

Notes for 051006NWB5SHE QAQC

2.2 Sampling Equipment

BOD₅ samples are to be taken in 300mL clear plastic (type 1) bottles supplied by the Taiga Lab

Bacteria and Coliforms should be analyzed within 24 hours of collection.

4.2 Detection Limits

The detection limit for BOD₅ is 2.0 mg/L at the Taiga Lab

4.3 Methodology

4.3.2 Coliforms in Water

Only fecal coliform (FC) samples were filtered through 0.45 um filter.

For Total Coliforms (TC) and *E. coli* (Ec), unfiltered samples were mixed with Colilert Media and poured into a Quanti-Tray, sealed, and incubated at 35.0 °C (+/- 0.5 °C) for 24 – 28 hours. The Most Probable Number was read and reported in MPN/100mL. Please see www.idexx.com/water for more information.

4.3.3

For BOD₅ an airtight bottle was filled with seed, sample, and BOD solution and incubated for 5 days at 20C (+/- 1 °C).

Appendix A

Proof of accreditation for Taiga Lab is not included.