



# AGNICO EAGLE

## Memo

**To:** Kelly Olson (Sayisi Dene First Nation and Northlands Denesuline First Nation)

**From:** Jennifer Range (Agnico Eagle Mines Limited)

**CC:** NIRB

**Date:** January 19, 2023

**Subject:** Commitment 25 (SDFN/NDFN-TC-02) – Meliadine Extension Proposal

The following information is provided in response to Commitment 25 made by Agnico Eagle as part of the Meliadine Extension Proposal.

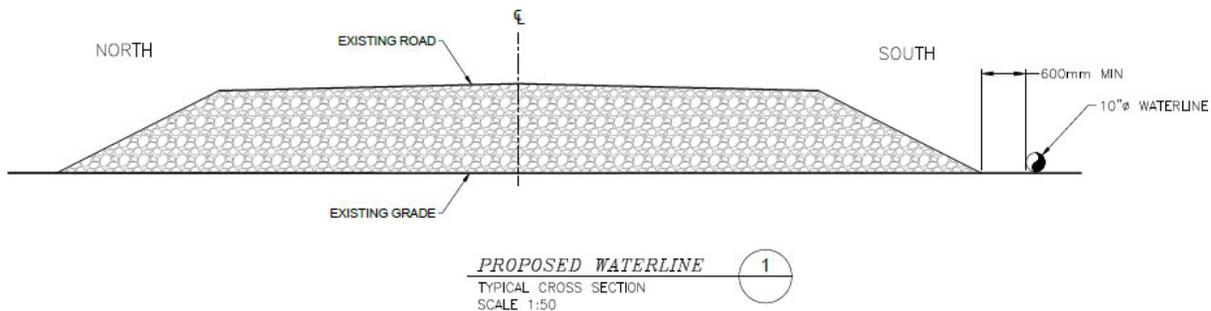
### Commitment Made:

Provide a schematic of the Discovery waterline and All-weather access road waterline connection.

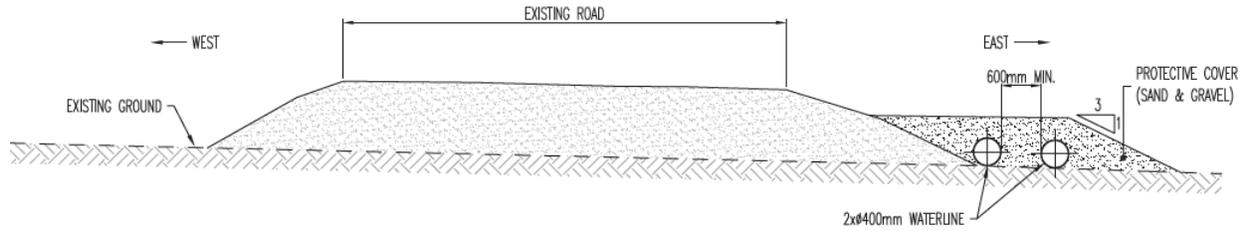
### Response by Agnico Eagle:

A schematic of the Discovery waterline and All-weather Access Road (AWAR) junction is attached to this response. The schematic shows the waterline which will run from Discovery to the AWAR (10" line) and would reduce to 8" from that point on to the saline water pond SP B7 at the Meliadine main site.

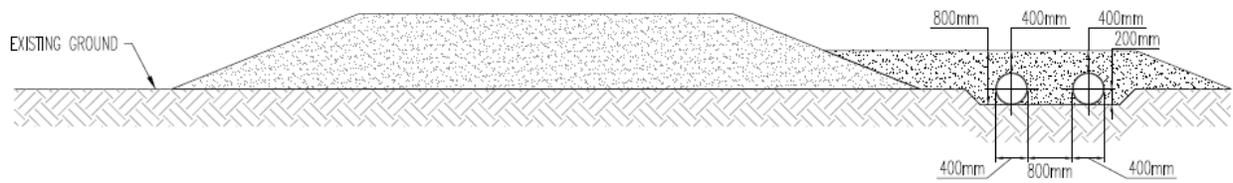
A typical cross-section for the Discovery waterline along the Discovery road is provided below.



