

APPENDIX E.12  
Surveillance Network Program (SNP)  
Modification Application

Abid Jan  
Technical Advisor  
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P.O. Box 119  
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**Re: Mary River Project – Changes to Surveillance Network Program (SNP) and Alignment of Schedule I of the Type ‘A’ Water Licence 2AM-MRY2540**

In accordance with Part I, Items 3 and 26 of Baffinland Iron Mines Corporation’s (Baffinland) Type ‘A’ Water Licence – 2AM-MRY2540 (Type ‘A’ Water Licence) for the Mary River Project (Project), Baffinland is pleased to submit this request for approval for proposed changes to the Project’s Surveillance Network Program (SNP), outlined in Schedule I of the Type ‘A’ Water Licence.

The SNP outlines the monitoring requirements for Project effluents discharged to the receiving environment and surface water drainage downstream of specific Project areas. The current and proposed SNP monitoring stations at the Milne Port and Mine Site, as presented in Schedule I of the Type ‘A’ Water Licence.

Baffinland is proposing to add one SNP station denoted MS-12 at the 570 Sump that will be constructed within the ultimate pit boundary at Deposit No. 1.

Baffinland notes that a monitoring station with the identifier MS-12 was previously submitted with Modification 13, however the associated settling pond was not constructed due to permafrost considerations, and therefore we request the re-assignment of this station identifier to the 570 Sump effluent discharge.

A summary of the proposed changes to the SNP monitoring stations and associated justifications are provided in Table 1. A summary of the proposed additions to be made to Table 13 within Schedule I is presented in Table 2.

We trust that this information meets the requirements under Part I of the Type ‘A’ Water Licence and look forward to the NWB’s response. Please do not hesitate to contact the undersigned should you have any questions or comments.

Regards,



Todd Swenson  
Environmental Superintendent

Cc: William Bowden, Laurence Serra, Katie Babin, Elisabeth Luther, Steve Borcsok

**Attachments**

Figure 1 – Mary River Water Licence Monitoring Locations – Pre and Post Change 2026

