

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

HOW MUCH WATER IS THAT?

The 2 tanks that have been built at Itivia are 13,500 m³ and 20,000 m³ (current fuel tanks).

Most days, Agnico Eagle would want to release around 12,000 m³ per day, however in years when there is more rain or snow fall, we may have to release more water.

To transport this amount of water by truck would require at least 300 trucks per day, this is why the waterline is being proposed instead of trucking.



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 at least 12,000 cubic meters per day. Agnico Eagle would like to discharge water between June and October.



AT LEAST 12,000 (M³) PER DAY
(this is around 3.2 million US gallons per day)

MELIADINE WATERLINE PROJECT FLOW

