	0.0	101.0	19.0	21.9	0.0	71.6	16.0	15.0
3	0.0	122.1	24.0	17.2	0.0	97.1	23.0	27.9	0.0	96.1	15.0	19.4
4	0.0	119.7	20.0	14.5	0.0	100.3	14.0	22.0	0.0	98.3	18.0	17.0
5	0.0	117.3	17.0	19.0	0.0	114.6	19.0	24.7	0.0	114.6	21.0	16.7
6	0.0	106.8	24.0	15.1	0.0	103.2	15.0	27.5	0.0	129.4	19.0	18.4
7	0.0	114.3	24.0	17.5	0.0	84.2	16.0	16.2	0.0	102.7	19.0	17.0
8	0.0	119.0	18.0	19.9	0.0	99.6	15.0	21.2	0.0	103.6	17.0	13.4
9	0.0	102.9	20.0	17.9	0.0	94.5	15.0	17.1	0.0	90.6	15.0	13.5
10	0.0	104.9	22.0	21.3	0.0	92.4	19.0	26.3	0.0	110.0	17.0	19.2
11	0.0	105.9	18.0	23.5	0.0	96.3	23.0	31.1	0.0	103.3	18.0	15.7
12	0.0	66.2	18.0	20.8	0.0	103.1	17.0	12.7	0.0	121.6	20.0	17.2
13	0.0	58.7	17.0	22.6	0.0	102.4	14.0	10.1	0.0	118.2	18.0	15.7
14	0.0	106.6	19.0	15.8	0.0	123.6	19.0	40.2	0.0	116.7	18.0	29.7
15	0.0	135.9	20.0	27.0	0.0	134.7	15.0	27.8	0.0	106.2	15.0	7.1
16	0.0	129.1	16.0	23.6	0.0	119.5	14.0	32.8	0.0	93.5	15.0	21.5
17	0.0	99.2	10.0	17.6	0.0	112.3	19.0	22.9	0.0	101.3	15.0	10.6
18	0.0	108.6	13.0	23.6	0.0	90.9	18.0	23.9	0.0	107.1	17.0	20.6
19	0.0	106.0	16.0	17.5	0.0	116.6	18.0	20.4	0.0	119.4	18.0	12.3
20	0.0	100.7	22.0	15.8	0.0	95.2	18.0	13.4	0.0	108.3	16.0	15.9
21	0.0	106.3	19.0	24.2	0.0	124.8	20.0	27.5	0.0	90.2	16.0	16.2
22	0.0	117.5	19.0	27.4	0.0	108.0	19.0	20.8	0.0	98.3	14.0	18.4
23	0.0	129.0	20.0	19.0	0.0	95.4	17.0	19.2	0.0	98.8	17.0	19.4
24	0.0	127.9	20.0	17.6	0.0	96.2	18.0	17.2	0.0	99.6	16.0	11.5
25	0.0	120.5	16.0	24.5	0.0	95.3	20.0	17.4	0.0	113.6	16.0	18.3
26	0.0	83.7	16.0	18.0	0.0	94.2	17.0	20.2	0.0	125.9	18.0	17.9
27	0.0	80.5	15.0	21.4	0.0	106.0	16.0	15.8	0.0	113.2	19.0	18.7
28	0.0	104.8	20.0	20.3	0.0	105.1	20.0	16.0	0.0	98.6	14.0	30.5
29	0.0	105.8	20.0	19.7	-	-	-	-	0.0	100.0	17.0	22.3
30	0.0	129.7	18.0	16.2	-	-	-	-	0.0	102.8	13.0	10.2
31	0.0	121.5	24.0	26.2	-	-	-	-	0.0	91.3	19.0	12.1
Monthly Total	**0.0**	**3,424.4**	**585.0**	**630.5**	**0.0**	**2,924.1**	**492.0**	**619.1**	**0.0**	**3,260.1**	**523.0**	**529.9**

Table 5.1: Daily and Monthly Quantities - Sewage Management - 2025

Day	Treated Sewage Effluent											
	April				May				June			
	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]
1	0.0	95.2	17.0	18.6	0.0	114.4	17.0	17.6	0.0	112.8	17.0	11.5
2	0.0	81.7	20.0	20.7	0.0	90.9	15.0	7.0	0.0	108.7	20.0	22.6
3	0.0	110.8	19.0	22.9	0.0	82.7	14.0	23.3	0.0	120.0	24.0	15.2
4	0.0	112.2	18.0	15.5	0.0	79.6	25.0	17.4	0.0	127.9	22.0	25.0
5	0.0	104.8	15.0	21.8	0.0	106.7	24.0	13.7	0.0	136.9	21.0	18.5
6	0.0	97.5	15.0	20.5	0.0	100.9	24.0	22.5	0.0	147.0	19.0	27.1
7	0.0	96.8	14.0	19.8	0.0	115.0	17.0	22.9	0.0	121.0	15.0	22.4
8	0.0	93.4	19.0	18.0	0.0	127.9	20.0	11.6	0.0	86.5	17.0	20.3
9	0.0	103.2	16.0	20.5	0.0	116.9	20.0	17.1	0.0	89.2	18.0	21.9
10	0.0	115.2	20.0	17.1	0.0	91.9	15.0	26.5	0.0	98.4	18.0	20.1
11	0.0	100.7	20.0	24.5	0.0	110.1	17.0	17.2	0.0	101.0	18.0	23.4
12	0.0	101.6	18.0	21.9	0.0	86.2	20.0	25.8	0.0	106.5	16.0	21.6
13	0.0	98.6	19.0	16.7	0.0	86.9	24.0	11.6	0.0	102.0	18.0	20.7
14	0.0	109.4	17.0	18.3	0.0	111.2	24.0	20.0	0.0	109.1	16.0	18.8
15	0.0	93.6	18.0	21.0	0.0	115.8	22.0	15.0	0.0	96.2	16.0	24.8
16	0.0	108.5	23.0	21.3	0.0	113.9	17.0	16.7	0.0	98.8	15.0	18.4
17	0.0	129.4	17.0	19.1	0.0	112.2	22.0	18.5	0.0	95.0	20.0	20.6
18	0.0	96.7	21.0	18.6	0.0	90.0	6.0	16.2	0.0	98.2	31.0	20.2
19	0.0	88.7	16.0	17.9	0.0	95.9	20.0	15.5	0.0	104.4	28.0	23.9
20	0.0	101.9	17.0	23.0	0.0	101.3	24.0	18.0	0.0	100.7	22.0	19.1
21	0.0	98.0	22.0	10.8	0.0	117.1	24.0	19.3	0.0	82.5	20.0	25.7
22	0.0	86.0	22.0	19.0	0.0	114.0	21.0	16.1	0.0	104.1	19.0	15.3
23	0.0	94.2	20.0	23.5	0.0	126.3	19.0	19.7	0.0	100.6	24.0	17.1
24	0.0	91.2	20.0	19.6	0.0	132.9	19.0	24.0	0.0	95.4	22.0	25.4
25	0.0	109.8	18.0	21.6	0.0	107.7	17.0	15.2	0.0	107.4	16.0	17.5
26	0.0	107.7	13.0	25.4	0.0	101.6	18.0	23.0	0.0	110.1	18.0	35.5
27	0.0	92.5	15.0	18.8	0.0	87.3	18.0	18.5	0.0	101.7	21.0	9.2
28	0.0	88.3	17.0	16.1	0.0	108.9	21.0	30.1	0.0	106.0	21.0	18.3
29	0.0	87.6	18.0	14.3	0.0	112.9	19.0	18.2	0.0	91.0	17.0	32.3
30	0.0	92.9	16.0	18.9	0.0	99.8	21.0	20.6	0.0	102.2	13.0	24.8
31	-	-	-	-	0.0	114.3	17.0	22.8	-	-	-	-
Monthly Total	**0.0**	**2,988.1**	**540.0**	**585.8**	**0.0**	**3,273.2**	**601.0**	**581.7**	**0.0**	**3,161.3**	**582.0**	**637.6**

Table 5.1: Daily and Monthly Quantities - Sewage Management - 2025

Day	Treated Sewage Effluent											
	July				August				September			
	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]
1	0.0	105.6	21.0	31.3	0.0	119.2	27.0	36.1	0.0	102.9	23.0	28.6
2	0.0	101.9	23.0	28.2	0.0	110.8	27.0	39.4	0.0	98.8	26.0	31.4
3	0.0	116.8	17.0	20.0	0.0	98.6	29.0	26.3	0.0	115.8	24.0	36.6
4	0.0	96.7	18.0	32.4	0.0	106.6	29.0	30.9	0.0	104.9	27.0	30.1
5	0.0	107.7	24.0	36.7	0.0	115.4	28.0	37.2	0.0	97.6	25.0	29.2
6	0.0	104.6	22.0	22.0	0.0	102.9	27.0	29.2	0.0	100.5	20.0	28.2
7	0.0	102.1	21.0	25.5	0.0	109.0	29.0	30.7	0.0	97.9	26.0	29.8
8	0.0	114.6	20.0	20.4	0.0	105.0	28.0	26.5	0.0	97.3	28.0	33.5
9	0.0	124.0	19.0	32.0	0.0	95.4	29.0	36.1	0.0	95.8	29.0	29.5
10	0.0	121.2	19.0	30.5	0.0	94.8	29.0	32.2	0.0	114.4	30.0	30.2
11	0.0	108.2	20.0	31.4	0.0	110.9	29.0	38.7	0.0	111.1	28.0	35.7
12	0.0	119.4	22.0	39.0	0.0	96.1	29.0	37.3	0.0	106.0	22.0	30.9
13	0.0	111.5	19.0	31.2	0.0	99.6	25.0	39.3	0.0	102.9	21.0	27.0
14	0.0	104.1	20.0	34.9	0.0	100.4	29.0	23.8	0.0	103.1	25.0	23.7
15	0.0	84.2	21.0	23.6	0.0	101.2	22.0	28.9	0.0	91.1	28.0	29.9
16	0.0	89.4	23.0	34.4	0.0	105.9	29.0	35.1	0.0	90.9	24.0	24.2
17	0.0	97.7	20.0	38.1	0.0	94.9	29.0	23.1	0.0	113.3	20.0	32.5
18	0.0	124.9	15.0	39.5	0.0	101.4	29.0	31.6	0.0	127.3	20.0	28.6
19	0.0	100.8	19.0	28.7	0.0	103.6	29.0	20.5	0.0	129.1	22.0	26.6
20	0.0	119.1	24.0	27.7	0.0	109.9	29.0	51.3	0.0	106.9	24.0	40.3
21	0.0	136.8	16.0	28.4	0.0	106.2	29.0	16.8	0.0	70.8	29.0	29.4
22	0.0	125.0	16.0	30.9	0.0	102.7	29.0	45.1	0.0	85.5	31.0	30.7
23	0.0	127.0	21.0	36.3	0.0	127.3	29.0	48.3	0.0	89.0	29.0	35.7
24	0.0	136.7	20.0	36.4	0.0	96.8	29.0	24.5	0.0	91.2	28.0	31.7
25	0.0	130.9	20.0	28.0	0.0	111.3	25.0	40.9	0.0	108.0	31.0	33.6
26	0.0	102.6	19.0	32.9	0.0	100.5	23.0	35.1	0.0	88.8	29.0	28.2
27	0.0	119.8	20.0	27.7	0.0	106.0	29.0	36.2	0.0	116.8	29.0	23.2
28	0.0	108.0	24.0	24.7	0.0	115.5	27.0	53.7	0.0	84.9	29.0	27.5
29	0.0	105.6	24.0	32.7	0.0	120.6	24.0	19.8	0.0	85.3	28.0	33.2
30	0.0	128.0	30.0	37.0	0.0	108.9	23.0	34.4	0.0	71.2	27.0	29.1
31	0.0	123.5	29.0	32.2	0.0	115.0	25.0	27.6	-	-	-	-
Monthly Total	**0.0**	**3,498.4**	**646.0**	**954.8**	**0.0**	**3,292.4**	**853.0**	**1,036.6**	**0.0**	**2,999.1**	**782.0**	**908.8**

Table 5.1: Daily and Monthly Quantities - Sewage Management - 2025

Day	Treated Sewage Effluent											
	October				November				December			
	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]	MS-01 [a]	MS-01B [b]	MP-01 [c]	MP-01B [c]
1	0.0	90.9	29.0	31.1	0.0	84.5	18.0	22.9	0.0	93.0	18.1	19.2
2	0.0	96.7	29.0	39.2	0.0	81.0	17.0	10.7	0.0	99.3	12.0	18.6
3	0.0	112.2	27.0	30.6	0.0	85.5	16.0	22.5	0.0	94.6	16.0	28.2
4	0.0	90.2	29.0	32.2	0.0	84.6	19.0	19.8	0.0	101.9	16.0	19.1
5	0.0	87.1	32.0	21.0	0.0	99.2	21.0	14.6	0.0	97.4	17.0	18.6
6	0.0	93.9	40.0	29.9	0.0	87.4	17.0	22.6	0.0	105.7	17.0	15.2
7	0.0	97.9	33.0	29.7	0.0	83.9	16.0	13.3	0.0	99.6	18.0	13.8
8	0.0	102.3	32.0	25.4	0.0	83.5	18.0	18.9	0.0	96.8	19.0	20.5
9	0.0	139.2	29.0	40.1	0.0	86.0	16.0	17.2	0.0	99.1	18.0	18.9
10	0.0	122.8	20.0	30.5	0.0	90.9	20.0	18.5	0.0	105.1	17.0	22.9
11	0.0	116.6	22.0	18.0	0.0	102.8	22.0	17.3	0.0	113.7	16.0	7.9
12	0.0	105.0	15.0	19.2	0.0	92.6	19.0	22.2	0.0	96.1	20.0	19.1
13	0.0	134.0	21.0	27.8	0.0	103.9	15.0	15.5	0.0	90.8	21.0	16.9
14	0.0	107.0	24.0	27.6	0.0	82.5	19.0	20.6	0.0	83.1	24.0	21.0
15	0.0	106.1	21.0	23.2	0.0	80.3	24.0	19.1	0.0	92.9	24.0	17.6
16	0.0	119.4	19.0	23.1	0.0	81.5	21.0	17.8	0.0	88.7	21.0	18.4
17	0.0	114.6	22.0	16.8	0.0	93.8	19.0	19.7	0.0	90.0	22.0	17.3
18	0.0	118.8	15.0	23.0	0.0	105.4	21.0	15.8	0.0	100.6	20.0	14.5
19	0.0	106.4	12.0	15.7	0.0	104.8	24.0	25.9	0.0	92.5	19.0	19.3
20	0.0	108.6	20.0	20.7	0.0	116.2	21.0	20.0	0.0	74.2	20.0	16.6
21	0.0	101.6	24.0	19.2	0.0	108.8	30.0	15.2	0.0	87.9	16.0	16.8
22	0.0	99.6	22.0	13.1	0.0	93.3	32.0	16.0	0.0	86.7	17.0	19.0
23	0.0	100.7	31.0	19.1	0.0	82.9	24.0	15.6	0.0	83.5	16.0	19.6
24	0.0	82.7	40.0	18.3	0.0	87.9	24.0	16.6	0.0	90.7	17.0	15.4
25	0.0	92.8	31.0	23.6	0.0	79.9	22.0	19.6	0.0	98.4	18.0	12.6
26	0.0	98.5	24.0	16.0	0.0	86.0	17.0	24.5	0.0	79.4	18.0	13.3
27	0.0	88.1	22.0	22.5	0.0	90.2	15.0	26.2	0.0	73.7	18.0	15.4
28	0.0	89.7	19.0	22.5	0.0	86.7	17.0	21.2	0.0	77.0	17.0	15.5
29	0.0	98.2	16.0	19.4	0.0	83.0	16.0	20.0	0.0	83.7	18.0	17.4
30	0.0	99.3	14.0	13.6	0.0	69.9	16.0	19.5	0.0	78.5	18.0	18.0
31	0.0	100.8	18.0	13.3	-	-	-	-	0.0	86.7	18.0	26.2
Monthly Total	**0.0**	**3,221.7**	**752.0**	**725.5**	**0.0**	**2,698.9**	**596.0**	**569.1**	**0.0**	**2,841.3**	**566.1**	**552.8**

2025	Treated Sewage Effluent			
	MS-01 [a]	MS-01B [a]	MP-01 [b]	MP-01B [b]
Annual Total	**0**	**37,583**	**7,518**	**8,332**

Notes:

All volumes in cubic metres (m^3)

[a] MS-01 (Mine Site STP) was shut down in late December 2024 and remained shut-down in 2025 as sufficient treatment capacity for sewage wastes generated at the Mine Site was acheived via STP MS-01B.

[b] Compliant treated effluent from MS-01B (Mine Site STP) discharged to approved location near Mary River.

[c] Compliant treated effluent from MP-01 and MP-01B (Milne Port STPs) discharged to approved location near Milne Inlet.
No discharge occurred from MP-01A (Milne Port Polishing Waste Stabilization Pond (PWSP)) or MS-MRY-04A, B, C (Mine Site PWSPs) in 2025. Sewage sludge/off-spec effluent from these ponds was reprocessed through the WWTPs as required to maintain pond capacity.

Table 5.2: Monthly and Annual Quantities - Sewage Sludge Management - 2025

Month	Sludge Cake from MS-01 STP [a]	Sludge Cake from MS-01B STP[a]	Sludge from MS-01 STP to PWSPs [b]	Sludge from MS-01B STP to PWSPs[c]	Sludge from Mine Site Lift Stations to PWSPs[d]	Sludge Cake from MP-01 STP[a]	Sludge Cake from MP-01B STP[a]	Sludge from MP-01 STP to PWSP (m^3)[e]	Sludge from MP-01B STP to PWSP (m^3)[f]	Sludge from Milne Port Lift Stations to PWSP[g]
January	0.0	20.4	11.0	44.0	30.0	0.8	0.0	5.3	12.0	0.5
February	0.0	21.4	0.0	30.0	10.0	1.4	0.0	0.0	8.5	0.0
March	0.0	31.1	0.0	5.0	20.0	1.7	0.0	1.0	8.0	5.0
April	0.0	24.0	2.0	2.0	5.0	1.4	0.0	0.0	3.0	2.0
May	0.0	25.1	0.0	28.0	5.0	1.6	0.0	1.5	19.0	2.5
June	0.0	24.5	0.0	0.0	3.0	1.5	1.7	0.0	0.0	5.7
July	0.0	34.0	0.0	16.0	0.0	1.8	2.7	0.0	0.0	0.0
August	0.0	38.0	0.0	8.0	0.0	2.0	2.7	0.0	0.0	0.0
September	0.0	27.0	0.0	44.0	23.0	1.9	2.8	8.5	0.0	2.0
October	0.0	30.8	0.0	0.0	9.0	1.5	2.2	7.0	11.0	0.0
November	0.0	8.4	0.0	0.0	0.0	1.3	2.1	0.0	0.0	0.0
December	0.0	10.4	0.0	0.0	4.0	1.4	2.1	1.0	0.0	0.0
TOTAL	**0.0**	**295.1**	**13.0**	**177.0**	**109.0**	**18.2**	**16.2**	**24.3**	**61.5**	**17.7**

Notes:
All volumes in cubic metres (m^3)
[a] Sludge generated by STPs pressed into cake and disposed using site incinerators or backhauled for off-site disposal
[b] Sewage sludge removed from MS-01 STP to Mine Site PWSPs
[c] Sewage sludge removed from MS-01B STP to Mine Site PWSPs
[d] Sewage sludge removed from Mine Site lift stations to Mine Site PWSPs
[e] Sewage sludge removed from MP-01 STP to Milne Port PWSP
[f] Sewage sludge removed from MP-01B STP to Milne Port PWSP
[g] Sewage sludge removed from Milne Port lift stations to Milne Port PWSP

Table 5.3: Daily, Monthly, and Annual Quantities of Discharge Stormwater - Containment Areas - 2025

Day	June		July		August		September
	MS-MRY-6 [a]	MP-03 [b]	MP-03 [b]	MS-03B [c]	MP-04 [d]	MS-03 [e]	MS-05 [f]
1	0.0	0.0	0.0	0.0	0.0	0.0	781.0
2	0.0	0.0	0.0	0.0	0.0	0.0	288.5
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	3.4	0.0	0.0	0.0	0.0	0.0	0.0
8	27.9	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	24.2	0.0	0.0	0.0	0.0	0.0	0.0
11	25.7	0.0	0.0	0.0	0.0	0.0	0.0
12	20.0	0.0	0.0	0.0	0.0	0.0	0.0
13	17.4	0.0	0.0	0.0	0.0	0.0	0.0
14	10.9	0.0	0.0	0.0	1.5	0.0	0.0
15	15.0	0.0	0.0	0.0	0.0	47.5	0.0
16	13.1	0.0	0.0	0.0	0.0	73.8	0.0
17	16.6	182.8	0.0	0.0	116.8	0.0	0.0
18	14.2	274.3	0.0	0.0	116.8	0.0	0.0
19	11.3	114.3	0.0	0.0	99.2	0.0	0.0
20	15.0	265.7	0.0	0.0	16.9	0.0	0.0
21	31.1	140.3	0.0	0.0	58.4	38.8	0.0
22	23.4	0.0	501.8	0.0	0.0	88.2	0.0
23	18.8	0.0	459.8	0.0	126.2	0.0	0.0
24	20.7	0.0	0.0	0.0	47.0	0.0	0.0
25	10.1	0.0	0.0	0.0	137.8	0.0	0.0
26	0.0	0.0	0.0	0.0	28.7	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	1045.4	0.0	0.0	0.0
30	0.0	0.0	0.0	888.7	0.0	0.0	0.0
31	-	-	0.0	0.0	0.0	0.0	-
Monthly Total	**318.9**	**977.4**	**961.6**	**1934.1**	**749.4**	**248.3**	**1069.5**

2025	MS-MRY-6 [a]	MP-03 [b]	MS-03B [c]	MP-04 [d]	MS-03 [e]	MS-05 [f]	MS Total	MP Total	Combined Total
Annual Total	**318.9**	**1,939.0**	**1,934.1**	**749.4**	**248.3**	**1,069.5**	**3570.8**	**2,688.3**	**6,259.2**

Notes:

All volumes in cubic metres (m^3).

[a] Effluent from MS-MRY-6 (Hazardous Materials Storage Area(MS-HWB-7)) discharged to adjacent tundra.

[b] Effluent from MP-03 (Milne Port Bulk Fuel Storage Facility) discharged to ditch near Milne Inlet.

[c] Effluent from MS-03B (Mine Site Bulk Fuel Storage Facility) discharged to adjacent tundra near Sheardown Lake NW.

[d] Effluent from MP-04 (Milne Port Landfarm Facility) discharged to adjacent tundra.

[e] Effluent from MS-03 (Mine Site Bulk Fuel Storage Facility) discharged to adjacent tundra near Sheardown Lake NW.

[f] Effluent from MS-05 (Mine Site Landfarm Facility) discharged to adjacent tundra.

Table 5.4: Daily, Monthly, and Annual Quantities of Discharge Stormwater - Surface Water Management Ponds - 2025

Day	May	June			July					August			September				October
	MS-11 [a]	MS-08 [b]	MS-11 [a]	MP-06 [c]	MS-06 [d,g]	MS-07 [e]	MS-08 [b]	MS-11 [a]	MP-06 [c]	MS-08 [b]	MS-11 [a]	MP-06 [c]	MS-07 [e]	MS-08 [b]	MS-11 [a,f]	MP-06 [c]	MS-11 [a,f]
1	0.0	0.0	3,071.3	0.0	0.0	0.0	4,754.3	2,880.7	0.0	0.0	2,350.3	255.4	0.0	0.0	3,902.8	202.7	864.0
2	0.0	0.0	8,823.8	0.0	0.0	0.0	5,196.4	2,372.1	0.0	0.0	2,165.7	494.7	1,196.4	0.0	3,582.4	67.5	864.0
3	0.0	328.1	11,320.5	0.0	0.0	0.0	5,316.6	1,547.5	0.0	0.0	2,032.2	169.5	1,413.2	0.0	3,363.2	0.0	864.0
4	0.0	1,848.0	10,929.9	0.0	0.0	0.0	5,278.5	1,016.4	0.0	0.0	2,350.4	0.0	0.0	0.0	3,228.8	0.0	864.0
5	0.0	3,648.0	9,809.4	0.0	0.0	0.0	5,834.3	785.6	0.0	0.0	3,308.0	754.5	0.0	1838.5	3,027.6	0.0	864.0
6	0.0	3,144.0	9,187.0	0.0	0.0	0.0	4,163.0	677.4	0.0	0.0	4,843.1	662.1	0.0	2083.6	2,714.2	0.0	864.0
7	0.0	2,727.0	8,405.2	0.0	0.0	0.0	4,032.0	632.3	0.0	0.0	5,930.8	942.9	0.0	0.0	2,393.0	0.0	0.0
8	0.0	0.0	6,908.1	0.0	0.0	0.0	4,024.0	606.4	0.0	0.0	6,666.9	1,094.9	0.0	0.0	2,095.8	0.0	0.0
9	0.0	0.0	5,451.1	0.0	0.0	0.0	1,535.0	576.7	0.0	1,580.9	6,680.6	1,204.6	0.0	0.0	1,382.4	896.1	0.0
10	0.0	0.0	4,071.2	0.0	0.0	0.0	6,637.5	698.7	0.0	3,238.7	6,296.7	779.7	0.0	0.0	1,382.4	687.9	0.0
11	0.0	0.0	2,738.5	0.0	0.0	0.0	1,230.6	1,843.7	481.4	5,763.6	5,674.5	0.0	0.0	0.0	1,382.4	0.0	0.0
12	0.0	0.0	1,667.7	0.0	0.0	0.0	1,452.0	5,071.4	1759.7	4,780.1	5,123.6	225.9	0.0	0.0	1,382.4	1,917.4	0.0
13	0.0	0.0	865.5	0.0	0.0	0.0	1,995.0	14,501.6	1276.8	4,891.4	4,711.4	221.7	0.0	0.0	1,382.4	0.0	0.0
14	0.0	0.0	949.6	0.0	0.0	0.0	4,261.0	13,320.8	621.6	5,404.1	4,356.4	1,039.4	0.0	0.0	1,382.4	0.0	0.0
15	0.0	0.0	1,385	0.0	0.0	0.0	6,363.0	13,098	0.0	5,352.0	4,039.9	0.0	0.0	0.0	1,382.4	0.0	0.0
16	0.0	0.0	2,101.4	0.0	82.7	0.0	5,717.0	21,187.6	0.0	6,755.6	3,694.2	102.6	0.0	0.0	518.4	0.0	0.0
17	0.0	2,042.3	3,522.2	23.2	51.0	0.0	5,313.0	18,613.5	0.0	0.0	3,358.1	662.9	0.0	0.0	518.4	0.0	0.0
18	0.0	2,537.5	5,049.1	28.5	124.6	0.0	5,875.6	12,190.1	821.5	0.0	3,006.8	0.1	0.0	0.0	518.4	0.0	0.0
19	0.0	3,107.5	5,002.1	0.0	288.2	913.1	6,170.9	9,242.9	974.5	0.0	2,669.4	0.0	0.0	0.0	518.4	0.0	0.0
20	0.0	3,047.5	4,450.9	0.0	166.2	913.1	4,946.8	7,752.0	0.0	0.0	2,799.3	0.0	0.0	0.0	518.4	0.0	0.0
21	0.0	85.1	4,367.2	0.0	252.3	15.8	4,695.3	6,545.6	0.0	0.0	3,020.7	352.6	0.0	0.0	518.4	0.0	0.0
22	0.0	457.0	4,600.7	0.0	216.6	0.0	5,475.5	5,647.2	269.6	0.0	3,649.2	0.0	0.0	0.0	172.8	0.0	0.0
23	11,380.2	3,207.3	5,213.8	0.0	156.8	0.0	5,577.7	5,038.8	1424.9	0.0	3,804.3	0.5	0.0	0.0	172.8	0.0	0.0
24	11,797.1	3,343.4	5,440.9	0.0	190.2	0.0	4,980.9	4,557.2	0.0	92.1	3,693.1	488.5	0.0	0.0	172.8	0.0	0.0
25	4,609.9	3,112.8	5,316.7	0.0	229.6	0.0	5,125.7	4,089.5	0.0	1,761.6	3,632.3	0.0	0.0	0.0	172.8	0.0	0.0
26	4,136.0	4,910.7	5,112.0	625.7	102.1	0.0	4,830.8	3,590.9	518.7	1,888.3	3,660.5	739.8	0.0	0.0	172.8	0.0	0.0
27	4,206.3	4,114.0	4,900.4	1314.1	0.0	0.0	5,364.3	3,208.1	0.0	4,906.1	3,888.2	0.0	0.0	0.0	172.8	0.0	0.0
28	2,866.3	5,489.7	4,520.7	62.6	18.9	0.0	5,309.0	3,027.9	0.0	7,267.6	4,028.8	0.0	0.0	0.0	172.8	0.0	0.0
29	7,544.0	4,265.8	3,993.2	0.0	620.5	0.0	5,360.0	2,860.0	0.0	0.0	4,220.0	0.0	0.0	0.0	2,937.6	0.0	0.0
30	14,256.0	4,754.3	3,421.3	0.0	0.0	0.0	2,354.3	2,712.3	740.9	0.0	4,240.1	0.0	0.0	0.0	2,937.6	0.0	0.0
31	32,196.1	-	-	-	0.0	0.0	3,337.1	2,531.6	1188.7	0.0	4,068.1	0.0	-	-	-	-	0.0
Sub-Total	**92,991.8**	**56,170.0**	**152,596.2**	**2,054.1**	**2,499.6**	**1,841.9**	**142,507.3**	**172,424.0**	**10,078.3**	**53,682.2**	**123,963.7**	**10,192.3**	**2,609.6**	**3,922.1**	**44,179.8**	**3,771.6**	**5,184.0**
Monthly Total	**92,991.8**	**210,820.2**			**329,351.1**					**187,838.2**			**54,483.0**				**5,184.0**

2025	MS-06 [d,g]	MS-07 [e]	MS-08 [b]	MS-11 [a,f]	MP-06 [c]	MS Total	MP Total	Combined Total
Annual Total	**2,500**	**4,451**	**256,282**	**591,339**	**26,096**	**854,572**	**26,096**	**880,668**

Notes:

All volumes in cubic meters (m^3).

[a] Effluent from MS-11 Surface Water Management Facility (KM105 Facility) was discharged at a location near Sheardown Lake Tributary-1 (SDLT-1). Following the onset of flow through the proposed MS-11 discharge location, discharge quantity was estimated through daily flow measurements at MS-11 in May. Pressure transducers were subsequently installed on June 1 at the downstream hydrology station MS-C-A/B, for estimating discharge volumes, following the onset of consistent warmer temperatures and ice free conditions.

[b] Effluent from MS-08 (Mine Site Waste Rock Facility Pond) was direct discharged/treated using a water treatment plant and released to the catchment of Mary River Tributary F.

[c] Effluent from MP-06 (West Milne Port Ore Stockpile Pond) was discharged to Milne Inlet.

[d] Effluent from MS-06 (Crusher Facility Pond) was discharged at a location near the Mary River.

[e] Effluent from MS-07 (KM106 ROM Ore Stockpile Pond) was discharged at a location near the Mary River.

[f] Due to the onset of colder temperatures and snowfall within the region, the pressure transducers were removed on September 9. Following the removal, weekly spot flow measurments were conducted to estimate discharge and were extrapolated to the corresponding week. Frozen conditions prevailed following October 6.

[g] MS-06 July 16 value updated since the submission of the monthly water licence report to include 6.3 m^3 of compliant effluent deposited outside the FDP over the lined emergency spillway (refer to NT-NU Spill Report #2025-294 for further details).

Table 5.5: Locations of Temporary and Permanent Storage Areas for Wastes - 2025

Description	Location (UTM NAD83 Zone 17 W)		Location	
	Easting	Northing	Latitude	Longitude
Milne Port				
MP-HWB-1	503878	7976292	71° 53' 11.9"	80° 53' 17.6"
MP-HWB-2[1]	503730	7975972	71° 53' 01.6"	80° 53' 33.1"
MP-HWB-3	503562	7975961	71° 53' 01.2"	80° 53' 50.5"
MP-HWB-4	503569	7975954	71° 53' 01.0"	80° 53' 49.8"
Milne Port Landfarm Facility (MP-04; including Contaminated Snow Containment Berm; MP-04A)	503751	7975570	71° 52' 48.6"	80° 53' 30.9"
Milne Port Polishing Waste Stabilization Pond (PWSP - MP-01A)	503625	7976015	71° 53' 03.0"	80° 53' 44.0"
Milne Port Open Burn Location	504455	7973669	71° 51' 47.2"	80° 52' 18.4"
Milne Port Waste Management Building	503762	7975981	71° 53' 01.9"	80° 53' 29.8"
Mine Site				
MS-HWB-1	558161	7914571	71° 19' 34.6"	79° 22' 20.2"
MS-HWB-2	558189	7914564	71° 19' 34.3"	79° 22' 17.4"
MS-HWB-3	558279	7914539	71° 19' 33.5"	79° 22' 08.4"
MS-HWB-4	558290	7914529	71° 19' 33.2"	79° 22' 07.3"
MS-HWB-5	558154	7914554	71° 19' 34.1"	79° 22' 20.9"
MS-HWB-6	558512	7914710	71° 19' 38.8"	79° 21' 44.5"
MS-HWB-7 (MS-MRY-06)	558300	7914478	71° 19' 31.5"	79° 22' 06.5"
Mine Site Landfarm Facility (MS-05)	560819	7912715	71° 18' 32.4"	79° 17' 57.8"
Mine Site Non-Hazardous Waste Landfill Facility	560879	7912513	71° 18' 25.9"	79° 17' 51.8"
Exploration Camp Polishing Waste Stabilization Pond 1 (PWSP - MS-MRY-4A)	558521	7914116	71° 19' 19.6"	79° 21' 45.2"
Exploration Camp Polishing Waste Stabilization Pond 2 (PWSP - MS-MRY-4B)	558448	7914275	71° 19' 24.8"	79° 21' 52.1"
Exploration Camp Polishing Waste Stabilization Pond 3 (PWSP - MS-MRY-4C)	558499	7914245	71° 19' 23.8"	79° 21' 47.1"
Mine Site Open Burn Location	556815	7915193	71° 19' 55.9"	79° 24' 34.1"
Mine Site Waste Management Building	558430	7914773	71° 19' 40.9"	79° 21' 52.6"
Mid-Rail				
Temporary hazardous waste and barrel fuel storage area	595660	7876369	70° 58' 19"	78° 22' 13"
Steensby Port				
Temporary hazardous waste and barrel fuel storage area	594679	7800514	70° 17' 35"	78° 29' 01"

Note:

[1] MP-HWB-02 is no longer used to store hazardous waste materials.

Refer to Figures 3, 5, 6 and 7 for locations of waste storage areas at Milne Port, the Mine Site, Mid-Rail Camp and Steensby Port.

Table 5.6: Annual Quantities [1] of Waste Deposited - Landfill Facility - July 1, 2024 to June 30, 2025 Reporting Period [2]

Annual Reporting Period	Volume of Waste Deposited in Landfill [1] (m^3)	Comments
TOTAL	**3,470**	Annual surveys completed July 1, 2024 (start) and July 5,2025 (end)

Notes:

[1] Volumes based on a comparision between survey surfaces.

[2] For consistency with commercial lease reporting requirements, the reporting period presented is from Q3 2024 to Q2 2025 as per the trial reporting period format for analysis using a twelve calendar month snow-free calculation period, to remain consistent with Quarry Concession Reporting requiring accuracy of snow free surveys to calculate actual volumes of material placed.

Table 5.7.1: Annual Quantities [1] of Hydrocarbon Impacted Soil Deposited - Landfarm Facilities - July 1, 2024 to June 30, 2025 Reporting Period [2]

Annual Reporting Period	Soil Deposited in Milne Port Landfarm [3] (m^3)	Soil Deposited in Mary River Landfarm (m^3)	Comments
TOTAL	**0**	**75**	Mary River landfarm annual surveys completed July 1, 2024 (start) and July 5, 2025 (end)

Notes:

[1] Volumes based on a comparision between survey surfaces.

[2] For consistency with commercial lease reporting requirements, the reporting period presented is from Q3 2024 to Q2 2025 as per the trial reporting period format for analysis using a twelve calendar month snow-free calculation period, to remain consistent with Quarry Concession Reporting requiring accuracy of snow free surveys to calculate actual volumes of material placed.

[3] The Milne Port Landfarm Facility reached capacity at the end of 2019; therefore, there was no contaminated soil deposited in the Milne Port landfarm in 2025. All contaminated soil was transferred to the Landfarm Facility at Mary River for treatment.

Table 5.7.2: Monthly and Annual Quantities of Hydrocarbon Impacted Snow and Water Deposited - Landfarm Facilities - 2025

Quarter	Month	Milne Port Water Deposited in Contaminated Snow Containment Berm (m^3)[1]	Comments
Q1	January	0	-
	February	0	
	March	0	
Q2	April	0	-
	May	0	
	June	0	
Q3	July	0	-
	August	0	
	September	0	
Q4	October	0	-
	November	0	
	December	0	
TOTAL		**0**	**-**

Notes:

[1]Contaminated snow and water generated in 2025 were placed in seacans or staged in Hazardous Waste Berms (HWBs) for subsequent treatment or shipment offsite for disposal.

Table 5.8: Monthly and Annual Quantities - Deposit No. 1 Waste Rock Management - 2025

Month	Total Non-AG Waste Rock Used for Construction Purposes (EX-PIT)	Total Non-AG Waste Rock Deposited in Waste Rock Facility	Total PAG Waste Rock Deposited in Waste Rock Facility	Total Waste Rock Generated
January	40,068	52,894	13,356	**106,318**
February	78,652	48,736	15,264	**142,652**
March	159,000	29,818	29,044	**217,862**
April	143,100	36,325	37,736	**217,161**
May	108,332	92,586	31,588	**232,506**
June	119,780	98,578	9,752	**228,110**
July	92,220	91,224	11,660	**195,104**
August	18,444	166,531	20,140	**205,115**
September	26,924	13,834	5,936	**46,694**
October	28,196	83,186	0	**111,382**
November	138,224	64,152	25,652	**228,028**
December	145,231	0	33,862	**179,093**
TOTAL	**1,098,171**	**777,863**	**233,990**	**2,110,024**

Notes:
All quantities in wet metric tonnes.
Non-AG - Non-Acid Generating Waste Rock, PAG - Potentially Acid Generating Waste Rock.

Table 6.1: Summary of Reported Spills and Unauthorized Discharges by Project Area and Product - 2025

Product	Number of 2025 Reported Spills by Location		
	Mine Site	Tote Road	Milne Port
Sewage (Untreated)	2	0	1
Sediment-laden Water [a]	3	0	0
Water (Treated or Raw)	2	0	0
Oil (Hydraulic Oil)	0	1	0
Fuel (Arctic Diesel)	0	0	1
Sub-Total	**7**	**1**	**2**
ANNUAL TOTAL	**10**		

Notes:

[a] NT-NU spill #2025-227 reported spills at three freshet outflow monitoring locations: Sheardown Lake Tributary (SDLT), Camp Lake Settling Pond (CLSP), and Camp Lake Tributary (CLT).

Table 6.2: List of Reported Spills and Unauthorized Discharges - 2025

Date	NT-NU Spill Reporting Number	Quantity (L)	Material Spilled	Specific Location	Proximity to Waterbody (m)	Occurred within Engineered Lined Facility?	Corrective Actions
1-Feb-2025	2025-091	125	Sewage - Untreated	Milne Port South Maintenance Shop Lift Station	580	No	An overflow from the Milne Port South Maintenance Shop sewage lift station occurred when the lift station was not emptied within the appropriate timeframe. Upon further investigation, it was discovered that the water pump in the washroom had been replaced. During the replacement, the solenoid that closes the emergency water shut-off valve was disconnected to complete the pump replacement; however, the solenoid was not reconnected. As a result, the emergency water shut-off valve did not close when the high-high level sewer tank float was activated. Upon discovery, the station was emptied immediately to prevent further release. The lift station solenoid was reengaged and the lift station was put back into service. An inspection of all Project lift stations was subsequently completed with a focus on visual alarms and automatic shut-off system functionality when high levels within the lift stations are reached. Removal of sewage sludge at the Milne Port lift stations was scheduled on a daily basis as part of the Operators' workflow in the PM Plan for the Project's wastewater treatment facilities. WWTP operators were trained to operate the vacuum truck to ensure sufficient resources are available to complete the task daily. In addition, the frequency of Milne Port lift station inspections was increased from weekly to daily. The inspections are performed as part of Site Service's PM Schedule to verify that built-in safety systems, including high-level float and alarm systems, are functioning properly. The PM schedule for the Project's wastewater treatment facilities also includes inspection of safety devices by the Building Maintenance department.
29-Mar-2025	2025-145	195	Sewage - Untreated	Mine Site Complex Laundry Room Lift Station	550	No	An overflow of the Mine Site Complex (MSC) laundry room lift station occurred when the amperage overload breaker for the low-level pump tripped, rendering the pump non-operational. The high-level pump was also found to be inactive, though it was noted that the fluid level was insufficient to trigger the high-level pump float. Both pumps were activated to reduce the fluid level in the tank to prevent further release and the lift station was emptied and cleaned. Further investigation revealed a crack in the lift station tank, which had been previously concealed by an accumulation of sediment and debris. The sediment build-up resulted from the tank's design, which does not allow for debris and material to be removed without entering the tank. Immediate corrective actions implemented following the spill included cleaning and reactivating the pumps, as well as relocating the pump floats to a lower level to prevent fluid from rising to the height of the crack, as an interim measure until the tank was replaced. The damaged lift station tank was subsequently replaced with a new unit featuring an access port for a vacuum truck operator to remove silt and debris. The frequency of MSC lift station inspections was recently increased from weekly to daily. Further work is planned to schedule removal of MSC and Sailiivik Camp lift station sludge on a routine schedule as part of the Operators' workflow in the PM Plan for the Project's wastewater treatment facilities. Until that is fully implemented, the daily inspections will continue to be performed to identify when each station requires cleaning. Inspection of the built-in safety systems to ensure they are functioning properly is also part of the daily inspection PM task.

Table 6.2: List of Reported Spills and Unauthorized Discharges - 2025

Date	NT-NU Spill Reporting Number	Quantity (L)	Material Spilled	Specific Location	Proximity to Waterbody (m)	Occurred within Engineered Lined Facility?	Corrective Actions
4-May-2025	2025-202	1850	Arctic Diesel	Milne Port Site Services Laydown	388	No	The main fuel product hose became dislodged from its fitting on mobile fuel truck FLT020 while the truck was parked. On discovering the release, the fuel truck operator promptly closed the emergency shut-off valve, stopping further release. The affected hoses were replaced and FLT020 was returned to service. The fuel truck fleet on site was subsequently inspected for potential hose integrity issues at similar connection points. A valve on the bottom of the fuel truck fuel tank (belly valve) was not closed between deliveries, a factor which contributed to and could have reduced the release following failure of the hose. The existing procedure required this valve to be closed when the equipment was not in operation and during filling of fuel storage tanks; however, it did not address closure of the valve between fuel deliveries. A Safe Work Instruction (SWI) was subsequently developed requiring operators to close the belly valve between fuel deliveries.
22-May-2025	2025-226	92,991,802	Sediment-laden Water	KM 105 Surface Water Management Facility (MS-11)	0	No	Elevated Total Suspended Solids (TSS) of 31.2 mg/L occurred on May 11 at MS-11, marginally exceeding the TSS discharge criteria of 30 mg/L for the facility. Prior to the observed flow at the MS-11, mitigation measures were actively implemented and maintained in alignment with best management practices. Notably, repairs and preparations to two silt curtains within the MS-C-F settling pond were completed on May 18. In addition, two water management filter berms originally installed in March to bolster settling capacity within the KM 105 Pond continued to effectively reduce TSS prior to the water reaching MS-11. Polymer treatment and dosing systems were also prepared for implementation prior to flow commencement to promote settling of TSS within the KM 105 Pond. In response to the turbid water flowing through the MS-11 discharge point, additional treatment measures were investigated and promptly implemented. This included the installation of an additional silt curtain, in conjunction with flocculent blocks, downstream of the KM 105 Pond and upstream of the discharge location. Furthermore, the dosing system previously used was reactivated upon observing flows within the KM 105 Pond to treat water entering the KM 105 Pond prior to the filter berms, with a polymer to enhance the settling of suspended solids prior to discharge. Weekly follow up water quality monitoring was conducted at MS-11. Analytical results indicate TSS concentrations immediately returned below regulatory thresholds, and no further exceedances were detected. An end of year report for 2025 for the KM 105 Water Management Facility is included with Appendix E.8.3 summarizing historical operations, remediation and mitigation measures, 2025 water quality results and mitigation performance, and the proposed 2026 water management approach.

Table 6.2: List of Reported Spills and Unauthorized Discharges - 2025

Date	NT-NU Spill Reporting Number	Quantity (L)	Material Spilled	Specific Location	Proximity to Waterbody (m)	Occurred within Engineered Lined Facility?	Corrective Actions
23-May-25	2025-227	Unquantified	Sediment-laden Water	Sheardown Lake Tributary (SDLT), Camp Lake Tributary (CLT), and Camp Lake Sedimentation Ponds (CLSP)	0	No	Elevated TSS concentrations at freshet outflow monitoring locations Sheardown Lake Tributary (SDLT) on May 23 and May 25, Camp Lake Settling Pond (CLSP) on May 24 and May 30, and Camp Lake Tributary (CLT) on May 23 following snowmelt runoff during freshet over a brief period of time. Results for further subsequent sampling demonstrated that there were no Project related changes to water quality as a result of the operation of site infrastructure. The brief and transient nature of this event is expected to have minimal impact on the receiving waterbodies. Monitoring results showed that the main drainage channels (SDLT and CLT) sourcing from the Mine Site dramatically improved in water quality following May 23 and represent an improvement in water quality monitored from previous years. This is attributed to the freshet planning and preparation process prior to the onset of freshet as well as mitigative measures installed during freshet. A representative water quality sample could not be collected at CLSP-OUT following May 30 due to the onset of low-flow to no flow conditions during subsequent scheduled sampling and there is potential the low flow conditions of the monitoring site contributed to elevated TSS results. In accordance with Baffinland's Surface Water Aquatic Effects Management Plan (SWAEMP) and the Snow Management Plan (SMP), sedimentation mitigation measures were implemented prior to the event as part of Baffinland's freshet preparedness planning and in response to elevated TSS concentrations. Snow management practices implemented to reduce dust entrained snow from entering receiving environments include: • Prior to the start of freshet 2025, excess snow was relocated from areas of concern around the Mine Site, including the inlets and outlets of select culvert locations that interact with SDLT, and CLT drainages. The snow removal focused on locations with dust entrained snow from areas that have the potential to directly interact with potential receiving environments. • This snow was relocated to approved snow stockpile locations to reduce the volume of snowmelt and the amount of overland flow present to mobilize sediment. • Continual snow removal on road surfaces was also ongoing prior to freshet, and culverts were steamed and cleared as necessary to ensure the effective flow of water. Erosion and Sediment Control (ESC) measures installed and/or maintained and adjusted include: • At the CLSP location, a spring berm and flocculent (“floc blocs”) were deployed across the stream to reduce sediment transport within the watercourse. • The Camp Lake settling pond, rip rap structures and silt fencing installed adjacent to the monitoring location remained in place and continued to limit sediment migration from snowmelt. • In anticipation of spring runoff at the Sheardown Lake Tributary (SDLT), three rock filter berms were installed in mid-April within non-fish-bearing channels. Furthermore, coir logs and spring berms were installed upstream of SDLT-OUT and CLT-OUT to enhance sediment control. The coir logs were installed near the MS-C-C, MS-C-D and MQ-C-D Surveillance Network Program (SNP) monitoring stations. • To reduce sediment within SDLT, repairs and preparations to two silt curtains within the MS-C-F settling pond were completed on May 18 and an additional silt curtain, in conjunction with flocculent blocks, downstream of the Km 105 Pond and upstream of the discharge location was installed on May 23. • Two water management filter berms originally installed in March to bolster settling capacity within the Km 105 Pond continued to effectively reduce TSS prior to the water reaching MS-11. • Polymer treatment and dosing systems were also prepared for implementation prior to flow commencement to promote settling of TSS within the KM 105 Pond. • Following the observation of turbid flow at SDLT on May 23, coir logs were inspected and maintained. Supplementary floc blocs were installed at this time to enhance sediment capture. Furthermore, additional spring berms and corresponding floc blocs were deployed upstream of the previously installed filter berms to bolster overall sediment mitigation efforts. • Rip rapped ditching was also installed adjacent to CV 186 to limit runoff interactions with the road and improve water quality at the crossing within SDLT on May 23. Freshet water quality monitoring and inspections of sampling locations continue to be completed including at the Landfill Gate outfall location (LDFG-OUT) throughout freshet, when flowing water is present. Routine maintenance of ESC measures was performed as necessary to ensure their ongoing effective operation.

Table 6.2: List of Reported Spills and Unauthorized Discharges - 2025

Date	NT-NU Spill Reporting Number	Quantity (L)	Material Spilled	Specific Location	Proximity to Waterbody (m)	Occurred within Engineered Lined Facility?	Corrective Actions
6-Jun-2025	2025-248	Unquantified	Contact Water	KM106 Ore Stockpile	300	No	Water from the KM 106 Ore Stockpile was observed bypassing the diversion berm and seeping onto the facility road in between the pond and stockpile. Minor amounts of pooling water remaining from freshet flows and thawing ground resulted in saturated diversion berm conditions. Uneven gradient along the diversion berm resultant of thawing conditions allowed water to pool near the diversion berm, which contributed to the event. In response to the seepage and in accordance with Baffinland's MDMER Emergency Response Plan, the water migrating on the road was intercepted and redirected to a seepage collection swale/ditch and an existing containment sump. Recovered water was subsequently transferred by pump from the containment sump to the KM 106 Ore Stockpile Pond. Diversion berm gradient was resurfaced to ensure proper run-off of water to the lined spillway of the KM 106 Ore Stockpile Pond. In addition, the ditch and sump were both deepened, in lieu of raising the road/installing a pipe, to increase efficiency of water conveyance and capacity when transferring of water is required. No further seepage was observed from the diversion berm, and the secondary seepage collection ditch and containment sump will remain in place to recover potential seepage from the diversion berm. Both features continue to be inspected on a regular basis.
20-Jun-2025	2025-264	Unquantified	Sediment-laden Water	Waste Rock Facility West Perimeter Ditch	3,000	No	Seepage of snow melt water within the Waste Rock Facility West perimeter ditch occurred through a defined location of the ditch to the tundra plateau adjacent to the WRF. The seepage was observed to be filtering through a previously installed coarse rock fill patch intended to repair road settlement. During follow-up investigation, it was found that the seepage occurred from an area where settlement along the west ditch access road had previously occurred, perpendicular to the roadway, and material had previously been placed to address the settlement. The repair ran directly across (perpendicular to) the roadway and intersected the slope of the perimeter ditch. When water levels in the west perimeter ditch rose above the intersection of the repair on the side slope of the west perimeter ditch, water was able to travel along the rock repair in the roadway base and flowed outside of the containment berm. In response to the seepage and in accordance with Baffinland's MDMER Emergency Response Plan, the perimeter ditch was cleared of residual recently accumulated snow to reduce the water elevation in the ditch and restore the intended water flow along the ditch, and an impermeable repair patch was installed which fully stopped the seepage. The ditch clearing and repairs were completed without delay and by end of day, seepage was no longer observed from the West WRF ditch. Further inspection of WRF access roads and ditch gradients was completed to identify any similar settlement-related vulnerabilities, which were subsequently repaired. A broader aerial survey was planned to search for additional issues; however, due to weather conditions following the investigation, the survey could not be completed. This corrective action remains ongoing, and any areas identified in 2026 will be repaired to maintain proper drainage and prevent recurrence. Inspections and monitoring of the WRF continue on a regular basis.
16-Jul-2025	2025-294	6,300	Effluent (Compliant)	Crusher Facility Sedimentation Pond (MS-06)	500	No	Inflows to the Crusher Facility Sedimentation Pond (MS-06) exceeded the discharge capacity of the infrastructure, following a prolonged rainfall event, resulting in the slow release of compliant water over the lined emergency spillway to the rip rap below the spillway. To manage rising water levels, approximately 302 m3 of effluent was transferred from the MS-06 Pond to the Ore Stockpile Facility Sedimentation Pond (MS-07) to mitigate freeboard conditions, in addition to controlled discharge initiated after initial field readings confirmed the water was compliant with discharge criteria. The pond level was subsequently reduced to the lowest practicable level through continued discharge through the FDP and water transfers. Investigation determined that a significant contributing factor of the release was that the inflow of water to the pond exceeded the discharge pumping capacity of existing infrastructure. The discharge line and pump capacity were undersized, thereby limiting the rate at which the pond could be discharged. In addition, retained surface water runoff from the MS-06 Pond was pumped though a discharge pipeline shared with the Mine Site wastewater treatment plants (WWTPs), which created conflicting priorities regarding when each facility could discharge. A dedicated and larger discharge line was installed for the MS-06 pond, to the existing outfall location, and the existing pump was upgraded with a larger capacity diesel-powered pump to address the infrastructure limitations that contributed to the event.

Table 6.2: List of Reported Spills and Unauthorized Discharges - 2025

Date	NT-NU Spill Reporting Number	Quantity (L)	Material Spilled	Specific Location	Proximity to Waterbody (m)	Occurred within Engineered Lined Facility?	Corrective Actions
16-Jul-2025	2025-292	15	Hydraulic Oil	KM 80.5 (CV-216)	0	No	Hydraulic hose failure on mobile Dx-800 drill occurred during work on the Tote Road at Km 80.5 to support a geotechnical investigation for crossing CV-216. Due to the proximity of the drill to the nearby watercourse, approximately 5 liters of the released hydraulic fluid interacted with the water via spray when the hydraulic hose initially failed. Water quality samples collected at the release location, including acute lethality, indicated that the water was not acutely lethal and was non detect for oil and grease. The failed hydraulic hose on the drill was replaced and a full inspection of the drill was completed by a qualified drill mechanic. Investigation identified that the driller completed a pre-op inspection and no indication of hose damage was reported. To improve drill operation pre-inspection procedures, the requirement for hydraulic hoses to have 500 hrs inspection by a drill mechanic has been added to the PM for all Dx-800 drills that will be operating over or near open-water. The mobile Dx-800 drill was returned to service but was no longer required at KM 80.5 as the area was no longer undergoing geotechnical investigation. The area was monitored for remaining visible sheen or hydrocarbons following remedial activities and none was observed.
30-Jul-2025	2025-309	130	Sewage - Untreated	Mine Site Complex Lift Station	550	No	An overflow from a Mine Site Complex (MSC) lift station tank occurred when sewage sludge accumulated around pump components inside the lift station, preventing the lift station pumps from engaging when the high level was reached as per the design. Facilities at the MSC that drain to the affected lift station were taken out of service and water shut off. The pump intake of one of the affected lift station pumps was manually cleared and the pump was engaged to drain the tank and prevent any further flow from the lift station. Further accumulated sludge material was removed from around the affected pump components inside the lift station, and the lift station pumps were tested and reengaged, resuming lift station operation. Daily inspections are being performed on the MSC lift stations currently in use to identify when each station requires cleaning. These daily inspections have been incorporated into Site Service's PM Schedule under the daily inspection task. Further work is planned to schedule removal of MSC and Sailiivik Camp lift station sludge on a routine schedule as part of the Operators' workflow in the PM Plan for the Project's wastewater treatment facilities. Until that is fully implemented, the daily inspections will continue to be performed to identify when each station requires cleaning. MSC lift stations are also now integrated into the PI system dashboard for real-time remote monitoring by Security and Operations.

Table 6.3: List of Reported Health & Safety Incidents - 2025

Incident Report Description	Incident Type	Date of Incident
Shoulder strain while using ice auger	MAI[1]	8-May-25
IP injured right wrist	MAI[1]	25-May-25
Feeder 023 fire	Dangerous Occurrence	31-May-25
AWT 002 cab fire	Dangerous Occurrence	11-Jun-25
IP pinched finger while removing wheel	MAI[1]	23-Jun-25
IP fell while climbing stairs	MAI[1]	11-Aug-25
Dyno boiler #1 over pressure	Dangerous Occurrence	28-Sep-25
745 fire at KM 40	Dangerous Occurrence	30-Sep-25
IP sustained a twisted ankle during a fall	LTI[2]	23-Oct-25
Laceration to scalp	MAI[1]	29-Dec-25

Notes:

[1] Medical Aid Incident

[2] Loss Time Incident

Table 7.1: Water Quality Monitoring Locations - 2025

Monitoring Program	Monitoring Station	Description	Location (UTM NAD83 Zone 17 W)		Location		Status in 2025
			Easting	Northing	Latitude	Longitude	
Milne Port							
SNP	MP-01	Milne Port Sewage Treatment Plant (STP)	503807	7975982	71° 53' 01.9" N	-80° 53' 25.1" W	Active
SNP	MP-01A	Milne Port Polishing Waste Stabilization Pond (PWSP)	503625	7976015	71° 53' 02.9" N	-80° 53' 43.9" W	Active[1]
SNP	MP-01B	Milne Port 380 Person Sewage Treatment Plant (STP)	503368	7975186	71° 52' 36.2" N	-80° 54' 10.8" W	Active
SNP	MP-02	Milne Port Maintenance Shop (Oily Water)	503785	7976209	71° 53' 09.2" N	-80° 53' 27.3" W	Not Constructed
SNP	MP-03	Milne Port Bulk Fuel Storage Facility (Stormwater)	503638	7976272	71° 53' 11.3" N	-80° 53' 42.6" W	Active
SNP	MP-04	Milne Port Landfarm Facility	503751	7975570	71° 52' 48.6" N	-80° 53' 31.1" W	Active
SNP	MP-04A	Milne Port Landfarm Facility (Contaminated Snow Containment Berm)	503862	7975482	71° 52' 45.8" N	-80° 53' 19.5" W	Active[1]
SNP	MP-05	Milne Port Ore Stockpile Facility - East Surface Water Management Pond	503469	7976383	71° 53' 14.9" N	-80° 54' 00.1" W	Active[1]
SNP	MP-06	Milne Port Ore Stockpile Facility - West Surface Water Management Pond	503125	7976364	71° 53' 14.3" N	-80° 54' 35.8" W	Active
SNP	MP-C-B[3]	Verification Surface Water Monitoring Downstream of Milne Port Infrastructure, and Milne Port Freshet Locations	502844	7975741	71° 52' 54.2" N	-80° 55' 05.0" W	Active
SNP	MP-C-K		502982	7975333	71° 52' 41.0" N	-80° 54' 50.8" W	Active
SNP	MP-C-H[3]		504113	7976509	71° 53' 18.9" N	-80° 52' 53.2" W	Active
SNP	MP-C-J		502940	7974760	71° 52' 22.5" N	-80° 54' 55.2" W	Active
SNP	MP-MRY-2	Fresh Water Intake at Phillips Creek	514503	7964579	71° 46' 52.4" N	-80° 35' 03.8" W	Active[2]
SNP	MP-MRY-3	Fresh Water Intake at Km 32 Lake	521547	7953735	71° 41' 00.4" N	-80° 23' 08.5" W	Active
SNP	MP-Q1-01	Verification Surface Water Monitoring Downstream of the Q1 Quarry	503839	7974467	71° 52' 13.0" N	-80° 53' 22.1" W	Active
SNP	MP-Q1-02		503828	7975396	71° 52' 43.0" N	-80° 53' 23.0" W	Active
Recycled Water	MP-RW-01	LP2 Pond	503603	7975901	71° 52' 59.3" N	-80 53' 46.2" W	Active[4]
Recycled Water	Matrix Ditch	Matrix Ditch	503557	7975928	71° 53' 00.2" N	-80 53' 51.0" W	Active[2,4]
Recycled Water	MP-Q1-P1	Milne Port Q1 Quarry Recycled Water for Dust Suppression	503822	7974661	71° 52' 19.3" N	-80° 53' 23.8" W	Active[4]

Notes:

SNP - Surveillance Network Program; TRMP - Tote Road Monitoring Program; SSPM - Snow Stockpile Program Monitoring

[1] Monitoring station active but there was no surface water flow through the monitoring station/discharge from facility in 2025.

[2] Monitoring station active but there was no water withdrawal (intake) for domestic/industrial/dust suppression use through the monitoring station in 2025.

[3] Also a monitoring station under the Milne Port Snow Stockpile Program Monitoring.

[4] Recycled water location; site used for dust suppression purposes with no applicable water licence criteria.

[5] Also a recycled water location in 2025.

[6] Exploration Phase infrastructure decommissioned.

[7] MS-MRY-09 was sampled in 2025 following the onset of flowing conditions; following removal of MS-MRY-09 from Schedule I in the renewed water licence, sampling at MS-MRY-09 was discontinued under the SNP program.

[8] Snow stockpile monitoring station TR-SN-03 was used in early 2022 but during evaluation of the Tote Road snow stockpile monitoring locations it was found that the sampling station is not required because flow from the snow stockpile ends in the tundra and does not directly enter a waterbody (the closest downgradient waterbody is over a kilometer away); therefore, monitoring location TR-SN-03 has not been used since 2023.

[9] Tote Road Water Crossings CV-154-A and CV-072-C are replacements for CV-162 and CV-071, respectively, that were originally listed in the Roads Management Plan (BAF-PH1-830-P16-0023) that are still representative of the appropriate watershed.

[10] Culvert crossing CV-072-C was blocked and the watercourse was sampled from CV-072-B (location: easting/northing: Zone 17 W 526815 7934586, latitude/longitude: 71° 30' 40.5" -80° 14' 32.5").

[11] Culvert was replaced during 2024/2025 and monitored in 2025 to fulfill construction monitoring requirements as per the Roads Management Plan (BAF-PH1-830-P16-0023).

Table 7.1: Water Quality Monitoring Locations - 2025

Monitoring Program	Monitoring Station	Description	Location (UTM NAD83 Zone 17 W)		Location		Status in 2025
			Easting	Northing	Latitude	Longitude	
Mine Site							
SNP	MQ-C-A	Verification Surface Water Monitoring Downstream of QMR2 Quarry	559489	7914408	71° 19' 28.2" N	-79° 20' 06.9" W	Active
SNP	MQ-C-B		560076	7913888	71° 19' 10.9" N	-79° 19' 09.3" W	Active
SNP	MQ-C-D		559422	7914223	71° 19' 22.3" N	-79° 20' 14.2" W	Active
SNP	MS-01	Mine Site Sewage Treatment Plant No. 1	561322	7913257	71° 18' 49.4" N	-79° 17' 05.7" W	Active[1]
SNP	MS-01A	Mine Site Polishing Waste Stabilization Pond (PWSP)	-	-	-	-	Not Constructed
SNP	MS-01B	Mine Site Sewage Treatment Plant No. 2	560798	7913291	71° 18'51.0" N	-79° 17' 58.3" W	Active
SNP	MS-02	Mine Site Mobile Maintenance Buildings (Meltwater)	561638	7913222	71° 18' 48.0" N	-79° 16' 34.0" W	Not Constructed
SNP	MS-03	Mine Site Bulk Fuel Storage Facility (Stormwater)	561258	7913304	71° 18' 51.0" N	-79° 17' 12.0" W	Active
SNP	MS-03B	Mine Site Bulk Fuel Storage Facility (Stormwater)	560980	7913568	71° 18' 59.7" N	-79° 17' 39.2" W	Active
SNP	MS-04	Mine Site Fuel Unloading Station (Stormwater)	-	-	-	-	Not Constructed
SNP	MS-05	Mine Site Landfarm Facility (Stormwater)	560828	7912726	71° 18' 32.7" N	-79° 17' 56.9" W	Active
SNP	MS-06	Mine Site Crusher Facility - Surface Water Management Pond	561475	7913000	71° 18' 41.0" N	-79° 16' 51.0" W	Active
SNP	MS-07[5]	Mine Site Run of Mine (ROM) Ore Stockpile Pond - Surface Water Management Pond	563583	7913074	71° 18' 41.4" N	-79° 13' 18.7" W	Active
SNP	MS-08[5]	Mine Site Waste Rock Facility (WRF) - Surface Water Management Pond	563218	7916802	71° 20' 24.7" N	-79° 13' 18.3" W	Active
SNP	MS-09	Waste Rock Stockpile - East Pond	-	-	-	-	Not Constructed
SNP	MS-10	Mine Site SDLT-1 Pond Ore Stockpile (Stormwater)	-	-	-	-	Not Constructed
SNP	MS-11	Mine Site Downstream of KM105 Water Treatment Infrastructure	561644	7913476	71°18'56.2" N	- 79° 16'32.6" W	Active
SNP	MS-12	Mine Site Weatherhaven Camp (Stormwater)	-	-	-	-	Not Constructed
SNP	MS-13	Mine Site Explosives Magazine Pond	-	-	-	-	Not Constructed
SNP	MS-14	Mine Site Quarry QMR2 Pond/Sump	-	-	-	-	Not Constructed

Notes:

SNP - Surveillance Network Program; TRMP - Tote Road Monitoring Program; SSPM - Snow Stockpile Program Monitoring

[1] Monitoring station active but there was no surface water flow through the monitoring station/discharge from facility in 2025.

[2] Monitoring station active but there was no water withdrawal (intake) for domestic/industrial/dust suppression use through the monitoring station in 2025.

[3] Also a monitoring station under the Milne Port Snow Stockpile Program Monitoring.

[4] Recycled water location; site used for dust suppression purposes with no applicable water licence criteria.

[5] Also a recycled water location in 2025.

[6] Exploration Phase infrastructure decommissioned.

[7] MS-MRY-09 was sampled in 2025 following the onset of flowing conditions; following removal of MS-MRY-09 from Schedule I in the renewed water licence, sampling at MS-MRY-09 was discontinued under the SNP program.

[8] Snow stockpile monitoring station TR-SN-03 was used in early 2022 but during evaluation of the Tote Road snow stockpile monitoring locations it was found that the sampling station is not required because flow from the snow stockpile ends in the tundra and does not directly enter a waterbody (the closest downgradient waterbody is over a kilometer away); therefore, monitoring location TR-SN-03 has not been used since 2023.

[9] Tote Road Water Crossings CV-154-A and CV-072-C are replacements for CV-162 and CV-071, respectively, that were originally listed in the Roads Management Plan (BAF-PH1-830-P16-0023) that are still representative of the appropriate watershed.

[10] Culvert crossing CV-072-C was blocked and the watercourse was sampled from CV-072-B (location: easting/northing: Zone 17 W 526815 7934586, latitude/longitude: 71° 30' 40.5" -80° 14' 32.5").

[11] Culvert was replaced during 2024/2025 and monitored in 2025 to fulfill construction monitoring requirements as per the Roads Management Plan (BAF-PH1-830-P16-0023).

Table 7.1: Water Quality Monitoring Locations - 2025

Monitoring Program	Monitoring Station	Description	Location (UTM NAD83 Zone 17 W)		Location		Status in 2025
			Easting	Northing	Latitude	Longitude	
SNP	MS-C-A	Verification Surface Water Monitoring Downstream of Mine Site Infrastructure	561263	7913571	71° 18' 59.6" N	-79° 17' 10.7" W	Active
SNP	MS-C-B		561454	7913537	71° 18' 58.3" N	-79° 16' 51.6" W	Active
SNP	MS-C-C		561117	7913196	71° 18' 47.6" N	-79° 17' 26.5" W	Active
SNP	MS-C-D		561008	7913280	71° 18' 50.5" N	-79° 17' 37.2" W	Active
SNP	MS-C-E		560980	7913388	71° 18' 54.0" N	-79° 17' 39.7" W	Active
SNP	MS-C-F		561797	7913278	71° 18' 49.7" N	-79° 16' 17.8" W	Active
SNP	MS-C-G		561813	7911830	71° 18' 02.9" N	-79° 16' 20.3" W	Active
SNP	MS-C-H		561162	7912067	71° 18' 11.2" N	-79° 17' 25.1" W	Active
Recycled Water	HR-CD-05	Mine Site Haul Road KM105 Pond Recycled Water for Dust Suppression	563812	7913140	71° 18' 43.3" N	-79° 12' 55.4" W	Active[2,4]
Recycled Water	MS-DEP-1-570-SUMP	Mine Site 570 Sump Recycled Water for Dust Suppression	563226	7914443	71° 19' 25.9" N	- 79° 13' 50.6" W	Active[4]
Recycled Water	MS-RW-01	Mine Site Flight Ops Pond (Pond 1) Recycled Water for Dust Suppression	559348	7914222	71° 19' 22.3" N	-79° 20' 21.6" W	Active[2,4]
Recycled Water	MS-RW-03	Mine Site Flight Ops Pond (Pond 3) Recycled Water for Dust Suppression	559225	7914167	71° 19' 20.7"N	-79° 20' 34.2"W	Active[2,4]
Recycled Water	MS-RW-04	Mine Site Pond North of Laydown 2 (Pond 4) Recycled Water for Dust Suppression	559807	7913868	71° 19' 10.5" N	- 79° 19' 36.4" W	Active[4]
SNP	MS-MRY-1	Fresh Water Intake at Camp Lake	557779	7914722	71° 19' 39.8" N	-79° 22' 58.2" W	Active
SNP	MS-MRY-04	Mine Site Exploration Camp Sewage Treatment Plant	558134	7914459	71° 19' 31.0" N	-79° 22' 23.2" W	Inactive[6]
SNP	MS-MRY-04A	Mine Site Polishing Waste Stabilization Pond (PWSP)	558492	7914118	71° 19' 19.7" N	-79° 21' 48.1" W	Active[1]
SNP	MS-MRY-04B	Mine Site Polishing Waste Stabilization Pond (PWSP)	558438	7914310	71° 19' 26.0" N	-79° 21' 53.0" W	Active[1]
SNP	MS-MRY-04C	Mine Site Polishing Waste Stabilization Pond (PWSP)	558489	7914271	71° 19' 24.7" N	-79° 21' 48.0" W	Active[1]
SNP	MS-MRY-06	Hazardous Materials Storage Area (MS-HWB-7) (Stormwater)	558284	7914449	71° 19' 30.6" N	-79° 22' 08.1" W	Active
SNP	MS-MRY-09	Mine Site Deposit No.1 - Surface Water Drainage	561083	7915084	71° 19' 48.5" N	-79° 17' 24.5" W	Active[7]
SNP	MS-MRY-13A	Verification Surface Water Drainage Downstream of the Mine Site Non-Hazardous Waste Landfill Facility	560754	7912484	71° 18' 25.0" N	-79° 18' 05.0" W	Active
SNP	MS-MRY-13B		560642	7912527	71° 18' 26.5" N	-79° 18' 16.1" W	Active
SSPM	MS-SN-01	Mine Site Weatherhaven Snow Stockpile	558052	7914303	71° 19' 26.1" N	79° 22' 31.9" W	Active
SSPM	MS-SN-02	Mine Site Landfill Access Road Snow Stockpile	561097	7912884	71° 18' 37.6" N	79° 17' 29.4" W	Active
SSPM	MS-SN-03	Mine Site Warehouse Snow Stockpile	559803	7913756	71° 19' 06.9" N	79° 19' 37.1" W	Active

Notes:

SNP - Surveillance Network Program; TRMP - Tote Road Monitoring Program; SSPM - Snow Stockpile Program Monitoring

[1] Monitoring station active but there was no surface water flow through the monitoring station/discharge from facility in 2025.

[2] Monitoring station active but there was no water withdrawal (intake) for domestic/industrial/dust suppression use through the monitoring station in 2025.

[3] Also a monitoring station under the Milne Port Snow Stockpile Program Monitoring.

[4] Recycled water location; site used for dust suppression purposes with no applicable water licence criteria.

[5] Also a recycled water location in 2025.

[6] Exploration Phase infrastructure decommissioned.

[7] MS-MRY-09 was sampled in 2025 following the onset of flowing conditions; following removal of MS-MRY-09 from Schedule I in the renewed water licence, sampling at MS-MRY-09 was discontinued under the SNP program.

[8] Snow stockpile monitoring station TR-SN-03 was used in early 2022 but during evaluation of the Tote Road snow stockpile monitoring locations it was found that the sampling station is not required because flow from the snow stockpile ends in the tundra and does not directly enter a waterbody (the closest downgradient waterbody is over a kilometer away); therefore, monitoring location TR-SN-03 has not been used since 2023.

[9] Tote Road Water Crossings CV-154-A and CV-072-C are replacements for CV-162 and CV-071, respectively, that were originally listed in the Roads Management Plan (BAF-PH1-830-P16-0023) that are still representative of the appropriate watershed.

[10] Culvert crossing CV-072-C was blocked and the watercourse was sampled from CV-072-B (location: easting/northing: Zone 17 W 526815 7934586, latitude/longitude: 71° 30' 40.5" -80° 14' 32.5").

[11] Culvert was replaced during 2024/2025 and monitored in 2025 to fulfill construction monitoring requirements as per the Roads Management Plan (BAF-PH1-830-P16-0023).

Table 7.1: Water Quality Monitoring Locations - 2025

Monitoring Program	Monitoring Station	Description	Location (UTM NAD83 Zone 17 W)		Location		Status in 2025
			Easting	Northing	Latitude	Longitude	
Tote Road							
SSPM	TR-SN-01	Tote Road Snow Stockpile KM37	521593	7949160	71° 38' 32.8" N	-80° 23' 08.6" W	Active
SSPM	TR-SN-02	Tote Road Snow Stockpile KM63	529344	7926819	71° 26' 28.8" N	-80° 10' 26.1" W	Active
SSMP	TR-SN-03[8]	Tote Road Snow Stockpile KM77	538726	7920503	71° 23' 00.1" N	-79° 54' 47.0" W	Active[1]
SSPM	TR-SN-04	Tote Road Snow Stockpile KM86	546478	7919889	71° 22' 35.4" N	-79° 41' 45.4" W	Active
SSPM	TR-SN-06	Tote Road Snow Stockpile KM97	554983	7914446	71° 19' 34.8" N	-79° 27' 18.3" W	Active
SSPM	TR-SN-07	Tote Road Snow Stockpile KM75	537466	7920200	71° 22' 51.1" N	-79° 56' 54.8" W	Active
Recycled Water	TR-BP-01	Tote Road KM97 Borrow Pond Recycled Water for Dust Suppression	556021	7914684	71° 19' 40.1" N	-79° 25' 55.4" W	Active[4]
Recycled Water	TR-BP-02	Tote Road KM57 Borrow Pond Recycled Water for Dust Suppression	527171	7932085	71° 29' 19.6" N	-80° 13' 59.6" W	Active[4]
TRMP	CV-167	Approximately located at KM6	505538	7972370	71° 51' 05.2" N	-80° 50' 26.5" W	Active
TRMP	CV-154-A[9]	Approximately located at KM9.5	507629	7970074	71° 49' 51.0" N	-80° 46' 50.9" W	Active
TRMP	CV-129	Approximately located at KM15	512381	7966783	71° 48' 03.9"N	-80° 38' 41.3"W	Active
TRMP	CV-128	Approximately located at KM17	513556	7965889	71° 47' 34.9"N	-80° 36' 40.6"W	Active
TRMP	CV-115	Approximately located at KM28	519222	7958135	71° 43' 23.2"N	-80° 27' 03.0"W	Active
TRMP	CV-112	Approximately located at KM31	521033	7954935	71° 41' 39.3"N	-80° 24' 00.0"W	Active
TRMP	CV-106	Approximately located at KM33	521663	7953392	71° 40' 49.3"N	-80° 22' 57.0"W	Active
TRMP	CV-099	Approximately located at KM37	521886	7948843	71° 38' 22.4"N	-80° 22' 38.9"W	Active
TRMP	CV-093	Approximately located at KM42	522927	7945093	71° 36' 21.1"N	-80° 20' 56.4"W	Active
TRMP	CV-078	Approximately located at KM51	525852	7936787	71° 31' 51.9"N	-80° 16' 07.8"W	Active
TRMP	CV-072-C[9, 10]	Approximately located at KM54	526897	7934576	71° 30' 40.1"N	-80° 14' 24.2"W	Active
TRMP	CV-060	Approximately located at KM58	527622	7930342	71° 28' 23.2"N	-80° 13' 16.0"W	Active

Notes:

SNP - Surveillance Network Program; TRMP - Tote Road Monitoring Program; SSPM - Snow Stockpile Program Monitoring

[1] Monitoring station active but there was no surface water flow through the monitoring station/discharge from facility in 2025.

[2] Monitoring station active but there was no water withdrawal (intake) for domestic/industrial/dust suppression use through the monitoring station in 2025.

[3] Also a monitoring station under the Milne Port Snow Stockpile Program Monitoring.

[4] Recycled water location; site used for dust suppression purposes with no applicable water licence criteria.

[5] Also a recycled water location in 2025.

[6] Exploration Phase infrastructure decommissioned.

[7] MS-MRY-09 was sampled in 2025 following the onset of flowing conditions; following removal of MS-MRY-09 from Schedule I in the renewed water licence, sampling at MS-MRY-09 was discontinued under the SNP program.

[8] Snow stockpile monitoring station TR-SN-03 was used in early 2022 but during evaluation of the Tote Road snow stockpile monitoring locations it was found that the sampling station is not required because flow from the snow stockpile ends in the tundra and does not directly enter a waterbody (the closest downgradient waterbody is over a kilometer away); therefore, monitoring location TR-SN-03 has not been used since 2023.

[9] Tote Road Water Crossings CV-154-A and CV-072-C are replacements for CV-162 and CV-071, respectively, that were originally listed in the Roads Management Plan (BAF-PH1-830-P16-0023) that are still representative of the appropriate watershed.

[10] Culvert crossing CV-072-C was blocked and the watercourse was sampled from CV-072-B (location: easting/northing: Zone 17 W 526815 7934586, latitude/longitude: 71° 30' 40.5" -80° 14' 32.5").

[11] Culvert was replaced during 2024/2025 and monitored in 2025 to fulfill construction monitoring requirements as per the Roads Management Plan (BAF-PH1-830-P16-0023).

Table 7.1: Water Quality Monitoring Locations - 2025

Monitoring Program	Monitoring Station	Description	Location (UTM NAD83 Zone 17 W)		Location		Status in 2025
			Easting	Northing	Latitude	Longitude	
TRMP	BG-50	Approximately located at KM63	529294	7926852	71° 26' 29.8"N	-80° 10' 31.1"W	Active
TRMP	CV-040	Approximately located at KM71.5	535168	7920326	71° 22' 56.4"N	-80° 00' 46.7"W	Active
TRMP	BG-32	Approximately located at KM78	540729	7921597	71° 23' 34.2"N	-79° 51' 22.6"W	Active
TRMP	CV-217	Approximately located at KM80	542321	7922189	71° 23' 52.4"N	-79° 48' 40.5"W	Active
TRMP	BG-30	Approximately located at KM84.5	546070	7919844	71° 22' 34.2"N	-79° 42' 26.6"W	Active
TRMP	BG-24	Approximately located at KM88	548766	7918878	71° 22' 01.1"N	-79° 37' 56.6"W	Active
TRMP	CV-001	Approximately located at KM94.1	553544	7914897	71° 19' 49.0"N	-79° 30' 04.3"W	Active
TRMP	CV-223	Approximately located at KM97.5	555705	7914676	71° 19' 40.1"N	-79° 26' 27.3"W	Active
Construction Monitoring (Post)	CV-049[11]	Approximately located at KM63.5	529664	7926551	71° 26' 20.0"N	`-80° 09' 54.1"W	NA
Construction Monitoring	CV-187[11]	Approximately located at KM103	560956	7913415	71° 18' 54.8"N	-79° 17' 42.0"W	NA

Notes:

SNP - Surveillance Network Program; TRMP - Tote Road Monitoring Program; SSPM - Snow Stockpile Program Monitoring

[1] Monitoring station active but there was no surface water flow through the monitoring station/discharge from facility in 2025.

[2] Monitoring station active but there was no water withdrawal (intake) for domestic/industrial/dust suppression use through the monitoring station in 2025.

[3] Also a monitoring station under the Milne Port Snow Stockpile Program Monitoring.

[4] Recycled water location; site used for dust suppression purposes with no applicable water licence criteria.

[5] Also a recycled water location in 2025.

[6] Exploration Phase infrastructure decommissioned.

[7] MS-MRY-09 was sampled in 2025 following the onset of flowing conditions; following removal of MS-MRY-09 from Schedule I in the renewed water licence, sampling at MS-MRY-09 was discontinued under the SNP program.

[8] Snow stockpile monitoring station TR-SN-03 was used in early 2022 but during evaluation of the Tote Road snow stockpile monitoring locations it was found that the sampling station is not required because flow from the snow stockpile ends in the tundra and does not directly enter a waterbody (the closest downgradient waterbody is over a kilometer away); therefore, monitoring location TR-SN-03 has not been used since 2023.

[9] Tote Road Water Crossings CV-154-A and CV-072-C are replacements for CV-162 and CV-071, respectively, that were originally listed in the Roads Management Plan (BAF-PH1-830-P16-0023) that are still representative of the appropriate watershed.

[10] Culvert crossing CV-072-C was blocked and the watercourse was sampled from CV-072-B (location: easting/northing: Zone 17 W 526815 7934586, latitude/longitude: 71° 30' 40.5" -80° 14' 32.5").

[11] Culvert was replaced during 2024/2025 and monitored in 2025 to fulfill construction monitoring requirements as per the Roads Management Plan (BAF-PH1-830-P16-0023).

Table 7.2.1: Water Quality Results for Water Licence Monitoring Location MP-01

Monitoring Station		MP-01	MP-01	MP-01	MP-01[3]	MP-01	MP-01	MP-01	MP-01	MP-01	MP-01
Sample Date & Time		2025-01-07 13:10	2025-02-04 13:10	2025-03-04 13:30	2025-04-08 13:30	2025-04-15 12:00	2025-05-06 13:10	2025-06-03 13:30	2025-07-15 12:30	2025-08-12 12:30	2025-09-02 13:10
ALS Laboratory Work Order		WT2500340	WT2502105	WT2504216	WT2507743	WT2508492	WT2510616	WT2513871	WT2519032	WT2522109	WT2524538
Analyte	**Units**										
pH, Lab	pH units	7.85	7.57	7.6	7.46	7.39	7.6	7.18	7.45	7.37	7.53
Total Suspended Solids	mg/L	2.2	2.3	1.2	< 1	2.8	1.1	1.3	< 1	1.8	< 1
Total Dissolved Solids	mg/L	721	889	820	981	886	751	751	831	786	821
Turbidity	NTU	0.74	0.78	0.59	0.54	1.03	0.31	0.28	0.29	0.6	0.44
Alkalinity, Total	mg/L	77.5	67.1	50.3	41.9	38.1	45.5	30.6	41.6	38.5	41.1
Ammonia, Total (as N)	mg/L	0.0384	0.0371	0.0338	0.0912	0.103	0.0314	0.0194	0.194	0.0474	0.171
Phosphorus, Nutrient	mg/L	4.92	5.83	6.18	6.61	5.91	5.71	6.38	8.72	8.42	8.32
Total Kjeldahl Nitrogen	mg/L	0.456	13.3	9.48	1.15	1.3	1.06	< 5	11.9	1.11	5.69
Fecal Coliforms	CFU/100mL	< 1	< 1	61	-	17	< 1	< 1	< 1	< 1	< 1
BOD	mg/L	< 3	2	< 2	< 2	2.6	< 2	2.2	< 2	< 2	< 2
Oil and Grease, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Visible Sheen, Field	N/A	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[1,2]	N/A	-	-	Not Acutely Toxic	-	-	-	-	-	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

[3] Fecal Coliforms not sampled but resampled on 15-April-2025 to include this parameter.

Table 7.2.1: Water Quality Results for Water Licence Monitoring Location MP-01

Location Name		MP-01	MP-01	MP-01
Sample Date & Time		2025-10-07 12:30	2025-11-04 12:40	2025-12-09 11:35
ALS Laboratory Work Order		WT2528560	WT2531958	WT2535948
Analyte	**Units**			
pH, Lab	pH units	7.44	7.76	7.48
Total Suspended Solids	mg/L	6.5	< 1	< 1
Total Dissolved Solids	mg/L	691	871	884
Turbidity	NTU	2.4	0.26	0.41
Alkalinity, Total	mg/L	59.7	57.4	63.2
Ammonia, Total (as N)	mg/L	0.15	0.336	0.0438
Phosphorus, Nutrient	mg/L	7.42	7.38	6.49
Total Kjeldahl Nitrogen	mg/L	7.87	58.4	18.6
Fecal Coliforms	CFU/100mL	11	< 1	< 1
BOD	mg/L	2.5	< 2	< 2
Oil and Grease, Total	mg/L	< 5	< 5	< 5
Visible Sheen, Field	N/A	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[1,2]	N/A	-	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.2.2: Water Quality Results for Water Licence Monitoring Location MP-01B

Monitoring Station		MP-01B	MP-01B	MP-01B	MP-01B	MP-01B	MP-01B	MP-01B	MP-01B	MP-01B	MP-01B
Sample Date & Time		2025-01-07 13:20	2025-02-04 13:30	2025-03-04 13:20	2025-04-08 13:30	2025-05-06 13:30	2025-06-03 09:40	2025-07-15 10:35	2025-08-12 11:35	2025-09-02 13:30	2025-10-07 12:55
ALS Laboratory Work Order		WT2500340	WT2502105	WT2504216	WT2507743	WT2510616	WT2513871	WT2519032	WT2522109	WT2524538	WT2528560
Analyte	**Units**										
pH, Lab	pH units	7.39	8.07	7.15	7.64	7.98	7.13	8.2	7.8	8.08	7.79
Total Suspended Solids	mg/L	< 1	1.8	< 1	4	2.6	< 1	< 1	1.2	< 1	< 1
Total Dissolved Solids	mg/L	626	474	730	602	551	604	692	647	676	646
Turbidity	NTU	< 0.1	0.35	0.11	0.37	0.38	0.29	0.16	0.28	0.16	0.13
Alkalinity, Total	mg/L	55.5	95.2	35.5	48.3	94.9	35.1	118	91.9	121	85.1
Ammonia, Total (as N)	mg/L	0.0164	0.0193	0.0216	0.0337	0.0214	0.0183	0.0329	0.0501	0.0331	0.0295
Phosphorus, Nutrient	mg/L	11.9	6.74	12.2	10.1	4.8	12.2	10.4	7.29	8.47	9.42
Total Kjeldahl Nitrogen	mg/L	1.21	5.38	16.8	0.927	1.27	15.3	7.36	1.11	5.18	1.28
Fecal Coliforms	CFU/100mL	5	29	196	1	35	2	59	9	3	< 1
BOD	mg/L	< 3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Oil and Grease, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Visible Sheen, Field	N/A	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[1,2]	N/A	-	-	Not Acutely Toxic	-	-	-	-	-	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.2.2: Water Quality Results for Water Licence Monitoring Location MP-01B

Monitoring Station		MP-01B	MP-01B	MP-01B
Sample Date & Time		2025-01-07 13:20	2025-11-04 12:30	2025-12-09 13:30
ALS Laboratory Work Order		WT2500340	WT2531958	WT2535948
Analyte	**Units**			
pH, Lab	pH units	7.39	7.93	7.71
Total Suspended Solids	mg/L	< 1	< 1	< 1
Total Dissolved Solids	mg/L	626	583	604
Turbidity	NTU	< 0.1	0.12	0.13
Alkalinity, Total	mg/L	55.5	86.2	70
Ammonia, Total (as N)	mg/L	0.0164	0.0512	0.0618
Phosphorus, Nutrient	mg/L	11.9	6.94	8.15
Total Kjeldahl Nitrogen	mg/L	1.21	6.03	6
Fecal Coliforms	CFU/100mL	5	< 1	< 1
BOD	mg/L	< 3	< 2	< 2
Oil and Grease, Total	mg/L	< 5	< 5	< 5
Visible Sheen, Field	N/A	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[1,2]	N/A	-	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.2.4: Water Quality Results for Water Licence Monitoring Location MP-04

	Monitoring Station	MP-04
	Sample Date & Time	2025-08-14 12:30
	ALS Laboratory Work Order	BF2500258
Analyte	**Units**	
pH, Lab	pH units	8.39
Total Suspended Solids	mg/L	15
Total Dissolved Solids	mg/L	324
Turbidity	NTU	9.17
Ammonia, Total (as N)	mg/L	0.0597
Phosphorus, Nutrient	mg/L	0.0809
Arsenic - Total	mg/L	0.00251
Copper - Total	mg/L	< 0.005
Lead - Total	mg/L	0.00694
Nickel - Total	mg/L	< 0.005
Zinc - Total	mg/L	< 0.03
Benzene	ug/L	< 0.5
Ethylbenzene	ug/L	< 0.5
Toluene	ug/L	< 0.5
Total Xylenes	ug/L	< 0.5
m+p-Xylenes	ug/L	< 0.4
o-Xylene	ug/L	< 0.3
F1-BTEX	ug/L	< 25
F1 (C6-C10)	ug/L	< 25
F2 (C10-C16)	ug/L	810
F3 (C16-C34)	ug/L	1670
F4 (C34-C50)	ug/L	< 250
Total Petroleum Hydrocarbons (C6-C50)	ug/L	2480
Oil and Grease, Total	mg/L	< 5
Visible Sheen, Field	None	No Visible Sheen

Table 7.2.3: Water Quality Results for Water Licence Monitoring Location MP-03

		Monitoring Station	MP-03	MP-03
		Sample Date & Time	2025-06-17 09:00	2025-07-22 07:15
		ALS Laboratory Work Order	WT2515670	WT2519824
Analyte	**Units**	**Water Licence Criteria[1]**		
pH, Lab	pH units	-	7.99	8.42
Total Suspended Solids	mg/L	-	14.7	3.2
Total Dissolved Solids	mg/L	-	181	238
Turbidity	NTU	-	13.1	5.46
Ammonia, Total (as N)	mg/L	-	0.0114	0.0191
Phosphorus, Nutrient	mg/L	-	< 0.016	0.0125
Arsenic - Total	mg/L	-	0.00028	0.00038
Copper - Total	mg/L	-	0.00309	0.00328
Lead - Total	mg/L	0.2	0.00062	0.000338
Nickel - Total	mg/L	-	0.00061	0.00084
Zinc - Total	mg/L	-	0.0075	0.0052
Benzene	ug/L	590	< 0.5	< 0.5
Ethylbenzene	ug/L	70	< 0.5	< 0.5
Toluene	ug/L	30	< 0.5	< 0.5
Total Xylenes	ug/L	70	1.35	< 0.5
m+p-Xylenes	ug/L	70	0.95	< 0.4
o-Xylene	ug/L	70	0.4	< 0.3
F1-BTEX	ug/L	-	< 25	< 25
F1 (C6-C10)	ug/L	-	< 25	< 25
F2 (C10-C16)	ug/L	-	280	120
F3 (C16-C34)	ug/L	-	< 250	< 250
F4 (C34-C50)	ug/L	-	< 250	< 250
Petroleum Hydrocarbons (C6	ug/L	-	< 370	< 370
Oil and Grease, Total	mg/L	15	< 5	< 5
Visible Sheen, Field	N/A	No Visible Sheen	No Visible Sheen	No Visible Sheen

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 8.

Table 7.2.5: Water Quality Results for Water Licence Monitoring Location MP-06

Monitoring Station		MP-06	MP-06	MP-06	MP-06
Sample Date & Time		2025-06-17 10:00	2025-07-11 20:15	2025-08-01 11:30	2025-09-01 14:30
ALS Laboratory Work Order		WT2515666	BF2500150	BF2500232	BF2500314
Analyte	**Units**				
pH, Field	pH units	8	8.28	8.32	8.46
Specific Conductivity, Field	us/cm	513	673	944	903
Temperature, Field	deg C	12.4	7.1	14.7	2.3
Turbidity, Field	NTU	16.4	228	6.91	9.71
Hardness	mg/L	447	272	420	373
pH, Lab	pH units	7.85	8.11	8.24	8.29
Total Suspended Solids	mg/L	2.2	43.3	< 1	1.6
Total Dissolved Solids	mg/L	620	419	587	551
Turbidity	NTU	5.57	170	4.47	4.8
Alkalinity, Total	mg/L	63.8	112	155	176
Ammonia, Total (as N)	mg/L	0.61	0.0424	0.0758	0.0226
Chloride	mg/L	72.7	73.1	86.3	83.8
Fluoride	mg/L	0.124	0.194	0.221	0.233
Nitrate	mg/L	8.45	1.68	3.32	3.87
Nitrite	mg/L	0.253	0.012	< 0.05	< 0.01
Phosphorus, Nutrient	mg/L	0.0044	0.0222	0.0048	0.0038
Total Kjeldahl Nitrogen	mg/L	0.887	0.516	0.7	0.466
Sulfate	mg/L	290	105	216	136
Phenols	ug/L	1.1	1.5	< 1	< 1
Dissolved Organic Carbon	mg/L	1.2	4.4	5.93	3.72
Total Organic Carbon	mg/L	1.8	4.26	5.61	4.51
Aluminum - Total	mg/L	0.057	2.91	0.0444	0.0517
Antimony - Total	mg/L	< 0.0001	< 0.001	0.00016	0.00011
Arsenic - Total	mg/L	0.00019	< 0.001	0.00024	0.00022
Barium - Total	mg/L	0.0124	0.0203	0.0122	0.0121
Cadmium - Total	mg/L	< 0.000005	< 0.00005	0.0000072	< 0.000005
Calcium - Total	mg/L	60	51.9	74.4	75.3
Chromium - Total	mg/L	< 0.0005	< 0.005	< 0.0005	< 0.0005
Cobalt - Total	mg/L	0.00112	0.00268	0.00247	0.00029
Copper - Total	mg/L	0.00067	< 0.005	0.00148	0.00129
Iron - Total	mg/L	0.182	3	0.087	0.107
Lead - Total	mg/L	< 0.00005	0.0018	0.000068	0.000078
Lithium - Total	mg/L	0.0209	0.0162	0.0225	0.017
Magnesium - Total	mg/L	72.1	34.7	56.8	44.9
Manganese - Total	mg/L	0.0374	0.422	0.991	0.0213
Mercury - Total	mg/L	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Molybdenum - Total	mg/L	0.00232	0.00311	0.00516	0.00522
Nickel - Total	mg/L	0.00121	0.00535	0.00243	0.00078
Phosphorus, Total	mg/L	< 0.05	< 0.5	< 0.05	< 0.05

Table 7.2.5: Water Quality Results for Water Licence Monitoring Location MP-06

Monitoring Station		MP-06	MP-06	MP-06	MP-06
Sample Date & Time		2025-06-17 10:00	2025-07-11 20:15	2025-08-01 11:30	2025-09-01 14:30
ALS Laboratory Work Order		WT2515666	BF2500150	BF2500232	BF2500314
Analyte	**Units**				
Potassium - Total	mg/L	5.31	6.48	7.08	7.78
Selenium - Total	mg/L	0.0013	< 0.0005	0.000402	0.000156
Sodium - Total	mg/L	35.5	28.7	33.9	48.5
Strontium - Total	mg/L	0.149	0.167	0.222	0.225
Thallium - Total	mg/L	0.000038	< 0.0001	0.000035	0.000017
Tin - Total	mg/L	< 0.0001	< 0.001	< 0.0001	< 0.0001
Titanium - Total	mg/L	< 0.0005	0.0515	0.00073	< 0.0009
Uranium - Total	mg/L	0.0296	0.106	0.145	0.189
Vanadium - Total	mg/L	< 0.0005	< 0.005	< 0.0005	< 0.0005
Zinc - Total	mg/L	< 0.003	< 0.03	0.0035	0.0038
Aluminum - Dissolved	mg/L	0.0084	0.0184	0.0212	0.0111
Arsenic - Dissolved	mg/L	0.00016	0.00025	0.00023	0.00025
Cadmium - Dissolved	mg/L	< 0.000005	0.000006	0.0000054	< 0.000005
Calcium - Dissolved	mg/L	54.6	53.2	71.8	74
Copper - Dissolved	mg/L	0.0004	0.00106	0.00147	0.00134
Iron - Dissolved	mg/L	< 0.01	< 0.01	0.022	0.024
Lead - Dissolved	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Magnesium - Dissolved	mg/L	65.7	31.2	56.5	40.8
Manganese - Dissolved	mg/L	0.017	0.338	0.928	0.0137
Mercury - Dissolved	mg/L	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Molybdenum - Dissolved	mg/L	0.00229	0.00525	0.00504	0.00547
Nickel - Dissolved	mg/L	0.00067	0.00078	0.00225	0.00067
Potassium - Dissolved	mg/L	5.23	6.51	6.82	7.45
Selenium - Dissolved	mg/L	0.00155	0.000252	0.000445	0.000197
Sodium - Dissolved	mg/L	33.4	28.2	32.7	46
Thallium - Dissolved	mg/L	0.000038	0.000026	0.000033	0.00002
Uranium - Dissolved	mg/L	0.0276	0.101	0.145	0.186
Zinc - Dissolved	mg/L	0.001	< 0.001	0.0028	0.0031
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[1,2]	N/A	Not Acutely Toxic	-	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.2.6: Water Quality Results for Water Licence Monitoring Location MP-Q1-01

Monitoring Station		MP-Q1-01	MP-Q1-01	MP-Q1-01
Sample Date & Time		2025-06-01 11:50	2025-07-06 09:40	2025-08-03 15:30
ALS Laboratory Work Order		WT2514051	BF2500143	BF2500238
Analyte	**Units**			
Conductivity	umhos/cm	72.9	154	182
pH, Lab	pH units	7.4	7.86	8
Total Dissolved Solids	mg/L	56	93	100
Total Suspended Solids	mg/L	13.5	< 1	< 1.4
Turbidity	NTU	13.6	4.15	4.84
Ammonia, Total (as N)	mg/L	0.0091	< 0.005	< 0.005
Nitrate	mg/L	0.224	0.274	0.197
Oil and Grease, Total	mg/L	< 5	< 5	< 5
Mean Mortality to Daphnia magna	%	< 1	-	< 1
Mean Mortality to Rainbow Trout	%	< 1	-	< 1

Notes:
Sample location was visited in May but was frozen; location was dry by early September

Table 7.2.7: Water Quality Results for Water Licence Monitoring Location MP-Q1-02

Monitoring Station		MP-Q1-02	MP-Q1-02	MP-Q1-02	MP-Q1-02
Sample Date & Time		2025-06-01 12:15	2025-07-06 10:00	2025-08-03 16:20	2025-09-08 17:05
ALS Laboratory Work Order		WT2514051	BF2500143	BF2500238	BF2500328
Analyte	**Units**				
Conductivity	umhos/cm	135	298	438	450
pH, Lab	pH units	7.42	8.18	8.16	7.82
Total Dissolved Solids	mg/L	81	170	256	246
Total Suspended Solids	mg/L	13.5	< 1	< 1	3.4
Turbidity	NTU	30.5	1.74	0.93	4.8
Ammonia, Total (as N)	mg/L	0.0446	< 0.005	0.0206	0.0078
Nitrate	mg/L	0.222	5.04	11	3.9
Oil and Grease, Total	mg/L	< 5	< 5	< 5	< 5
Mean Mortality to Daphnia magna	%	-	< 1	-	< 1
Mean Mortality to Rainbow Trout	%	-	< 1	-	< 1

Notes:
Sample location was visited in May but was frozen; location was dry by mid-September

Table 7.3.1: Water Quality Results for Water Licence Monitoring Location - MS-01B

		Monitoring Station	MS-01B	MS-01B	MS-01B	MS-01B	MS-01B	MS-01B	MS-01B	MS-01B	MS-01B
		Sample Date & Time	2025-01-07 12:30	2025-02-04 14:30	2025-03-04 14:30	2025-04-08 13:40	2025-05-06 14:05	2025-06-03 14:00	2025-07-08 13:20	2025-08-12 14:00	2025-09-02 13:40
		ALS Laboratory Work Order	WT2500336	WT2502191	WT2504213	WT2507750	WT2510613	WT2513811	WT2518077	WT2522100	WT2524541
Analyte	**Units**	**Water Licence Criteria[1]**									
pH, Lab	pH units	6.0 - 9.5	7.8	7.81	8.17	8.44	8.43	8.33	8.46	7.88	7.62
Total Suspended Solids	mg/L	30	< 1	< 1	< 1	< 1	1.4	< 1	< 1	< 1	< 1
Total Dissolved Solids	mg/L	-	668	776	802	1030	854	823	834	744	703
Turbidity	NTU	-	0.18	0.17	0.17	0.3	0.26	0.23	0.21	0.15	0.23
Alkalinity, Total	mg/L	-	89.1	100	131	297	209	272	284	69.9	64.8
Ammonia, Total (as N)	mg/L	4	0.0133	0.02	0.0153	0.0168	0.0133	0.0144	0.0138	0.0301	0.0214
Phosphorus, Nutrient	mg/L	4	0.154	0.133	0.152	0.311	0.243	0.302	0.297	0.0835	0.101
Total Kjeldahl Nitrogen	mg/L	-	0.416	0.852	8.98	< 0.05	1.03	< 5	3.64	0.748	3.3
Fecal Coliforms	CFU/100mL	1000	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
BOD	mg/L	30	< 3	< 2	< 2	< 2	4.1	< 2	< 2	< 2	< 2
Oil and Grease, Total	mg/L	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[2,3]	None	Not Acutely Toxic	-	-	Not Acutely Toxic	-	-	-	-	-	-

Notes:
Bold highlight indicate results that exceeded the applicable water quality criteria.
[1] Type A Water Licence (2AM-MRY2540) - Table 5.
[2] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .
[3] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.3.1: Water Quality Results for Water Licence Monitoring Location - MS-01B

		Location Name	MS-01B	MS-01B	MS-01B
		Sample Date & Time	2025-10-07 13:00	2025-11-04 13:40	2025-12-09 13:00
		ALS Laboratory Work Order	WT2528567	WT2531731	WT2535804
Analyte	**Units**	**Water Licence Criteria[1]**			
pH, Lab	pH units	6.0 - 9.5	7.94	7.42	7.95
Total Suspended Solids	mg/L	30	< 1	< 1	< 1
Total Dissolved Solids	mg/L	-	983	862	878
Turbidity	NTU	-	0.19	0.16	0.25
Alkalinity, Total	mg/L	-	154	31.2	141
Ammonia, Total (as N)	mg/L	4	0.0276	0.0208	0.02
Phosphorus, Nutrient	mg/L	4	0.389	0.103	0.757
Total Kjeldahl Nitrogen	mg/L	-	2.52	5.17	< 5
Fecal Coliforms	CFU/100mL	1000	10	1	5
BOD	mg/L	30	< 2	< 2	< 2
Oil and Grease, Total	mg/L	-	< 5	< 5	< 5
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality[2,3]	None	Not Acutely Toxic	-	-	-

Notes:
Bold highlight indicate results that exceeded the applicable water quality criteria.
[1] Type A Water Licence (2AM-MRY2540) - Table 5.
[2] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .
[3] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.3.2: Water Quality Results for Water Licence Monitoring Location - MS-03

		Monitoring Station	MS-03
		Sample Date & Time	2025-08-15 11:15
		ALS Laboratory Work Order	BF2500262
Analyte	**Units**	**Water Licence Criteria[1]**	
pH, Field	pH units	-	8.12
Specific Conductivity, Field	us/cm	-	327.1
pH, Field	pH units	-	8.12
Specific Conductivity, Field	us/cm	-	327.1
Temperature, Field	deg C	-	7.5
Turbidity, Field	NTU	-	13.13
pH, Lab	pH units	-	8.1
Total Suspended Solids	mg/L	-	16.4
Total Dissolved Solids	mg/L	-	202
Turbidity	NTU	-	15.7
Arsenic - Total	mg/L	-	0.00044
Copper - Total	mg/L	-	0.00341
Lead - Total	mg/L	0.2	0.00121
Nickel - Total	mg/L	-	0.00139
Zinc - Total	mg/L	-	0.0177
Benzene	ug/L	590	< 0.5
Ethylbenzene	ug/L	70	< 0.5
Toluene	ug/L	30	< 0.5
Total Xylenes	ug/L	70	< 0.5
m+p-Xylenes	ug/L	70	< 0.4
o-Xylene	ug/L	70	< 0.3
F1-BTEX	ug/L	-	< 25
F1 (C6-C10)	ug/L	-	< 25
F2 (C10-C16)	ug/L	-	200
F3 (C16-C34)	ug/L	-	330
F4 (C34-C50)	ug/L	-	< 250
Total Petroleum Hydrocarbons (C6-C50)	ug/L	-	530
Oil and Grease, Total	mg/L	15	< 5
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 8.

