

## **Appendix B**

### **Monitoring Program Station No. ALT-2 & ALT 3**

**Year:** 2016

**Month:** June to September

**ALT-2 Name:** Sewage Terrace Outfall Point

**ALT-3 Name:** Sewage Terrace Final Discharge Point

**Description:** Effluent Quality Results.

#### **Notes:**

The Alert Sewage Terrace System is being monitored through a performance research study program by Fleming College in Peterborough, Ontario, under service contract by 1 Canadian Air Division in Winnipeg, Manitoba, and administrated by 8 Wing Trenton Environmental Management in Trenton, Ontario. Water quality samples are collected and analyzed by the Centre for Alternative Wastewater Treatment (CAWT) at Fleming College via the City of Peterborough Environmental Protection Laboratories (CALA member #2916).

#### **Summary of Results:**

**ALT-2** is located at the Sewage Terrace Outfall Point.

As per **Part J, Item 5**, **ALT-3** is located at the Sewage Terrace Final Discharge Point (location ID# 16SH-2). In reference to **Part D, Item 9**, for ALT-3, the results are summarized:

<b>Parameter</b>	<b>Maximum [] of any Grab Sample</b>	<b>Results from ALT-3 (Location ID# 16SH-2)</b>
<b>BOD5</b>	80 mg/L	13 mg/L
<b>Total Suspended Solids</b>	70 mg/L	48 mg/L
<b>Oil and Grease</b>	5 mg/L & no sheen	<b>9 mg/L</b> & No visible sheen
<b>pH</b>	Between 6 and 9	8.7

The following parameters exceed the maximum allowable concentrations at ALT-3: Oil and Grease. The final report detailing the 2016 performance of the Alert Sewage Terrace System is included in this Appendix (B).