

## MVLWB Permits

---

**From:** Tyree Mullaney <tyree@mvlwb.com>  
**Sent:** Tuesday, May 27, 2014 3:32 PM  
**To:** 'MVLWB Permits'  
**Subject:** FW: Fwd: Giant Mine Spill Report

MV2012L8-0010 – AANDC CARD – Giant – Giant Mine Spill Report – Correspondence

Reports and studies – Spill Reports

Thanks

T

---

**From:** Jane Amphlett [<mailto:Jane.Amphlett@aandc-aadnc.gc.ca>]  
**Sent:** May 27, 2014 3:20 PM  
**To:** Adrian Paradis; [Erika Nyyssonen@gov.nt.ca](mailto:Erika.Nyyssonen@gov.nt.ca); kevin o'reilly  
**Cc:** Stephen Traynor; [tyree@mvlwb.com](mailto:tyree@mvlwb.com); [kkronstal@yellowknife.ca](mailto:kkronstal@yellowknife.ca); [jblack@ykdene.com](mailto:jblack@ykdene.com); [tslack@ykdene.com](mailto:tslack@ykdene.com)  
**Subject:** Re: Fwd: Giant Mine Spill Report

Kevin,

The spill was a small amount (62 litres) of waste water. The amount that spilled was below the reportable limit of 100 litres, a threshold that is set out in the *Spill Reporting Protocol for Mining Operations* (AANDC, 2004), however samples were sent to the lab as a precautionary measure. These types of spills are included in the monthly roaster report which is distributed to the Mackenzie Valley Land and Water Board and to the parties. Upon having received the lab results which showed that arsenic was present in the waste water, although not a reportable spill, this incident was also reported to the NT spill line to ensure transparency.

The wastewater treatment system is described in the approved Waste Management Plan. The roaster operation uses both potable water and water from the polishing pond. Waste water from roaster operations is treated for hydrocarbons and asbestos and then transferred to a holding tank. The water is then transferred to the Northwest tailings pond where it undergoes further treatment in the Giant water treatment plant prior to discharge. The spill occurred from the treated holding tank at the roaster site. The spill was contained, and there was/is no threat to Baker Creek or the receiving environment.

As indicated above, we reported this spill to be transparent and all spills are included in the monthly board report. We are working with the AANDC Lands department to ensure they have all the required information to close out the incident report.

Thanks  
Jane

>>> kevin o'reilly <[kor@theedge.ca](mailto:kor@theedge.ca)> 5/26/2014 11:10 PM >>>  
Jane/Erika/Adrian

I recently obtained the attached spill report for a 62 litre spill of treated wastewater from the Roaster Wastewater Treatment Plant. The arsenic was reported to be almost 300 ppm, well above the old water licence limit.

1. Why did it take Tervita and/or Parsons over a week to report this spill?
  2. Please provide the precise location of the spill. Is it the holding tank or wastewater system as described in the the approved Roaster Waste Management Plan, s. 3.1.3?
  3. Where is the source of this wastewater and why is it contaminated with arsenic? Was this water from the polishing pond and/or the deconstruction activities?
  4. Where does this wastewater go and is it treated further to reduce or dilute it to the old water licence limits?
- 5.1 Is there a clean-up or remediation plan for this spill (please provide a copy) and when will it be carried out?

Thanks and I look forward to your responses.

Kevin O'Reilly  
Alternatives North