



# Agnico Eagle Mines Limited's “Saline Effluent Discharge to the Marine Environment” Project

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**Presentation to the  
Nunavut Impact Review Board**  
Public Hearings, Rankin Inlet, NU  
June 14-17, 2021



# Overview of Presentation

1. Fisheries and Oceans Canada (DFO)  
Fish and Fish Habitat Protection Program's  
Mandate
2. Final Comment Submission and  
Recommendations
3. Conclusions
4. Questions and Comments

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# DFO - Fish and Fish Habitat Protection Program Mandate

The **mandate** of the Fish and Fish Habitat Protection Program is to conserve and protect fish and fish habitat.

Sub-Section 34.4 (1) of the Fisheries Act states that:  
*“No person shall carry on any work, undertaking or activity, other than fishing, that results in the death of fish.”*



# DFO - Fish and Fish Habitat Protection Program Mandate (continued)

The **mandate** of the Fish and Fish Habitat Protection Program is to conserve and protect fish and fish habitat.

Sub-Section 35 (1) of the Fisheries Act states that,  
*“No person shall carry on any work, undertaking or activity that results in the harmful alterations, disruption or destruction of fish habitat.”*



# Final Written Submission & Recommendations

Fisheries and Oceans Canada's provided two Technical Comments:

## **1. Waterline Installation**

- DFO indicated the preference of installation of fish-friendly waterline crossing.

## **2. Construction/Installation of Discharge Waterline and Diffuser**

- DFO requested that the proponent provide a Request for Review for the proposed waterline installation into Melvin Bay.



# Waterline Installation

- AEM indicated to have the waterline run directly under and secured to existing bridges
  - Avoiding disturbance to fish and fish habitat
- Crossings not supported by bridges, AEM proposed to bridge the waterline using concrete blocks as anchor points on the bank

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# Waterline Installation - Recommendations

DFO considers this issue resolved and encourages AEM to engage with DFO to avoid disturbance to fish and fish habitat.

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# Construction/Installation of Discharge Waterline and Diffuser

- DFO requested that AEM submit a Request for Review (RFR) for the proposed work
  - November 20, 2020- AEM submitted their RFR to DFO.
- AEM confirmed that Horizontal Directional Drilling will be used to install the new waterline.
- DFO is currently reviewing the Request For Review and views Horizontal Directional Drilling as low-impact to fish and fish habitat.



# Construction/Installation of Discharge Waterline and Diffuser-Recommendations

- DFO considers this issue resolved.
- DFO is currently reviewing the Request for Review and will continue to work with AEM throughout the regulatory review process.



# Conclusion

Fisheries and Oceans Canada considers both technical comments resolved

Fisheries and Oceans Canada will continue to work with the AEM and partners, including potentially impacted communities, to ensure that:

- Concerns related to Waterline Installation and Construction/Installation of Discharge Waterline and Diffuser are addressed; and,
- Appropriate mitigation measures, follow-up, and monitoring programs are implemented



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