

Supplemental Release Report

Initial notification of the release to the NT-NU 24 Spill Report Line and the NEB's Online Event Reporting System was completed at the time of the release. This report is a supplement to the initial report.

General Information			
NT-NU 24 Spill Report #	18-472	NEB Incident #	INC2018-172
Incident Date:	12/05/2018	Time: 4:00	am <input type="checkbox"/> pm <input checked="" type="checkbox"/>
Incident Location: Central Processing Facility <input type="checkbox"/> Bear Island <input type="checkbox"/> Goose Island <input type="checkbox"/> Mainland <input checked="" type="checkbox"/> Other <input type="checkbox"/> – If other, location:			
Licencee Name: Imperial Oil N.W.T. Limited		Licence no.: S13L1-007	
Form completed by:	Sloan Leavitt	Phone Number:	587-476-4449

Volume Details		
If volumes changed from initial report an update has been sent into the NT-NU 24 Hour Spill Report Line and the NEB's Online Event Reporting System.		
Product released?	Volume released	Contained
Glycol / Water mix	0.4 m ³	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
Impacted soil storage: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Location:		

Flowline Incident Details			
Until a repair can be completed, flowline will not be returned to service.			
Flowline no.:	Diameter:	Year Installed:	Aboveground <input type="checkbox"/> Buried <input type="checkbox"/>
Flowline returned to service: Yes <input type="checkbox"/> No <input type="checkbox"/>			

Clean Up
Status: Complete <input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> – If ongoing, anticipated clean up completion date:
Operational clean up details: All material under the pipe rack impacted with glycol-water mix was removed and disposed of.

Incident Details
<u>Description of circumstances leading up to the release:</u> Normal operations were ongoing leading up to the incident.
<u>How was the release identified:</u> Level indicators on the glycol tank showed a steady decrease in volumes. The control room operator noticed the level drop and had an operator investigate. It was found that approximately 400 L of glycol-water mix was released through an abandoned heat trace line.
<u>Steps taken to minimize, control, or stop the release:</u> The line was isolated to stop the flow of glycol.
<u>Root cause and causal factors of the release:</u> The piping had a small leak as a result of external corrosion.
<u>Corrective actions, if any:</u> The abandoned pipe was removed and capped and the tank was put back in service. Control room operators continue to monitor tank levels for any indication of loss of containment. Operator walk-arounds also help keep constant watch on the plant areas to be aware of any integrity issues.
<u>Additional comments:</u> The glycol-water mix was at a ratio of 60/40. This means the amount of glycol released was 240 L with 160 L of freshwater released as well.