Meliadine Mine Extension Project Water License Amendments

Presentation by
Fisheries and Oceans Canada to the
Nunavut Water Board
Technical meeting
Rankin Inlet, NU
October 12-13, 2023

Lake Laberge, Yukon Territory, Canada. Shutterstock

DFO Mandate and Legislation

- Protect **all fish and fish habitat** in Canada
- *Fisheries Act* – No death of fish and changing/destroying fish habitat
- *Species at Risk Act* – protect, recover, and conserve all listed aquatic species

Fisheries and Oceans Canada

Pêches et Océans Canada

Comments & Recommendations

5 Technical Comments:

1. Baseline information on fish and fish habitat
2. Impact of flow and water level changes on fish habitat
3. Watercourse crossings
4. Mitigation for watershed A and B
5. Fish Offsetting Plan

DFO-TRC-01
Baseline information on fish and fish habitat

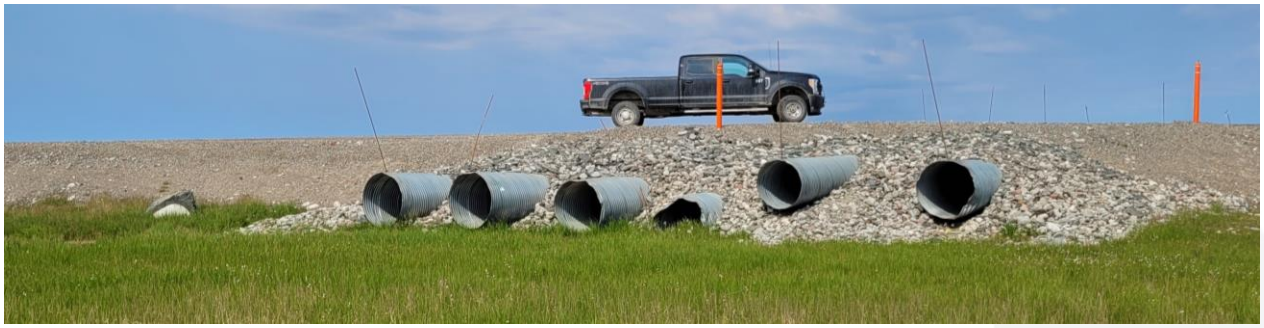
- Baseline information on fish and fish habitat
- Little information on spawning, overwintering, rearing habitat and migration
- **Resolved with commitment**

DFO-TRC-02
Impact of flow and water level changes on fish habitat

- Low water levels can stop fish from accessing habitat
- Impact of lower water levels on fish habitat is unknown
- **Outstanding**

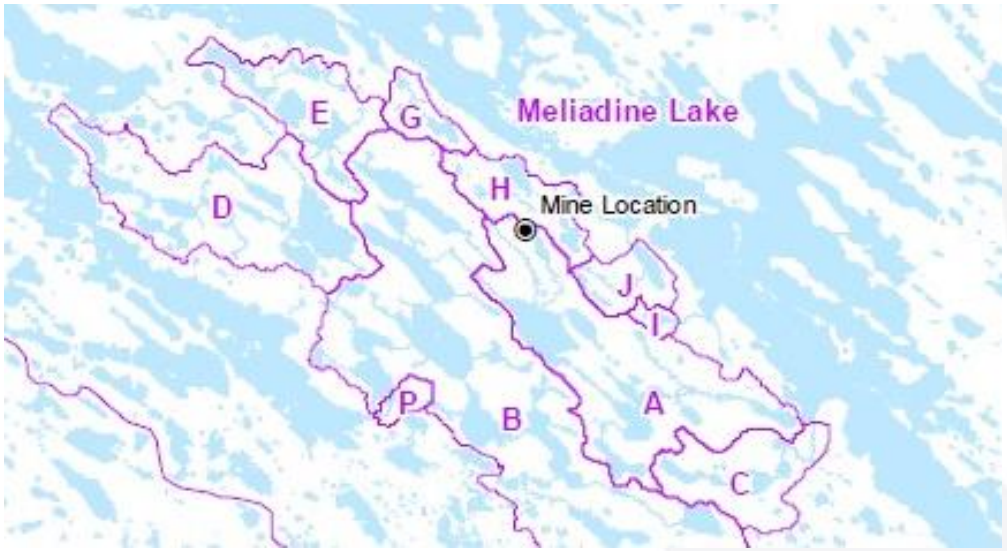
DFO-TRC-03
Watercourse crossings

- Identification of fish bearing streams and type of crossing
- Current water crossing construction practices are high risk to fish passage
- **Outstanding**



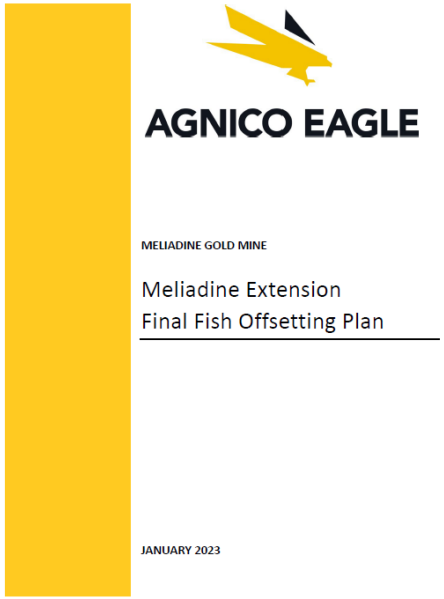
DFO-TRC-04
Mitigation for Watershed A and B

- Maintain water levels
- Watershed A and B have habitat for Arctic Char and Arctic Grayling spawning
- Hierarchy of measures
  - Avoidance
  - Mitigation
  - Offsetting
- **Outstanding**



DFO-TRC-05
Fish Offsetting Plan

- Fisheries and Oceans requests that Agnico Eagle provide the most up-to-date fish offsetting plan reflecting the work that was done with Fisheries and Oceans and Environment and Climate Change Canada.
- **Resolved with commitment**



Conclusion

- ***5*** Technical Review Comments
- **3** outstanding
- **2** resolved with commitment

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