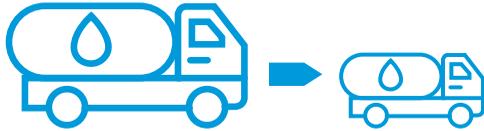


## WHY THE MELIADINE WATERLINE PROJECT?

### REDUCED TRUCK TRAFFIC ALONG THE ROAD.

There would be 20 to 40 less trucks on the road per day, this means less dust and less fuel being used.



### LESS WATER BEING RELEASED INTO MELIADINE LAKE.

Agnico Eagle is currently releasing around 14,000 m<sup>3</sup> per day of surface runoff water (rain and snow melt that touches our operations) into Meliadine Lake. Agnico Eagle is evaluating the opportunity of diverting some of that surface water to the Melvin Bay using the proposed waterline.



Itivia Fuel Storage

Proposed Diffuser Location



AGNICO EAGLE

## MELIADINE WATERLINE PROJECT



AGNICO EAGLE

 AEMMeadowbankComplex  
AEMMeliadine

More information and a translated version of this document can be found at our Rankin Inlet community office and on our website at [aemnunavut.ca](http://aemnunavut.ca)

## RANKIN INLET



## Agnico Eagle's Commitment to Public Engagement

Agnico Eagle Mines Nunavut Operations is committed to working in partnership with the communities in which we operate to establish mutually beneficial, cooperative and productive relationships. Our approach is characterized by effective two-way communication, consultation and partnering.

This document gives information on a proposed waterline project that has been submitted to the Nunavut Impact Review Board (NIRB). This proposed project would be an amendment to current Meliadine permits.

Our objective is to get your feedback on the proposed project and to work with you to make sure that your concerns are understood and considered as we develop and design the project. As the project progresses, we will keep you informed, listen to and acknowledge your concerns, and provide feedback on how your input influenced the project.

### For any questions or to express a concern?

You can reach our community representative at our Rankin Inlet office at :

- (867) 645-2920 ext.4603199
- [rankininlet@agnicoeagle.com](mailto:rankininlet@agnicoeagle.com)



### You can also express concerns using our Nunavut Community Complaints System – Tusaajugut

- 1-844-323-3002 (toll-free)
- [tusaajugut@agnicoeagle.com](mailto:tusaajugut@agnicoeagle.com)

## WATER MANAGEMENT AT MELIADINE

As we continue mine development at Meliadine, old seawater that has naturally been trapped underground over time is being released. This water is captured, stored, and treated at site.

In 2018, Agnico Eagle went through the Nunavut Impact Review Board process for the Saline Diffuser Project which was approved in 2019. This project allows Agnico Eagle to truck the treated salt water from Meliadine to Itivia in Rankin Inlet and then release it through a diffuser pipe into the Melvin Bay once it has met the required water quality criteria.

## THE PROPOSED MELIADINE WATERLINE PROJECT

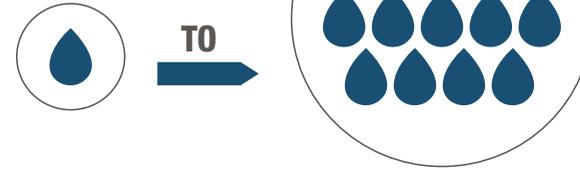
There is now more water coming from the underground operations than we can manage with our current truck transportation to Itivia.

The proposed project is to build a 34 kilometer (km) waterline along the eastern toe of the all-weather access road (AWAR) that goes from Meliadine, along the by-pass road to Itivia. Water would be stored at Meliadine and then would be released into the Melvin Bay during the summer months through a permanent diffuser pipe.

The waterline would be made of high density polyethylene (HDPE), a type of plastic. This is the same material as the Hamlet's waterline at Nipisar Lake. Agnico Eagle is proposing two 16 inch waterlines sitting on the land and

running along the all-weather access road. The proposed project would increase the amount of treated water being released into the Melvin Bay from the currently approved 800 - 1,600 cubic meters per day to 6,000 to 12,000 cubic meters per day. Agnico Eagle would like to discharge water between June and October.

800 - 1,600  
CUBIC METERS  
(M<sup>3</sup>) PER DAY



BETWEEN 6,000 TO 12,000 (M<sup>3</sup>) PER DAY  
(this is 1.6M – 3.2M US gallons per day)

## HOW MUCH WATER IS THAT?

The 2 tanks that have been built at Itivia are 13,500 m<sup>3</sup> and 20,000 m<sup>3</sup> (current fuel tanks). During discharge period, Agnico Eagle would want to release around 12,000 m<sup>3</sup> per day, however in years when there is more rain or snow fall, we would like to release between 6,000 to 12,000 cubic meters per day. To transport this amount of water by truck would require 150 to 300 trucks per day, this is why the waterline is being proposed instead of trucking.



## MELIADINE WATERLINE PROJECT FLOW

