

**Proposed Monitoring Program – Licence No.: NWB5LON0308 (FOX-2, Longstaff Bluff)
For Submission to the Nunavut Water Board**

Description	Location	Station Number¹	Frequency	Analytical Requirements	Maximum Allowable Concentration
Effluent Monitoring (at the point of discharge to the receiving water)	Sewage Disposal Facility (if established)	F2-1	Twice. 30 days after establishment and one time prior to discharge at the end of the construction.	Oil & Grease	No visible sheen
				Total Suspended Solids	180 mg/L
				Biological Oxygen Demand	120 mg/L
				Faecal Coliforms	10,000 CFU/dL
				pH	6-9 pH units
Wastewater Discharge ²	Various – depending on location of work areas	N/A	Prior to every discharge event.	pH	6 to 9
				Oil and Grease	5 mg/L and none visible
				Arsenic (total)	100 µg/L
				Cadmium (dissolved)	10 µg/L
				Chromium (total)	100 µg/L
				Cobalt (dissolved)	50 µg/L
				Copper (dissolved)	200 µg/L
				Lead (dissolved)	50 µg/L
				Mercury (total)	0.6 µg/L
				Nickel (dissolved)	200 µg/L
				PCB: discharge to barren area	50 µg/L
				PCB: discharge to vegetated area	5 µg/L
				Phenols	20 µg/L
				Zinc (total)	1000 µg/L

NOTE 1: Provide GPS coordinates of all Station Numbers.

NOTE 2: Wastewater includes: washwater, meltwater collection, rinse water resulting from the cleaning of fuel tanks and pipelines, water from dewatering contaminated soil areas, and/or any other liquid effluent stream.