



REPORT OF ANALYTICAL RESULTS

NETLAB Case Number W1116-33

Prepared for:

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

Report Date: November 17, 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 November 16, 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 W1116-33.

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
Echo Lake/Raw	11/16/2011	Drinking Water	Table II
Finished Water Tap	11/16/2011	Drinking Water	Table II, III
SSF #1 Effluent	11/16/2011	Drinking Water	Table II
SSF #3 Effluent	11/16/2011	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.

Echo Lake/Raw

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	21	2	11/17/2011
Total Organic Carbon	2.93	0.20	11/16/2011

Finished Water Tap

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	26	2	11/17/2011
Total Organic Carbon	1.59	0.20	11/16/2011

SSF #1 Effluent

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	20	2	11/17/2011
Total Organic Carbon	2.86	0.20	11/16/2011

SSF #3 Effluent

Parameter	Result, mg/l	Reporting Limit	Date Analyzed
Alkalinity	21	2	11/17/2011
Total Organic Carbon	0.81	0.20	11/16/2011

Sample: Finished Water Tap

Case No. W1116-33

Date Analyzed: 11/17/11

Subject: Trihalomethanes

Method: EPA 524.2

<u>Compound</u>	<u>Concentration</u> <u>ug/L (ppb)</u>	<u>Method</u> <u>Detection</u> <u>Limit, ug/L</u>	<u>Reporting</u> <u>Limit, ug/L</u>
Bromoform	N.D.	0.5	0.5
Bromodichloromethane	9.0	0.5	0.5
Chlorodibromomethane	2.3	0.5	0.5
Chloroform	36.6	0.5	0.5
Total Trihalomethanes	47.9	0.5	0.5

Surrogates:

<u>Compound</u>	<u>% Recovery</u>	<u>Limits</u>
1,2-Dichlorobenzene d4	121	70-130
4 BFB	120	70-130

N.D.= Not Detected