Table 7.3.3: Water Quality Results for Water Licence Monitoring Location - MS-03B

		Monitoring Station	MS-03B
		Sample Date & Time	2025-07-29 11:50
		ALS Laboratory Work Order	BF2500216
Analyte	**Units**	**Water Licence Criteria[1]**	
pH, Lab	pH units	-	8.07
Total Suspended Solids	mg/L	-	< 1
Total Dissolved Solids	mg/L	-	120
Turbidity	NTU	-	4.74
Arsenic - Total	mg/L	-	0.00012
Copper - Total	mg/L	-	0.00152
Lead - Total	mg/L	0.2	0.000212
Nickel - Total	mg/L	-	< 0.0005
Zinc - Total	mg/L	-	0.0034
Benzene	ug/L	590	< 0.5
Ethylbenzene	ug/L	70	< 0.5
Toluene	ug/L	30	< 0.5
Total Xylenes	ug/L	70	< 0.5
m+p-Xylenes	ug/L	70	< 0.4
o-Xylene	ug/L	70	< 0.3
F1-BTEX	ug/L	-	< 25
F1 (C6-C10)	ug/L	-	< 25
F2 (C10-C16)	ug/L	-	< 100
F3 (C16-C34)	ug/L	-	< 250
F4 (C34-C50)	ug/L	-	< 250
Total Petroleum Hydrocarbons (C6-C50)	ug/L	-	< 370
Oil and Grease, Total	mg/L	15	< 5
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 8.

Table 7.3.3: Water Quality Results for Water Licence Monitoring Location - MS-03B

Table 7.3.4: Water Quality Results for Water Licence Monitoring Location - MS-05

		Monitoring Station	MS-05
		Sample Date & Time	2025-09-01 11:55
		ALS Laboratory Work Order	BF2500310
Analyte	**Units**	**Water Licence Criteria[1]**	
pH, Lab	pH units	9.5	7.96
Total Suspended Solids	mg/L	30	4.6
Total Dissolved Solids	mg/L	-	206
Turbidity	NTU	-	8.58
Arsenic - Total	mg/L	-	0.00029
Copper - Total	mg/L	-	0.00262
Lead - Total	mg/L	0.2	0.000154
Nickel - Total	mg/L	-	0.00153
Zinc - Total	mg/L	-	0.0048
Benzene	ug/L	590	< 0.5
Ethylbenzene	ug/L	70	< 0.5
Toluene	ug/L	30	< 0.5
Total Xylenes	ug/L	70	< 0.5
m+p-Xylenes	ug/L	70	< 0.4
o-Xylene	ug/L	70	< 0.3
F1-BTEX	ug/L	-	< 25
F1 (C6-C10)	ug/L	-	< 25
F2 (C10-C16)	ug/L	-	< 100
F3 (C16-C34)	ug/L	-	3680
F4 (C34-C50)	ug/L	-	460
Total Petroleum Hydrocarbons (C6-C50)	ug/L	-	4140
Oil and Grease, Total	mg/L	15	5.2
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 9.

Table 7.3.5: Water Quality Results for Water Licence Monitoring Location - MS-06

			Monitoring Station	MS-06
			Sample Date & Time	2025-07-16 12:30
			ALS Laboratory Work Order	BF2500163
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**	
pH, Field	pH units	-	-	7.13
Specific Conductivity, Field	us/cm	-	-	1852
Temperature, Field	deg C	-	-	8
Turbidity, Field	NTU	-	-	48.9
Hardness	mg/L	-	-	866
Conductivity	umhos/cm	-	-	1900
pH, Lab	pH units	6.0 - 9.5	6.0 - 9.5	7.12
Total Suspended Solids	mg/L	Grab 30, Average 15	30 (Grab)	5
Total Dissolved Solids	mg/L	-	-	1430
Turbidity	NTU	-	-	34.9
Alkalinity, Total	mg/L	-	-	13.6
Ammonia, Total (as N)	mg/L	-	-	7.85
Chloride	mg/L	-	-	116
Fluoride	mg/L	-	-	< 0.1
Nitrate	mg/L	-	-	23.7
Nitrite	mg/L	-	-	0.334
Phosphorus, Nutrient	mg/L	-	-	0.0073
Total Kjeldahl Nitrogen	mg/L	-	-	15.2
Sulfate	mg/L	-	-	739
Dissolved Organic Carbon	mg/L	-	-	3.69
Total Organic Carbon	mg/L	-	-	4.18
Aluminum - Total	mg/L	-	-	0.147
Antimony - Total	mg/L	-	-	< 0.001
Arsenic - Total	mg/L	0.60	0.60	< 0.001
Barium - Total	mg/L	-	-	0.0153
Cadmium - Total	mg/L	-	-	0.000221
Calcium - Total	mg/L	-	-	62.6
Chromium - Total	mg/L	-	-	< 0.005
Cobalt - Total	mg/L	-	-	0.0406
Copper - Total	mg/L	0.60	0.60	< 0.005
Iron - Total	mg/L	-	-	0.47
Lead - Total	mg/L	0.20	0.20	0.00089
Lithium - Total	mg/L	-	-	0.0456
Magnesium - Total	mg/L	-	-	184
Manganese - Total	mg/L	-	-	18.4
Mercury - Total	mg/L	-	-	< 0.000005
Molybdenum - Total	mg/L	-	-	< 0.0005
Nickel - Total	mg/L	1.00	1.00	0.0335
Phosphorus, Total	mg/L	-	-	< 0.5

Table 7.3.5: Water Quality Results for Water Licence Monitoring Location - MS-06

			Monitoring Station	MS-06
			Sample Date & Time	2025-07-16 12:30
			ALS Laboratory Work Order	BF2500163
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**	
Potassium - Total	mg/L	-	-	10.8
Selenium - Total	mg/L	-	-	0.00204
Sodium - Total	mg/L	-	-	48.2
Strontium - Total	mg/L	-	-	0.123
Thallium - Total	mg/L	-	-	0.00021
Tin - Total	mg/L	-	-	< 0.001
Titanium - Total	mg/L	-	-	< 0.003
Uranium - Total	mg/L	-	-	0.000345
Vanadium - Total	mg/L	-	-	< 0.005
Zinc - Total	mg/L	1.00	1.00	< 0.03
Aluminum - Dissolved	mg/L	-	-	< 0.01
Arsenic - Dissolved	mg/L	-	-	< 0.001
Cadmium - Dissolved	mg/L	-	-	0.000223
Calcium - Dissolved	mg/L	-	-	58.3
Copper - Dissolved	mg/L	-	-	< 0.002
Iron - Dissolved	mg/L	-	-	< 0.1
Lead - Dissolved	mg/L	-	-	< 0.0005
Magnesium - Dissolved	mg/L	-	-	175
Manganese - Dissolved	mg/L	-	-	17.8
Mercury - Dissolved	mg/L	-	-	< 0.000005
Molybdenum - Dissolved	mg/L	-	-	< 0.0005
Nickel - Dissolved	mg/L	-	-	0.0308
Potassium - Dissolved	mg/L	-	-	10.1
Selenium - Dissolved	mg/L	-	-	0.0019
Sodium - Dissolved	mg/L	-	-	45.1
Thallium - Dissolved	mg/L	-	-	0.000221
Uranium - Dissolved	mg/L	-	-	0.000306
Zinc - Dissolved	mg/L	-	-	0.0167
Visible Sheen, Field	None	No Visible Sheen	-	No Visible Sheen
Acute Lethality [3, 4]	N/A	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Metal and Daimond Mining Effluent Regulations (MDMER) June 10, 2021, Schedule 4, Table 2.

[3] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[4] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.6: Water Quality Results for Water Licence Monitoring Location - MS-07

			Monitoring Station	MS-07	MS-07
			Sample Date & Time	2025-07-19 09:10	2025-09-02 11:45
			ALS Laboratory Work Order	BF2500177	BF2500312
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**		
pH, Field	pH units	-	-	7.44	7.38
Specific Conductivity, Field	us/cm	-	-	1033	631
Temperature, Field	deg C	-	-	8.3	6.3
Turbidity, Field	NTU	-	-	26.1	2.57
Hardness	mg/L	-	-	408	286
Conductivity	umhos/cm	-	-	862	644
pH, Lab	pH units	6.0 - 9.5	6.0 - 9.5	7.34	7.25
Total Suspended Solids	mg/L	Grab 30, Average 15	30 (Grab)	6.6	9.4
Total Dissolved Solids	mg/L	-	-	680	431
Turbidity	NTU	-	-	23.2	2.82
Alkalinity, Total	mg/L	-	-	33.1	17.4
Ammonia, Total (as N)	mg/L	-	-	2.55	0.362
Chloride	mg/L	-	-	47.4	25.3
Fluoride	mg/L	-	-	0.046	0.046
Nitrate	mg/L	-	-	11.5	8.29
Nitrite	mg/L	-	-	0.141	0.104
Phosphorus, Nutrient	mg/L	-	-	0.0091	< 0.004
Total Kjeldahl Nitrogen	mg/L	-	-	3.59	0.696
Sulfate	mg/L	-	-	352	221
Dissolved Organic Carbon	mg/L	-	-	1.8	1.28
Total Organic Carbon	mg/L	-	-	2.03	1.26
Aluminum - Total	mg/L	-	-	0.341	0.0402
Antimony - Total	mg/L	-	-	< 0.0001	< 0.0001
Arsenic - Total	mg/L	0.60	0.60	0.00014	< 0.0001
Barium - Total	mg/L	-	-	0.0195	0.0163
Cadmium - Total	mg/L	-	-	0.000222	0.000137
Calcium - Total	mg/L	-	-	35.1	27.6
Chromium - Total	mg/L	-	-	0.001	< 0.0005
Cobalt - Total	mg/L	-	-	0.0151	0.00187
Copper - Total	mg/L	0.60	0.60	0.00164	0.00064
Iron - Total	mg/L	-	-	0.557	0.056
Lead - Total	mg/L	0.20	0.20	0.000699	0.000245
Lithium - Total	mg/L	-	-	0.0221	0.0128
Magnesium - Total	mg/L	-	-	78.4	56.7
Manganese - Total	mg/L	-	-	7.14	2.33
Mercury - Total	mg/L	-	-	< 0.000005	< 0.000005
Molybdenum - Total	mg/L	-	-	0.00159	0.00124
Nickel - Total	mg/L	1.00	1.00	0.0129	0.00385
Phosphorus, Total	mg/L	-	-	< 0.05	< 0.05

Table 7.3.6: Water Quality Results for Water Licence Monitoring Location - MS-07

			Monitoring Station	MS-07	MS-07
			Sample Date & Time	2025-07-19 09:10	2025-09-02 11:45
			ALS Laboratory Work Order	BF2500177	BF2500312
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**		
Potassium - Total	mg/L	-	-	7.3	6.15
Selenium - Total	mg/L	-	-	0.00106	0.000667
Sodium - Total	mg/L	-	-	18.5	10.6
Strontium - Total	mg/L	-	-	0.0691	0.0514
Thallium - Total	mg/L	-	-	0.00008	0.000031
Tin - Total	mg/L	-	-	< 0.0001	< 0.0001
Titanium - Total	mg/L	-	-	0.0127	0.00137
Uranium - Total	mg/L	-	-	0.00175	0.000688
Vanadium - Total	mg/L	-	-	0.00056	< 0.0005
Zinc - Total	mg/L	1.00	1.00	0.004	< 0.003
Aluminum - Dissolved	mg/L	-	-	0.0056	0.0016
Arsenic - Dissolved	mg/L	-	-	< 0.0001	< 0.0001
Cadmium - Dissolved	mg/L	-	-	0.000204	0.000142
Calcium - Dissolved	mg/L	-	-	34.5	28.4
Copper - Dissolved	mg/L	-	-	0.00056	0.00048
Iron - Dissolved	mg/L	-	-	< 0.01	< 0.01
Lead - Dissolved	mg/L	-	-	< 0.00005	< 0.00005
Magnesium - Dissolved	mg/L	-	-	78.1	52.2
Manganese - Dissolved	mg/L	-	-	7.12	2.14
Mercury - Dissolved	mg/L	-	-	< 0.000005	< 0.000005
Molybdenum - Dissolved	mg/L	-	-	0.00172	0.0013
Nickel - Dissolved	mg/L	-	-	0.0117	0.00376
Potassium - Dissolved	mg/L	-	-	7.23	5.92
Selenium - Dissolved	mg/L	-	-	0.00106	0.000714
Sodium - Dissolved	mg/L	-	-	18.6	9.98
Thallium - Dissolved	mg/L		-	0.000076	0.000031
Uranium - Dissolved	mg/L		-	0.00164	0.000719
Zinc - Dissolved	mg/L		-	0.0032	0.0011
Visible Sheen, Field	None	No Visible Sheen	-	No Visible Sheen	No Visible Sheen
Acute Lethality [3, 4]	N/A	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Metal and Daimond Mining Effluent Regulations (MDMER) June 10, 2021, Schedule 4, Table 2.

[3] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[4] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.7: Water Quality Results for Water Licence Monitoring Location - MS-08

				Location Name	MS-08	MS-08	MS-08	MS-08
				Sample Date & Time	2025-06-03 00:25	2025-07-07 10:25	2025-08-09 10:00	2025-09-05 08:40
				ALS Laboratory Work Order	WT2513813	BF2500139	BF2500248	BF2500320
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**					
pH, Field	pH units	-	-		7.44	7.54	8.2	7.51
Specific Conductivity, Field	us/cm	-	-		1757	312.7	822	724
Temperature, Field	deg C	-	-		2.2	5.7	4	2.2
Turbidity, Field	NTU	-	-		5.75	6.88	6.21	11.06
Hardness	mg/L	-	-		884	154	398	616
Conductivity	umhos/cm	-	-		1540	319	829	1090
pH, Lab	pH units	6.0 - 9.5	6.0 - 9.5		7.38	7.06	7.45	6.53
Total Suspended Solids	mg/L	Grab 30, Average 15	30 (Grab)		1.1	3.2	3.5	3.3
Total Dissolved Solids	mg/L	-	-		1310	208	594	1010
Turbidity	NTU	-	-		2.71	6.2	5.99	19.9
Alkalinity, Total	mg/L	-	-		49.5	8.3	28.2	3.1
Ammonia, Total (as N)	mg/L	-	-		0.358	0.74	0.798	2.05
Chloride	mg/L	-	-		31.4	2.8	10.4	13.8
Fluoride	mg/L	-	-		< 0.1	0.056	0.087	< 0.1
Nitrate	mg/L	-	-		54.1	5.16	22.1	26.7
Nitrite	mg/L	-	-		-	0.05	0.101	0.218
Phosphorus, Nutrient	mg/L	-	-		< 0.004	0.0022	0.0027	< 0.002
Total Kjeldahl Nitrogen	mg/L	-	-		3.91	0.995	0.849	2.71
Sulfate	mg/L	-	-		592	110	295	569
Dissolved Organic Carbon	mg/L	-	-		1.61	< 0.5	1.36	1.76
Total Organic Carbon	mg/L	-	-		1.61	0.84	1.98	1.55
Aluminum - Total	mg/L	-	-		0.0952	0.113	0.123	0.063
Antimony - Total	mg/L	-	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001
Arsenic - Total	mg/L	0.60	0.60		0.00014	< 0.0001	< 0.0001	< 0.0001
Barium - Total	mg/L	-	-		0.0288	0.00702	0.0175	0.0208
Cadmium - Total	mg/L	-	-		0.0000783	0.0000457	0.0000607	0.000142
Calcium - Total	mg/L	-	-		51.3	9.17	33.6	39.5
Chromium - Total	mg/L	-	-		< 0.0005	0.0008	< 0.0005	< 0.0005
Cobalt - Total	mg/L	-	-		0.0083	0.00655	0.0102	0.0347
Copper - Total	mg/L	0.60	0.60		0.00133	0.00228	0.0019	0.00339
Iron - Total	mg/L	-	-		0.174	0.389	0.225	1.7
Lead - Total	mg/L	0.20	0.20		0.000123	0.000141	0.000074	< 0.00005
Lithium - Total	mg/L	-	-		0.0084	0.0057	0.0086	0.0162
Magnesium - Total	mg/L	-	-		178	28.4	89.8	132
Manganese - Total	mg/L	-	-		1.4	0.639	1.29	3.53
Mercury - Total	mg/L	-	-		< 0.000005	< 0.000005	< 0.000005	< 0.000005
Molybdenum - Total	mg/L	-	-		0.0102	0.00154	0.00366	0.000392
Nickel - Total	mg/L	1.00	1.00		0.00971	0.011	0.015	0.0486
Phosphorus, Total	mg/L	-	-		< 0.05	< 0.05	< 0.05	< 0.05

Table 7.3.7: Water Quality Results for Water Licence Monitoring Location - MS-08

			Location Name	MS-08	MS-08	MS-08	MS-08
			Sample Date & Time	2025-06-03 00:25	2025-07-07 10:25	2025-08-09 10:00	2025-09-05 08:40
			ALS Laboratory Work Order	WT2513813	BF2500139	BF2500248	BF2500320
Analyte	**Units**	**Water Licence Criteria[1]**	**MDMER Criteria [2]**				
Potassium - Total	mg/L	-	-	8.91	2.4	5.3	5.99
Selenium - Total	mg/L	-	-	0.0152	0.00149	0.00488	0.00608
Sodium - Total	mg/L	-	-	8.79	1.17	3.99	5.14
Strontium - Total	mg/L	-	-	0.0928	0.0135	0.0452	0.0639
Thallium - Total	mg/L	-	-	0.000031	0.000032	0.000035	0.000097
Tin - Total	mg/L	-	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Titanium - Total	mg/L	-	-	< 0.003	< 0.0039	0.0042	0.00226
Uranium - Total	mg/L	-	-	0.00336	0.000224	0.00116	0.000239
Vanadium - Total	mg/L	-	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Zinc - Total	mg/L	1.00	1.00	< 0.003	< 0.003	< 0.003	0.007
Aluminum - Dissolved	mg/L	-	-	< 0.01	0.0012	0.0058	< 0.001
Arsenic - Dissolved	mg/L	-	-	< 0.001	< 0.0001	< 0.0001	< 0.0001
Cadmium - Dissolved	mg/L	-	-	0.00006	0.0000504	0.0000578	0.000135
Calcium - Dissolved	mg/L	-	-	55.7	9.42	29.1	37.4
Copper - Dissolved	mg/L	-	-	< 0.002	0.00139	0.00112	0.00272
Iron - Dissolved	mg/L	-	-	< 0.1	0.027	< 0.01	0.603
Lead - Dissolved	mg/L	-	-	< 0.0005	< 0.00005	< 0.00005	< 0.00005
Magnesium - Dissolved	mg/L	-	-	181	31.8	78.9	127
Manganese - Dissolved	mg/L	-	-	1.34	0.699	1.15	3.3
Mercury - Dissolved	mg/L	-	-	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Molybdenum - Dissolved	mg/L	-	-	0.00968	0.00134	0.00357	0.000226
Nickel - Dissolved	mg/L	-	-	0.00935	0.0102	0.0132	0.0458
Potassium - Dissolved	mg/L	-	-	9.03	2.44	4.86	5.62
Selenium - Dissolved	mg/L	-	-	0.0136	0.00176	0.00548	0.00597
Sodium - Dissolved	mg/L	-	-	8.32	1.29	3.59	4.78
Thallium - Dissolved	mg/L		-	< 0.0001	0.00003	0.000037	0.000092
Uranium - Dissolved	mg/L		-	0.00316	0.000092	0.0012	0.000075
Zinc - Dissolved	mg/L		-	< 0.01	0.0025	0.0014	0.0066
Visible Sheen, Field	None	No Visible Sheen	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
Acute Lethality [3, 4]	N/A	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic	Not Acutely Toxic

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Metal and Daimond Mining Effluent Regulations (MDMER) June 10, 2021, Schedule 4, Table 2.

[3] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[4] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

		Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
		Sample Date & Time	2025-05-22 12:30	2025-05-24 23:55	2025-05-27 14:05	2025-06-02 08:50	2025-06-09 08:20	2025-06-17 10:10	2025-06-23 10:35	2025-06-30 14:30	2025-07-07 08:20
		ALS Laboratory Work Order	BF2500010	BF2500015	BF2500023	BF2500034	BF2500053	BF2500075	BF2500093	BF2500116	BF2500141
Analyte	**Units**	**Water Licence Criteria[1]**									
pH, Field	pH units	-	7.83	7.47	7.64	7.55	7.82	7.62	7.84	7.46	7.44
Specific Conductivity, Field	us/cm	-	185.7	117.7	119.4	134.2	146.8	208.8	181.8	202.9	254.3
Temperature, Field	deg C	-	0.3	0	0.4	0.6	2.2	2.9	7.6	9.5	6.6
Turbidity, Field	NTU	-	118.87	75.12	71.25	13.15	5.3	0	3.33	1.38	1.43
Dissolved Oxygen, Field	mg/L	-	14.45	13.61	13.2	12.66	11.6	12.46	11.05	10.24	10.35
Dissolved Oxygen, Percent, Field	%	-	99.9	93.1	91.2	88.1	84.2	92.5	92.3	89.7	84.5
Visible Sheen, Field	None	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen
Conductivity, Lab	us/cm	-	161	-	125	142	151	208	198	218	262
Acidity	mg/L	-	< 2	-	-	-	3.8	-	-	-	< 2
Total Alkalinity	mg/L	-	33.7	-	-	-	43.3	-	-	-	64.6
Hardness	mg/L	-	69.7	-	-	-	65	-	-	-	126
Total Dissolved Solids	mg/L	-	131	91	82	88	86	148	116	125	148
Total Suspended Solids	mg/L	Avg 15, Max 30	**31.2**	**14**	**16.6**	6.5	1.8	< 1	< 1.1	< 1.3	< 1.4
Turbidity, Lab	NTU	-	98.8	81.7	80.2	17.4	6.46	5.07	3.6	1.33	0.47
pH, Lab	pH units	6.0 - 9.5	7.41	7.4	7.46	7.49	7.43	7.62	7.35	7.34	7.73
Total Ammonia	mg/L	-	0.196	-	0.119	0.139	0.0161	< 0.005	0.0331	< 0.005	0.0083
Ammonia, Un-ionized	mg/L	-	0.0011	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ammonia, Un-ionized (as NH3)	mg/L	-	0.0014	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloride	mg/L	-	6.69	-	-	-	2.45	-	-	-	5.04
Fluoride	mg/L	-	0.093	-	-	-	0.082	-	-	-	0.126
Total Kjeldahl Nitrogen	mg/L	-	1.43	-	-	-	0.163	-	-	-	0.237
Nitrate	mg/L	-	2.16	-	-	-	1.22	-	-	-	2
Nitrite	mg/L	-	-	-	-	-	-	-	-	-	< 0.01
Phosphorus, Nutrient	mg/L	-	0.0414	-	-	-	0.0051	-	-	-	< 0.002
Sulfate	mg/L	-	33.3	-	-	-	20.8	-	-	-	44.4
Dissolved Organic Carbon	mg/L	-	5.84	-	-	-	1.63	-	-	-	1.2
Total Organic Carbon	mg/L	-	6.52	-	-	-	1.32	-	-	-	1.44
Aluminum, total	mg/L	-	2.52	-	2.08	0.241	0.104	0.104	0.0548	0.0278	0.0109
Antimony, total	mg/L	-	< 0.0005	-	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Arsenic, total	mg/L	Avg 0.3, Max 0.6	< 0.0005	-	< 0.001	0.00011	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Barium, total	mg/L	-	0.0247	-	0.0181	0.00647	0.0063	0.00855	0.0072	0.00766	0.00969
Beryllium, total	mg/L	-	0.000131	-	< 0.0002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Bismuth, total	mg/L	-	< 0.00025	-	< 0.0005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Boron, total	mg/L	-	< 0.05	-	< 0.1	0.011	0.011	0.012	0.012	0.015	0.016
Cadmium, total	mg/L	-	0.000107	-	0.000093	0.0000581	0.0000347	0.0000241	0.000015	0.0000125	0.0000152
Calcium, total	mg/L	-	12.5	-	8.06	9.84	11.8	16.1	14.8	16.8	19.3
Cesium, total	mg/L	-	0.000207	-	0.000137	0.000023	0.000012	0.000012	< 0.00001	< 0.00001	< 0.00001
Chromium, total	mg/L	-	0.00565	-	< 0.005	0.00068	0.00053	< 0.0005	< 0.0005	0.00054	< 0.0005
Cobalt, total	mg/L	-	0.002	-	0.00148	0.00034	0.00016	0.00021	0.00014	0.00012	0.00017

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

		Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
		Sample Date & Time	2025-05-22 12:30	2025-05-24 23:55	2025-05-27 14:05	2025-06-02 08:50	2025-06-09 08:20	2025-06-17 10:10	2025-06-23 10:35	2025-06-30 14:30	2025-07-07 08:20
		ALS Laboratory Work Order	BF2500010	BF2500015	BF2500023	BF2500034	BF2500053	BF2500075	BF2500093	BF2500116	BF2500141
Analyte	**Units**	**Water Licence Criteria[1]**									
Copper, total	mg/L	Avg 0.3, Max 0.6	0.00714	-	0.00548	0.00202	0.00139	0.00174	0.00127	0.00119	0.00124
Iron, total	mg/L	-	3.71	-	2.93	0.314	0.126	0.132	0.073	0.039	0.012
Lead, total	mg/L	Avg 0.1, Max 0.20	0.00246	-	0.00162	0.00036	0.000172	0.000136	0.000102	0.000075	< 0.00005
Lithium, total	mg/L	-	0.0076	-	< 0.01	0.0032	0.0033	0.0036	0.0033	0.0036	0.0048
Magnesium, total	mg/L	-	12.1	-	8.3	9.35	9.41	13.4	11.7	13.4	15.9
Manganese, total	mg/L	-	0.0989	-	0.0818	0.0426	0.0134	0.00832	0.0033	0.00191	0.00131
Mercury, total	mg/L	-	< 0.000005	-	-	-	< 0.000005	-	-	-	< 0.000005
Molybdenum, total	mg/L	-	0.00524	-	0.00426	0.00362	0.00428	0.00665	0.00674	0.00721	0.00822
Nickel, total	mg/L	Avg 0.5, Max 1	0.00639	-	0.00556	0.00125	0.00074	0.00095	0.00064	0.00056	< 0.0005
Phosphorus (P), total	mg/L	-	< 0.25	-	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Potassium, total	mg/L	-	6.08	-	4.48	3.33	3.32	4.3	4.16	4.54	5
Rubidium, total	mg/L	-	0.00898	-	0.00647	0.00382	0.00322	0.00436	0.00451	0.00551	0.00559
Selenium, total	mg/L	-	0.000434	-	< 0.0005	0.000204	0.00012	0.000159	0.00017	0.000196	0.000226
Silicon, total	mg/L	-	4.83	-	3.94	1.27	1.22	1.55	1.27	1.31	1.4
Silver, total	mg/L	-	< 0.00005	-	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Sodium, total	mg/L	-	3.02	-	1.4	1.33	1.38	2.01	1.62	2.03	2.45
Strontium, total	mg/L	-	0.0371	-	0.0202	0.0234	0.0288	0.0428	0.0394	0.0424	0.0522
Sulfur, total	mg/L	-	10.9	-	< 5	7.07	7.18	11.7	8.55	11.6	15.9
Tellurium, total	mg/L	-	< 0.001	-	< 0.002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Thallium, total	mg/L	-	0.000051	-	< 0.0001	0.00001	< 0.00001	0.000011	0.000011	0.000013	0.000013
Thorium, total	mg/L	-	0.00073	-	< 0.001	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Tin, total	mg/L	-	< 0.0005	-	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Titanium, total	mg/L	-	0.0958	-	0.0691	0.00805	0.00364	0.00331	0.00177	0.00084	< 0.0003
Tungsten, total	mg/L	-	< 0.0005	-	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Uranium, total	mg/L	-	0.00206	-	0.00117	0.00106	0.00159	0.0037	0.00312	0.00377	0.00589
Vanadium, total	mg/L	-	0.00375	-	< 0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Zinc, total	mg/L	Avg 0.5, Max 1	< 0.015	-	< 0.03	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Zirconium, total	mg/L	-	< 0.001	-	< 0.002	0.00023	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Aluminum, dissolved	mg/L	-	0.023	-	-	-	0.0074	-	-	-	0.0044
Antimony, dissolved	mg/L	-	< 0.0005	-	-	-	< 0.0001	-	-	-	< 0.0001
Arsenic, dissolved	mg/L	-	< 0.0005	-	-	-	< 0.0001	-	-	-	< 0.0001
Barium, dissolved	mg/L	-	0.00758	-	-	-	0.00575	-	-	-	0.00983
Beryllium, dissolved	mg/L	-	< 0.0001	-	-	-	< 0.00002	-	-	-	< 0.00002
Bismuth, dissolved	mg/L	-	< 0.00025	-	-	-	< 0.00005	-	-	-	< 0.00005
Boron, dissolved	mg/L	-	< 0.05	-	-	-	0.01	-	-	-	0.016
Cadmium, dissolved	mg/L	-	0.0000426	-	-	-	0.0000275	-	-	-	0.0000157
Calcium, dissolved	mg/L	-	12.1	-	-	-	10.8	-	-	-	21
Cesium, dissolved	mg/L	-	< 0.00005	-	-	-	< 0.00001	-	-	-	< 0.00001
Chromium, dissolved	mg/L	-	< 0.0025	-	-	-	< 0.0005	-	-	-	< 0.0005

