

Appendix B

Monitoring Program Station No. ALT-2 & ALT 3

Year: 2017

Month: June to July

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 by Nasittuq Corporation, under service contract by DND and administrated by 8 Wing Trenton Environmental Management in Trenton, Ontario. Water quality samples are collected and analyzed by Caduceon Environmental Laboratories in Kingston, Ontario. (CALA member #2728).

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 (Parr Inlet). In reference to **Part D, Item 9**, for ALT-3, the results are summarized:

Parameter	Maximum [] of any Grab Sample	Results from B17-18219-1 (29 Jun 2017)	Results from B17-19744-1 (12 Jul 2017)
BOD5	80 mg/L	3 mg/L	4 mg/L
Total Suspended Solids	70 mg/L	13 mg/L	60 mg/L
Oil and Grease	5 mg/L & no sheen	<1.0 mg/L	1.1 mg/L
pH	Between 6 and 9	No Data*	8.12

*This parameter testing was not requested by the Contractor, this methodology was corrected by DND for the subsequence grab samples.

No parameters exceed the maximum allowable concentrations at ALT-3. The analytical certificates detailing the 2017 performance of the Alert Sewage Terrace System is included in this Appendix (B).