



Meadowbank Division

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By Manager of Licensing at 10:27 am, Aug 19, 2011

Environment Department

Spill at km 34

Dated: August 19, 2011

Personnel: Martin Theriault

Introduction:

On August 19, around 20:00 o'clock, a tractor trailer loaded with two sea cans of oil flip on his side (see picture #1). The first sea can was containing 18 totes (1,000 L) of engine oil (Ralube 40) and the second one was containing 9 totes of engine oil (Ralube 40) and 8 skid of pails (20L) of roc drill oil ARDEE 32. In total, 32,760 L of oil was in the two sea cans. The material in the sea-cans were damage and leaked out of there containment. The environmental department helped by Emergency Response Team when on site to manage the situation.

Description:

The first responders arrived on site secured the location and contained the spreading of the oil with secondary containment and absorbent boom. Most of the oil was recuperated with pales and transfer into drums. Once the crane arrived on site, we put the sea-cans back up on big secondary containments. Then, the oil from the damage totes (cubic meter totes) and pales got transfer with pumps and compressors into adequate containments and put in another sea-can for transportation. We recuperated 21,700L of oil. During that time, other people were cleaning up the contamination with absorbent rags (picture #2 and #3). We estimated that 11,060L of oil were spill on the ground. No water body was affected by this spill.

Once the material got picked-up and shipped, the environmental team started the excavation of the contaminated soil with a 345 shovel and a loading unit. Because of the thickness of the oil, most of the material got stuck at the surface. The hydraulic shovel dogged into the roc until no contamination could be found (picture #4 and #5). Around 100 m3 of contaminated material got ship in the quarry 5 and store in onto tarps (see picture #6).

Conclusion:

During the event, the leaking got contained avoiding the contamination to spread further in the tundra. The product got transfer into safe containment and ship back to the mine site. The oil that went in the ground before the intervention of the environmental crew got excavated and disposed in a proper location onto seal tarp.



Picture #1 Accident before intervention



Picture #2 Leaking contained with secondary containment and absorbent booms



Picture #3 Damage sea-can put on the big secondary containment



Picture #4 Excavation of the material



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Picture #5 Excavation of the material



Picture #6 Storage of the contaminated soil on tarps