

# Follow Up Report: #20-164

## June 3<sup>rd</sup> 2020, Saline Water Spill



The following information refers to spill 20-164 reported by Agnico Eagle Mines Ltd. June 4<sup>th</sup> 2020, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

### Description of Incident:

On June 3<sup>rd</sup>, at approximately 6:00 pm, an estimated 10 m<sup>3</sup> of surface water run-off was spilled as water was being conveyed via a waterline in preparation for freshet. An accidental release occurred from a cracked flange, resulting in water spilling to the ground and flowing towards Containment Pond 6 (CP6). No water migrated off-site. The closest water body is approximately 480 m away. The coordinates of the spill are 63° 1'39.00"N, 92°12'11.00"W (Figure 1).



Figure 1: Location of spill.

### Spill Response & Cleanup:

No clean-up was required as the surface water flowed back into CP6, which is part of the sites' managed water system. The source of the surface water run-off was CP5 which is a licensed compliance monitoring location (Mel-22). A sample was collected from Mel-22 at the time of the spill, and showed no results of concern (Table 1). The flange was repaired and pumping continued.

Table 1: MEL-22 water quality analysis collected 3 June 2020

Parameter	Result	Unit
Total Ammonia	2.7	mg/L
Conductivity	620	umho/cm
Total Dissolved Solids	385	mg/L
Total Suspended Solids	18	mg/L
Total Oil and Grease	<0.50	mg/L

## Corrective Measures





The Energy and Infrastructure department replaced the cracked flange and completed a full inspection of the line prior to start-up. When the line was brought back into service, Mine personnel remained at the point of the spill to ensure that the replaced flange was operating properly. No issues were observed.



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