

**C.O.C.: DW 19485**

**REPORT No. B18-19485**

**Report To:**

**ATCO Structure & Logistics Services Ltd**

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**Attention:** Philip Chubbs

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DATE RECEIVED: 05-Jul-18

JOB/PROJECT NO.: Resolute Bay, NU

DATE REPORTED: 16-Jul-18

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

|                   |           |      | Client I.D.      | Char Lake          | AV-10       |       |  |
|-------------------|-----------|------|------------------|--------------------|-------------|-------|--|
|                   |           |      | Sample I.D.      | B18-19485-1        | B18-19485-2 |       |  |
|                   |           |      | Date Collected   | 02-Jul-18          | 02-Jul-18   |       |  |
| Parameter         | Units     | R.L. | Reference Method | Date/Site Analyzed |             |       |  |
| Total Coliform    | cfu/100mL | 1    | MOE E3407        | 05-Jul-18/O        | 0           | 0     |  |
| E coli            | cfu/100mL | 1    | MOE E3407        | 05-Jul-18/O        | 0           | 0     |  |
| Benzene           | µg/L      | 0.5  | EPA 8260         | 09-Jul-18/O        | < 0.5       | < 0.5 |  |
| Toluene           | µg/L      | 0.5  | EPA 8260         | 09-Jul-18/O        | < 0.5       | < 0.5 |  |
| Ethylbenzene      | µg/L      | 0.5  | EPA 8260         | 09-Jul-18/O        | < 0.5       | < 0.5 |  |
| Xylene, m,p-      | µg/L      | 0.4  | EPA 8260         | 09-Jul-18/O        | < 0.4       | < 0.4 |  |
| Xylene, o-        | µg/L      | 0.1  | EPA 8260         | 09-Jul-18/O        | < 0.1       | < 0.1 |  |
| Xylene, m,p,o-    | µg/L      | 0.4  | EPA 8260         | 09-Jul-18/O        | < 0.4       | < 0.4 |  |
| Toluene-d8 (SS)   | %         |      | EPA 8260         | 09-Jul-18/O        | 95.0        | 96.0  |  |
| PHC F1 (C6-C10)   | µg/L      | 20   | MOE E3421        | 09-Jul-18/O        | < 20        | < 20  |  |
| PHC F2 (>C10-C16) | µg/L      | 50   | MOE E3421        | 06-Jul-18/K        | < 50        | < 50  |  |
| PHC F3 (>C16-C34) | µg/L      | 400  | MOE E3421        | 06-Jul-18/K        | < 400       | < 400 |  |
| PHC F4 (>C34-C50) | µg/L      | 400  | MOE E3421        | 06-Jul-18/K        | < 400       | < 400 |  |

NOTE: Bacteria passed acceptable holding time upon arrival at lab.



R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \*

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

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Lab Manager - Ottawa District

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.