

**C.O.C.: G27825**

**REPORT No. B12-27723**

**Rev. 1**

**Report To:**

**Municipality of Cape Dorset**

PO Box 30,  
Cape Dorset NU X0A 0C0 Canada

**Attention:** Kevin Warren

**Caduceon Environmental Laboratories**

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DATE RECEIVED: 30-Oct-12

JOB/PROJECT NO.:

DATE REPORTED: 23-Nov-12

P.O. NUMBER:

SAMPLE MATRIX: Water

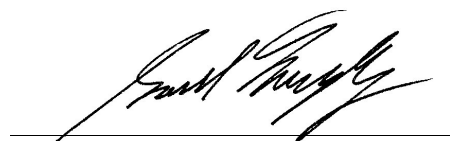
WATERWORKS NO.

|                      |       |        | Client I.D.      | Raw Water          |                     |  |  |
|----------------------|-------|--------|------------------|--------------------|---------------------|--|--|
|                      |       |        | Sample I.D.      | B12-27723-1        |                     |  |  |
|                      |       |        | Date Collected   | 24-Oct-12          |                     |  |  |
| Parameter            | Units | M.D.L. | Reference Method | Date/Site Analyzed |                     |  |  |
| Chloride             | mg/L  | 0.5    | SM4110C          | 01-Nov-12/O        | 7.3                 |  |  |
| Fluoride             | mg/L  | 0.1    | SM4110C          | 01-Nov-12/O        | < 0.1               |  |  |
| Nitrate (N)          | mg/L  | 0.1    | SM4110C          | 01-Nov-12/O        | < 0.1               |  |  |
| Sulphate             | mg/L  | 1      | SM4110C          | 01-Nov-12/O        | 2                   |  |  |
| Phenolics            | mg/L  | 0.001  | MOEE 3179        | 02-Nov-12/O        | < 0.001             |  |  |
| Total Organic Carbon | mg/L  | 0.2    | EPA 415.1        | 12-Nov-12/O        | 1.0                 |  |  |
| Total Cyanide        | mg/L  | 0.005  | SM 4500CN        | 01-Nov-12/K        | < 0.005             |  |  |
| Arsenic              | mg/L  | 0.0005 | EPA 200.8        | 02-Nov-12/O        | < 0.0005            |  |  |
| Barium               | mg/L  | 0.001  | SM 3120          | 01-Nov-12/O        | 0.003               |  |  |
| Cadmium              | mg/L  | 0.005  | SM 3120          | 01-Nov-12/O        | < 0.005             |  |  |
| Chromium             | mg/L  | 0.002  | SM 3120          | 01-Nov-12/O        | < 0.002             |  |  |
| Chromium (VI)        | mg/L  | 0.01   | MOEE 3056        | 02-Nov-12/O        | < 0.01 <sup>1</sup> |  |  |
| Copper               | mg/L  | 0.002  | SM 3120          | 01-Nov-12/O        | 0.100               |  |  |
| Iron (Total)         | mg/L  | 0.005  | SM 3120          | 01-Nov-12/O        | 0.160               |  |  |
| Lead                 | mg/L  | 0.02   | SM 3120          | 01-Nov-12/O        | < 0.02              |  |  |
| Manganese (Total)    | mg/L  | 0.001  | SM 3120          | 01-Nov-12/O        | 0.002               |  |  |
| Selenium             | mg/L  | 0.005  | EPA 200.8        | 02-Nov-12/O        | < 0.005             |  |  |
| Silver               | mg/L  | 0.005  | SM 3120          | 01-Nov-12/O        | < 0.005             |  |  |
| Zinc                 | mg/L  | 0.005  | SM 3120          | 01-Nov-12/O        | 0.023               |  |  |
| Surfactants Content  | mg/L  | 0.05   | SM-5540-C        | 08-Nov-12/O        | < 0.05 <sup>2</sup> |  |  |

1 Chromium (VI) result is based on total chromium

2 Subcontracted to Niagara Analytical

Note: Revision created to correct address.



Gord Murphy  
Lab Supervisor

M.D.L. = Method Detection Limit

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

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