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Building Nunavut Together
Nunavutluqatigiingniq
Bâtir le Nunavut ensemble

Remedial Action Plan

This form is to be completed by the responsible party of a spill or by an organization designated to do so on their behalf. This form must be completed and submitted to the Department of Environment by the date set on page 5. It can be returned to the local Conservation Officer or sent to the appropriate Environmental Protection Officer (EPO) at the at the contact information provided.

If you need more space, attach extra pages as required. Please include diagrams and pictures as well.

This form will be used as a remediation plan as outlined in the *Property Owner's Guide to Contaminated Site Remediation in Nunavut* produced by the Government of Nunavut. Any changes can be submitted to the Department of Environment.

PART 1: Contact information

Responsible Party:

Agnico Eagle Mines (AEM), Arctic Fuels Ltd (AEM Contractor).

In the case of an organization, the primary and secondary people of contact are:

Kevin Buck, Env. Assistant Superintendent, Meadowbank
Erika Voyer, Env. Coordinator, Meadowbank

Contact Phone numbers:

Primary: 1-819-759-3555 ext 6838
Secondary: 1-819-759-3555 ext 6980

e-mail addresses:

Primary: kevin.buck@agnicoeagle.com
Secondary: erika.voyer@agnicoeagle.com

PART 2: Spill details and containment

Product released: Diesel Fuel

Date of release: May 21st, 2015 (16h40 CT)

Spill Report # (If known): 15-215

Estimated quantity released: approximately 250 L(maximum)

Explain how you estimated the quantity released:

The quantity of diesel fuel spilled was estimated with an approximate flow rate from the overflow pipe and the estimated time the fuel overflow occurred:

(Full overflow) 75 sec * 2.5L/sec = 187.5 L + (Slower overflow) 40 sec * 1.5L/sec = 60 L

Estimated total = 247.5 L → (roundup) 250 L

Size of area affected (m² or ft²):

Approximately 6 to 7m² (in the spill report transmitted to the Spill Line on May 21st by AEM (#15-215), the affected area reported was 25 m² which was conservative at that time).

Describe any water courses in the spill area that need to be taken into consideration:

The Baker Lake Fuel Tank Farm is not located close to any water body. There was no off site impact or discharge to any receiving watercourses. It is important to note that the area of refueling where the spill occurred is lined with a geomembrane underneath the backfilled ground. The spill was confined to that area. Refer to Figures 1 and 2 below providing the location of the Baker Lake Tank Farm.

What courses of action have been taken, or will be taken in order to prevent the released product from spreading further:

The area of refueling where the spill occurred at the Baker Lake Fuel Farm is lined with a geomembrane underneath the backfilled ground. The spill was confined to that area and did not spread further. Immediately after the spill, absorbent pads were placed over the contaminated area to avoid the fuel from spreading.

Diagram or other information:

Figure 1: General Location of Baker Lake Bulk Fuel Storage Facilities

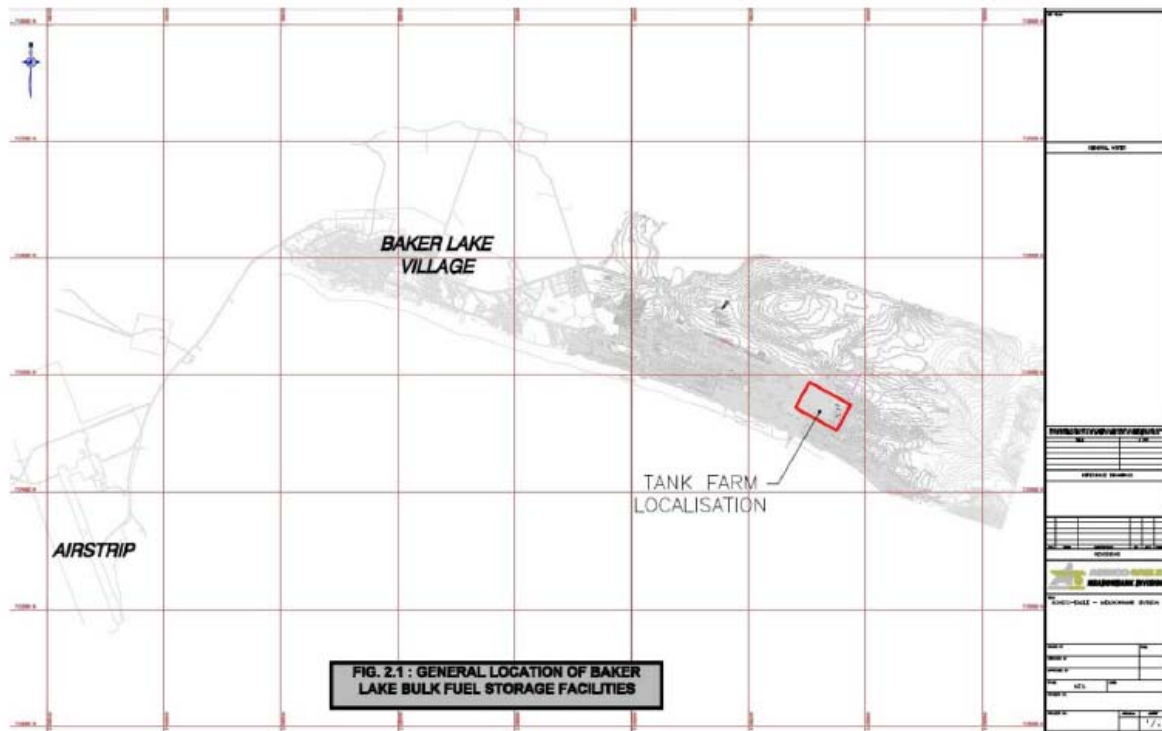
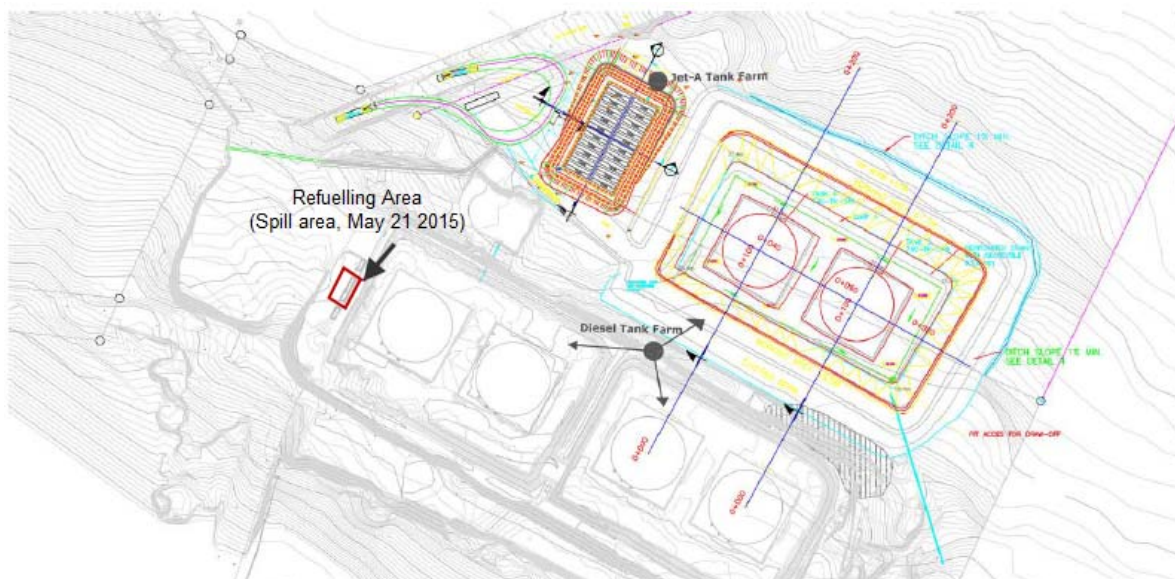


Figure 2: Baker Lake Bulk Fuel Storage Facility Site Layout and General Spill Area (May 21, 2015)





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See attached AEM Report “*May 21st, 2015 Baker Lake Tank Farm Spill Clean-up and Follow-up Actions*”.

The party deemed responsible for the spill must ensure that a proper clean-up is conducted. This party, be it an individual or an organization, is encouraged to seek qualified people if required to properly fulfill its duties. It is often much easier and cheaper in the long run, to seek professional advice.

The cleanup and remediation activities related to the May 21, 2015 spill at the Baker Lake Tank Farm were completed by the Environment department of Meadowbank with support from Arctic Fuels (AEM Contractor) and Meadowbank Site Services Department. The activities were overseen by a qualified environmental technician and the Meadowbank Environmental Coordinator.

The cleanup and remediation activities are described in details in the attached AEM report *"May 21st, 2015 Baker Lake Tank Farm Spill clean-up and Follow-up Actions"*.

As a result of the spill at the Baker Lake Tank farm refueling area, approximately 1.0 m³ of contaminated soil has been brought on May 26 2015 to the Meadowbank site to be placed in the approved landfarm for soil remediation. Absorbent pads will be placed in the onsite Meadowbank incinerator. The quick action taken ensured that contaminated soil and the affected area was kept to a minimum. For safety reasons and in order to continue operations at the Baker Lake Tank Farm refueling area, as well as to avoid water accumulation in the excavated area, the area was backfilled after the excavation.

Not applicable.

No difficulties were encountered during the cleanup and remediation activities.

Date: Completed on May 23, 2015 – by AEM Meadowbank Environment department with the support of Arctic Fuels (AEM Contractor)

Date: Started on May 21, 2015

The remediation work will be completed no later than:

Date: Completed on May 23, 2015

Diagram or other information:

See attached AEM Report *“May 21st, 2015 Baker Lake Tank Farm Spill Clean-up and Follow-up Actions”*.



Please submit this form to your local Conservation Officer or to the regional Environmental Protection Officer by:

Date: June 5 2015 (to be completed by DoE staff) **DoE**

Contacts:Kivalliq Region

EPO Alain Chouinard
Phone: 867-857-2828
Fax: 867-857-2986
e-mail: AChouinard@gov.nu.ca

Kitikmeot Region

EPO Alex Brisco
Phone: 867-975-7726
Fax: 867-975-7742
e-mail: MBrisco@gov.nu.ca

North Qikiqtaaluk Region

EPO David Mablick
Phone: 867-899-8035
Fax: 867-899-8071
e-mail: DMablick@gov.nu.ca

South Qikiqtaaluk Region

EPO Alex Brisco
Phone: 867-975-7726
Fax: 867-975-7742
e-mail: MBrisco@gov.nu.ca

DoE Headquarters (Iqaluit):

Phone: 867-975-7700
Fax: 867-975-7742
e-mail: environment@gov.nu.ca

The responsible party is committed to undertaking the work described above and will have the work completed by the dates provided. Any changes will be submitted to the Department of Environment for approval. This form has been completed by:

Name: Erika Voyer, Environmental Coordinator, Meadowbank

Signature: 

Date: May 29, 2015