



September 15<sup>th</sup>, 2022

Christine Wilson  
Water Resource Officer  
Kivalliq Region, Field Operations Unit  
Crown-Indigenous Relations and Northern Affairs Canada  
Rankin Inlet, NU  
X0C 0G0

Sent via email: [Christine.Wilson3@rcaanc-cirnac.gc.ca](mailto:Christine.Wilson3@rcaanc-cirnac.gc.ca)

## **Re.: Follow-up Report: Spill #2022425 – Release of 20 L of partially treated bionest Effluent at the Meliadine Gold Project**

On August 17<sup>th</sup>, 2022, the Nunavut Spill Line was notified by Agnico Eagle personnel via email ([spills@gov.nt.ca](mailto:spills@gov.nt.ca)) of a spill of approximately 20 L of partially treated bionest effluent at the Meliadine Gold Project Exploration Camp site (spill location coordinates: 63° 1' 44.00"N, 92° 10' 11.00"). Please note that this spill was originally reported under the Nunavut Water Licence 2AM-MEL1631 whereas it falls under the Nunavut Water Licence 2BB-MEL1424. This follow-up report provides supplemental information based on the results of the incident investigation and is being provided in accordance with:

- the Nunavut Water Board 2BB-MEL1424 Water License, Part H, Item 4c.

### **Description of Incident**

On August 16<sup>th</sup>, 2022, effluent inside the bionest vessel was found to be leaking through the bolt holes of the seacan the vessel is housed in. No water bodies were impacted by this spill. The closest water body (Meliadine Lake) is approximately 100 meters south as seen in Figure 1.



**Figure 1:** Location of partially treated bionest effluent spill and proximity to water bodies.

## Spill Response and Remediation

Upon discovery of the spill, sorbent pads and spill trays were placed under the bionest seacan to collect partially treated effluent and a vacuum truck was used to ensure the spill trays did not overflow. A frost fighter was used to thaw the remaining partially treated effluent and a vacuum truck removed the liquid as it thawed. The recovered material was processed through the Meliadine sewage treatment plant.



After removal of the bionest seacans an inspection of the area under the seacan will be completed to determine if further remediation is required.

## Root Causes and Corrective Measures

An investigation was conducted soon after the incident occurred to determine the root cause and contributing factors for this incident. The investigation concluded with the following:

- Improper shut down and winterization of the Exploration sewage treatment plant.

The following corrective and preventative actions have been implemented to address the root causes and to reduce the likelihood of reoccurrence:

- The bionest secans have been proper drained and are now ready for removal from the Exploration camp as part of the Exploration camp clean up.

Should you have any questions or require further information, please do not hesitate to contact the undersigned.



**Brett Fairbairn** | Environment Coordinator

[brett.fairbairn@agnicoeagle.com](mailto:brett.fairbairn@agnicoeagle.com) | Direct 819.759.3555 x4603996 |

Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut,  
Canada X0C 0G0

[agnicoeagle.com](http://agnicoeagle.com)     

Sent from Meliadine



## **Appendix – Photos**



**Photo 1:** Bionest partially treated Effluent spill



**Photo 2:** Bionest partially treated Effluent spill collection