

## **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 24<sup>th</sup>, 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:

<b>Parameter</b>	<b>Maximum Concentration of Any Grab Sample</b>	<b>Results from ERK1</b>
BOD5	80 mg/L	29 mg/L
Total Suspended Solids	70 mg/L	56 mg/L
Fecal Coliforms	1 x 10 <sup>6</sup> 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.



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.