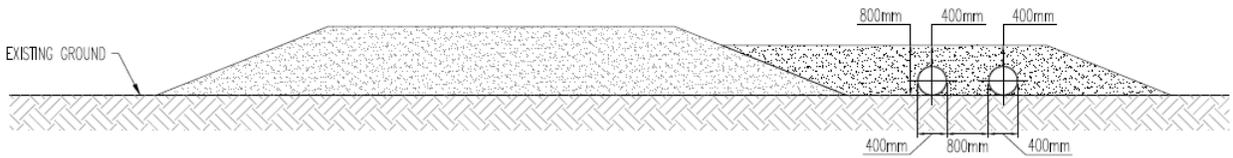
The design and concept of the Discovery waterline will remain consistent with the approved waterline (e.g., slopes [3:1], cover material, lower profile than existing road, protection at culverts) and is shown below.



Examples showing the design depending on site conditions are also provided below:



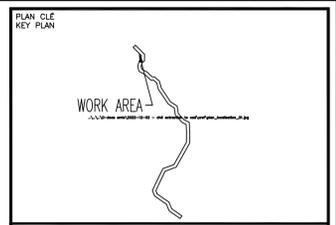
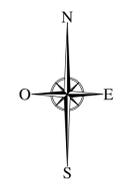
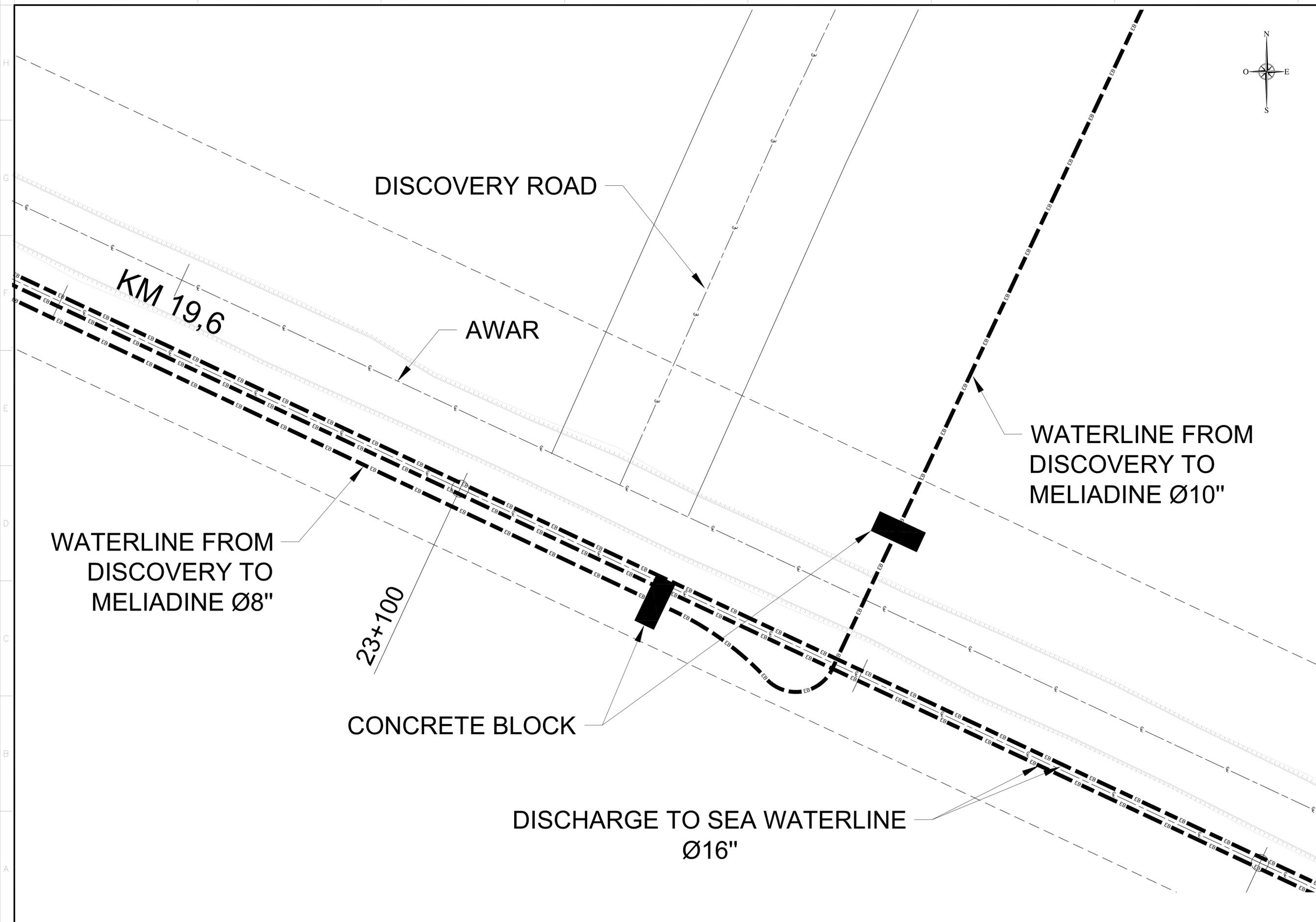
WELL DRAINED OVERBURDEN – ROAD EMBANKMENT TYPICAL SECTION 1  
 SCALE 1:50



