

Appendix A

Monitoring Program Station No. ERK-1

Year: 2017

Name: Sewage Treatment Facility

Description: Sampling of Effluent prior to release.

Results:

June

On June 24th, 2017, 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 | 29 mg/L |
| Total Suspended Solids | 70 mg/L | 56 mg/L |
| Fecal Coliforms | 1×10^6 CFU/100 mL | 356 CFU/100 mL |
| Oil and Grease | No visible sheen | 1.3 mg/L & No visible sheen |
| pH | Between 6 and 9 | 8.18 |

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

Additional Notes:

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



ERK-1 in June 2017; water samples were collected.

Effluent is produced during CFS Eureka operations that begin in early-June and ended by late-June (1 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.

July

CFS Eureka was closed for the season.

August

CFS Eureka was closed for the season.