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

		Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
		Sample Date & Time	2025-05-22 12:30	2025-05-24 23:55	2025-05-27 14:05	2025-06-02 08:50	2025-06-09 08:20	2025-06-17 10:10	2025-06-23 10:35	2025-06-30 14:30	2025-07-07 08:20
		ALS Laboratory Work Order	BF2500010	BF2500015	BF2500023	BF2500034	BF2500053	BF2500075	BF2500093	BF2500116	BF2500141
Analyte	**Units**	**Water Licence Criteria[1]**									
Cobalt, dissolved	mg/L	-	< 0.0005	-	-	-	0.0001	-	-	-	0.00015
Copper, dissolved	mg/L	-	0.00219	-	-	-	0.00102	-	-	-	0.00123
Iron, dissolved	mg/L	-	< 0.05	-	-	-	< 0.01	-	-	-	< 0.01
Lead, dissolved	mg/L	-	< 0.00025	-	-	-	< 0.00005	-	-	-	< 0.00005
Lithium, dissolved	mg/L	-	< 0.005	-	-	-	0.0029	-	-	-	0.0046
Magnesium, dissolved	mg/L	-	9.6	-	-	-	9.25	-	-	-	17.8
Manganese, dissolved	mg/L	-	0.025	-	-	-	0.0113	-	-	-	0.00142
Mercury, dissolved	mg/L	-	< 0.000005	-	-	-	< 0.000005	-	-	-	< 0.000005
Molybdenum, dissolved	mg/L	-	0.00596	-	-	-	0.00442	-	-	-	0.00787
Nickel, dissolved	mg/L	-	< 0.0025	-	-	-	< 0.0005	-	-	-	< 0.0005
Phosphorus (P), dissolved	mg/L	-	< 0.25	-	-	-	< 0.05	-	-	-	< 0.05
Potassium, dissolved	mg/L	-	5.3	-	-	-	3.43	-	-	-	5.41
Rubidium, dissolved	mg/L	-	0.00463	-	-	-	0.00294	-	-	-	0.00574
Selenium, dissolved	mg/L	-	0.000389	-	-	-	0.000161	-	-	-	0.000246
Silicon, dissolved	mg/L	-	0.798	-	-	-	1.06	-	-	-	1.41
Silver, dissolved	mg/L	-	< 0.00005	-	-	-	< 0.00001	-	-	-	< 0.00001
Sodium, dissolved	mg/L	-	2.92	-	-	-	1.38	-	-	-	2.67
Strontium, dissolved	mg/L	-	0.0352	-	-	-	0.0287	-	-	-	0.0532
Sulfur, dissolved	mg/L	-	11.4	-	-	-	7.33	-	-	-	16.4
Tellurium, dissolved	mg/L	-	< 0.001	-	-	-	< 0.0002	-	-	-	< 0.0002
Thallium, dissolved	mg/L	-	< 0.00005	-	-	-	< 0.00001	-	-	-	0.000012
Thorium, dissolved	mg/L	-	< 0.0005	-	-	-	< 0.0001	-	-	-	< 0.0001
Tin, dissolved	mg/L	-	< 0.0005	-	-	-	< 0.0001	-	-	-	< 0.0001
Titanium, dissolved	mg/L	-	< 0.0015	-	-	-	< 0.0003	-	-	-	< 0.0003
Tungsten, dissolved	mg/L	-	< 0.0005	-	-	-	< 0.0001	-	-	-	< 0.0001
Uranium, dissolved	mg/L	-	0.0014	-	-	-	0.00157	-	-	-	0.00596
Vanadium, dissolved	mg/L	-	< 0.0025	-	-	-	< 0.0005	-	-	-	< 0.0005
Zinc, dissolved	mg/L	-	< 0.005	-	-	-	< 0.001	-	-	-	< 0.001
Zirconium, dissolved	mg/L	-	< 0.001	-	-	-	< 0.0003	-	-	-	< 0.0003
Radium-226	Bq/L	-	0.05	-	0.0333	< 0.01	< 0.037	0.02	0.01	0.01	0.008
Acute Lethality [2, 3]	%	Not Acutely Toxic	Not Acutely Toxic	-	-	-	Not Acutely Toxic	-	-	-	Not Acutely Toxic

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[3] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

			Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
			Sample Date & Time	2025-07-14 09:00	2025-07-21 08:50	2025-07-28 08:35	2025-08-04 09:20	2025-08-11 10:45	2025-08-18 09:40	2025-08-25 07:40	2025-09-01 12:45
			ALS Laboratory Work Order	BF2500158	BF2500184	BF2500209	BF2500242	BF2500253	BF2500269	BF2500293	BF2500309
Analyte	**Units**	**Water Licence Criteria[1]**									
pH, Field	pH units	-		7.72	7.25	7.51	6.93	7.41	7.46	7.81	7.82
Specific Conductivity, Field	us/cm	-		272.4	551	640	611	544	575	640	610
Temperature, Field	deg C	-		4.5	7.8	8.6	8	4.6	4.9	5.4	2.3
Turbidity, Field	NTU	-		9.74	2	0.24	0.3	-0.48	0.27	3.44	2.02
Dissolved Oxygen, Field	mg/L	-		11.59	9.5	9.31	9.69	11.81	11.3	11.45	12.8
Dissolved Oxygen, Percent, Field	%	-		89.7	80	79.9	81.9	91.6	88.4	90.8	93.5
Visible Sheen, Field	None	No Visbible Sheen		No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen
Conductivity, Lab	us/cm	-		293	581	666	623	557	591	601	625
Acidity	mg/L	-		< 2	-	-	3.9	-	3	-	4.5
Total Alkalinity	mg/L	-		57.6	-	-	77	-	86.1	-	93.7
Hardness	mg/L	-		119	-	-	296	-	263	-	285
Total Dissolved Solids	mg/L	-		168	359	441	390	351	372	367	420
Total Suspended Solids	mg/L	Avg 15, Max 30		2.5	< 1	2.3	< 1	< 1	< 1	5.6	2
Turbidity, Lab	NTU	-		9.86	0.57	0.29	0.3	0.41	0.29	3.46	3.65
pH, Lab	pH units	6.0 - 9.5		7.73	7.54	7.63	7.53	7.65	7.68	7.78	7.9
Total Ammonia	mg/L	-		0.125	0.521	< 0.005	< 0.005	0.0232	0.005	0.0066	< 0.005
Ammonia, Un-ionized	mg/L	-		< 0.001	0.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ammonia, Un-ionized (as NH3)	mg/L	-		< 0.001	0.0018	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloride	mg/L	-		4.56	-	-	18.3	-	16.7	-	17.9
Fluoride	mg/L	-		0.109	-	-	0.114	-	0.129	-	0.107
Total Kjeldahl Nitrogen	mg/L	-		0.485	-	-	0.467	-	0.382	-	0.431
Nitrate	mg/L	-		5.08	-	-	10.3	-	8.1	-	8.13
Nitrite	mg/L	-		0.023	-	-	< 0.01	-	< 0.01	-	< 0.01
Phosphorus, Nutrient	mg/L	-		0.0036	-	-	< 0.002	-	< 0.002	-	0.003
Sulfate	mg/L	-		48.9	-	-	168	-	149	-	149
Dissolved Organic Carbon	mg/L	-		1.95	-	-	2.25	-	3.98	-	1.83
Total Organic Carbon	mg/L	-		1.88	-	-	2.51	-	2.04	-	2.64
Aluminum, total	mg/L	-		0.194	0.0184	0.0078	0.0116	0.0119	0.0087	0.111	0.0762
Antimony, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Arsenic, total	mg/L	Avg 0.3, Max 0.6		0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00011	0.0001
Barium, total	mg/L	-		0.0119	0.0218	0.0275	0.0248	0.0204	0.0216	0.0222	0.0217
Beryllium, total	mg/L	-		< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.000021	< 0.00002
Bismuth, total	mg/L	-		< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Boron, total	mg/L	-		0.015	0.017	0.021	0.022	0.02	0.019	0.018	0.019
Cadmium, total	mg/L	-		0.0000389	0.000642	0.000504	0.00011	0.00011	0.0000399	0.0000519	0.0000484
Calcium, total	mg/L	-		20.9	37.8	48.3	46.8	46.6	43.5	47	48.4
Cesium, total	mg/L	-		0.000029	0.000027	0.000017	0.000014	0.000012	0.000013	0.000034	0.000024
Chromium, total	mg/L	-		0.00078	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00065	0.00051
Cobalt, total	mg/L	-		0.00044	0.00169	0.00112	0.00086	0.00061	0.00071	0.00079	0.00067

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

			Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
			Sample Date & Time	2025-07-14 09:00	2025-07-21 08:50	2025-07-28 08:35	2025-08-04 09:20	2025-08-11 10:45	2025-08-18 09:40	2025-08-25 07:40	2025-09-01 12:45
			ALS Laboratory Work Order	BF2500158	BF2500184	BF2500209	BF2500242	BF2500253	BF2500269	BF2500293	BF2500309
Analyte	**Units**	**Water Licence Criteria[1]**									
Copper, total	mg/L	Avg 0.3, Max 0.6		0.00196	0.0021	0.00208	0.00197	0.00199	0.00181	0.00244	0.00202
Iron, total	mg/L	-		0.252	0.028	0.01	0.013	0.015	0.012	0.181	0.096
Lead, total	mg/L	Avg 0.1, Max 0.20		0.000342	0.000097	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00125	0.000708
Lithium, total	mg/L	-		0.005	0.0092	0.0103	0.009	0.0076	0.0067	0.0067	0.0083
Magnesium, total	mg/L	-		17.9	36.2	44.5	46.6	40.6	39.8	40.2	46.2
Manganese, total	mg/L	-		0.0111	1.3	0.365	0.0337	0.0539	0.00677	0.0111	0.012
Mercury, total	mg/L	-		< 0.000005	-	-	< 0.000005	-	< 0.000005	-	< 0.000005
Molybdenum, total	mg/L	-		0.00837	0.00944	0.00885	0.00634	0.00767	0.0065	0.0065	0.00546
Nickel, total	mg/L	Avg 0.5, Max 1		0.0009	0.0018	0.00176	0.00129	0.00098	0.00084	0.00121	0.00096
Phosphorus (P), total	mg/L	-		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Potassium, total	mg/L	-		6.15	6.32	7.36	7.72	7.09	6.69	7.12	6.96
Rubidium, total	mg/L	-		0.00668	0.00924	0.00838	0.00901	0.00712	0.00767	0.00829	0.00732
Selenium, total	mg/L	-		0.000371	0.00074	0.000694	0.000616	0.000555	0.000635	0.000593	0.000572
Silicon, total	mg/L	-		1.81	1.6	1.78	1.82	1.8	1.75	1.8	1.91
Silver, total	mg/L	-		< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Sodium, total	mg/L	-		2.75	6.08	8.12	7.95	6.53	6.85	7.16	7.79
Strontium, total	mg/L	-		0.0582	0.094	0.129	0.121	0.107	0.108	0.112	0.117
Sulfur, total	mg/L	-		18	53.3	65	59.7	52.8	53.8	52.9	58.9
Tellurium, total	mg/L	-		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Thallium, total	mg/L	-		0.000015	0.000031	0.000028	0.000024	0.000016	0.000018	0.000019	0.000013
Thorium, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00019	0.0001
Tin, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Titanium, total	mg/L	-		0.00709	< 0.0006	< 0.0003	< 0.0003	0.00044	< 0.0006	< 0.0051	0.00285
Tungsten, total	mg/L	-		0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Uranium, total	mg/L	-		0.00498	0.00664	0.0112	0.015	0.0151	0.0183	0.019	0.0201
Vanadium, total	mg/L	-		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00054	< 0.0005
Zinc, total	mg/L	Avg 0.5, Max 1		< 0.003	0.0035	0.0034	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Zirconium, total	mg/L	-		0.00023	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00035	0.00023
Aluminum, dissolved	mg/L	-		0.0066	-	-	0.0029	-	0.0033	-	0.0031
Antimony, dissolved	mg/L	-		< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001
Arsenic, dissolved	mg/L	-		< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001
Barium, dissolved	mg/L	-		0.0107	-	-	0.0271	-	0.0216	-	0.0209
Beryllium, dissolved	mg/L	-		< 0.00002	-	-	< 0.00002	-	< 0.00002	-	< 0.00002
Bismuth, dissolved	mg/L	-		< 0.00005	-	-	< 0.00005	-	< 0.00005	-	< 0.00005
Boron, dissolved	mg/L	-		0.014	-	-	0.022	-	0.018	-	0.018
Cadmium, dissolved	mg/L	-		0.0000299	-	-	0.000112	-	0.0000386	-	0.000032
Calcium, dissolved	mg/L	-		19.7	-	-	47.5	-	42.2	-	47.2
Cesium, dissolved	mg/L	-		0.00001	-	-	0.000015	-	0.000012	-	0.000011
Chromium, dissolved	mg/L	-		< 0.0005	-	-	< 0.0005	-	< 0.0005	-	< 0.0005

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

		Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
		Sample Date & Time	2025-07-14 09:00	2025-07-21 08:50	2025-07-28 08:35	2025-08-04 09:20	2025-08-11 10:45	2025-08-18 09:40	2025-08-25 07:40	2025-09-01 12:45
		ALS Laboratory Work Order	BF2500158	BF2500184	BF2500209	BF2500242	BF2500253	BF2500269	BF2500293	BF2500309
Analyte	**Units**	**Water Licence Criteria[1]**								
Cobalt, dissolved	mg/L	-	0.00032	-	-	0.00085	-	0.00067	-	0.00062
Copper, dissolved	mg/L	-	0.00146	-	-	0.00202	-	0.00173	-	0.00148
Iron, dissolved	mg/L	-	< 0.01	-	-	< 0.01	-	< 0.01	-	< 0.01
Lead, dissolved	mg/L	-	< 0.00005	-	-	< 0.00005	-	< 0.00005	-	< 0.00005
Lithium, dissolved	mg/L	-	0.0045	-	-	0.0093	-	0.0069	-	0.0074
Magnesium, dissolved	mg/L	-	17	-	-	43	-	38.2	-	40.7
Manganese, dissolved	mg/L	-	0.00611	-	-	0.0297	-	0.00502	-	0.00595
Mercury, dissolved	mg/L	-	< 0.000005	-	-	< 0.000005	-	< 0.000005	-	< 0.000005
Molybdenum, dissolved	mg/L	-	0.00814	-	-	0.00695	-	0.00641	-	0.0055
Nickel, dissolved	mg/L	-	< 0.0005	-	-	0.00117	-	0.00078	-	0.00069
Phosphorus (P), dissolved	mg/L	-	< 0.05	-	-	< 0.05	-	< 0.05	-	< 0.05
Potassium, dissolved	mg/L	-	6.08	-	-	7.61	-	6.52	-	6.64
Rubidium, dissolved	mg/L	-	0.00602	-	-	0.00908	-	0.00726	-	0.00713
Selenium, dissolved	mg/L	-	0.000435	-	-	0.000738	-	0.000717	-	0.000686
Silicon, dissolved	mg/L	-	1.39	-	-	1.85	-	1.7	-	1.6
Silver, dissolved	mg/L	-	< 0.00001	-	-	< 0.00001	-	< 0.00001	-	< 0.00001
Sodium, dissolved	mg/L	-	2.62	-	-	7.74	-	6.84	-	7.47
Strontium, dissolved	mg/L	-	0.0556	-	-	0.125	-	0.11	-	0.107
Sulfur, dissolved	mg/L	-	18	-	-	61.3	-	54.1	-	54.6
Tellurium, dissolved	mg/L	-	< 0.0002	-	-	< 0.0002	-	< 0.0002	-	< 0.0002
Thallium, dissolved	mg/L	-	0.000013	-	-	0.000026	-	0.000018	-	0.000014
Thorium, dissolved	mg/L	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001
Tin, dissolved	mg/L	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001
Titanium, dissolved	mg/L	-	< 0.0003	-	-	< 0.0003	-	< 0.0003	-	< 0.0003
Tungsten, dissolved	mg/L	-	0.00012	-	-	< 0.0001	-	< 0.0001	-	< 0.0001
Uranium, dissolved	mg/L	-	0.0048	-	-	0.0146	-	0.0179	-	0.0201
Vanadium, dissolved	mg/L	-	< 0.0005	-	-	< 0.0005	-	< 0.0005	-	< 0.0005
Zinc, dissolved	mg/L	-	< 0.001	-	-	0.0019	-	0.0011	-	< 0.001
Zirconium, dissolved	mg/L	-	< 0.0003	-	-	< 0.0003	-	< 0.0003	-	< 0.0003
Radium-226	Bq/L	-	0.01	0.02	0.04	0.04	0.02	< 0.03	0.04	0.04
Acute Lethality [2, 3]	%	Not Acutely Toxic	< 1	-	-	-	-	-	-	Not Acutely Toxic

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[3] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

			Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
			Sample Date & Time	2025-09-05 13:20	2025-09-08 16:35	2025-09-16 09:55	2025-09-22 11:30	2025-09-29 14:00	2025-10-01 08:10	2025-10-06 09:00
			ALS Laboratory Work Order	BF2500319	BF2500324	BF2500332	BF2500337	BF2500340	BF2500343	BF2500345
Analyte	**Units**	**Water Licence Criteria[1]**								
pH, Field	pH units	-		7.79	7.97	7.87	7.94	7.89	7.85	8.11
Specific Conductivity, Field	us/cm	-		611	362.5	591	539	467.9	477.9	480
Temperature, Field	deg C	-		1.6	2.2	1.2	1	0.9	0.4	0
Turbidity, Field	NTU	-		-0.61	0.7	0.56	0.17	0.42	0.02	0.11
Dissolved Oxygen, Field	mg/L	-		13.07	12.6	12.59	12.72	13.39	13.01	12.4
Dissolved Oxygen, Percent, Field	%	-		93.8	91.7	89.2	89.5	94	90.1	84.9
Visible Sheen, Field	None	No Visbible Sheen		No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen	No Visbible Sheen
Conductivity, Lab	us/cm	-		564	587	555	550	434	451	448
Acidity	mg/L	-		2.1	-	-	-	-	2.5	-
Total Alkalinity	mg/L	-		98.2	-	-	-	-	87.6	-
Hardness	mg/L	-		283	-	-	-	-	224	-
Total Dissolved Solids	mg/L	-		382	378	337	332	251	272	263
Total Suspended Solids	mg/L	Avg 15, Max 30		1.9	1.9	1.1	2	< 1	< 1.3	< 1.4
Turbidity, Lab	NTU	-		1.7	1.21	0.95	0.86	0.78	1.12	0.56
pH, Lab	pH units	6.0 - 9.5		7.86	7.83	7.84	7.8	7.74	7.72	7.66
Total Ammonia	mg/L	-		0.0068	< 0.005	0.0076	0.008	< 0.005	0.0066	0.0344
Ammonia, Un-ionized	mg/L	-		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ammonia, Un-ionized (as NH3)	mg/L	-		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloride	mg/L	-		18.8	-	-	-	-	11.4	-
Fluoride	mg/L	-		0.109	-	-	-	-	0.128	-
Total Kjeldahl Nitrogen	mg/L	-		0.489	-	-	-	-	0.302	-
Nitrate	mg/L	-		8.18	-	-	-	-	5.68	-
Nitrite	mg/L	-		< 0.01	-	-	-	-	< 0.01	-
Phosphorus, Nutrient	mg/L	-		0.0026	-	-	-	-	0.0026	-
Sulfate	mg/L	-		159	-	-	-	-	94.3	-
Dissolved Organic Carbon	mg/L	-		2.18	-	-	-	-	2.06	-
Total Organic Carbon	mg/L	-		2.32	-	-	-	-	1.93	-
Aluminum, total	mg/L	-		0.0538	0.0544	0.0305	0.0542	0.0327	0.0363	0.0362
Antimony, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Arsenic, total	mg/L	Avg 0.3, Max 0.6		< 0.0001	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Barium, total	mg/L	-		0.021	0.0209	0.0182	0.02	0.0154	0.0157	0.0162
Beryllium, total	mg/L	-		< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Bismuth, total	mg/L	-		< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Boron, total	mg/L	-		0.017	0.017	0.031	0.018	0.017	0.017	0.018
Cadmium, total	mg/L	-		0.0000459	0.0000387	0.0000214	0.0000277	0.0000222	0.0000265	0.0000185
Calcium, total	mg/L	-		45	44.5	40.3	45	35.1	35.4	37.9
Cesium, total	mg/L	-		0.000021	0.00002	0.000017	0.00002	0.000012	0.000014	0.000015
Chromium, total	mg/L	-		< 0.0005	0.00053	< 0.0005	< 0.0005	< 0.0005	0.00052	< 0.0005
Cobalt, total	mg/L	-		0.00067	0.00061	0.0005	0.00048	0.00036	0.00038	0.00036

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

			Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
			Sample Date & Time	2025-09-05 13:20	2025-09-08 16:35	2025-09-16 09:55	2025-09-22 11:30	2025-09-29 14:00	2025-10-01 08:10	2025-10-06 09:00
			ALS Laboratory Work Order	BF2500319	BF2500324	BF2500332	BF2500337	BF2500340	BF2500343	BF2500345
Analyte	**Units**	**Water Licence Criteria[1]**								
Copper, total	mg/L	Avg 0.3, Max 0.6		0.00193	0.00198	0.00178	0.00208	0.0019	0.00206	0.00202
Iron, total	mg/L	-		0.081	0.072	0.042	0.066	0.041	0.047	0.045
Lead, total	mg/L	Avg 0.1, Max 0.20		0.000413	0.00048	0.000337	0.000418	0.000252	0.000265	0.000185
Lithium, total	mg/L	-		0.0074	0.0064	0.0052	0.006	0.0054	0.005	0.0051
Magnesium, total	mg/L	-		40	40.9	36.3	39.1	31.4	32.5	30.6
Manganese, total	mg/L	-		0.0106	0.00529	0.00226	0.00315	0.0018	0.00258	0.00208
Mercury, total	mg/L	-		< 0.000005	-	-	-	-	< 0.000005	-
Molybdenum, total	mg/L	-		0.00512	0.00528	0.00561	0.00634	0.00787	0.00773	0.00739
Nickel, total	mg/L	Avg 0.5, Max 1		0.00102	0.00096	0.00078	0.0009	0.00068	0.00086	0.00078
Phosphorus (P), total	mg/L	-		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Potassium, total	mg/L	-		6.56	6.81	6.12	6.3	6	6.34	6.21
Rubidium, total	mg/L	-		0.00718	0.00748	0.00674	0.00711	0.0064	0.00655	0.00644
Selenium, total	mg/L	-		0.00059	0.000603	0.000465	0.000447	0.000427	0.000414	0.000394
Silicon, total	mg/L	-		1.8	1.86	1.74	1.94	1.87	1.82	1.89
Silver, total	mg/L	-		< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Sodium, total	mg/L	-		7.31	7.34	6.49	6.58	5.31	5.35	5.2
Strontium, total	mg/L	-		0.117	0.111	0.1	0.104	0.0816	0.0801	0.084
Sulfur, total	mg/L	-		55.2	52	42.8	43.4	32.9	31.9	32.1
Tellurium, total	mg/L	-		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Thallium, total	mg/L	-		0.000014	0.000015	0.000013	0.000013	< 0.00001	0.00001	0.00001
Thorium, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Tin, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Titanium, total	mg/L	-		0.00224	< 0.0024	< 0.002	0.00222	0.00134	0.00145	0.00148
Tungsten, total	mg/L	-		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Uranium, total	mg/L	-		0.021	0.0211	0.0226	0.0245	0.0144	0.0152	0.0185
Vanadium, total	mg/L	-		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Zinc, total	mg/L	Avg 0.5, Max 1		< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Zirconium, total	mg/L	-		< 0.0002	0.00021	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Aluminum, dissolved	mg/L	-		0.0033	-	-	-	-	0.0029	-
Antimony, dissolved	mg/L	-		< 0.0001	-	-	-	-	< 0.0001	-
Arsenic, dissolved	mg/L	-		< 0.0001	-	-	-	-	< 0.0001	-
Barium, dissolved	mg/L	-		0.021	-	-	-	-	0.0154	-
Beryllium, dissolved	mg/L	-		< 0.00002	-	-	-	-	< 0.00002	-
Bismuth, dissolved	mg/L	-		< 0.00005	-	-	-	-	< 0.00005	-
Boron, dissolved	mg/L	-		0.016	-	-	-	-	0.016	-
Cadmium, dissolved	mg/L	-		0.0000457	-	-	-	-	0.0000178	-
Calcium, dissolved	mg/L	-		46	-	-	-	-	35.8	-
Cesium, dissolved	mg/L	-		< 0.00001	-	-	-	-	< 0.00001	-
Chromium, dissolved	mg/L	-		< 0.0005	-	-	-	-	< 0.0005	-

Table 7.3.8: Water Quality Results for Water Licence Monitoring Location - MS-11

		Monitoring Station	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11	MS-11
		Sample Date & Time	2025-09-05 13:20	2025-09-08 16:35	2025-09-16 09:55	2025-09-22 11:30	2025-09-29 14:00	2025-10-01 08:10	2025-10-06 09:00
		ALS Laboratory Work Order	BF2500319	BF2500324	BF2500332	BF2500337	BF2500340	BF2500343	BF2500345
Analyte	**Units**	**Water Licence Criteria[1]**							
Cobalt, dissolved	mg/L	-	0.00062	-	-	-	-	0.00034	-
Copper, dissolved	mg/L	-	0.00162	-	-	-	-	0.00176	-
Iron, dissolved	mg/L	-	< 0.01	-	-	-	-	< 0.01	-
Lead, dissolved	mg/L	-	< 0.00005	-	-	-	-	< 0.00005	-
Lithium, dissolved	mg/L	-	0.0076	-	-	-	-	0.0051	-
Magnesium, dissolved	mg/L	-	40.9	-	-	-	-	32.8	-
Manganese, dissolved	mg/L	-	0.0101	-	-	-	-	0.00102	-
Mercury, dissolved	mg/L	-	< 0.000005	-	-	-	-	< 0.000005	-
Molybdenum, dissolved	mg/L	-	0.00513	-	-	-	-	0.00765	-
Nickel, dissolved	mg/L	-	0.00082	-	-	-	-	0.00056	-
Phosphorus (P), dissolved	mg/L	-	< 0.05	-	-	-	-	< 0.05	-
Potassium, dissolved	mg/L	-	6.84	-	-	-	-	6.4	-
Rubidium, dissolved	mg/L	-	0.00707	-	-	-	-	0.0064	-
Selenium, dissolved	mg/L	-	0.000669	-	-	-	-	0.000424	-
Silicon, dissolved	mg/L	-	1.7	-	-	-	-	1.7	-
Silver, dissolved	mg/L	-	< 0.00001	-	-	-	-	< 0.00001	-
Sodium, dissolved	mg/L	-	7.27	-	-	-	-	5.38	-
Strontium, dissolved	mg/L	-	0.116	-	-	-	-	0.0828	-
Sulfur, dissolved	mg/L	-	56.4	-	-	-	-	31.2	-
Tellurium, dissolved	mg/L	-	< 0.0002	-	-	-	-	< 0.0002	-
Thallium, dissolved	mg/L	-	0.000012	-	-	-	-	< 0.00001	-
Thorium, dissolved	mg/L	-	< 0.0001	-	-	-	-	< 0.0001	-
Tin, dissolved	mg/L	-	< 0.0001	-	-	-	-	< 0.0001	-
Titanium, dissolved	mg/L	-	< 0.0003	-	-	-	-	< 0.0003	-
Tungsten, dissolved	mg/L	-	< 0.0001	-	-	-	-	< 0.0001	-
Uranium, dissolved	mg/L	-	0.0201	-	-	-	-	0.0163	-
Vanadium, dissolved	mg/L	-	< 0.0005	-	-	-	-	< 0.0005	-
Zinc, dissolved	mg/L	-	< 0.001	-	-	-	-	< 0.001	-
Zirconium, dissolved	mg/L	-	< 0.0003	-	-	-	-	< 0.0003	-
Radium-226	Bq/L	-	0.03	0.03	0.04	0.04	0.02	0.02	0.04
Acute Lethality [2, 3]	%	Not Acutely Toxic	-	-	-	-	-	Not Acutely Toxic	-

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 10

[2] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14)

[3] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13)

Table 7.3.9: Water Quality Results for Water Licence Monitoring Location - MS-MRY-06

		Monitoring Station	MS-MRY-06
		Sample Date & Time	2025-06-07 14:00
		ALS Laboratory Work Order	BF2500046
Analyte	**Units**	**Water Licence Criteria[1]**	
pH, Lab	pH units	-	7.23
Total Suspended Solids	mg/L	-	20.1
Total Dissolved Solids	mg/L	-	260
Turbidity	NTU	-	13.9
Ammonia, Total (as N)	mg/L	-	2.68
Phosphorus, Nutrient	mg/L	-	0.074
Arsenic - Total	mg/L	-	< 0.0001
Copper - Total	mg/L	-	0.00333
Lead - Total	mg/L	0.2	0.00162
Nickel - Total	mg/L	-	0.0022
Zinc - Total	mg/L	-	0.0625
Benzene	ug/L	590	< 0.5
Ethylbenzene	ug/L	70	4.79
Toluene	ug/L	30	0.84
Total Xylenes	ug/L	70	25.4
m+p-Xylenes	ug/L	70	18.6
o-Xylene	ug/L	70	6.83
F1-BTEX	ug/L	-	< 25
F1 (C6-C10)	ug/L	-	47
F2 (C10-C16)	ug/L	-	< 100
F3 (C16-C34)	ug/L	-	< 250
F4 (C34-C50)	ug/L	-	< 250
Total Petroleum Hydrocarbons (C6-C50)	ug/L	-	< 370
Oil and Grease, Total	mg/L	15	< 5
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria.

[1] Type A Water Licence (2AM-MRY2540) - Table 8.

Table 7.3.10: Water Quality Results for Water Licence Monitoring Location - MQ-C-A

Monitoring Station		MQ-C-A	MQ-C-A	MQ-C-A	MQ-C-A
ALS Laboratory Work Order		BF2500038	BF2500159	BF2500235	BF2500311
Sample Date & Time		2025-06-01 15:20	2025-07-13 08:20	2025-08-03 08:30	2025-09-01 13:10
Analyte	**Units**				
Conductivity	umhos/cm	79.9	219	292	320
pH, Lab	pH units	7.34	8.04	8.1	8.1
Total Dissolved Solids	mg/L	55	117	156	174
Total Suspended Solids	mg/L	< 1	< 1	< 1	< 1
Turbidity	NTU	7.07	0.8	0.36	0.3
Ammonia, Total (as N)	mg/L	< 0.005	0.0271	0.0052	< 0.005
Nitrate	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Oil and Grease, Total	mg/L	< 5	< 5	6.5	< 5
Acute Lethality[1,2]	N/A	-	-	Not Acutely Toxic	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.3.11: Water Quality Results for Water Licence Monitoring Location - MQ-C-B

Monitoring Station		MQ-C-B	MQ-C-B	MQ-C-B	MQ-C-B	MQ-C-B
ALS Laboratory Work Order		BF2500018	BF2500038	BF2500121	BF2500235	BF2500311
Sample Date & Time		2025-05-25 13:20	2025-06-01 14:30	2025-07-01 11:45	2025-08-03 09:25	2025-09-01 08:15
Analyte	**Units**					
Conductivity	umhos/cm	108	78.6	242	280	385
pH, Lab	pH units	7.38	7.2	7.45	8.07	7.87
Total Dissolved Solids	mg/L	55	54	116	128	208
Total Suspended Solids	mg/L	6.1	5.3	1.7	< 1	< 1
Turbidity	NTU	14.8	14.3	3.49	1.3	2.31
Ammonia, Total (as N)	mg/L	0.0254	0.0067	0.0172	0.0053	0.0106
Nitrate	mg/L	0.058	0.022	0.06	0.02	1.12
Oil and Grease, Total	mg/L	< 5	< 5	< 5	< 5	< 5
Acute Lethality[1,2]	N/A	-	Not Acutely Toxic	-	-	Not Acutely Toxic

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.3.12: Water Quality Results for Water Licence Monitoring Location - MQ-C-D

Monitoring Station		MQ-C-D	MQ-C-D	MQ-C-D	MQ-C-D	MQ-C-D
ALS Laboratory Work Order		BF2500018	BF2500038	BF2500121	BF2500235	BF2500311
Sample Date & Time		2025-05-25 14:20	2025-06-02 08:30	2025-07-01 12:25	2025-08-03 08:50	2025-09-01 13:20
Analyte	**Units**					
Conductivity	umhos/cm	140	97	270	278	306
pH, Lab	pH units	7.55	7.36	7.73	8.11	8
Total Dissolved Solids	mg/L	66	62	131	144	168
Total Suspended Solids	mg/L	9.5	12.4	3.7	2.1	1.9
Turbidity	NTU	28.7	23.9	7.48	7.12	3.82
Ammonia, Total (as N)	mg/L	0.0718	0.0118	0.0538	0.015	0.0127
Nitrate	mg/L	0.119	0.045	0.082	0.068	0.224
Oil and Grease, Total	mg/L	< 5	< 5	< 5	< 5	< 5
Acute Lethality[2,3]	N/A	Not Acutely Toxic	-	Not Acutely Toxic	-	-

Notes:

[1] Acute lethality to Daphnia magna (as per Environment Canada Method EPS/1/RM/14) .

