

## Follow Up Report – 18-287

### July 8<sup>th</sup> 2018 Sewage Spill

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#### Description of Spill:

On July 8, 2018, a sewage sludge spill occurred at the Main-STP at the Meliadine Site. During the night a pump failed on the membrane train #2. Approximately 200 L overflowed outside the STP onto the ground.

#### Spill Location:

The spill occurred at the Meliadine main camp sewage treatment plant. The sewage flowed from the sewage treatment plant to the ground. The impacted area is within the footprint of the mine and did not reach any water bodies.



**Figure 1:** View from above – Main Camp: Location of Sewage Treatment Plant.

**Spill cause:**

The membrane #1 continue running normally, but the recirculating sludge was backfilling the membrane #2 tank as there was no check valve on the three way junction for the activated sludge recirculating pipe. This action overfilled the tank and caused overflow.

**Spill response:**

Sewage was removed with a hydro suction truck and stored for sewage treatment discharge.

**Spill Mitigation:**

A check valve was installed.