

Proposed Surveillance Network Program – Licence No.: NWB5FRA0209 (PIN-3, Lady Franklin Point)

Location/Description	Station Number and GPS Coordinates	Frequency	Analytical Requirements	Maximum Allowable Concentration	Maximum Allowable Concentration of Any Grab Sample
Waste water discharge area: Includes contact water, wash water, meltwater collection, rinse water from cleaning of fuel tanks and pipelines, and/or any other effluent stream.		Prior to every waste water discharge event or once per month.	pH	6 to 9	
			Oil and grease	none visible	
			Arsenic (total)	100 i g/L	
			Cadmium (dissolved)	10 i g/L	
			Chromium (total)	100 i g/L	
			Cobalt (dissolved)	50 i g/L	
			Copper (dissolved)	200 i g/L	
			Lead (dissolved)	50 i g/L	
			Mercury (total)	0.6 i g/L	
			Nickel (dissolved)	200 i g/L	
			PCB*	50 i g/L	
			PCB**	5 i g/L	
			Phenols	20 i g/L	
			Zinc (total)	1000 i g/L	
Sewage Disposal/Lagoon		Prior to every discharge event.	Oil & Grease	No visible sheen	No visible sheen
			Total Suspended Solids	120 mg/L	150 mg/L
			Biological Oxygen Demand	80 mg/L	100 mg/L
			Faecal Coliforms	10,000 CFU/dL	12,000 CFU/dL
Construction activity in close proximity to water bodies (i.e., excavation of the South Beach Landfill, debris removal from beach areas)		Daily	Visual monitoring with photos (for surface sheens and turbidity)		
		Weekly (using field meters)	pH Conductivity Temperature Turbidity		

*Indicates PCB: discharge to a barren area.

**Indicates PCB: discharge to a vegetated area.

Note 1: The sampling and testing frequency will be increased if the visual inspections indicate a potential concern.

Note 2: Any **waste water** tested that does not meet the discharge criteria is to be handled as hazardous waste.

Note 3: The Contractor is not able to mobilize to the site until early September. Because of this, no work can, or will be conducted until that time. GPS coordinates for the SNP sampling stations will be established and forwarded to the NWB at such time that the Contractors and Owners personnel have arrived on-site.

