

Appendix B

Monitoring Program Station No. ALT-2 & ALT 3

Year: 2015

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# 15SH-3). In reference to **Part D, Item 9**, for ALT-3, the results are summarized:

Parameter	Maximum [] of any Grab Sample	Results from ALT-3 (Location ID# 15SH-3)
BOD5	80 mg/L	90 mg/L
Total Suspended Solids	70 mg/L	880 mg/L
Oil and Grease	5 mg/L & no sheen	130 mg/L & No visible sheen
pH	Between 6 and 9	8.0

The following parameters exceed the maximum allowable concentrations at ALT-3: BOD5, TSS, and Oil and Grease. The final report detailing the 2015 performance of the Alert Sewage Terrace System is included in this Appendix (B).