ROCK SURFACE – ROAD EMBANKMENT TYPICAL SECTION 1  
 SCALE 1:50

Agnico Eagle reiterates its commitment to cover 80-90% of the Discovery waterline. As with the waterline along the AWAR, the decision basis for determining the cover locations is based on the following considerations:

- 1) The topography and underlying material in the location along the Discovery road
- 2) Water crossings
- 3) Feedback from the communities and the HTO in regard to key areas for caribou crossing
- 4) Access for waterline maintenance



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Projet No. : 674195

NOTES GÉNÉRALES / GENERAL NOTES

INFORMATION CONTENUE EST LA PROPRIÉTÉ DE AGNICO EAGLE LTD. ET NE DOIT ÊTRE RETENUE, REPRODUITE, NI COMMUNIQUÉE À UN TIERS SANS L'AUTORISATION ÉCRITE DE AGNICO EAGLE LTD. / L'INFORMATION CONTENUE EST LA PROPRIÉTÉ DE AGNICO EAGLE LTD. ET NE DOIT ÊTRE RETENUE, REPRODUITE, NI COMMUNIQUÉE À UN TIERS SANS L'AUTORISATION ÉCRITE DE AGNICO EAGLE LTD.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG.

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REV.	DATE	DESCRIPTION	PAR/ENR.	APP.	CLIENT
B	2023-01-18	ISSUED FOR SKETCH	D.L.-L.	I.G.	
A	2023-01-07	ISSUED FOR SKETCH	D.L.-L.	I.G.	

REVISIONS

REV.	DATE	DESCRIPTION	PAR/ENR.	APP.	CLIENT

TITRE / TITLE  
 AGNICO EAGLE - MELIADINE DIVISION  
 180 - SALINE EFFLUENT DISCHARGE SYSTEM  
 230 - GENERAK EARTH WORKS  
 PLAN  
 DISCHARGE TO SEA  
 WATERLINE FROM DISCOVERY

DESSINÉ PAR / DRAWN BY	DEBBY L-LANGELIER	DATE / DATE	2023-01-17
VERIFIÉ PAR / CHECKED BY	ISRAEL GAGNON, P.eng.	DATE / DATE	2023-01-17
APPROUVÉ PAR / APPROVED BY		DATE / DATE	2023-01-17

ÉCHELLE / SCALE: INDIQUE / INDICATED  
 NO. DESSIN / DRAWING NO.: (65-180-230-207\_R0)SKT001

NO. PROJET / PROJECT NO.		REVISION		FEUILLE / SHEET	
		B		1 / 1	