



REPORT OF ANALYTICAL RESULTS

NETLAB Case Number W1116-21C

Prepared for:

Attn: Dave Condrey
Milford Water Company
66 Dilla Street
Milford, MA 01757

Report Date: November 17, 2011

Reviewed By:

Richard Warila
Laboratory Director

Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.

1254 Douglas Avenue, North Providence, RI 02904

(401) 353-3420

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on November 16, 2011. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is W1116-21C.

TABLE I, Samples Submitted

| Sample ID | Date Sampled | Matrix | Analysis Requested |
|------------------------------------|--------------|----------------|--------------------|
| Purchase St. @ Windsor-Hyd. (6852) | 11/16/11 | Drinking Water | Table II |

TABLE II, Analysis and Methods

| ANALYSIS | DETERMINATIVE METHOD |
|-----------------------|----------------------|
| Total Trihalomethanes | 524.2 |

Methods are documented in:

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998, APHA, AWWA-WPCF

Manual of Methods for Chemical Analysis of Water and Water Wastes, EPA-600/4-29-020 (Revised 1983), USEPA/EMSL.

40 CFR 136, Guidelines Establishing *Test Procedures for the Analysis of Pollutants Under the Clean Water Act*, Office of Federal Register National Archives and Records Administration.

EPA-821-B-94-004

This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record.

CASE NARRATIVE:

Sample Receipt:

No trip blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. No field blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits).

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Sample: **Purchase St. @ Windsor-Hyd. (6852)**

Case No. W1116-21C

Date Analyzed: 11/17/11

Subject: Trihalomethanes

Method: EPA 524.2

| <u>Compound</u> | <u>Concentration ug/L (ppb)</u> | <u>Method Detection Limit, ug/L</u> | <u>Reporting Limit, ug/L</u> |
|-----------------------|-------------------------------------|---|----------------------------------|
| Bromoform | N.D. | 0.5 | 0.5 |
| Bromodichloromethane | 15.8 | 0.5 | 0.5 |
| Chlorodibromomethane | 3.1 | 0.5 | 0.5 |
| Chloroform | 57.3 | 0.5 | 0.5 |
| Total Trihalomethanes | 76.2 | 0.5 | 0.5 |

Surrogates:

| <u>Compound</u> | <u>% Recovery</u> | <u>Limits</u> |
|------------------------|-------------------|---------------|
| 1,2-Dichlorobenzene d4 | 117 | 70-130 |
| 4 BFB | 108 | 70-130 |

N.D.= Not Detected

W1116-21C

NEW ENGLAND TESTING LABORATORY, INC.
 1254 Douglas Avenue
 North Providence, RI 02904
 1-888-863-8522

CHAIN OF CUSTODY RECORD

| PROJ. NO. | PROJECT NAME/LOCATION | | PRESERVATIVE | TESTS | REMARKS | | | |
|------------------------------|------------------------------------|--|---|-------|----------------|---------------------------------|---------------------------------|----------------------|
| | CLIENT | REPORT TO: | | | | | | |
| | Milford Water Co. Mr. David Condry | Mr. David Condry | | | | | | |
| | INVOICE TO: | Specials | | | | | | |
| | REPORT TO: | dcandrey@milfordwater.com | | | | | | |
| DATE | TIME | SAMPLE I.D. | NO. OF CONTAINERS | OTHER | SOIL | SCOPE | LABORATORY REMARKS | SPECIAL INSTRUCTIONS |
| 11-16-11 | 9:40A | North Ave (6847) Woodland School | 2 | | | | Temp. received: 3°C | |
| 11-16-11 | 10:35A | 31 W. Fountain St (6848) Milford High School | 2 | | | | Cooled <input type="checkbox"/> | |
| 11-16-11 | 6:52 | Purchase 5T @ Windsor - hyd (6852) | 2 | | | | | |
| 11-16-11 | 1:30A | Bawdoin Dr near easment for garage (6853) | 2 | | | | | |
| Sampled by: (Signature) | | Date/Time | Received by: (Signature) | | Date/Time | Laboratory Remarks: | | |
| [Signature] | | 11-16-11 9:50 | [Signature] | | 11-16-11 14:30 | Temp. received: 3°C | | |
| Requested by: (Signature) | | Date/Time | Received by: (Signature) | | Date/Time | Cooled <input type="checkbox"/> | | |
| [Signature] | | 11-16-11 15:15 | Robert Lee | | 11-16-11 15:25 | | | |
| Relinquished by: (Signature) | | Date/Time | Received for Laboratory by: (Signature) | | Date/Time | Turnaround (Business Days) | | |
| [Signature] | | 11-17-11 3:25 | [Signature] | | | | | |

**Neillab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates