

Appendix A

Monitoring Program Station No. ERK-1

Year: 2018

Name: Sewage Treatment Facility

Description: Sampling of Effluent prior to release.

Results:

July

On July 1st, 2018, the Department of National Defence (DND) Sampling Team collected a grab sample from ERK-1, as per **8BC-ERK1621, Part J, Item 3**; the results are shown below:

Parameter	Maximum Concentration of Any Grab Sample	Results from ERK1
BOD5	80 mg/L	70 mg/L
Total Suspended Solids	70 mg/L	221 mg/L
Fecal Coliforms	1×10^6 CFU/100 mL	ND (Non-Detect)
Oil and Grease	No visible sheen	1.4 mg/L & No visible sheen
pH	Between 6 and 9	9.44

A copy of the analytical results are attached in Appendix F.

Additional Notes:

TSS and pH were above the NWB criteria. The grab sample was taken within the secondary containment cell of the sewage lagoon.



Effluent is produced during CFS Eureka operations that begin in early-June and ended by mid-July (1.5 month). CFS Eureka is closed during the winter season period and there is no on-site staff and no waste/effluent generation. It should be noted that the opening and closing dates vary by year due to logistical and military factors.

August

CFS Eureka was closed for the season.