



**REPORT OF ANALYTICAL RESULTS**

**NETLAB Case Number W1228-27**

Prepared for:

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

Report Date: December 30, 2011

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 December 28, 2011. The group of samples appearing in the 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. The case number for this sample submission is W1228-27.

**TABLE I, Samples Submitted**

Sample ID	Date Sampled	Matrix	Analysis Requested
D.E. Plant Blend	12/28/2011	Drinking Water	Table II
Dilla Street Finished	12/28/2011	Drinking Water	Table II, III
Echo Lake Raw	12/28/2011	Drinking Water	Table II
Slow Sand Filter #3	12/28/2011	Drinking Water	Table II
Slow Sand Filter #4	12/28/2011	Drinking Water	Table II

**TABLE II, Analysis and Methods**

ANALYSIS	DETERMINATIVE METHOD
Alkalinity	2320B
Total Organic Carbon	5310C

**TABLE III, Analysis and Methods**

ANALYSIS	DETERMINATIVE METHOD
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**

All samples were found to be properly preserved/cooled upon receipt. All analyses were performed within EPA designated holding-times. Procedure/calibration checks required by the designated protocols were within control limits.

**D.E. Plant Blend**

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	19	2	12/29/2011
Total Organic Carbon	3.83	0.20	12/29/2011

**Dilla Street Finished**

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	18	2	12/29/2011
Total Organic Carbon	2.46	0.20	12/29/2011

**Echo Lake Raw**

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	18	2	12/29/2011
Total Organic Carbon	4.01	0.20	12/29/2011

**Slow Sand Filter #3**

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	18	2	12/29/2011
Total Organic Carbon	0.76	0.20	12/29/2011

**Slow Sand Filter #4**

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	23	2	12/29/2011
Total Organic Carbon	1.50	0.20	12/29/2011

ND = Not Detected

Sample: Dilla Street Finish

Case No. W1228-27

Date Analyzed: 12/28/2011

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	4.3	0.5	0.5
Chlorodibromomethane	1.5	0.5	0.5
Chloroform	20.7	0.5	0.5
Total Trihalomethanes	26.5	0.5	0.5

Surrogates:

<u>Compound</u>	<u>% Recovery</u>	<u>Limits</u>
1,2-Dichlorobenzene d4	102	70-130
4 BFB	101	70-130

N.D.= Not Detected

W1228-27

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

**CHAIN OF CUSTODY RECORD**

PROJECT NAME/LOCATION		SAMPLE I.D.					SCORING	SOIL	OTHER	NO. OF CONTAINERS	P R E S E R V A T I V E	TESTS**	REMARKS
PROJ. NO.	CLIENT	DATE	TIME	C O M P	G R A B								
	Milford Water Co - David Conroy											*RUSH*	
REPORT TO:	dcconroy@milfordwater.com												
INVOICE TO:													
12-28	10:00		Echo Lake Raw			3			3		Alkalinity		
12-29	10:15		Slow Sand Filter # 3			3			3		Tot		
12-28	10:00		Slow Sand Filter # 4			3			3				
12-28	10:05		D.E. Plant Blend			3			3				
12-28	10:25		Dilla St Finished			5			5				

<table border="0"> <tr> <td>Sampled by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28 10:50</td> <td>Received by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28/11 15:35</td> </tr> <tr> <td>Relinquished by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28 10:50</td> <td>Received by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28/11 16:40</td> </tr> <tr> <td>Relinquished by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28/11 16:40</td> <td>Received for Laboratory by: (Signature) <i>[Signature]</i></td> <td>Date/Time 12/28/11 16:40</td> </tr> </table>	Sampled by: (Signature) <i>[Signature]</i>	Date/Time 12/28 10:50	Received by: (Signature) <i>[Signature]</i>	Date/Time 12/28/11 15:35	Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 12/28 10:50	Received by: (Signature) <i>[Signature]</i>	Date/Time 12/28/11 16:40	Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 12/28/11 16:40	Received for Laboratory by: (Signature) <i>[Signature]</i>	Date/Time 12/28/11 16:40	<p>Laboratory Remarks: Temp. received: <u>4°C</u> Cooled <input type="checkbox"/></p>	<p>Special Instructions: List Specific Detection Limit Requirements:</p>	<p>Turnaround (Business Days) _____</p>
Sampled by: (Signature) <i>[Signature]</i>	Date/Time 12/28 10:50	Received by: (Signature) <i>[Signature]</i>	Date/Time 12/28/11 15:35												
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\*\*Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates