



**AGNICO EAGLE**

**AMARUQ GOLD PROJECT**

**Spill during Fuel Transfer**

**Incident August 6, 2015**

**Water licence # 2BE-MEA1318**

**Commercial lease KIA # KVCL314C01**

## DOCUMENT CONTROL

Version	Date (YMD)	Revision	Issued by
1	2015/08/25	Document creation for submission	David Frenette

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### **Spill incident description**

On August 6, 2015, at 5:30 pm, a diesel fuel spill occurred on the fuel tank farm area. The spill occurred during a fuel transfer between two tanks when a hose disconnected. Approximately 1500 liters of diesel fuel spilled on the ground. The area for the fuel transfer where the spill occurred, has a preventive barrier trench in the middle of the fuel farm. The nearest body of water is located 140 meters from the spill and no connection risk was present. The spill was reported on August 7.

### **August 6, first actions taken**

As soon as the spill was stopped, the fuel transfer operator deployed absorbent pads and booms over the contaminated area. All the supervisory team was alerted and a team was deployed to ensure that the spill was contained within defined area. To support the Amaruq team, a Meadowbank environment technician and a coordinator were transported to Amaruq around 8:40 pm. The area was inspected and the work continued to recover the fuel.

A trench (10m x 1m) was dug in the middle of the spill area and about 1m<sup>3</sup> of contaminated soil was disposed of in quatrex bags. Absorbent was installed in the trench to absorb as much free fuel as possible.

### **August 7**

A team continued to dig using hand shovels to recover the contaminated soil and about 6m<sup>3</sup> was excavated. Another trench was dug in front of the fuel tanks to catch any fuel resurgence and ensure the containment of the fuel within a defined area. All the absorbent pads and booms used during this operation were placed in quatrex bags and drums. The contaminated soils were also placed in quatrex bags.

On the pictures below, the contamination zone is located between the tanks and it was not possible to excavate the entire zone due to the full fuel tanks. The contaminated zone was at this time confined.

### **August 9-16**

An AEM Environmental Technician inspected the zones, all the absorbents were changed and there is not much visible diesel in the area. The trenches were left open to catch any potential leak and to prevent the contaminated area to expand. A site service crew, continued digging between the tanks area to catch some moist points.

## Location of the spill area



## Pictures August 6

1. Spill area at 5:40 pm, August 6



2. Main spill area East direction



3. Spill response team Meadowbank/Amaruq



4. A Trench was dug on the night shift



## Pictures August 7

5. Scraping and shoveling the contaminated tundra/soil.



6. Trench to stop plume



7. Quatrex and drums full of used absorbent



8. Soil contaminated disposed in Quatrex



## Pictures August 8

9. The fuel never migrated up to the center interception trench



10. Peat moss was disposed all over the excavated zone to absorb free fuel if present.



### Next Actions

The next actions to decontaminate the area will be to move 4 fuel tanks and excavate the contaminated soil that is located under. On August 26, the 4 tanks were moved and the contaminated soil containment basin was under construction. The berm will be constructed using HDPE liner to ensure containment of the contact water and correct disposal. The excavation of the soil is planned to start in September and will be done using a backhoe. The contaminated soil will be stored in a temporary berm that will be constructed to store this soil.