## Unauthorized Discharges April 1, 2019 - March 31, 2020

Updated: April 16/20

Date of Incident	Substance Released	Volume (Litres)	Concentration (%_mg/L_ppm_ etc)	Operator	Installation/Vessel	Installation/ Vessel Type	Source
13-May-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	2-3		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Disconnected tubing on the remotely operated vehicle (ROV).
17-Jun-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	<1		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Loose connection at the hydraulic drive motor of the Flexi- Clean tool on the remotely operated vehicle (ROV).
20-Jun-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	<1		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Drive Shaft of the hydraulic motor disconnected on the Flexi-Clean tool on the remotely operated vehicle (ROV).
11-Aug-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	2.75		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Failure to depressurize hotstab connection before removing it from the receptacle on the remotely operated vehicle (ROV).
21-Sep-19	Hydraulic Fluid	60		ExxonMobil Canada Ltd.	Thebaud	Platform	Umbilical to the Alma SSIV.
01-Oct-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	4.5		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Failure of starboard pump on the remotely operated vehicle (ROV).
21-Oct-19	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	<1		Encana Corporation	Atlantic Condor/ROV	Stand-by/Supply Vessel	Damaged shaft seal fitting on the remotely operated vehicle (ROV) vertical thruster.

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24-Feb-20	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	1.25		Ovintiv Canada ULC	Noble Regina Allen	Rig	Cross connection and a leaky hose on a hydraulic hose on the remotely operated vehicle (ROV).
28-Feb-20	Hydraulic Fluid - Terrasolve 122 (non-hydrocarbon)	3.25		Ovintiv Canada ULC	Noble Regina Allen	Rig	Failed Rig master Manipulator Wrist motor mount on the remotely operated vehicle (ROV).