[2] Acute lethality to Rainbow trout (as per Environment Canada Method EPS/1/RM/13).

Table 7.4.1: Water Quality Results for Water Licence Monitoring Location - BG-24-DS

		Monitoring Station	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS	BG-24-DS
		ALS Laboratory Work Order	WT2514058	BF2500062	BF2500079	BF2500096	BF2500122	BF2500144	BF2500162	BF2500274	BF2500335
		Sample Date & Time	2025-06-03 11:10	2025-06-10 12:30	2025-06-16 13:30	2025-06-22 11:30	2025-07-01 11:15	2025-07-06 15:00	2025-07-14 13:10	2025-08-18 14:30	2025-09-15 10:50
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.28	7.79	7.79	8.06	7.81	8.18	8.04	8.28	8.04
Total Dissolved Solids	mg/L	-	48	70	75	74	93	139	96	229	219
Total Suspended Solids	mg/L	See note[1]	51.5	1.6	2.5	2.5	1.3	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	16.7	1.80	3.66	1.63	1.48	0.62	1.91	0.48	0.80

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.2: Water Quality Results for Water Licence Monitoring Location - BG-24-US

		Monitoring Station	BG-24-US	BG-24-US	BG-24-US	BG-24-US	BG-24-US	BG-24-US	BG-24-US	BG-24-US	BG-24-US
		ALS Laboratory Work Order	WT2514058	BF2500062	BF2500079	BF2500096	BF2500122	BF2500144	BF2500162	BF2500274	BF2500335
		Sample Date & Time	2025-06-03 11:20	2025-06-10 12:40	2025-06-16 13:40	2025-06-22 11:40	2025-07-01 11:45	2025-07-06 15:15	2025-07-14 13:20	2025-08-18 15:00	2025-09-15 10:55
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.39	7.79	7.81	8.20	7.70	8.07	7.99	7.97	7.94
Total Dissolved Solids	mg/L	-	42	88	90	91	130	175	108	223	233
Total Suspended Solids	mg/L	See note[1]	29.6	< 1.0	10.6	6.6	3.3	5.3	1.4	< 1.0	3.4
Turbidity	NTU	-	5.34	1.12	6.00	8.53	6.15	0.77	2.15	0.40	0.13

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.3: Water Quality Results for Water Licence Monitoring Location - BG-30-DS

		Monitoring Station	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS	BG-30-DS
		ALS Laboratory Work Order	WT2514058	BF2500060	BF2500079	BF2500096	BF2500125	BF2500144	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 10:40	2025-06-09 13:40	2025-06-16 14:05	2025-06-22 12:05	2025-07-02 10:45	2025-07-06 15:40	2025-07-14 13:35	2025-08-20 12:40	2025-09-15 11:05
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.22	7.77	7.83	8.19	8.24	8.30	8.14	8.09	8.07
Total Dissolved Solids	mg/L	-	46	58	80	84	122	138	120	156	189
Total Suspended Solids	mg/L	See note[1]	28.0	8.4	4.0	1.1	< 1.0	1.2	< 1.0	1.6	3.4
Turbidity	NTU	-	19.7	2.80	3.43	0.77	0.66	0.68	1.05	2.67	5.58

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.4: Water Quality Results for Water Licence Monitoring Location - BG-30-US

		Monitoring Station	BG-30-US	BG-30-US	BG-30-US	BG-30-US	BG-30-US	BG-30-US	BG-30-US	BG-30-US	BG-30-US
		ALS Laboratory Work Order	WT2514058	BF2500060	BF2500079	BF2500096	BF2500125	BF2500144	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 10:50	2025-06-09 13:50	2025-06-16 14:20	2025-06-22 12:15	2025-07-02 11:00	2025-07-06 16:00	2025-07-14 13:45	2025-08-20 12:45	2025-09-15 11:10
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.07	7.78	7.79	8.09	8.30	8.27	8.08	8.03	7.94
Total Dissolved Solids	mg/L	-	47	54	90	75	122	133	123	174	178
Total Suspended Solids	mg/L	See note[1]	23.8	1.1	1.5	< 1.0	< 1.0	< 1.0	3.1	5.1	8.2
Turbidity	NTU	-	15.50	1.40	4.43	0.72	0.70	0.77	1.06	6.88	2.35

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.5: Water Quality Results for Water Licence Monitoring Location - BG-32-DS

		Monitoring Station	BG-32-DS	BG-32-DS	BG-32-DS	BG-32-DS	BG-32-DS	BG-32-DS	BG-32-DS	BG-32-DS
		ALS Laboratory Work Order	WT2514058	BF2500060	BF2500080	BF2500096	BF2500125	BF2500149	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 09:30	2025-06-09 10:30	2025-06-17 10:40	2025-06-22 13:40	2025-07-02 12:10	2025-07-09 12:30	2025-08-20 10:35	2025-09-15 12:30
Analyte	**Units**	**Criteria**								
pH, Lab	pH units	6.0 - 9.5	7.44	7.87	7.80	8.25	8.03	7.98	7.84	7.93
Total Dissolved Solids	mg/L	-	57	88	107	138	280	324	213	250
Total Suspended Solids	mg/L	See note[1]	5.1	3.6	2.0	2.4	< 1.0	< 1.0	< 1.0	1.1
Turbidity	NTU	-	2.03	2.89	2.26	1.08	0.99	1.18	1.68	2.05

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.6: Water Quality Results for Water Licence Monitoring Location - BG-32-US

		Monitoring Station	BG-32-US	BG-32-US	BG-32-US	BG-32-US	BG-32-US	BG-32-US	BG-32-US	BG-32-US
		ALS Laboratory Work Order	WT2514058	BF2500060	BF2500080	BF2500096	BF2500125	BF2500149	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 09:40	2025-06-09 10:40	2025-06-17 10:55	2025-06-22 13:50	2025-07-02 12:15	2025-07-09 12:45	2025-08-20 10:40	2025-09-15 12:35
Analyte	**Units**	**Criteria**								
pH, Lab	pH units	6.0 - 9.5	7.48	7.88	7.80	8.26	8.07	8.01	7.89	7.99
Total Dissolved Solids	mg/L	-	56	86	123	139	288	313	202	277
Total Suspended Solids	mg/L	See note[1]	3.7	< 1	1.7	2.0	< 1.0	< 1.0	< 1.0	1.6
Turbidity	NTU	-	1.86	1.59	2.15	1.21	0.97	1.04	1.24	2.04

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.7: Water Quality Results for Water Licence Monitoring Location - BG-50-DS

		Monitoring Station	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS	BG-50-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500119	BF2500149	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-02 11:50	2025-06-09 09:30	2025-06-17 12:40	2025-06-22 15:25	2025-06-30 13:45	2025-07-09 11:15	2025-07-17 12:30	2025-08-20 08:45	2025-09-15 13:25
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.54	7.85	7.75	7.88	7.69	8.14	8.09	8.09	8.15
Total Dissolved Solids	mg/L	-	35	64	73	71	66	78	96	97	114
Total Suspended Solids	mg/L	See note[1]	7.7	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	3.8	1.2
Turbidity	NTU	-	3.56	0.77	1.19	0.55	0.33	0.19	0.57	5.34	0.45

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.8: Water Quality Results for Water Licence Monitoring Location - BG-50-US

		Monitoring Station	BG-50-US	BG-50-US	BG-50-US	BG-50-US	BG-50-US	BG-50-US	BG-50-US	BG-50-US	BG-50-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500119	BF2500149	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-02 12:00	2025-06-09 09:40	2025-06-17 12:50	2025-06-22 15:35	2025-06-30 14:15	2025-07-09 11:25	2025-07-17 12:40	2025-08-20 09:00	2025-09-15 13:30
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.51	7.86	7.71	7.96	7.63	8.12	8.08	8.10	8.13
Total Dissolved Solids	mg/L	-	35	75	65	67	65	80	88	92	104
Total Suspended Solids	mg/L	See note[1]	1.9	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	0.94	0.70	0.71	0.44	0.33	0.22	0.56	0.27	0.25

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.9: Water Quality Results for Water Licence Monitoring Location - CV-001-DS

		Monitoring Station	CV-001-DS	CV-001-DS	CV-001-DS	CV-001-DS	CV-001-DS	CV-001-DS	CV-001-DS
		ALS Laboratory Work Order	WT2514058	BF2500062	BF2500079	BF2500096	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 12:05	2025-06-10 14:35	2025-06-16 11:20	2025-06-22 11:00	2025-07-14 12:35	2025-08-20 13:10	2025-09-15 10:30
Analyte	**Units**	**Criteria**							
pH, Lab	pH units	6.0 - 9.5	7.36	7.64	7.54	7.93	7.60	7.68	7.71
Total Dissolved Solids	mg/L	-	42	59	49	85	66	103	72
Total Suspended Solids	mg/L	See note[1]	25.7	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	21.8	1.44	1.07	1.43	2.66	3.56	2.26

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.10: Water Quality Results for Water Licence Monitoring Location - CV-001-US

		Monitoring Station	CV-001-US	CV-001-US	CV-001-US	CV-001-US	CV-001-US	CV-001-US	CV-001-US
		ALS Laboratory Work Order	WT2514058	BF2500062	BF2500079	BF2500096	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-03 12:15	2025-06-10 14:45	2025-06-16 11:35	2025-06-22 11:05	2025-07-14 12:40	2025-08-20 13:20	2025-09-15 10:35
Analyte	**Units**	**Criteria**							
pH, Lab	pH units	6.0 - 9.5	7.33	7.63	7.57	8.00	7.73	7.66	7.72
Total Dissolved Solids	mg/L	-	50	69	45	79	64	103	78
Total Suspended Solids	mg/L	See note[1]	20.3	< 1.0	< 1.0	< 1.0	< 1.0	2.7	1.1
Turbidity	NTU	-	12.8	1.21	0.98	1.12	2.27	3.66	1.80

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.11: Water Quality Results for Water Licence Monitoring Location - CV-040-DS

		Monitoring Station	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS	CV-040-DS
		ALS Laboratory Work Order	BF2500044	BF2500060	BF2500080	BF2500096	BF2500119	BF2500149	BF2500166	BF2500281	BF2500335
		Sample Date & Time	2025-06-05 14:50	2025-06-09 10:00	2025-06-17 11:20	2025-06-22 14:10	2025-06-30 14:25	2025-07-09 11:55	2025-07-17 13:15	2025-08-21 11:00	2025-09-15 09:20
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.15	7.64	7.75	8.13	7.92	8.21	8.25	8.27	8.24
Total Dissolved Solids	mg/L	-	41	44	81	71	118	162	152	204	223
Total Suspended Solids	mg/L	See note[1]	26.7	1.7	2.9	3.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	5.98	1.22	3.78	0.91	0.37	0.27	0.56	0.28	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.12: Water Quality Results for Water Licence Monitoring Location - CV-040-US

		Monitoring Station	CV-040-US	CV-040-US	CV-040-US	CV-040-US	CV-040-US	CV-040-US	CV-040-US	CV-040-US	CV-040-US
		ALS Laboratory Work Order	BF2500044	BF2500060	BF2500080	BF2500096	BF2500119	BF2500149	BF2500166	BF2500281	BF2500335
		Sample Date & Time	2025-06-05 14:55	2025-06-09 10:10	2025-06-17 11:30	2025-06-22 14:20	2025-06-30 14:45	2025-07-09 12:00	2025-07-17 13:30	2025-08-21 11:30	2025-09-15 09:30
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.24	7.59	7.75	8.08	7.96	8.25	8.26	8.28	8.26
Total Dissolved Solids	mg/L	-	40	43	76	66	124	162	140	199	223
Total Suspended Solids	mg/L	See note[1]	27.8	< 1.1	< 1.0	3.5	< 1.0	2.3	< 1.0	< 1.2	4.0
Turbidity	NTU	-	6.95	0.93	1.52	0.87	0.19	0.17	0.46	0.20	0.13

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.13: Water Quality Results for Water Licence Monitoring Location - CV-060-DS

		Monitoring Station	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS	CV-060-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500125	BF2500149	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-02 10:50	2025-06-09 08:35	2025-06-17 15:00	2025-06-22 16:20	2025-07-02 14:05	2025-07-09 10:00	2025-07-17 12:10	2025-08-21 12:10	2025-09-15 13:50
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.77	7.94	7.94	8.15	8.27	8.05	8.15	7.98	7.93
Total Dissolved Solids	mg/L	-	42	90	102	92	132	140	131	166	171
Total Suspended Solids	mg/L	See note[1]	11.3	2.5	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2
Turbidity	NTU	-	4.19	0.36	0.31	0.13	0.27	0.44	0.20	1.05	0.99

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.14: Water Quality Results for Water Licence Monitoring Location - CV-060-US

		Monitoring Station	CV-060-US	CV-060-US	CV-060-US	CV-060-US	CV-060-US	CV-060-US	CV-060-US	CV-060-US	CV-060-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500125	BF2500149	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-02 10:55	2025-06-09 08:40	2025-06-17 15:10	2025-06-22 16:30	2025-07-02 14:10	2025-07-09 10:05	2025-07-17 12:15	2025-08-21 12:20	2025-09-15 13:55
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.81	7.96	7.94	8.16	8.25	8.07	8.14	7.98	7.92
Total Dissolved Solids	mg/L	-	39	102	92	86	129	139	131	164	177
Total Suspended Solids	mg/L	See note[1]	2.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	1.78	0.17	0.32	0.13	0.16	0.25	0.18	0.84	0.74

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.15: Water Quality Results for Water Licence Monitoring Location - CV-072-C-DS

		Monitoring Station	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS	CV-072-C-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	WT2516961	BF2500125	BF2500149	BF2500166	BF2500284
		Sample Date & Time	2025-06-02 09:45	2025-06-09 08:10	2025-06-17 15:45	2025-06-23 11:40	2025-07-02 14:35	2025-07-09 09:35	2025-07-17 11:50	2025-08-21 12:45
Analyte	**Units**	**Criteria**								
pH, Lab	pH units	6.0 - 9.5	7.83	7.88	7.91	8.17	8.19	8.07	8.19	8.19
Total Dissolved Solids	mg/L	-	47	61	76	63	78	85	114	129
Total Suspended Solids	mg/L	See note[1]	1.9	1.2	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	1.95	0.52	1.79	0.38	0.18	< 0.10	0.26	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

Due to a blocked culvert water crossing CV-072-C was sampled

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.16: Water Quality Results for Water Licence Monitoring Location - CV-072-C-US

		Monitoring Station	CV-072-C-US	CV-072-C-US	CV-072-C-US	CV-072-C-US	CV-072-C-US	CV-072-C-US	CV-072-C-US	CV-072-C-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	WT2516961	BF2500125	BF2500149	BF2500166	BF2500284
		Sample Date & Time	2025-06-02 09:55	2025-06-09 08:15	2025-06-17 15:55	2025-06-23 11:50	2025-07-02 14:45	2025-07-09 09:45	2025-07-17 12:00	2025-08-21 12:50
Analyte	**Units**	**Criteria**								
pH, Lab	pH units	6.0 - 9.5	7.76	7.88	7.85	8.14	8.16	8.08	8.18	8.17
Total Dissolved Solids	mg/L	-	44	61	77	60	78	89	104	130
Total Suspended Solids	mg/L	See note[1]	3.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.0
Turbidity	NTU	-	2.46	0.49	2.01	0.39	0.12	< 0.10	0.32	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

Due to a blocked culvert water crossing CV-072-C was sampled

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.17: Water Quality Results for Water Licence Monitoring Location - CV-078-DS

		Monitoring Station	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS	CV-078-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	WT2516961	BF2500119	BF2500149	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 15:20	2025-06-08 14:45	2025-06-17 16:20	2025-06-23 11:10	2025-06-30 12:00	2025-07-09 09:00	2025-07-17 11:20	2025-08-19 13:30	2025-09-15 14:35
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.78	7.80	7.87	8.25	7.80	8.15	8.23	8.27	8.23
Total Dissolved Solids	mg/L	-	38	55	72	75	102	122	124	160	189
Total Suspended Solids	mg/L	See note[1]	3.9	1.2	1.1	< 1.0	< 1.0	< 1.4	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	2.95	0.92	0.85	0.18	0.11	< 0.10	0.15	< 0.10	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.18: Water Quality Results for Water Licence Monitoring Location - CV-078-US

		Monitoring Station	CV-078-US	CV-078-US	CV-078-US	CV-078-US	CV-078-US	CV-078-US	CV-078-US	CV-078-US	CV-078-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	WT2516961	BF2500119	BF2500149	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 15:30	2025-06-08 15:00	2025-06-17 16:40	2025-06-23 11:20	2025-06-30 12:20	2025-07-09 09:15	2025-07-17 11:25	2025-08-19 14:45	2025-09-15 14:40
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.75	7.82	7.73	8.24	7.82	8.15	8.25	8.24	8.23
Total Dissolved Solids	mg/L	-	30	54	74	74	100	126	122	151	171
Total Suspended Solids	mg/L	See note[1]	2.0	1.6	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	1.74	0.79	1.06	0.20	< 0.10	< 0.10	0.14	0.15	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.19: Water Quality Results for Water Licence Monitoring Location - CV-093-DS

		Monitoring Station	CV-093-DS	CV-093-DS	CV-093-DS	CV-093-DS	CV-093-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500166
		Sample Date & Time	2025-06-02 09:00	2025-06-08 13:40	2025-06-18 08:10	2025-06-23 10:45	2025-07-17 10:55
Analyte	**Units**	**Criteria**					
pH, Lab	pH units	6.0 - 9.5	8.02	8.05	7.84	8.34	8.18
Total Dissolved Solids	mg/L	-	59	103	105	102	134
Total Suspended Solids	mg/L	See note[1]	11.4	1.4	< 1.5	17.5	< 1.3
Turbidity	NTU	-	4.21	0.67	1.42	3.34	0.48

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.20: Water Quality Results for Water Licence Monitoring Location - CV-093-US

		Monitoring Station	CV-093-US	CV-093-US	CV-093-US	CV-093-US	CV-093-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500166
		Sample Date & Time	2025-06-02 09:10	2025-06-08 13:50	2025-06-18 08:15	2025-06-23 10:50	2025-07-17 11:00
Analyte	**Units**	**Criteria**					
pH, Lab	pH units	6.0 - 9.5	8.05	8.02	7.86	8.33	8.08
Total Dissolved Solids	mg/L	-	44	95	98	100	135
Total Suspended Solids	mg/L	See note[1]	3.4	1.8	< 1.2	< 1.0	< 1.2
Turbidity	NTU	-	1.55	0.46	1.03	0.30	0.35

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.21: Water Quality Results for Water Licence Monitoring Location - CV-099-DS

		Monitoring Station	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS	CV-099-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500119	BF2500147	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 13:05	2025-06-08 13:05	2025-06-18 08:30	2025-06-23 10:20	2025-06-30 10:15	2025-07-08 13:30	2025-07-17 10:30	2025-08-19 11:00	2025-09-15 15:15
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.86	7.62	7.70	8.04	7.70	8.28	8.23	8.35	8.32
Total Dissolved Solids	mg/L	-	46	46	64	50	91	101	128	177	206
Total Suspended Solids	mg/L	See note[1]	19.3	1.1	< 1.1	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	6.24	1.01	0.72	0.50	0.50	0.21	4.76	0.10	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.22: Water Quality Results for Water Licence Monitoring Location - CV-099-US

		Monitoring Station	CV-099-US	CV-099-US	CV-099-US	CV-099-US	CV-099-US	CV-099-US	CV-099-US	CV-099-US	CV-099-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500119	BF2500147	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 13:15	2025-06-08 13:15	2025-06-18 08:45	2025-06-23 10:30	2025-06-30 10:35	2025-07-08 13:40	2025-07-17 10:40	2025-08-19 11:30	2025-09-15 15:25
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.97	7.59	7.68	8.09	7.72	8.25	8.25	8.32	8.30
Total Dissolved Solids	mg/L	-	26	46	57	54	94	110	115	180	200
Total Suspended Solids	mg/L	See note[1]	8.9	1.4	< 1.1	< 1.0	< 1.0	< 1.0	2.5	< 1.0	< 1.0
Turbidity	NTU	-	2.72	1.11	0.72	0.60	0.38	0.12	4.09	0.10	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.23: Water Quality Results for Water Licence Monitoring Location - CV-106-DS

		Monitoring Station	CV-106-DS	CV-106-DS	CV-106-DS	CV-106-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	BF2500166
		Sample Date & Time	2025-06-01 11:40	2025-06-08 11:40	2025-06-18 09:35	2025-07-17 09:50
Analyte	**Units**	**Criteria**				
pH, Lab	pH units	6.0 - 9.5	8.07	7.95	7.98	8.05
Total Dissolved Solids	mg/L	-	50	74	83	139
Total Suspended Solids	mg/L	See note[1]	4.7	< 1.1	< 1.0	< 1.0
Turbidity	NTU	-	3.98	1.70	2.26	0.98

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.24: Water Quality Results for Water Licence Monitoring Location - CV-106-US

		Monitoring Station	CV-106-US	CV-106-US	CV-106-US	CV-106-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	BF2500166
		Sample Date & Time	2025-06-01 11:55	2025-06-08 12:00	2025-06-18 09:50	2025-07-17 10:00
Analyte	**Units**	**Criteria**				
pH, Lab	pH units	6.0 - 9.5	7.62	7.70	7.64	8.03
Total Dissolved Solids	mg/L	-	19	52	70	116
Total Suspended Solids	mg/L	See note[1]	< 1.0	< 1.0	3.0	2.7
Turbidity	NTU	-	0.64	0.27	1.08	0.58

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.25: Water Quality Results for Water Licence Monitoring Location - CV-112-DS

		Monitoring Station	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS	CV-112-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 11:00	2025-06-08 11:10	2025-06-18 10:00	2025-06-23 09:15	2025-07-03 10:45	2025-07-08 11:25	2025-07-17 09:30	2025-08-21 14:00	2025-09-16 09:30
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.96	7.77	7.90	8.03	8.30	8.27	8.27	8.29	8.20
Total Dissolved Solids	mg/L	-	51	60	74	80	127	126	142	176	191
Total Suspended Solids	mg/L	See note[1]	55.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.3
Turbidity	NTU	-	25.1	0.83	0.68	0.26	0.20	0.18	0.48	0.23	0.46

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.26: Water Quality Results for Water Licence Monitoring Location - CV-112-US

		Monitoring Station	CV-112-US	CV-112-US	CV-112-US	CV-112-US	CV-112-US	CV-112-US	CV-112-US	CV-112-US	CV-112-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 11:10	2025-06-08 11:15	2025-06-18 10:05	2025-06-23 09:20	2025-07-03 10:55	2025-07-08 11:40	2025-07-17 09:45	2025-08-21 14:10	2025-09-16 09:40
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.89	7.79	7.88	8.07	8.29	8.31	8.28	8.32	8.23
Total Dissolved Solids	mg/L	-	43	64	65	78	133	128	146	177	210
Total Suspended Solids	mg/L	See note[1]	15.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	3.15	0.74	0.63	0.28	0.10	< 0.10	0.16	0.12	0.17

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.27: Water Quality Results for Water Licence Monitoring Location - CV-115-DS

		Monitoring Station	CV-115-DS	CV-115-DS	CV-115-DS	CV-115-DS	CV-115-DS	CV-115-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 10:20	2025-06-08 10:35	2025-06-18 10:30	2025-07-17 09:15	2025-08-21 14:25	2025-09-16 09:55
Analyte	**Units**	**Criteria**						
pH, Lab	pH units	6.0 - 9.5	7.94	8.16	8.23	8.18	8.18	8.13
Total Dissolved Solids	mg/L	-	32	140	142	161	183	218
Total Suspended Solids	mg/L	See note[1]	8.5	< 1.0	5.4	< 1.0	1.0	4.4
Turbidity	NTU	-	3.23	1.25	3.42	0.29	0.36	0.45

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.28: Water Quality Results for Water Licence Monitoring Location - CV-115-US

		Monitoring Station	CV-115-US	CV-115-US	CV-115-US	CV-115-US	CV-115-US	CV-115-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 10:25	2025-06-08 10:45	2025-06-18 10:40	2025-07-17 09:20	2025-08-21 14:30	2025-09-16 10:00
Analyte	**Units**	**Criteria**						
pH, Lab	pH units	6.0 - 9.5	7.89	7.79	8.01	8.11	8.14	7.89
Total Dissolved Solids	mg/L	-	41	103	133	162	180	203
Total Suspended Solids	mg/L	See note[1]	3.2	1.6	2.5	< 1.0	1.6	< 1.0
Turbidity	NTU	-	1.29	0.29	0.99	0.15	0.14	0.18

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.29: Water Quality Results for Water Licence Monitoring Location - CV-128-DS

		Monitoring Station	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS	CV-128-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500119	BF2500147	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 09:35	2025-06-08 09:50	2025-06-18 11:00	2025-06-23 08:35	2025-06-30 08:55	2025-07-08 10:25	2025-07-17 08:45	2025-08-19 09:20	2025-09-16 10:20
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.84	7.77	7.92	7.88	7.41	7.91	8.02	8.12	8.11
Total Dissolved Solids	mg/L	-	36	86	64	52	40	37	88	93	84
Total Suspended Solids	mg/L	See note[1]	6.4	2.2	2.0	4.1	< 1.0	< 1.0	6.0	< 1.3	< 1.0
Turbidity	NTU	-	2.85	1.76	2.23	1.38	1.10	0.38	11.4	0.58	0.34

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.30: Water Quality Results for Water Licence Monitoring Location - CV-128-US

		Monitoring Station	CV-128-US	CV-128-US	CV-128-US	CV-128-US	CV-128-US	CV-128-US	CV-128-US	CV-128-US	CV-128-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500119	BF2500147	BF2500166	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 09:50	2025-06-08 10:10	2025-06-18 11:10	2025-06-23 08:45	2025-06-30 09:30	2025-07-08 10:35	2025-07-17 09:00	2025-08-19 10:00	2025-09-16 10:30
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.85	7.82	7.89	7.71	7.34	7.94	7.99	8.13	8.10
Total Dissolved Solids	mg/L	-	34	85	62	55	30	42	81	91	112
Total Suspended Solids	mg/L	See note[1]	5.7	2.0	< 1.0	2.7	< 1.0	< 1.0	5.3	< 1.0	< 1.0
Turbidity	NTU	-	2.52	2.04	1.48	1.28	1.07	0.40	13.3	0.50	0.30

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.31: Water Quality Results for Water Licence Monitoring Location - CV-129-DS

		Monitoring Station	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS	CV-129-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 09:05	2025-06-08 09:20	2025-06-18 11:25	2025-06-23 08:20	2025-07-03 09:50	2025-07-08 14:45	2025-07-17 08:30	2025-08-21 15:10	2025-09-16 10:40
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	8.11	7.71	7.89	8.00	8.12	8.12	8.12	8.25	8.09
Total Dissolved Solids	mg/L	-	58	70	60	64	99	89	114	118	124
Total Suspended Solids	mg/L	See note[1]	8.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Turbidity	NTU	-	1.84	0.49	0.31	0.12	0.17	0.16	0.24	0.26	0.17

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.32: Water Quality Results for Water Licence Monitoring Location - CV-129-US

		Monitoring Station	CV-129-US	CV-129-US	CV-129-US	CV-129-US	CV-129-US	CV-129-US	CV-129-US	CV-129-US	CV-129-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 09:15	2025-06-08 09:30	2025-06-18 11:35	2025-06-23 08:25	2025-07-03 10:00	2025-07-08 15:00	2025-07-17 08:35	2025-08-21 15:20	2025-09-16 10:50
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	8.13	7.72	7.85	8.02	8.19	8.26	8.15	8.24	8.12
Total Dissolved Solids	mg/L	-	48	75	75	65	94	81	122	121	130
Total Suspended Solids	mg/L	See note[1]	3.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.2	< 1.0	< 1.0
Turbidity	NTU	-	1.44	0.49	0.20	< 0.10	< 0.10	0.10	0.22	0.12	< 0.10

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.33: Water Quality Results for Water Licence Monitoring Location - CV-154-A-DS

		Monitoring Station	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS	CV-154-A-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 08:30	2025-06-08 08:50	2025-06-18 12:00	2025-06-23 07:55	2025-07-03 09:20	2025-07-08 15:20	2025-07-17 08:00	2025-08-21 15:50	2025-09-16 11:00
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.89	7.88	8.05	8.17	8.19	8.07	8.12	8.10	8.09
Total Dissolved Solids	mg/L	-	39	87	93	102	193	164	150	170	167
Total Suspended Solids	mg/L	See note[1]	8.3	3.2	2.2	3.4	< 1.0	< 1.0	6.7	< 1.0	< 1.0
Turbidity	NTU	-	4.05	5.24	4.06	1.12	0.29	0.51	5.00	0.75	0.38

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.34: Water Quality Results for Water Licence Monitoring Location - CV-154-US

		Monitoring Station	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US	CV-154-A-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500147	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 08:40	2025-06-08 09:00	2025-06-18 12:10	2025-06-23 08:00	2025-07-03 09:30	2025-07-08 15:30	2025-07-17 08:10	2025-08-21 16:00	2025-09-16 11:10
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.91	7.86	8.08	8.15	7.99	7.79	8.14	8.20	7.97
Total Dissolved Solids	mg/L	-	32	100	91	99	188	161	139	173	148
Total Suspended Solids	mg/L	See note[1]	13.5	1.9	1.6	1.8	< 1.0	1.2	1.2	< 1.0	3.2
Turbidity	NTU	-	11.2	3.28	3.25	0.95	0.31	0.52	2.57	1.06	0.13

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.35: Water Quality Results for Water Licence Monitoring Location - CV-167-DS

		Monitoring Station	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS	CV-167-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500144	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 07:50	2025-06-08 08:10	2025-06-18 12:30	2025-06-23 07:30	2025-07-03 08:15	2025-07-07 09:30	2025-07-17 07:45	2025-08-21 16:10	2025-09-16 11:20
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.90	7.81	7.84	8.10	8.29	8.15	7.99	8.09	7.92
Total Dissolved Solids	mg/L	-	55	100	88	87	118	123	125	192	225
Total Suspended Solids	mg/L	See note[1]	21.7	2.9	1.9	2.4	< 1.0	1.4	8.6	< 1.0	< 1.0
Turbidity	NTU	-	24.2	2.68	3.31	1.30	1.71	2.12	4.84	1.74	0.77

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.36: Water Quality Results for Water Licence Monitoring Location - CV-167-US

		Monitoring Station	CV-167-US	CV-167-US	CV-167-US	CV-167-US	CV-167-US	CV-167-US	CV-167-US	CV-167-US	CV-167-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500081	WT2516961	BF2500125	BF2500144	BF2500166	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 08:05	2025-06-08 08:20	2025-06-18 12:40	2025-06-23 07:45	2025-07-03 08:25	2025-07-07 09:40	2025-07-17 07:50	2025-08-21 16:20	2025-09-16 11:30
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.98	7.82	7.98	8.12	8.30	8.29	8.04	8.17	7.91
Total Dissolved Solids	mg/L	-	58	87	94	89	108	113	132	182	209
Total Suspended Solids	mg/L	See note[1]	15.7	3.1	< 1.2	1.6	1.1	1.5	1.1	< 1.2	< 1.0
Turbidity	NTU	-	28.2	2.76	2.42	1.08	1.48	1.72	3.70	1.26	0.42

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.37: Water Quality Results for Water Licence Monitoring Location - CV-217-DS

		Monitoring Station	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS	CV-217-DS
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500122	BF2500147	BF2500162	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 13:30	2025-06-09 11:00	2025-06-17 10:10	2025-06-22 13:15	2025-07-01 10:00	2025-07-07 15:20	2025-07-14 14:30	2025-08-20 11:05	2025-09-15 12:05
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.96	7.38	7.29	7.90	7.30	7.75	7.65	7.92	7.89
Total Dissolved Solids	mg/L	-	< 10	45	60	58	38	44	42	46	55
Total Suspended Solids	mg/L	See note[1]	10.5	< 1.0	< 1.3	< 1.0	< 1.0	< 1.0	1.6	< 1.0	1.4
Turbidity	NTU	-	14.6	1.81	2.09	0.71	1.61	1.33	1.72	1.47	1.68

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.38: Water Quality Results for Water Licence Monitoring Location - CV-217-US

		Monitoring Station	CV-217-US	CV-217-US	CV-217-US	CV-217-US	CV-217-US	CV-217-US	CV-217-US	CV-217-US	CV-217-US
		ALS Laboratory Work Order	WT2514160	BF2500060	BF2500080	BF2500096	BF2500122	BF2500147	BF2500162	BF2500274	BF2500335
		Sample Date & Time	2025-06-01 13:20	2025-06-09 11:10	2025-06-17 10:15	2025-06-22 13:20	2025-07-01 10:30	2025-07-07 15:35	2025-07-14 14:35	2025-08-20 11:30	2025-09-15 12:15
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.82	7.31	7.26	7.73	7.14	7.59	7.73	7.72	7.68
Total Dissolved Solids	mg/L	-	31	36	42	39	24	43	49	37	51
Total Suspended Solids	mg/L	See note[1]	4.8	< 1.0	< 1.0	1.2	< 1.0	< 1.0	6.5	1.0	1.4
Turbidity	NTU	-	2.33	1.94	2.46	1.04	1.34	1.37	3.02	1.34	2.26