**Table 1: Proposed Changes to SNP Stations at the Mary River Project**

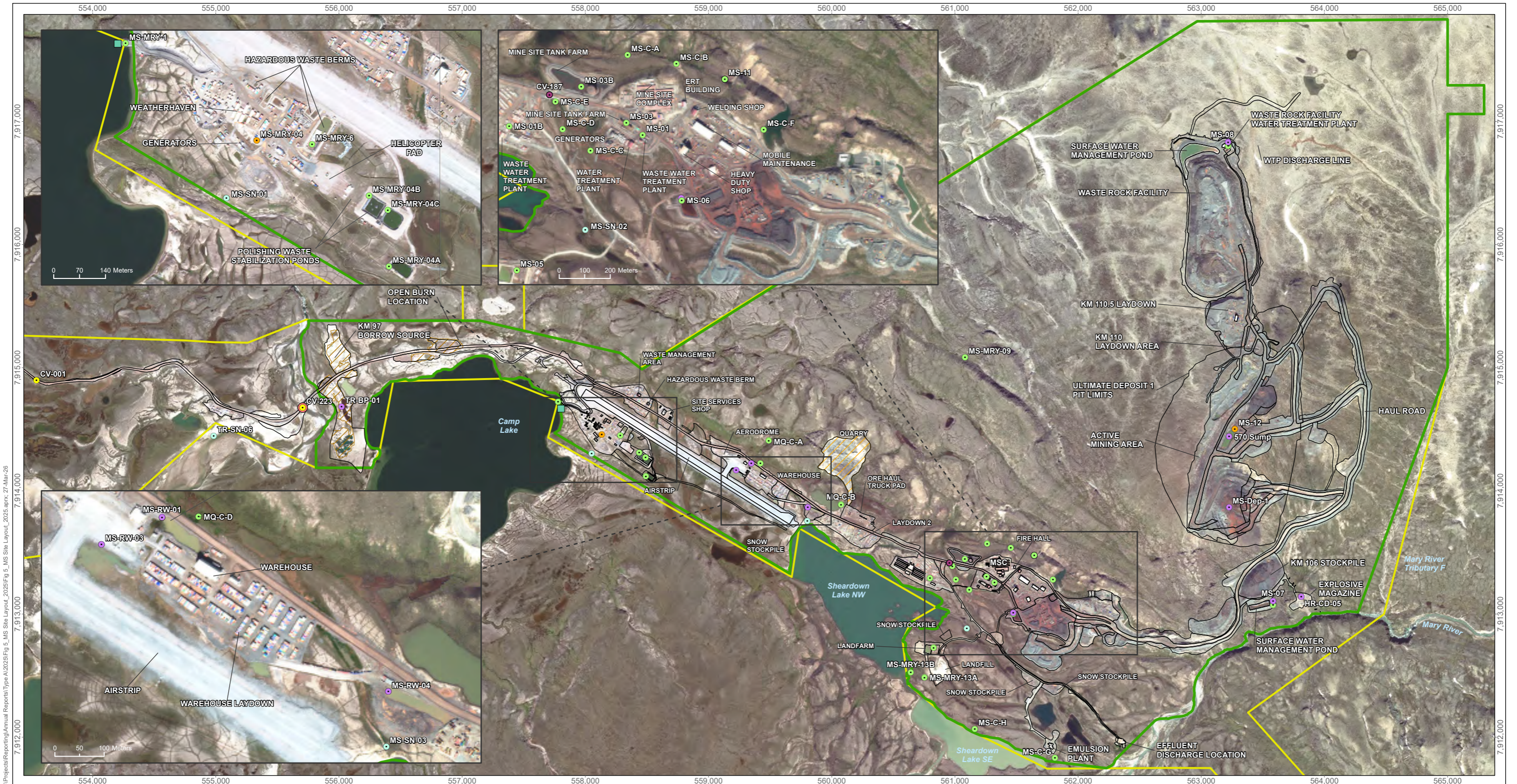
Station ID	Station Description	Current Location (NAD83, Zone 17W)		Proposed Change	Reason for Change
		Easting	Northing		
MS-12	Mining Area 570 Sump	-	-	New station to be located at: N71° 19' 25.04" W79° 19' 46.82"	Water will be captured in the 570 Sump and will be discharged towards Mary River when effluent discharge criteria are met, rather than pumping water to the Waste Rock Stockpile Pond

**Table 2: Addition to Type 'A' Water Licence Table 13 – Monitoring Program: Mary River Mine Site**










Station	Description	Phases	Monitoring Parameters	Frequency
MS-12	Mining Area 570 Sump	Operations	Groups 1 and 7	Once prior to discharge and monthly hereafter
			Group 3	Annually





**Attachment 1**

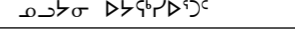
Mary River Water Licence Monitoring Locations – Post Change 2026



SAVED: C:\Users\Kristina.Petrus\Documents\Projects\Reporting\Annual Reports\Type A\2025\Fig 5\_Mine Site Layout\_2025.aprx; 27-Mar-26


	Borrow Area		Dust Suppression Water Sources
	Quarry Area		Domestic and Industrial Water Sources
	Project Development Area	<b>SNP Monitoring Station</b>	
	Commercial Lease Boundary		Active
	Infrastructure		Inactive



<b>Monitoring Location</b>		Recycled Water
		Snow Stockpile
		Tote Road
		Construction Monitoring


**MARY RIVER PROJECT**

**Mine Site Layout**

Projection: NAD 1983 UTM ZONE 17N.  
 Base Map: © 2025 PhotoSat Information Ltd.  
 Imagery and Infrastructure are representative as of July 2025.

  
 Scale 1:30,000



**FIGURE E12.1**