



AGNICO EAGLE

MEADOWBANK DIVISION

Meadowbank and Whale Tail Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan

APRIL 2019
VERSION 4_NWB

EXECUTIVE SUMMARY

Agnico Eagle is proposing an expansion to the Whale Tail Pit and Haul Road Project (Approved Project). As an expansion to the Approved Project (Nunavut Impact Review Board (NIRB) Project Certificate No. 008 and Nunavut Water Board (NWB) Type A Water License 2AM-WTP1826), Agnico Eagle is proposing to expand and extend the Whale Tail Pit operations (the Expansion Project or the Project) to include a larger Whale Tail open pit, development of the IVR open pit, and underground operations while continuing to operate and process ore at the Meadowbank Mine. This document provides the details for the Meadowbank and Whale Tail Pit Bulk Fuel Storage Facility Environmental Performance Monitoring Plan required by Water License 2AM-WTP1826 Part B, Item 14(b).

One 5.6 million liter bulk fuel storage tank was constructed to provide diesel fuel for routine operations at the Meadowbank mine site, one 1.5 ML tank was built for a total of 2,125,000 L that was/will be installed as part of the Whale Tail Approved Project. In addition, Agnico Eagle is proposing to add 500,000L to the Whale Tail bulk fuel storage facility and a total of 700,000L in different locations (i.e Vent raises, Underground powerplant, Cement Rockfill Plant, Saline Water Treatment Facilities) as part of the Expansion Project.

This plan has been updated in support of the Nunavut Water Board (NWB) review process.

To adequately assess the environmental performance of the bulk fuel storage tank at Meadowbank and Whale Tail Pit, and the construction and operation of the proposed tank farm as part of the expansion project, this report provides: a summary of the design, installation, operation and maintenance that follows the CCME (2003) Environmental Code of Practice for Aboveground Storage Tank Systems Containing Petroleum and Allied Petroleum Products; a summary of the location and environmental setting; a summary of the NWB Type A water license requirements; and an environmental assessment to support the recommended environmental monitoring for the ongoing evaluation of the secondary containment.

IMPLEMENTATION SCHEDULE

As required by Water Licence 2AM-MEA1526 and 2AM-WTP1826, and with this Plan being updated and expanded to include the Expansion Project, the proposed implementation schedule for this Plan is effective upon approval and subject to any modifications proposed by the NIRB and NWB as a result of the review and approval process.

DISTRIBUTION LIST

Agnico Eagle – General Mine Manager

Agnico Eagle – Environment Superintendent

Agnico Eagle – General Supervisor

Agnico Eagle – Environmental Coordinator

Agnico Eagle – Environmental Technician

Agnico Eagle – Energy and Infrastructures Superintendent

Agnico Eagle – Field Services Supervisor

Agnico Eagle – Warehouse Supervisor

Agnico Eagle – Whale Tail Open Pit Manager

DOCUMENT CONTROL

Version	Date (YMD)	Section	Page	Revision
1	09/12/22			Comprehensive plan for Meadowbank Bulk Fuel Storage Facility
2	14/06/30			Comprehensive review of the plan
3	16/06/02			Addition of the Whale Tail Pit site and Whale Tail Pit haul road to the Plan
4_NIRB	18/12/15	All	All	Meadowbank and Whale Tail Bulk Fuel Storage Facilities: Environmental Performance Monitoring Plan as Supporting Document submitted to Nunavut Impact Review Board for review and approval as part of Whale Tail Pit – Expansion Project
4_NWB	19/4/18	All	All	Meadowbank and Whale Tail Bulk Fuel Storage Facilities: Environmental Performance Monitoring Plan as Supporting Document submitted to the Nunavut Water Board for review and approval as part of Whale Tail Pit – Expansion Project. Added details on fuel storage location to address KivIA-IR-25 and NIRB-IR-003.

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SECTION 1. INTRODUCTION

Agnico Eagle Mines Limited – Meadowbank Division (Agnico Eagle) is operating the Meadowbank Gold Project and Whale Tail Pit (a Meadowbank satellite deposit located on the Amaruq property). The Meadowbank Project includes the Baker Lake Marshalling Area, the All-weather Access Road (AWAR), the Meadowbank Mine site, the Whale Tail pit, and the Whale Tail Pit Haul Road. Agnico Eagle is proposing an expansion to the Whale Tail Pit and Haul Road Project (Approved Project). As an expansion to the Approved Project (Nunavut Impact Review Board (NIRB) Project Certificate No. 008 and Nunavut Water Board (NWB) Type A Water License 2AM-WTP1826), Agnico Eagle is proposing to expand and extend the Whale Tail Pit operations (the Expansion Project or the Project) to include a larger Whale Tail open pit, development of the IVR open pit, and underground operations while continuing to operate and process ore at the Meadowbank Mine.

One 5.6 million liter bulk fuel storage tank was constructed to provide diesel fuel for routine operations at the Meadowbank mine site, one 1.5 ML tank was built for a total of 2,125,000 L that was/will be installed as part of the Approved Project. In addition, Agnico Eagle is proposing to add 500,000L to the Whale Tail bulk fuel storage facility and a total of 700,000L in different locations (i.e Vent raises, Underground Powerplant, Cement Rockfill Plant, Saline Water Treatment Facilities) as part of the Expansion Project.

This plan has been updated in support of the Nunavut Water Board (NWB) review process.

To adequately assess the environmental performance of the bulk fuel storage tanks at Meadowbank and Whale Tail this report provides:

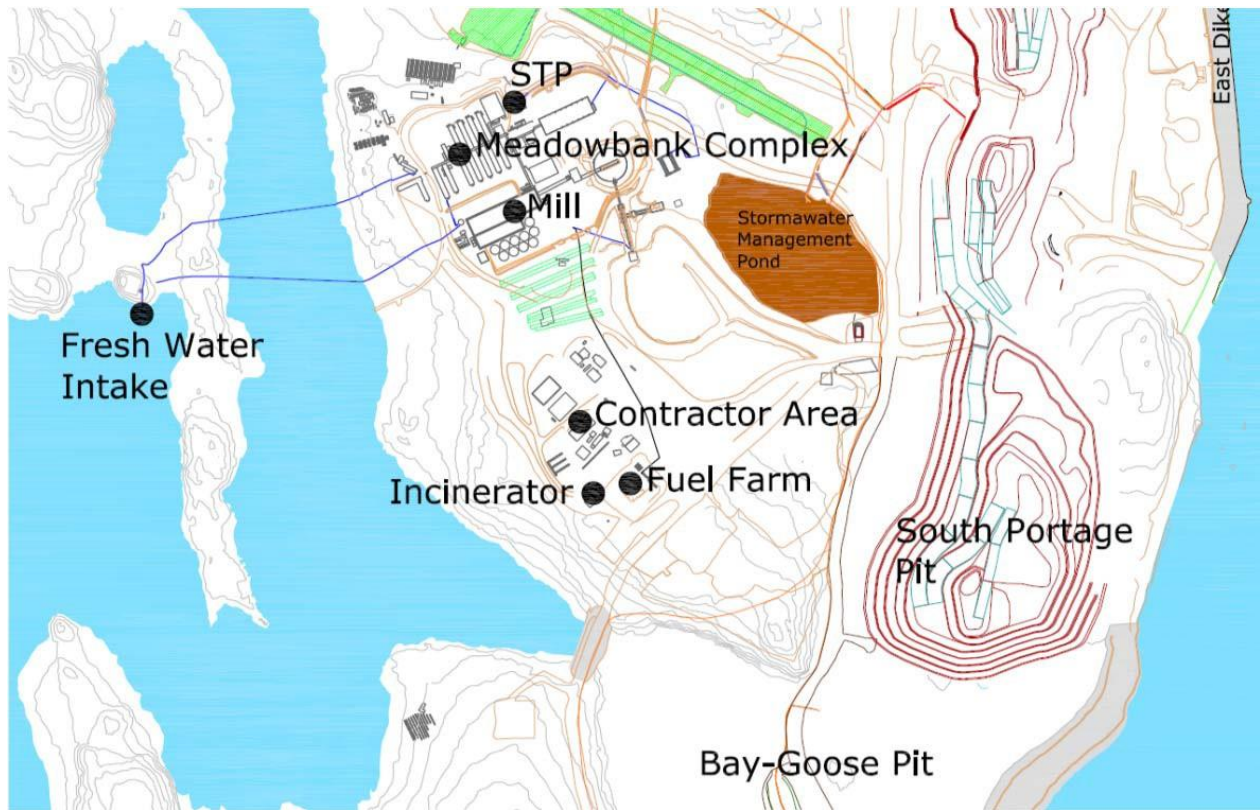
- a summary of the design, installation, operation and maintenance that follows the CCME (2003) Environmental Code of Practice for Aboveground Storage Tank Systems Containing Petroleum and Allied Petroleum Products;
- a summary of the location and environmental setting;
- a summary of the NWB Type A water license 2AM-WTP1826 requirements; and
- an environmental assessment to support the recommended environmental monitoring for the ongoing evaluation of the secondary containment.

SECTION 2. SITE LOCATION, CONSTRUCTION AND OPERATION

2.1 SITE LOCATION

The Meadowbank Bulk Fuel Storage Facility is located at Meadowbank, east of the main camp facilities adjacent to the mine operations haul road. There is one (1) above ground storage tank with approximately 5.6 million liters capacity. The GPS coordinates of the facility is NAD83 14W E 0638083 N 7214288. The general location of the tank farm is provided in Figure 2-1 below.

Figure 2-1. Location Meadowbank Tank Farm



The Whale Tail Fuel Storage Facility is located at the Whale Tail satellite open pit, approximately 50 km west of the Meadowbank site. One 1.5 ML tank was built. The tank is in a bermed and lined area and its location is shown in Figure 2-2.