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.39: Water Quality Results for Water Licence Monitoring Location - CV-223-DS

		Monitoring Station	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS	CV-223-DS
		ALS Laboratory Work Order	WT2514160	BF2500062	BF2500079	BF2500096	BF2500125	BF2500144	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 14:15	2025-06-10 15:35	2025-06-16 10:35	2025-06-22 10:30	2025-07-01 14:40	2025-07-06 13:30	2025-07-14 12:10	2025-08-20 13:30	2025-09-15 10:10
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	6.88	7.47	7.52	7.20	7.73	7.80	7.80	7.86	8.18
Total Dissolved Solids	mg/L	-	18	30	41	26	36	42	50	94	112
Total Suspended Solids	mg/L	See note[1]	21.8	< 1.0	< 1.0	4.2	< 1.0	< 1.0	< 1.2	< 1.0	< 1.0
Turbidity	NTU	-	13.3	1.23	0.62	1.46	0.88	0.54	4.81	0.12	0.14

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.4.40: Water Quality Results for Water Licence Monitoring Location - CV-223-US

		Monitoring Station	CV-223-US	CV-223-US	CV-223-US	CV-223-US	CV-223-US	CV-223-US	CV-223-US	CV-223-US	CV-223-US
		ALS Laboratory Work Order	WT2514160	BF2500062	BF2500079	BF2500096	BF2500125	BF2500144	BF2500162	BF2500284	BF2500335
		Sample Date & Time	2025-06-01 14:30	2025-06-10 15:45	2025-06-16 10:50	2025-06-22 10:40	2025-07-01 15:00	2025-07-06 13:45	2025-07-14 12:15	2025-08-20 13:40	2025-09-15 10:20
Analyte	**Units**	**Criteria**									
pH, Lab	pH units	6.0 - 9.5	7.12	7.44	7.52	7.48	7.80	7.79	7.80	8.06	8.12
Total Dissolved Solids	mg/L	-	25	44	37	26	27	40	46	87	119
Total Suspended Solids	mg/L	See note[1]	11.1	2.6	< 1.1	1.8	< 1.0	< 1.0	4.1	< 1.0	< 1.0
Turbidity	NTU	-	4.11	2.06	0.67	0.97	0.83	0.54	4.61	0.31	0.20

Notes:

Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.5.1: Water Quality Results for Water Licence Monitoring Location - MS-SN-01

Monitoring Location		MS-SN-01	MS-SN-01	MS-SN-01	MS-SN-01	MS-SN-01
ALS Laboratory Work Order		BF2500024	WT2514149	BF2500055	BF2500073	BF2500104
Sample Date & Time		2025-05-28 10:00	2025-06-03 08:15	2025-06-09 14:50	2025-06-16 11:10	2025-06-24 15:20
Analyte	**Units**					
Conductivity	umhos/cm	60.8	109	-	-	-
pH, Lab	pH units	7.32	7.55	7.73	7.75	7.61
Total Suspended Solids	mg/L	17	5.9	11.8	3.4	< 1
Total Dissolved Solids	mg/L	25	60	84	96	117
Turbidity	NTU	30.6	7.03	25.2	5.41	0.63
Ammonia, Total (as N)	mg/L	0.0133	0.0196	-	-	-
Nitrate	mg/L	0.03	0.024	-	-	-
Oil and Grease, Total	mg/L	< 5	< 5	-	-	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen

Table 7.5.2: Water Quality Results for Water Licence Monitoring Location - MS-SN-02

Monitoring Location		MS-SN-02	MS-SN-02	MS-SN-02	MS-SN-02	MS-SN-02
ALS Laboratory Work Order		BF2500024	WT2514149	BF2500055	BF2500073	BF2500104
Sample Date & Time		2025-05-28 10:30	2025-06-02 09:30	2025-06-09 10:40	2025-06-16 08:25	2025-06-24 14:45
Analyte	**Units**					
Conductivity	umhos/cm	65.9	133	-	-	-
pH, Lab	pH units	7.29	6.82	7.79	7.6	7.72
Total Suspended Solids	mg/L	8.5	2.7	< 1	< 1.5	< 1
Total Dissolved Solids	mg/L	48	53	66	84	95
Turbidity	NTU	42.2	8.19	3.79	1.79	1.38
Ammonia, Total (as N)	mg/L	0.0367	0.0305	-	-	-
Nitrate	mg/L	0.162	0.396	-	-	-
Oil and Grease, Total	mg/L	< 5	< 5	-	-	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen

Table 7.5.3: Water Quality Results for Water Licence Monitoring Location - MS-SN-03

Monitoring Location		MS-SN-03	MS-SN-03
ALS Laboratory Work Order		BF2500087	BF2500104
Sample Date & Time		2025-06-21 12:00	2025-06-24 15:00
Analyte	**Units**		
Conductivity	umhos/cm	141	-
pH, Lab	pH units	7.63	7.53
Total Suspended Solids	mg/L	22.4	23.6
Total Dissolved Solids	mg/L	99	94
Turbidity	NTU	88.7	52.6
Ammonia, Total (as N)	mg/L	0.0105	-
Nitrate	mg/L	0.127	-
Oil and Grease, Total	mg/L	< 5	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen

Table 7.5.4: Water Quality Results for Water Licence Monitoring Location - TR-SN-01

Monitoring Location		TR-SN-01	TR-SN-01
ALS Laboratory Work Order		BF2500110	BF2500124
Sample Date & Time		2025-06-27 10:20	2025-07-03 11:30
Analyte	**Units**		
Conductivity	umhos/cm	137	172
pH, Lab	pH units	7.5	8.21
Total Suspended Solids	mg/L	1.8	< 1.2
Total Dissolved Solids	mg/L	53	92
Turbidity	NTU	1.85	0.25
Ammonia, Total (as N)	mg/L	0.0243	< 0.005
Nitrate	mg/L	< 0.02	< 0.02
Oil and Grease, Total	mg/L	< 5	< 5
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen

Table 7.5.5: Water Quality Results for Water Licence Monitoring Location - TR-SN-02

Monitoring Location		TR-SN-02	TR-SN-02	TR-SN-02	TR-SN-02	TR-SN-02	TR-SN-02	TR-SN-02	TR-SN-02
ALS Laboratory Work Order		BF2500043	BF2500061	BF2500067	BF2500110	BF2500124	BF2500148	BF2500165	BF2500210
Sample Date & Time		2025-06-05 15:20	2025-06-10 10:00	2025-06-15 10:30	2025-06-27 11:50	2025-07-03 12:50	2025-07-09 15:40	2025-07-16 10:30	2025-07-28 13:10
Analyte	**Units**								
Conductivity	umhos/cm	136	-	-	-	127	-	-	-
pH, Lab	pH units	7.53	7.84	7.68	7.39	8.07	8.14	8.04	8.22
Total Suspended Solids	mg/L	8.1	< 1	< 1.4	< 1.4	< 1	< 1	< 1.1	< 1
Total Dissolved Solids	mg/L	82	69	62	48	80	81	76	94
Turbidity	NTU	2	0.7	1.19	0.66	0.31	0.26	0.97	0.32
Ammonia, Total (as N)	mg/L	0.0058	-	-	-	< 0.005	-	-	-
Nitrate	mg/L	< 0.02	-	-	-	< 0.02	-	-	-
Oil and Grease, Total	mg/L	< 5	-	-	-	< 5	-	-	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen

Table 7.5.6: Water Quality Results for Water Licence Monitoring Location - TR-SN-04

Monitoring Location		TR-SN-04	TR-SN-04	TR-SN-04	TR-SN-04	TR-SN-04	TR-SN-04	TR-SN-04	TR-SN-04
ALS Laboratory Work Order		BF2500043	BF2500061	BF2500067	BF2500110	BF2500124	BF2500148	BF2500165	BF2500210
Sample Date & Time		2025-06-05 12:00	2025-06-10 11:50	2025-06-15 11:55	2025-06-27 13:30	2025-07-03 14:20	2025-07-09 14:15	2025-07-16 12:30	2025-07-28 12:00
Analyte	**Units**								
Conductivity	umhos/cm	85.1	-	-	-	165	-	-	-
pH, Lab	pH units	7.07	7.56	7.47	7.26	7.85	7.9	7.55	7.64
Total Suspended Solids	mg/L	18.2	4.9	6.1	20	3.9	5.1	7.8	< 1.4
Total Dissolved Solids	mg/L	70	59	51	75	95	105	70	101
Turbidity	NTU	38.5	17.1	11.9	40.6	15.6	8.86	35.8	4.88
Ammonia, Total (as N)	mg/L	0.0172	-	-	-	0.0057	-	-	-
Nitrate	mg/L	0.037	-	-	-	< 0.02	-	-	-
Oil and Grease, Total	mg/L	< 5	-	-	-	< 5	-	-	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen

Table 7.5.7: Water Quality Results for Water Licence Monitoring Location - TR-SN-06

Monitoring Location		TR-SN-06	TR-SN-06
ALS Laboratory Work Order		BF2500043	BF2500067
Sample Date & Time		2025-06-05 11:15	2025-06-15 13:30
Analyte	**Units**		
Conductivity	umhos/cm	46.1	-
pH, Lab	pH units	6.92	7.57
Total Suspended Solids	mg/L	2	< 1
Total Dissolved Solids	mg/L	33	38
Turbidity	NTU	1.61	1.26
Ammonia, Total (as N)	mg/L	0.0083	-
Nitrate	mg/L	0.029	-
Oil and Grease, Total	mg/L	< 5	-
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen

Table 7.5.8: Water Quality Results for Water Licence Monitoring Location - TR-SN-07

Monitoring Location		TR-SN-07	TR-SN-07	TR-SN-07	TR-SN-07
ALS Laboratory Work Order		BF2500043	BF2500061	BF2500067	BF2500165
Sample Date & Time		2025-06-05 14:25	2025-06-10 10:40	2025-06-15 11:15	2025-07-16 11:00
Analyte	**Units**				
Conductivity	umhos/cm	128	-	-	239
pH, Lab	pH units	7.59	7.96	7.93	8.1
Total Suspended Solids	mg/L	39	1.9	3.2	4.8
Total Dissolved Solids	mg/L	78	112	116	128
Turbidity	NTU	20.6	1.15	4.86	5.43
Ammonia, Total (as N)	mg/L	0.0066	-	-	0.0095
Nitrate	mg/L	0.054	-	-	< 0.02
Oil and Grease, Total	mg/L	< 5	-	-	< 5
Visible Sheen, Field	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen

Table 7.6.1: Water Quality Results for Post Construction Monitoring Location CV-049

		Monitoring Station	CV-049-DS	CV-049-US	CV-049-DS	CV-049-US	CV-049-DS	CV-049-US
		ALS Laboratory Work Order	BF2500096	BF2500096	BF2500166	BF2500166	BF2500284	BF2500284
		Sample Date & Time	2025-06-22 14:55	2025-06-22 15:00	2025-07-17 12:50	2025-07-17 13:00	2025-08-20 09:25	2025-08-20 09:30
Analyte	**Units**	**Criteria**						
pH, Field	pH units	-	8.22	8.26	8.19	8.22	7.92	7.81
Specific Conductivity, Field	us/cm	-	162.5	160.6	229.7	229.2	309.8	321.5
Temperature, Field	deg C	-	5.0	6.0	4.9	4.8	3.9	4.0
Turbidity, Field	NTU	-	0.59	0.55	0.60	0.62	1.84	-0.29
Dissolved Oxygen, Field	mg/L	-	11.21	11.05	12.04	12.06	12	12.07
Dissolved Oxygen, Percent, Field	%	-	87.8	88.9	94.1	94.0	91.4	92.3
Visible Sheen, Field	None	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
pH, Lab	pH units	-	7.86	7.82	8.12	8.14	8.01	7.91
Total Dissolved Solids	mg/L	-	101	100	141	140	175	162
Total Suspended Solids	mg/L	See note[1]	< 1.2	< 1.2	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.6.2: Water Quality Results for Construction Monitoring Location - CV-187-US

		Monitoring Station	CV-187-DS	CV-187-US	CV-187-DS	CV-187-US
		ALS Laboratory Work Order	BF2500127	BF2500127	BF2500236	BF2500236
		Sample Date & Time	2025-07-03 11:50	2025-07-03 12:00	2025-08-02 13:15	2025-08-02 13:25
Analyte	**Units**	**Criteria**				
pH, Field	pH units	-	7.59	7.35	8.22	8.02
Specific Conductivity, Field	us/cm	-	268.3	744	476	953
Temperature, Field	deg C	-	12.4	10.9	13.2	11.7
Turbidity, Field	NTU	-	4.15	2.59	2.26	0.94
Dissolved Oxygen, Field	mg/L	-	10.94	9.74	10.57	10.27
Dissolved Oxygen, Percent, Field	%	-	102.2	88.2	101	95
Visible Sheen, Field	None	-	No Visible Sheen	No Visible Sheen	No Visible Sheen	No Visible Sheen
pH, Lab	pH units	-	8.21	7.97	8.07	8.03
Total Dissolved Solids	mg/L	-	166	497	251	770
Total Suspended Solids	mg/L	See note[1]	< 1	< 1	< 1	< 1

Notes:
Bold highlight indicate results that were greater than the applicable water quality screening criteria.

[1] When upstream TSS concentrations are less than 250 mg/L, a potential Project related change is defined as a greater than 50 mg/L increase in the downstream concentration. Where concentrations are greater than 250 mg/L in the upstream sample, a potential Project related change is defined as a greater than 20% increase in the downstream sample.

Reference: Roads Management Plan (BIM-5200-PLA-0027)

Table 7.6.3: Water Quality Results for Water Licence Monitoring Location - MS-07

		Monitoring Station	MS-07
		ALS Laboratory Sample ID	BF2500268
		Sample Date	2025-08-18 11:00
Analyte	**Units**	**Water Licence and MDMER Criteria[1]**	
Visible Sheen, Field	None	No Visible Sheen	No Visible Sheen
pH, Lab	pH units	6.0 - 9.5	7.29
Ammonia, Un-ionized	mg/L	1	0.0026
Arsenic - Total	mg/L	0.6	< 0.001
Copper - Total	mg/L	0.6	< 0.005
Lead - Total	mg/L	0.2	< 0.0005
Nickel - Total	mg/L	1	0.00723
Zinc - Total	mg/L	1	< 0.03
Radium-226	Bq/L	1.11	< 0.005

Notes:

Bold highlight indicate results that exceeded the applicable water quality criteria

[1] Type A Water Licence (2AM-MRY2540) - Table 10 - Maximum Concentration of Any Grab Sample,

Table 7.7.1: Field QA/QC Water Quality Data Analysis - Field Duplicates - MP-01

Parameter	Monitoring Station		MP-01	QV-CC2	Relative Percent Difference (RPD)	MP-01	QV-CC1	Relative Percent Difference (RPD)
	ALS Laboratory Sample ID		WT2500340	WT2500340		WT2531958	WT2531958	
	Sample Date & Time		2025-01-07 13:10	2025-01-07 13:10		2025-11-04 12:40	2025-11-04 12:40	
	QA/QC Sample Type		N/A	Field Duplicate		N/A	Field Duplicate	
	Units	LOR						
pH, Lab	pH units	0.1	7.85	7.78	0.90%	7.76	7.71	0.65%
Total Suspended Solids	mg/L	1	2.2	2.2	0.00%	<0.50	<0.5	0.00%
Total Dissolved Solids	mg/L	20	721	714	0.98%	871	871	0.00%
Turbidity	NTU	0.1	0.74	0.73	1.36%	0.26	0.28	7.41%
Alkalinity, Total	mg/L	2	77.5	77.6	0.13%	57.4	58.3	1.56%
Ammonia, Total (as N)	mg/L	0.005	0.0384	0.0228	50.98%	0.336	0.114	**98.67%**
Phosphorus, Nutrient	mg/L	0.02	4.92	4.88	0.82%	7.38	7.33	0.68%
Total Kjeldahl Nitrogen	mg/L	0.05	0.456	1.0	**74.73%**	58.4	18.9	**102.20%**
Fecal Coliforms	CFU/100 mL	1	<0.5	<0.5	0.00%	<0.5	41	**195.18%**
BOD	mg/L	3	<1.5	<1.5	0.00%	<1.0	<1.0	0.00%
Oil and Grease, Total	mg/L	5	<2.5	<2.5	0.00%	<2.5	<2.5	0.00%

Notes:

Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the average of the two samples, and multiplying by 100.

Calculations of results below detection limits used the value of the detection limit.
RPD values exceeding 20% and greater than 10x LOR are bolded.

Table 7.7.2: Field QA/QC Water Quality Data Analysis - Field Duplicates - MP-01B

Parameter	Monitoring Station		MP-01B	QV-CC4	Relative Percent Difference (RPD)	MP-01B	QV-CC2	Relative Percent Difference (RPD)
	ALS Laboratory Sample ID		WT2500340	WT2500340		WT2531958	WT2531958	
	Sample Date & Time		2025-01-07 13:20	2025-01-07 13:20		2025-11-04 12:30	2025-11-04 12:30	
	QA/QC Sample Type		N/A	Field Duplicate		N/A	Field Duplicate	
	Units	LOR						
pH, Lab	pH units	0.1	7.39	7.51	1.61%	7.93	7.9	0.38%
Total Suspended Solids	mg/L	1	<0.50	<0.5	0.00%	<0.50	<0.5	0.00%
Total Dissolved Solids	mg/L	20	626	620	0.96%	583	578	0.86%
Turbidity	NTU	0.1	<0.050	0.12	82.35%	0.12	0.12	0.00%
Alkalinity, Total	mg/L	2	55.5	56.8	2.32%	86.2	86.4	0.23%
Ammonia, Total (as N)	mg/L	0.005	0.0164	0.0263	46.37%	0.0512	0.0481	6.24%
Phosphorus, Nutrient	mg/L	0.1	11.9	12.5	4.92%	6.94	6.9	0.58%
Total Kjeldahl Nitrogen	mg/L	0.05	1.21	1.15	5.08%	6.03	6.15	1.97%
Fecal Coliforms	CFU/100 mL	1	5	7	33.33%	<0.5	1	66.67%
BOD	mg/L	3	<1.5	<1.5	0.00%	<1.0	<1	0.00%
Oil and Grease, Total	mg/L	5	<2.5	<2.5	0.00%	<2.5	<2.5	0.00%

Notes:

Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the average of the two samples, and multiplying by 100.

Calculations of results below detection limits used the value of the detection limit.
RPD values exceeding 20% and greater than 10x LOR are bolded.

Table 7.7.3: Field QA/QC Water Quality Data Analysis - Field Duplicates - MP-03

Parameter	Monitoring Station		MP-03	QW-CC2	Relative Percent Difference (RPD)
	ALS Laboratory Sample ID		WT2519824	WT2519824	
	Sample Date & Time		2025-07-22 07:15	2025-07-22 07:15	
	QA/QC Sample Type		N/A	Field Duplicate	
	Units	LOR			
pH, Lab	pH units	0.1	8.42	8.44	0.24%
Total Suspended Solids	mg/L	1	3.2	3.5	8.96%
Total Dissolved Solids	mg/L	20	238	237	0.42%
Turbidity	NTU	0.1	5.46	5.52	1.09%
Ammonia, Total (as N)	mg/L	0.005	0.0191	0.0153	22.09%
Phosphorus, Nutrient	mg/L	0.002	0.0125	0.0118	5.76%
Arsenic - Total	mg/L	0.0001	0.00038	0.00039	2.60%
Copper - Total	mg/L	0.0005	0.00328	0.00327	0.31%
Lead - Total	mg/L	0.00005	0.000338	0.000344	1.76%
Nickel - Total	mg/L	0.0005	0.00084	0.00082	2.41%
Zinc - Total	mg/L	0.003	0.0052	0.0057	9.17%
Benzene	ug/L	0.5	<0.25	<0.25	0.00%
Ethylbenzene	ug/L	0.5	<0.25	<0.25	0.00%
Toluene	ug/L	0.5	<0.25	<0.25	0.00%
Total Xylenes	ug/L	0.5	<0.25	<0.25	0.00%
m+p-Xylenes	ug/L	0.4	<0.20	<0.2	0.00%
o-Xylene	ug/L	0.3	<0.15	<0.15	0.00%
F1-BTEX	ug/L	25	<13	<13	0.00%
F1 (C6-C10)	ug/L	25	<13	<13	0.00%
F2 (C10-C16)	ug/L	100	120	120	0.00%
F3 (C16-C34)	ug/L	250	<130	<130	0.00%
F4 (C34-C50)	ug/L	250	<130	<130	0.00%
Total Petroleum Hydrocarbons (C6-C50)	ug/L	370	<190	<190	0.00%
Oil and Grease, Total	mg/L	5	<2.5	<2.5	0.00%

Notes:
Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the average of the two samples, and multiplying by 100.
Calculations of results below detection limits used the value of the detection limit.
RPD values exceeding 20% and greater than 10x LOR are bolded.

Table 7.7.4: Field QA/QC Water Quality Data Analysis - Field Duplicates - MQ-C-B

Parameter	Monitoring Station		MQ-C-B	QD-CC7	Relative Percent Difference (RPD)
	ALS Laboratory Sample ID		BF2500018	BF2500018	
	Sample Date & Time		2025-05-25 13:20	2025-05-25 13:20	
	QA/QC Sample Type		N/A	Field Duplicate	
	Units	LOR			
Conductivity	umhos/cm	1	108	108	0.00%
pH, Lab	pH units	0.1	7.38	7.42	0.54%
Total Suspended Solids	mg/L	1	6.1	5.4	12.17%
Total Dissolved Solids	mg/L	19	55	56	1.80%
Turbidity	NTU	0.1	14.8	13.8	6.99%
Ammonia, Total (as N)	mg/L	0.005	0.0254	0.024	5.67%
Nitrate	mg/L	0.02	0.058	0.056	3.51%
Oil and Grease, Total	mg/L	5	<2.5	<2.5	0.00%

Notes:
Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the average of the two samples, and multiplying by 100.
Calculations of results below detection limits used the value of the detection limit.
RPD values exceeding 20% and greater than 10x LOR are bolded.

Table 7.7.5: Field QA/QC Water Quality Data Analysis - Field Duplicates - MS-01B

Parameter	Monitoring Station		MS-01B	QW-CC2	Relative Percent Difference (RPD)	MS-01B	QW-CC1	Relative Percent Difference (RPD)
	ALS Laboratory Sample ID		WT2500336	WT2500336		WT2531731	WT2531731	
	Sample Date & Time		2025-01-07 12:30	2025-01-07 12:30		2025-11-04 13:40	2025-11-04 13:40	
	QA/QC Sample Type		N/A	Field Duplicate		N/A	Field Duplicate	
	Units	LOR						
pH, Lab	pH units	0.1	7.8	7.78	0.26%	7.42	7.43	0.13%
Total Suspended Solids	mg/L	1	<0.50	<0.5	0.00%	<0.50	<0.5	0.00%
Total Dissolved Solids	mg/L	20	668	685	2.51%	862	876	1.61%
Turbidity	NTU	0.1	0.18	0.15	18.18%	0.16	0.17	6.06%
Alkalinity, Total	mg/L	2	89.1	89.4	0.34%	31.2	31.1	0.32%
Ammonia, Total (as N)	mg/L	0.005	0.0133	0.0133	0.00%	0.0208	0.0268	25.21%
Phosphorus, Nutrient	mg/L	0.002	0.154	0.155	0.65%	0.103	0.108	4.74%
Total Kjeldahl Nitrogen	mg/L	0.05	0.416	0.622	**39.69%**	5.17	5.33	3.05%
Fecal Coliforms	CFU/100 mL	1	<0.5	<0.5	0.00%	1	5	133.33%
BOD	mg/L	3	<1.5	<1.5	0.00%	<1.0	<1	0.00%
Oil and Grease, Total	mg/L	5	<2.5	<2.5	0.00%	<2.5	<2.5	0.00%

Notes:
Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the average of the two samples, and multiplying by 100.
Calculations of results below detection limits used the value of the detection limit.
RPD values exceeding 20% and greater than 10x LOR are bolded.

Table 7.8.1: Field QA/QC Water Quality Data Analysis - Field Blanks and Travel Blanks - MP-01

		Monitoring Station	MP-01	MP-01
		ALS Laboratory Sample ID	WT2519032	WT2524538
		Sample Date & Time	2025-07-15 12:30:00 PM	2025-09-02 1:10:00 PM
		QAQC Sample Type	Field Blank	Travel Blank
Analyte	**Unit**	**Detection Limit**		
pH, Lab	pH units	0.1	5.7	5.15
Total Suspended Solids	mg/L	1	< 1	< 1
Total Dissolved Solids	mg/L	10	10	< 10
Turbidity	NTU	0.1	< 0.1	< 0.1
Alkalinity, Total	mg/L	2	< 2	< 2
Ammonia, Total (as N)	mg/L	0.005	**0.0162**	< 0.005
Phosphorus, Nutrient	mg/L	0.002	< 0.002	< 0.002
Total Kjeldahl Nitrogen	mg/L	0.05	**0.073**	< 0.05
Fecal Coliforms	CFU/100mL	1	< 1	< 1
BOD	mg/L	2	< 2	< 2
Oil and Grease, Total	mg/L	5	< 5	< 5

Notes:

Bold values indicate values greater than their respective parameter LOR but under 5 times the LOR value.

Table 7.8.2: Field QA/QC Water Quality Data Analysis - Field Blanks and Travel Blanks - MP-01B

		Monitoring Station	MP-01B	MP-01B
		ALS Laboratory Sample ID	WT2519032	WT2524538
		Sample Date & Time	2025-07-15 10:35:00 AM	2025-09-02 1:30:00 PM
		QAQC Sample Type	Field Blank	Travel Blank
Analyte	**Unit**	**Detection Limit**		
pH, Lab	pH units	0.1	5.76	6.06
Total Suspended Solids	mg/L	1	< 1	< 1
Total Dissolved Solids	mg/L	10	< 10	< 10
Turbidity	NTU	0.1	< 0.1	< 0.1
Alkalinity, Total	mg/L	2	< 2	< 2
Ammonia, Total (as N)	mg/L	0.005	< 0.005	**0.0252**
Phosphorus, Nutrient	mg/L	5	< 5	< 5
Total Kjeldahl Nitrogen	mg/L	0.002	< 0.002	< 0.002
Fecal Coliforms	CFU/100mL	0.05	< 0.05	< 0.05
BOD	mg/L	1	< 1	< 1
Oil and Grease, Total	mg/L	2	< 2	< 2

Notes:

Bold values indicate values greater than their respective parameter LOR but under 5 times the LOR value.

Bold and highlighted values indicate values greater than 5 times the LOR value.

Table 7.8.3 Field QA/QC Water Quality Data Analysis - Field Blanks and Travel Blanks - MQ-C-B

		Monitoring Station	MQ-C-B
		ALS Laboratory Sample ID	BF2500121
		Sample Date & Time	2025-01-07 11:45
		QAQC Sample Type	Field Blank
Analyte	**Unit**	**Detection Limit**	
Conductivity	umhos/cm	1	< 1
pH, Lab	pH units	0.1	5.98
Total Suspended Solids	mg/L	1	< 19
Total Dissolved Solids	mg/L	10	< 1
Turbidity	NTU	0.1	< 0.1
Ammonia, Total (as N)	mg/L	0.005	**0.0229**
Nitrate	mg/L	0.02	< 0.02
Oil and Grease, Total	mg/L	2	< 5

Notes:
Bold values indicate values greater than their respective parameter LOR but under 5 times the LOR value.

Table 7.8.4: Field QA/QC Water Quality Data Analysis - Field Blanks and Travel Blanks - MS-01B

		Monitoring Station	MS-01B	MS-01B
		ALS Laboratory Sample ID	WT2518077	WT2524541
		Sample Date & Time	2025-07-08 1:20:00 PM	2025-09-02 1:40:00 PM
		QAQC Sample Type	Field Blank	Travel Blank
Analyte	**Unit**	**Detection Limit**		
pH, Lab	pH units	0.1	5.79	5.57
Total Suspended Solids	mg/L	1	< 1	< 1
Total Dissolved Solids	mg/L	10	< 10	< 10
Turbidity	NTU	0.1	< 0.1	< 0.1
Alkalinity, Total	mg/L	2	< 2	< 2
Ammonia, Total (as N)	mg/L	0.005	< 0.005	< 0.005
Phosphorus, Nutrient	mg/L	5	< 5	< 5
Total Kjeldahl Nitrogen	mg/L	0.002	< 0.002	**0.0046**
Fecal Coliforms	CFU/100mL	0.05 - 0.5	< 0.5	< 0.05
BOD	mg/L	1	< 1	< 1
Oil and Grease, Total	mg/L	2	< 2	< 2

Notes:

Bold values indicate values greater than their respective parameter LOR but under 5 times the LOR value.

Table 7.9: Summary - QA/QC Analysis of Duplicates with an RPD > 20% and greater than 10 times the LOR - 2025

Parent Monitoring Station	Blind Duplicate Code	Date & Time Sampled	Parameter	RPD (%) [1]
MP-01	QV-CC2	2025-01-07 13:10	Total Kjeldahl Nitrogen	74.73%
MP-01	QV-CC1	2025-11-04 12:40	Ammonia, Total (as N)	98.67%
MP-01	QV-CC1	2025-11-04 12:40	Total Kjeldahl Nitrogen	102.20%
MP-01	QV-CC1	2025-11-04 12:40	Fecal Coliforms	195.18%
MS-01B	QW-CC2	2025-01-07 12:30	Total Kjeldahl Nitrogen	39.69%

Notes:

[1] Relative Percent Difference (RPD) for a parameter is calculated by dividing the absolute analytical result difference between the sample and its duplicate by the mean of the sample and duplicate, and multiplying by 100. RPD = |(Result2 - Result1)/ Mean| * 100.

Table 7.10.1: Water Quality Monitoring Results - Mary River Natural Sedimentation Events - 2025

		Monitoring Station	MS-NS-05-US	MS-NS-05-DS	MS-NS-02-US	MS-NS-02-DS
		ALS Laboratory Work Order	BF2500155	BF2500155	BF2500219	BF2500219
		Sample Date & Time	2025-07-13 15:10	2025-07-13 15:35	2025-07-30 08:55	2025-07-30 09:05
Analyte	**Unit**	**LOR**				
Total Suspended Solids	mg/L	1 - 1.3	2.1	67.8	4.4	7.2
Turbidity	NTU	0.1	2.34	31.8	17.6	37.6

Notes:
LOR = Limit of Reporting; a range is used if there were multiple LORs

Table 7.10.2: Water Quality Monitoring Results - Steensby Rail Natural Sedimentation Events - 2025

		Monitoring Station	SR-NS-01-US	SR-NS-01-DS	SR-NS-02-US	SR-NS-02-DS	SR-NS-03-US	SR-NS-03-DS
		ALS Laboratory Work Order	BF2500114	BF2500114	BF2500114	BF2500114	BF2500218	BF2500218
		Sample Date & Time	2025-06-28 14:50	2025-06-28 15:00	2025-06-29 14:55	2025-06-29 14:15	2025-07-30 10:00	2025-07-30 09:45
Analyte	**Unit**	**LOR**						
Total Suspended Solids	mg/L	1 - 10.7	12.4	1410	9.6	52.7	< 1	< 1
Turbidity	NTU	0.1	4.13	1210	13.6	74.6	5.91	23

Notes:
LOR = Limit of Reporting; a range is used if there were multiple LORs

Table 8.1: Reclamation Works Related to Project Operations on Inuit-Owned and Crown Lands - 2025

Property Section	Land Type / Parcel ID	Reclamation Objective	Reclamation Principle	Description of Reclamation Works	Regulatory Authority	Impact on Financial Security
Project-Wide	Inuit-Owned Lands - Surface and Subsurface (PI-16, PI-17,P1-19) Crown Lands (Tote Road - KM 59 to 63)	- Remaining area will be safe for humans and the receiving environment - Aesthetic conditions of the project areas are similar to surrounding natural conditions	Progressive Reclamation	Demobilization and backhaul of equipment and supplies not required for near term activities, including the current inventory of hazardous waste and other materials by means of sealifts from Milne Port.	QIA CIRNAC	No change in financial security held by the QIA or the Crown (CIRNAC). Annual demobilization and backhaul of wastes, materials and equipment not required by the Project for near term activities is taken into account during the Annual Security Review process.
Tote Road	Inuit-Owned Lands - Surface (PI-16)	- Drainage pathways for surface runoff are physically stable to limit risk to humans and receiving environment - Mine areas are physically stable for use by humans and receiving environment - Area facilitates the desired wildlife movement - Natural revegetation is promoted - Aesthetic conditions of the project areas are similar to surrounding natural conditions	Progressive Reclamation	Continued implementation of the reclamation plan for the historical Km 97 borrow areas detailed in the Project's Borrow Source Management Plan – KM 97 (BAF-PH1-830-P16-0032).	QIA	No impact on financial security held by the QIA. Reclamation works at the historical Km 97 borrow areas is ongoing.
Tote Road	Inuit-Owned Lands - Surface (PI-16, PI-17, PI-19)	- Drainage pathways for surface runoff are physically stable to limit risk to humans and receiving environment - Mine areas are physically stable for use by humans and receiving environment - Area facilitates the desired wildlife movement - Natural revegetation is promoted - Aesthetic conditions of the project areas are similar to surrounding natural conditions	Progressive Reclamation	Implementation of the action plan to address historical borrow sources within the Tote Road corridor. Work in 2025 included progressive reclamation at four borrow areas on the Tote Road at km 89.3, km 89.6, km 50.6 and km 20.5	QIA	Proposed reduction in reclamation security for the four borrow areas where progressive reclamation has occurred was included in the reclamation security estimate provided as part of the 2026 Work Plan.
Mine Site	Inuit-Owned Lands - Surface and Subsurface (PI-16, PI-17)	- Chemically stable disturbed areas to limit risk impact to humans and receiving environment - Surface runoff and seepage water quality is safe for humans and receiving environment	Progressive Reclamation	On-going management of hydrocarbon impacted soils at the Mine Site Landfarm Facility generated from ongoing operations.	QIA	No impact on financial security held by the QIA. Continued remediation and treatment of soils held within the Landfarm Facility anticipated during 2026.
Milne Port	Inuit-Owned Lands - Surface (PI-19)	- Chemically stable disturbed areas to limit risk impact to humans and receiving environment - Surface runoff and seepage water quality is safe for humans and receiving environment	Progressive Reclamation	On-going management of hydrocarbon impacted soils at the Milne Port Landfarm Facility generated from historical decommissioning efforts and ongoing operations.	QIA	No impact on financial security held by the QIA. Continued remediation and treatment of soils held within the Landfarm Facility anticipated during 2026.

Table 8.2: Mary River Project Total Closure and Reclamation Security Summary - 2025 [a]

Authorization	Liability	Securities Held on January 1, 2025 (Actual) ($)	Adjustment for 2025 (Actual) ($)	Securities Held on December 31, 2025 (Actual) ($)
Type 'A' Water Licence 2AM-MRY2540	IOL [a]	130,333,476	**2,969,355**	133,302,831
	Crown	3,451,009	-	3,451,009
Subtotal Type 'A' Water Licence		**133,784,485**	**2,969,355**	**136,753,840**
Type 'B' Water Licence 2BE-MRY1421	IOL [a]			-
	Crown	1,250,000	-	1,250,000
Subtotal Type 'B' Water Licence		**1,250,000**	-	**1,250,000**
GRAND TOTAL		**135,034,485**	**2,969,355**	**138,003,840**

Notes:

[a] All security relating to Inuit-Owned Land (IOL) held by Qikiqtani Inuit Association (QIA) under Commercial Lease No. Q13C301.

Table 9.1: Management and Monitoring Plan Updates - 2025

Historic Reference No.	Current (New) Reference No.	Current Revision	Management Plan	Current Revision Date	Updated since 2024 QIA and NWB Annual Report for Operations?
BAF-PH1-830-P16-0047	BIM-5000-PLA-0003	7	MDMER Emergency Response Plan	15-Jul-2024	No
BAF-PH1-840-P16-0001	BIM-5000-PLA-0004	4	Crisis Management Plan	30-Mar-2024	No
BAF-PH1-840-P16-0002	BIM-5000-PLA-0005	8	Emergency Response Plan	13-Mar-2024	No
BAF-PH1-830-P16-0042	BIM-5000-PLA-0006	0	Spill at Sea Response Plan (SSRP)	15-Aug-2015	No
BAF-PH1-310-P16-0001	BIM-5100-PLA-0004	19	Milne Inlet Marine Facility Security Plan	18-Mar-2025	No
BAF-PH1-830-P16-0006	BIM-5200-PLA-0002	3	Cultural Heritage Resource Protection Plan	07-Mar-2016	No
BAF-PH1-830-P16-0008	BIM-5200-PLA-0003	2	Environmental Protection Plan	30-Apr-2021	No
BAF-PH1-830-P16-0001	BIM-5200-PLA-0004	7	Sampling Program - QAQC Plan	05-Mar-2025	No
BAF-PH1-830-P16-0002	BIM-5200-PLA-0005	8	Air Quality and Noise Abatement Management Plan	30-Apr-2021	No[1]
BAF-PH1-300-P16-0002	BIM-5200-PLA-0006	7	Snow Management Plan	14-Feb-2024	No[1]
BAF-PH1-830-P16-0011	BIM-5200-PLA-0007	7	Hazardous Materials and Hazardous Waste Management Plan	30-Apr-2024	No
BAF-PH1-830-P16-0026	BIM-5200-PLA-0009	8	Surface Water and Aquatic Ecosystem Management Plan	31-Mar-2026	Yes
BAF-PH1-830-P16-0027	BIM-5200-PLA-0010	1	Terrestrial Environment Mitigation and Monitoring Plan	14-Mar-2016	No
BAF-PH1-830-P16-0048	BIM-5200-PLA-0011	0	Milne Inlet Tote Road Quarry Borrow Source Plan	07-Mar-2019	No
BAF-PH1-830-P16-0036	BIM-5200-PLA-0012	6	Spill Contingency Plan	31-Jan-2021	No[1]
BAF-PH1-830-P16-0028	BIM-5200-PLA-0013	10	Waste Management Plan	31-Mar-2024	No
BAF-PH1-830-P16-0050	BIM-5200-PLA-0014	1	Ballast Water Management Plan	31-Mar-2019	No
BAF-PH1-830-P16-0058	BIM-5200-PLA-0015	4	Oil Pollution Prevention Plan (OPPP)	22-May-2024	Yes
BAF-PH1-830-P16-0046	BIM-5200-PLA-0016	0	Marine Environmental Effects Monitoring Plan	17-Mar-2016	No
BAF-PH1-830-P16-0056	BIM-5200-PLA-0017	0	Diesel E2 Plan - Milne Port	22-Feb-2020	No
BAF-PH1-830-P16-0024	BIM-5200-PLA-0018	9	Shipping and Marine Wildlife Management Plan	19-Jul-2022	No
BAF-PH1-830-P16-0057	BIM-5200-PLA-0019	0	Diesel E2 Plan - Mary River	22-Feb-2020	No
BAF-PH1-830-P16-0038	BIM-5200-PLA-0020	2	Exploration Closure and Reclamation Plan	25-Jan-2021	No
BAF-PH1-830-P16-0037	BIM-5200-PLA-0021	1	Exploration Spill Contingency Plan	25-Jan-2021	No
BAF-PH1-830-P16-0010	BIM-5200-PLA-0022	12	Fresh Water Supply, Sewage, and Wastewater Management Plan	31-Mar-2026	Yes
BAF-PH1-830-P16-0039	BIM-5200-PLA-0023	3	Aquatic Effects Monitoring Plan	14-Jan-2026	Yes
BAF-PH1-830-P16-0004	BIM-5200-PLA-0025	0	Borrow Pit and Quarry Management Plan	20-Mar-2014	No
BAF-PH1-830-P16-0012	BIM-5200-PLA-0026	6	Interim Closure and Reclamation Plan	11-Jul-2025	Yes
BAF-PH1-830-P16-0023	BIM-5200-PLA-0027	7	Roads Management Plan	31-Mar-2019	No
BAF-PH1-830-P16-0013	BIM-5200-PLA-0028	11	Oil Pollution Emergency Plan - Milne Inlet (OPEP)	22-May-2024	No
BAF-PH1-830-P16-0029	BIM-5200-PLA-0029	4	Phase 1 Waste Rock Management Plan	25-Mar-2024	No[1]
BAF-PH1-830-P16-0031	BIM-5200-PLA-0030	0	Life-of-Mine Waste Rock Management Plan	30-Apr-2014	No
BAF-PH1-340-P16-0004	BIM-5200-PLA-0034	2	Waste Rock Facility QAQC Monitoring Plan	25-Mar-2024	No
Site Specific Quarry Management Plans					
BAF-PH1-830-P16-0030	BIM-5200-PLA-0024	0	Borrow Source Management Plan - KM 2	25-Oct-2014	No
BAF-PH1-830-P16-0032	BIM-5200-PLA-0031	0	Borrow Source Management Plan - KM 97	25-Oct-2014	No
BAF-PH1-830-P16-0035	BIM-5200-PLA-0032	0	Borrow Source Management Plan - KM 104	20-Mar-2014	No
BAF-PH1-830-P16-0017	n/a	3	Q1 Quarry Management Plan	25-Feb-2022	No
BAF-PH1-830-P16-0053	n/a	0	Q5 Quarry Management Plan	15-Dec-2020	No
BAF-PH1-830-P16-0040	BIM-5200-PLA-0033	3	QMR2 Quarry Management Plan	30-Jul-2021	No

Notes:

[1] Plan will be reviewed and revised if applicable in 2026

Table 9.2: 2025 Non-AG Waste Rock Used for Construction Purposes (EX-PIT)

DESTINATION	TONNAGE	S (%) XRF	Paste pH
Mine Haul Road	26,924	0.05	8.44
Aggregate Construction	194,192	0.04	9.04
Mine Site Laydown	477,212	0.05	7.13
KM 105 South Laydown	662,170	0.05	8.47
TOTAL	**1,360,498**		

Table 9.3: 2025 Non-AG Waste Rock Used for Construction Purposes Geochemistry (EX-PIT)

DESTINATION	Average Fe (%)	Average SiO_2 (%)	Average Al_2O_3 (%)	Average Mn (%)	Average P (%)
Mine Haul Road	13.88	56.24	12.22	0.07	0.06
Aggregate Construction	10.56	61.74	12.26	0.09	0.06
Mine Site Laydown	24.74	42.33	9.88	0.11	0.05
KM 105 South Laydown	22.41	46.44	10.52	0.10	0.05

Table 10.1: Summary of Findings and Actions from Inspection and Compliance Reports - 2025

Inspection Date	Agency	Location	Feedback	Outcome
January 7 to 8, 2025	CIRNAC	Waste Rock Facility	Provide the 2024 Q4 Waste Rock Management Compliance Report	Baffinland provided the report on January 31, 2024.
June 26, 2025	CIRNAC	Mary River Landfarm	Numerous quatrex bags filled with previously contaminated soil were discovered outside a designated lined/berm facility. ACTION ITEM: Hazardous Waste must be placed into a designated lined facility.	The Quatrex bags were removed and the area cleared (see Photo 1 of Baffinland's Response).
		Crusher Pad/Shop	A pallet of drums containing oil or fuel were observed outside the repair shop near the crusher pad and were not contained within secondary containment. ACTION ITEM: Drums of hazardous materials must be placed within secondary containment.	The drums have been relocated from outside the building to a designated storage area, and remaining fuel drums have spill containment.
		Milne Port Site Services Laydown	A fuel spill was observed near the Heavy-Duty truck laydown year at the Milne Port site. ACTION ITEM: All fuel spills must be reported and remediated to the satisfaction of the Inspector.	An investigation was conducted to identify the source of the referenced apparent spill. Sampling was carried out to test for Total Oil and Grease(TOG) and wetted soils beneath the bus fuel port, and results indicate the staining was not hyrdocarbons, but was rather water that was released from a water truck parked next to the bus photographed, and the wetness on the ground was not from the bus fuel port. This is therefore not classified as a spill under our Spill Contingency Plan (SCP). If this were deemed to be a spill, Baffinland would have initiated the SCP which would have included investiation of volume for external reporting, and if reported, ensuring that the spill was remediated to the insepctor's satisfaction.
October 8 to 15, 2025	CIRNAC	Mine Site Hazardous Waste Berm	Hazardous waste was observed outside of secondary containment and was placed into secondary containment the following day.	No further action required.

Table 11.1: Pending and Completed Amendments to Provisions of the Commercial Lease - 2025

OEN / TRAN Title	Property Section	Location (UTM NAD83 Zone 17N)		Description of Activity	Supporting Documentation
		Easting	Northing		
Tote Road Adjustment Notice - Tote Road Bypass at Crossing CV-216 September 11, 2025	Tote Road (IOL Parcels PI-16, PI-17, PI-19)	542785	7921695	Bypass road and new culverts at crossing CV-216. TRAN approved in 2025.	N/A
Tote Road Adjustment Notice – Tote Road Culvert Replacements at CV-111 and CV-078 October 28, 2025	Tote Road (IOL Parcels PI-16, PI-17, PI-19)	521039 525604	7954933 7937087	Replacement of culverts at crossings CV-111 and CV-078. TRAN approved in 2025.	N/A
Tote Road Adjustment Notice – Culvert Retrofits at Four Locations on the Milne Inlet Tote Road October 31, 2025	Tote Road (IOL Parcels PI-16, PI-17, PI-19)	Various	Various	Retrofits of existing culverts at crossings CV-114, CV-112, BG-17, CV-224. TRAN approved in 2025.	N/A
Option Exercise Notice - Mine Site Hazardous Waste Berm December 15, 2022	Mine Site (IOL Parcels PI-16, 19)	558228	7914539	Decommissioning of existing hazardous waste berm MS-HWB-06, construction of new hazardous waste berm. OEN not approved in 2025.	N/A - Not Completed
Option Exercise Notice - Tote Road Bypass at Crossing CV-216 September 17, 2025	Tote Road (IOL Parcels PI-16, PI-17, PI-19)	542785	7921695	Bypass road and new culverts at crossing CV-216. OEN approved in 2025.	N/A
Option Exercise Notice - 2026 Work Plan October 31, 2025	Milne Port, Tote Road, Mine Site (IOL Parcels PI-16, PI-17, PI-19)	Various	Various	Reconcile Milne Port, Milne Inlet Tote Road and Mine Site Impact Area limits to reflect land disturbance identified through the satellite imagery Disturbed Area Analysis, remove proposed quarry areas along the Milne Inlet Tote Road that were added through a 2018 OEN but that have not been developed. OEN not approved in 2025.	N/A

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
January 3, 2025	Canadian Northern Economic Development Agency (CanNor)	Phone Call - Outgoing	Steensby Update
January 6, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
January 9, 2025	Canadian Northern Economic Development Agency (CanNor)	Phone Call - Outgoing	Steensby Update
January 9, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
January 9, 2025	Marine Environment Working Group (MEWG)	Tele-Conference	2024 Marine Monitoring Program Update 2024 DFO Ballast Water Program 2024 Baffinland Shipping Season
January 13, 2025	Terrestrial Environment Working Group (TEWG)	Tele-Conference	2024 Terrestrial Monitoring Activities Update on BIM Dust Mitigation NRCan presentation on Dust Monitoring Studies at Mary River Update on Group's Terms of Reference
January 13, 2025	HTO - Sanirajak, Qikiqtani Inuit Association	In-Person / Face-To-Face	Inuit Stewardship Committee Meeting
January 13 - 17	City of Iqaluit	In-Person / Face-To-Face	Workplace Ready Program

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
January 14, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	Joint Executive Committee Priorities AWP 2025/2026
January 15, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment Committee Meeting
January 15, 2025	Marine Environment Working Group (MEWG)	Tele-Conference	MEWG Working Group
January 15, 2025	Canadian Transportation Agency	In-Person / Face-To-Face	Steensby Railway Project Update
January 15, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	Employment Committee Meeting
January 16, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	FAA Application
January 17, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment and Training Information Session
January 20, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Ballast Water Program
January 21, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Workshop for Steensby Contracts
January 23, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Workshop for Steensby Contracts
January 23 - 30	Hamlet of Sanirajak	In-Person / Face-To-Face	Workplace Ready Program
January 30, 2025	Canadian Northern Economic Development Agency (CanNor)	Tele-Conference	Steensby Update
January 30, 2025	Penn-Co & Arctic Fresh	Tele-Conference	Steensby Update
January 31, 2025	Canadian Transportation Agency	Tele-Conference	Public Consultation Planning
February 1, 2025	Makivvik	Tele-Conference	Steensby Update
February 3 - 10, 2025	Hamlet of Clyde River	In-Person / Face-To-Face	Workplace Ready Program
February 4, 2025	Government of Nunavut	In-Person / Face-To-Face	Industry Roundtable

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
February 4, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment & Training Information Session
February 5, 2025	Natural Resources Canada (NRCan)	Tele-Conference	2025 Dust Monitoring Collaborative Agreement
February 10, 2025	Members of the Public - Kinngait/Cape Dorset	Radio	Steensby Update
February 11, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Steensby Update
February 12, 2025	Government of Nunavut	Tele-Conference	Caribou Collaring and Tissue Sampling
February 12, 2025	Members of the Public - Kimmirut	Radio	Steensby Update
February 12, 2025	Natural Resources Canada (NRCan)	Tele-Conference	Collaborative Agreement
February 17, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
February 17 - 20, 2025	City of Iqaluit	In-Person / Face-To-Face	Northern Lights Tradeshow
February 21, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment and Training Information Session
February 24, 2025	Hamlet of Arctic Bay	Radio Show	Employment and Training Information Session
February 24, 2025	Hamlet of Igloolik	In-Person / Face-To-Face	Employment and Training Information Session
February 25, 2025	Government of Nunavut	Tele-Conference	Caribou Health Monitoring Program
February 25, 2025	Members of the Public - Pond Inlet	In-Person / Face-To-Face	Employment and Training Information Session
February 26, 2025	Hamlet of Hall Beach (Sanirajak)	In-Person / Face-To-Face	Employment and Training Information Session

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
February 27, 2025	Members of the Public - Clyde River	In-Person / Face-To-Face	Employment and Training Information Session
February 28 - March 7	Members of the Public - Arctic Bay	In-Person / Face-To-Face	Employment and Training Information Session
February 28, 2025	Members of the Public - Igloolik	In-Person / Face-To-Face	Workplace Ready Program
February 28, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Monthly Steering Committee Meeting
March 1, 2025	Hamlet of Clyde River	Radio Show	Employment and Training Information Session
March 3, 2025 to March 7, 2025	Hamlet of Igloolik, HTO - Igloolik, Members of the Public - Igloolik, HTO - Mayukalik (Kimmirut), Members of the Public - Kimmirut, Members of the Public - Kinngait/Cape Dorset, HTO - Aiviq (Kinngait/Cape Dorset), Qikiqtani Inuit Association, Members of the Public - Arctic Bay, Hamlet of Arctic Bay, HTO - Ikajutit (Arctic Bay) Members of the Public - Clyde River, Hamlet of Clyde River, HTA - Namautaq (Clyde River) CIRNAC, DFO, Transport Canada, CanNor	In-Person / Face-To-Face	Steensby Port and Railway Consultation Tour; Steensby Update; Community Feedback

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
March 7, 2025	Hamlet of Igloolik, HTO - Igloolik, Members of the Public - Igloolik	Radio Show	Steensby Update
March 11 - March 18, 2025	Members of the Public - Arctic Bay	In-Person / Face-To-Face	Workplace Ready Program
March 11, 2025	Members of the Public - Pond Inlet	In-Person / Face-To-Face	Type A Water License Hearing
March 14, 2025	Hamlet of Igloolik	Radio Show	Employment and Training Information Session
March 14, 2025	Makivvik	Tele-Conference	Steensby Update
March 15, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	Nunavut Quest
March 19, 2025	Hamlet of Hall Beach (Sanirajak)	Radio Show	Employment and Training Information Session
March 20, 2025	Environment and Climate Change Canada (ECCC), Fisheries and Oceans Canada (DFO), Natural Resources Canada (NRCan), Parks Canada, QIA	Tele-Conference	Five-Year Monitoring Plan
March 20, 2025	Marine Environment Working Group (MEWG), Terrestrial Environment Working Group (TEWG)	Tele-Conference	Terms of Reference and Independent Chair Selection
March 21, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Tote Road Repairs
March 24, 2025	Members of the Public - Igloolik	In-Person / Face-To-Face	Employment and Training Information Session
March 25, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Employment and Training Information Session

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
March 26, 2025	Hamlet of Hall Beach (Sanirajak)	In-Person / Face-To-Face	Employment and Training Information Session
March 27, 2025	Members of the Public - Clyde River	In-Person / Face-To-Face	Employment and Training Information Session
March 31, 2025	Hamlet of Arctic Bay	In-Person / Face-To-Face	Employment & Training Information Session
April 1, 2025	Members of the Public - Pond Inlet	In-Person / Face-To-Face	Hamlet of Pond Inlet 's 50 Anniversary.
April 4, 2025	Qikiqtani Inuit Association	Tele-Conference	Executive Committee
April 8, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
April 8, 2025	Fisheries and Oceans Canada (DFO)	In-Person / Face-To-Face	Fish Protection Plans for the Steensby Project
April 9, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
April 10, 2025	City of Iqaluit (Mining Symposium)	In-Person / Face-To-Face	Employment & Training Information Session
April 10, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	QIA Bilateral Meeting
April 15, 2025	Members of the Public - Pond Inlet, Qikiqtani Inuit Association	In-Person / Face-To-Face	Nunavut Quest and Qamutik Cup
April 15, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	Steensby Update ISP Update QIA Research projects Federal Consultation Tour Update Status of Permits IIBA payments
April 16 - 23, 2025	Hamlet of Pond Inlet, MHTO - Pond Inlet	In-Person / Face-To-Face	Workplace Ready Program
April 21 - 28, 2025	Hamlet of Clyde River	In-Person / Face-To-Face	Workplace Ready Program

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
April 24, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	2025 Ballast Water Program at Milne Port
April 25, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Steering Committee Meeting
April 28, 2025	Government of Nunavut	Tele-Conference	Caribou Monitoring Program
May 9, 2025	Government of Nunavut	Tele-Conference	Steensby Update
May 22, 2025	Igloolik Working Group	Tele-Conference	Steensby Permitting
May 26, 2025	Hamlet of Hall Beach (Sanirajak)	In-Person / Face-To-Face	Employment & Training Information Session
May 26, 2025	Hamlet of Igloolik	In-Person / Face-To-Face	Employment & Training Information Session
May 27, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Steensby Permitting
May 27, 2025	Hamlet of Clyde River	In-Person / Face-To-Face	Employment & Training Information Session
May 27, 2025	Qikiqtani Inuit Association	Tele-Conference	IIBA Negotiations
May 28, 2025	Hamlet of Arctic Bay	In-Person / Face-To-Face	Employment & Training Information Session
May 28, 2025	City of Iqaluit	In-Person / Face-To-Face	Employment & Training Information Session
May 28, 2025	Hamlet of Pond Inlet, Qikiqtani Inuit Association, Igloolik Working Group	In-Person / Face-To-Face	Steensby Project Update
May 29, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Employment & Training Information Session

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
May 29, 2025	Igloolik Working Group, Qikiqtani Inuit Association	In-Person / Face-To-Face	Steensby Project Update
June 2, 2025	Hamlet of Igloolik, HTO, Igloolik, QIA, DFO, CTA, CanNor	In-Person / Face-To-Face	Steensby Project Update
June 3, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment Committee Meeting
June 6, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Meeting
June 9, 2025	Makivvik	Tele-Conference	Steensby Project Update
June 10, 2025	Arctic Fresh	In-Person / Face-To-Face	Steensby Permitting
June 12, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	FAA Application Update
June 20, 2025	Canadian Border Security Authority	Tele-Conference	Discussion of CBSA Services in Nunavut
June 20, 2025	Government of Nunavut	In-Person / Face-To-Face	Premier's Office Steensby Update
June 20, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Steensby Update with Mayor Arreak
June 25, 2025	City of Iqaluit	In-Person / Face-To-Face	Arctic Sovereignty/Security Summit
June 26, 2025	Qikiqtani Inuit Association	Tele-Conference	Update on Steensby Component
June 27, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Steering Committee Meeting
July 3, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	2025 Ballast Water Program at Milne Port
July 3, 2025	Government of Nunavut	Tele-Conference	Caribou Monitoring Survey Results
July 3, 2025	HTO - Sanirajak	Tele-Conference	Steensby Shipping Route and Season Discussion
July 8, 2025	Marine Environment Working Group (MEWG)	Tele-Conference	Results of 2024 Marine Environment Monitoring Programs 2025 Monitoring Season Update

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
July 9, 2025	Canadian Northern Economic Development Agency (CanNor)	Tele-Conference	Crown Consultation Assessment Report
July 10, 2025	Terrestrial Environment Working Group (TEWG)	Tele-Conference	Results of 2024 Terrestrial Environment Monitoring Programs 2025 Monitoring Season Update
July 15, 2025	Qikiqtani Inuit Association	Tele-Conference	JEC Meeting
July 17, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Ballast Water Planning meeting, communication plan and collaborative agreement
July 24, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	FAA Application Update
July 25, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Meeting Employment Committee Meeting
July 30, 2025	Canadian Northern Economic Development Agency (CanNor)	In-Person / Face-To-Face	Steensby Update
July 30, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Start of 2025 Shipping Season meeting
July 30, 2025	Qikiqtani Inuit Association	Tele-Conference	Bilateral Update Meeting
August 7, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
August 12, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Steensby Update
August 12, 2025	Nunavut Chamber of Mines	In-Person / Face-To-Face	Critical Minerals Meeting
August 13, 2025	HTO - Mittimatalik (Pond Inlet)	Tele-Conference	2025 Shipping Season Commencement meeting
August 14, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Ballast Water Planning meeting, communication plan and collaborative agreement

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
August 14, 2025	Government of Nunavut	Tele-Conference	Community and Government Services Update
August 20, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Steering Committee Meeting
August 27, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	IIBA Negotiations
August 28, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Review and Update Meeting
September 3, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Meeting
September 8, 2025	Arctic Gateway Group	Tele-Conference	Confidential
September 8, 2025	Qikiqtani Inuit Association	Tele-Conference	Community and Inuit Engagement School Lunch Program Literacy Assessment Report ETIS Tour Report Ilisaqivik Society Community Counsellor Program EC Reports to JEC
September 15, 2025	Makivvik	Tele-Conference	Steensby Construction Update, Fieldwork updates, Monitoring Programs Update
September 17, 2025	Fisheries and Oceans Canada (DFO)	Tele-Conference	Ballast Water Program Review
September 17, 2025	Government of Nunavut	Tele-Conference	Project Update
September 17, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	IIBA Negotiations
September 18, 2025	Dust Audit Committee	Tele-Conference	Dust Monitoring and Mitigation Trials
September 18, 2025	City of Iqaluit (Nunavut Trade Show)	In-Person / Face-To-Face	Employment and Training Information Session

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
September 22, 2025	Hamlet of Sanirajak	In-Person / Face-To-Face	Employment and Training Information Session
September 22, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	IIBA Negotiations
September 23, 2025	Hamlet of Clyde River	In-Person / Face-To-Face	Employment and Training Information Session
September 23, 2025	Hamlet of Igloolik	In-Person / Face-To-Face	Employment and Training Information Session
September 24, 2025	Qikiqtaaluk Corporation	In-Person / Face-To-Face	Procurement Discussion
September 26, 2025	Hamlet of Pond Inlet	Hamlet of Pond Inlet	Employment and Training Information Session
October 1, 2025	Qikiqtani Inuit Association	Tele-Conference	Employment Committee Meeting
October 2, 2025	Government of Nunavut	Tele-Conference	Caribou Monitoring Program Collaborative Agreement
October 8, 2025	Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)	In-Person / Face-To-Face	Environmental Inspection
October 10, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee Meeting
October 13 - 17, 2025	Members of the Public - City of Iqaluit	In-Person / Face-To-Face	Nunavut Mining Week
October 14, 2025	Nunavut Sivuniksavut	In-Person / Face-To-Face	Nunavut Sivuniksavut 40th in Ottawa
October 20, 2025	HTO - Arctic Bay, Qikiqtani Inuit Association	In-Person / Face-To-Face	IIBA and Research Vessel Commitment
October 22 - Oct 29	Hamlet of Pond Inlet	In-Person / Face-To-Face	Workplace Ready Program

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
October 23, 2025	Hamlet of Arctic Bay	Tele-Conference	Annual Project Review Forum
October 27, 2025	HTO - Mittimatalik (Pond Inlet)	In-Person / Face-To-Face	End of Shipping Season Meeting
October 29, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Workplace Ready Program
October 30, 2025	Hamlet of Arctic Bay, Hamlet of Hall Beach (Sanirajak), Hamlet of Pond Inlet, HTO - Igloolik, HTO - Mittimatalik (Pond Inlet), Qikiqtani Inuit Association, HTO - Sanirajak, HTA - Namautaq (Clyde River)	Tele-Conference	Updates on blasting plans, Steensby, AQNAMP
October 31, 2025	Qikiqtani Inuit Association	Tele-Conference	Contracting Committee, ICR Finalization
November 6, 2025	Qikiqtani Inuit Association	Tele-Conference	Update on the Pond Inlet Training Centre
Novermber 10 - 14	Hamlet of Arctic Bay	In-Person / Face-To-Face	Workplace Ready Program
November 12, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Steering Committee Meeting
November 13, 2025	Qikiqtani Inuit Association	Tele-Conference	Monthly Permit Status Update
November 17, 2025	Hamlet of Arctic Bay	In-Person / Face-To-Face	Employment and Training Information Session
November 17, 2025	Marine Environment Working Group (MEWG)	Tele-Conference	2025 MEEMP Preliminary Results Baffinland's Management Plan updates on Steensby Component Independent Chair Selection process

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
November 18, 2025	Hamlet of Igloolik, HTO - Igloolik, Canadian Ranger Patrol Group (Igloolik)	In-Person / Face-To-Face	2024 Mary River Operations Update, Steensby Component shipping activities, Planned Environment Monitoring and Mitigation Measures along Southern Shipping Route
November 19, 2025	Qikiqtani Inuit Association	In-Person / Face-To-Face	Financial Update
November 19, 2025	Terrestrial Environment Working Group (TEWG)	Tele-Conference	2025 TEMP Preliminary Results, Dust Mitigation Measures, Update on Management Plans on Steensby Component, Independent Chair Selection Process
November 20, 2025	Fisheries and Oceans Canada (DFO), Hamlet of Hall Beach (Sanirajak), HTO - Igloolik)	In-Person / Face-To-Face	Updates on Steensby Component, Environmental Monitoring and Mitigation measures along Southern Shipping Route, Ballast Water Research Vessel
November 25, 2025	Makivvik - HTO	In-Person / Face-To-Face	Steensby Briefing
November 26, 2025	Qikiqtani Inuit Association	Tele-Conference	JEC Meeting Steensby Plans Evaluation of Benefit Delivery Approval of Annual Work Plans ETF Discussions Community Counsellors Program Reporting and Path Forward 2026 APRF Marine Research Vessel Updates

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
November 28 - December 3, 2025	Hamlet of Hall Beach (Sanirajak)	In-Person / Face-To-Face	Workplace Ready Program
December 1, 2025	Hamlet of Hall Beach (Sanirajak)	In-Person / Face-To-Face	Employment and Training Information Session
December 1 - December 5, 2025	City of Iqaluit	In-Person / Face-To-Face	Workplace Ready Program
December 2, 2025	Hamlet of Clyde River	In-Person / Face-To-Face	Employment and Training Information Session
December 2, 2025	Qikiqtani Inuit Association	Tele-Conference	IIBA Negotiations
December 2, 2025	HTO - Ikajutit (Arctic Bay), HTA - Namautaq, HTO - Igloolik, HTO - Sanirajak	Tele-Conference	Independent Chair Nomination and Selection Process
December 3, 2025	Nunavut Mining Symposium Steering Committee	Tele-Conference	Steering Committee Meeting
December 4, 2025	Dust Audit Committee	Tele-Conference	2025 Dust Audit Committee Report Review
December 5, 2025	Hamlet of Pond Inlet	In-Person / Face-To-Face	Employment and Training Information Session
December 8 - 12, 2025	Members of the Public - Clyde River	In-Person / Face-To-Face	Workplace Ready Program
December 10, 2025	HTO - Aiviq (Kinngait/Cape Dorset) HTO - Mayukalik (Kimmirut)	In-Person / Face-To-Face	Independent Chair Selection Briefing

Table 12.1 - Public Meetings and Events - 2025

Date	Group Participants	Meeting Location	Description
December 10, 2025	Qikiqtani Inuit Association	Tele-Conference	Annual Work Plan Priorities for 2026 - 2027 Review of AWP Programs
December 10, 2025	City of Iqaluit	In-Person / Face-To-Face	Employment and Training Information Session
December 11, 2025	Baffin Regional Chamber of Commerce	In-Person / Face-To-Face	Annual General Meeting
December 12, 2025	Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), Government of Nunavut, Nunavut Impact Review Board, Nunavut Tunngavik Inc., Qikiqtani Inuit Association,	Tele-Conference	
December 14, 2025	Government of Nunavut	In-Person / Face-To-Face	Steensby Update
December 15, 2025	Canadian Northern Economic Development Agency (CanNor)	Tele-Conference	Steensby Update

Table 12.2: Site Visits to the Mary River Project - 2025

Date	Agency
January 7-8	CIRNAC - Water Licence inspection
March 6-20	GN - Aerial Survey
April 8-16	NRCAN - Working
May 20-27	WSCC - Regulatory Inspection
June 17-20	QIA - Inspection
June 25 - July 1	CIRNAC - Water Licence inspection
July 15-18	NIRB - Site Visit
August 6-12	QIA - Environmental Audit
August 11-14	DFO - Inspection of Tote Road fish-bearing crossing locations
August 20-22	ECCC - Regulatory Inspection
September 17-19	QIA - Inspection
October 8-15	CIRNAC - Water Licence inspection

Notes:

QIA - Qikiqtani Inuit Association

NIRB - Nunavut Impact Review Board

CIRNAC - Crown Indigenous Relations and Northern Affairs Canada

WSCC - Workers' Safety and Compensation Commission

ECCC - Environment and Climate Change Canada

DFO - Fisheries and Oceans Canada

GN - Government of Nunavut

NRCAN - Natural Resources Canada