

## **Appendix B**

### **Monitoring Program Station No. ERK-2**

**Year:** 2013

**Name:** Landfarm Facility

**Description:** Sampling of Effluent prior to release.

### **Results:**

Department of National Defence had no intentions to discharge any freshet from ERK-2 (Landfarm) in 2013.

### **June**

Due to transportation and logistical issues, the Department of National Defence (DND) Sampling Team was unable to visit CFS Eureka in June. This prevented the collection of any June 2013 samples.

### **July**

The DND Sampling Team visited CFS Eureka in July. ERK-2 and collected water samples for analysis; the analytical results are summarized below and attached in Appendix F.

<b>Parameter</b>	<b>Maximum Concentration of Any Grab Sample</b>	<b>Results from ERK1</b>
Benzene	370 ug/L	<0.20 (below detection limit)
Toluene	2 ug/L	<0.20 (below detection limit)
Ethylbenzene	90 ug/L	<0.10 (below detection limit)
Lead	1 ug/L	0.5 ug/L
Oil and Grease	15 mg/L & no visible sheen	1.2 mg/L & no visible sheen
Phenols	20 ug/L	< 1 ug/L (below detection limit)

Note: The water contained in ERK-2 is re-applied to re-hydrate the soils undergoing bioremediation.



ERK-2 CFS Eureka Biopile (Landfarm) Facility in July 2013.

### **August**

CFS Eureka was closed for the season.

**Notes:**

The Department of National Defence has no intentions to discharge any water contained in the Landfarm Containment in 2012. The water is reapplied to the contaminated soils contained within the Landfarm, during the summer season, as part of the biological remediation treatment process. DND has no intentions to discharge any water in ERK-2 in 2013.