



REPORT OF ANALYTICAL RESULTS

PWS: 2034010

NASHOBA REGIONAL HIGH SCHOOL

Samples Received: 27-September-2022

Laboratory Case Number: 2127083

Report Prepared for:

Andrew Donnelly
WhiteWater
253B Worcester Road
Charlton, MA 01507

Director
New England Testing Laboratory, Inc.
Lab#: M-RI010
Date: 04-October-2022

Samples Submitted:

Lab ID	Sample Type	Location Code	Sample Location
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Request for Analysis

045 - Rm 166 Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

032 - Rm 200 Front Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

028 - Rm 200 Back Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

022 - Rm 207 Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

006 - Bubbler Outside Aud (RS)

Copper	EPA 200.8
Lead	EPA 200.8

035 - Bubbler Outside Rm 254 (RS)

Copper	EPA 200.8
Lead	EPA 200.8

010 - Bubbler Boys Locker (RS)

Copper	EPA 200.8
Lead	EPA 200.8

048 - Sink Inside Nurse Office (RS)

Copper	EPA 200.8
Lead	EPA 200.8

030 - Rm 200 Middle Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

024 - Bubbler Outside 207 (RS)

Copper	EPA 200.8
Lead	EPA 200.8

037 - Breakroom Sink (RS)

Copper	EPA 200.8
Lead	EPA 200.8

036 - Bubbler Outside Rm 258 (RS)

Copper	EPA 200.8
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036 - Bubbler Outside Rm 258 (RS) (continued)

Lead EPA 200.8

005 - Kitchen 3 Bay Sink (RS)

Copper EPA 200.8

Lead EPA 200.8

001 - Kitchen Handways Sink (RS)

Copper EPA 200.8

Lead EPA 200.8

018 - Office Breakdown (RS)

Copper EPA 200.8

Lead EPA 200.8

017 - Bubbler Outside Nurse Office (RS)

Copper EPA 200.8

Lead EPA 200.8

014 -Bubbler at Lower Gym (RS)

Copper EPA 200.8

Lead EPA 200.8

012 - Sink in Rm 417 (RS)

Copper EPA 200.8

Lead EPA 200.8

008 - Refreshment Stand at Aud (RS)

Copper EPA 200.8

Lead EPA 200.8

019 - LC1 Back Sink (RS)

Copper EPA 200.8

Lead EPA 200.8

The analytical methods provided are documented in the following references:

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

Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water, USEPA/EMSL.



Lead and Copper Analysis Report

Doc Rev 12/2020

I. PWS INFORMATION : Please refer to your MADEP Lead and Copper sampling plan for approved sampling locations.

PWS ID #: **City / Town:**

PWS Name: **PWS Class:** COM NTNC TNC

Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:	
		(1) Reason for Resubmission	(2) Collection Date of Original Sample
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction	

SAMPLE COMMENTS

II. ANALYTICAL LABORATORY INFORMATION: Attach copy of subcontracted lab analysis reports (as applicable)

Primary Lab MA Cert. #: **Primary Lab Name:** **Subcontracted? (Y/N)**

Analyte	Action Level (mg/L)	Lab Method	MDL (mg/L)	MRL (mg/L)	Analysis Lab MA Cert. #	Analysis Lab Name
Lead:	0.015	EPA 200.8	0.001	0.001	M-RI010	New England Testing Laboratory, Inc.
Copper:	1.3	EPA 200.8	0.005	0.005	M-RI010	New England Testing Laboratory, Inc.

LAB ANALYSIS COMMENTS		Result Qualifier	Result Qualifier Description
		U	U = Undetected

#	MassDEP Approved LCR Plan Sample Location	Collection Date	Dilution Factor	LEAD		Result Qualifier	COPPER		Result Qualifier	Primary Lab Sample ID# & Analysis Lab Sample ID#
				Date Analyzed	Result (mg/L)		Date Analyzed	Result (mg/L)		
				1	045 - Rm 166 Sink		09/16/2022	1		
2	032 - Rm 200 Front Sink	09/16/2022	1	09/29/2022	0.001		09/29/2022	0.117		2127083-02/2127083-02
3	028 - Rm 200 Back Sink	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.094		2127083-03/2127083-03
4	022 - Rm 207 Sink	09/16/2022	1	09/29/2022	0.003		09/29/2022	0.149		2127083-04/2127083-04
5	006 - Bubblers Outside Aud	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.148		2127083-05/2127083-05
6	035 - Bubblers Outside Rm 254	09/16/2022	1	09/29/2022	0.005		09/29/2022	0.107		2127083-06/2127083-06
7	010 - Bubblers Boys Locker	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.130		2127083-07/2127083-07
8	048 - Sink Inside Nurse Office	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.110		2127083-08/2127083-08
9	030 - Rm 200 Middle Sink	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.115		2127083-09/2127083-09
10	024 - Bubblers Outside 207	09/16/2022	1	09/29/2022	0.007		09/29/2022	0.150		2127083-10/2127083-10
11	037 - Breakroom Sink	09/16/2022	1	09/29/2022	0.016		09/29/2022	0.113		2127083-11/2127083-11
12	036 - Bubblers Outside Rm 258	09/16/2022	1	09/29/2022	0.003		09/29/2022	0.153		2127083-12/2127083-12
13	005 - Kitchen 3 Bay Sink	09/16/2022	1	09/29/2022	0.005		09/29/2022	0.142		2127083-13/2127083-13
14	001 - Kitchen Handways Sink	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.067		2127083-14/2127083-14
15	018 - Office Breakdown	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.107		2127083-15/2127083-15
16	017 - Bubblers Outside Nurse Office	09/16/2022	1	09/29/2022	ND	U	09/29/2022	0.112		2127083-16/2127083-16
17	014 - Bubblers at Lower Gym	09/16/2022	1	09/29/2022	0.008		09/29/2022	0.150		2127083-17/2127083-17
18	012 - Sink in Rm 417	09/16/2022	1	09/29/2022	0.015		09/29/2022	0.122		2127083-18/2127083-18
19	008 - Refreshment Stand at Aud	09/16/2022	1	09/30/2022	ND	U	09/30/2022	0.145		2127083-19/2127083-19
20	019 - LC1 Back Sink	09/16/2022	1	09/30/2022	0.012		09/30/2022	0.128		2127083-20/2127083-20

Report SCHOOL RESULTS (250 ml) collected under (LCCA) in accordance with 310 CMR 22.06B(7)(a)9 below. Do not use these school results in 90th percentile calculations.

1										
2										
3										
4										

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature:

Date: 10/4/2022

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

COM & NTNC public water suppliers must submit forms LCR-D or LCR-E with this form to the appropriate MassDEP Regional Office

DEP REVIEW STATUS (Initial & Date)	Review Comments
<input type="checkbox"/> Accepted <input type="checkbox"/> Disapproved	



Lead and Copper - 90th PERCENTILE COMPLIANCE Report (For Systems Required to Collect More Than 5 Samples)

I. PWS INFORMATION: Please refer to your DEP Lead & Copper sampling plan for approved sampling locations.

Form with fields for PWS ID #: 2034010, City / Town: Bolton, PWS Name: Nashoba Regional High School, PWS Class: COM, and Sampling Frequency: SECOND SEMI-ANNUAL SAMPLING PERIOD.

Step 1: Place lead results in ascending order (from lowest to highest value) with lowest value at # 1, in the table below. Repeat for copper results. Please report results that are ND or less than (<) the laboratory's reported detection limit (MDL) as zero. Results at or above the laboratory's detection limit (MDL) but below 0.005 mg/L for lead or 0.05 mg/L for copper shall be reported as measured or may be reported as 0.0025 mg/L for lead or 0.025 mg/L for copper.

Step 2: Multiply the total number of samples collected by 0.9 (this is your 90th percentile sample number). Round to the nearest whole number, if necessary.

Step 3: Compare the sample result at the 90th percentile sample number against the corresponding action level. If the 90th percentile value is higher than the action level, then you have an exceedance and are required to contact MassDEP as soon as possible for information on compliance actions.

Note: Do not include school results on this form unless the PWS is a school. Remember, within 30 days of receipt, you must send individual results to the persons served at each sampled location as per 310 CMR 22.06B(6)(c)1.

Table with two main sections: LEAD RESULTS (mg/L) and COPPER RESULTS (mg/L). Each section has columns for sample number and result. Lead results range from 0 to 0.007 mg/L. Copper results range from 0.067 to 0.145 mg/L.

*Lowest Value

My system was required to collect 20 lead and copper samples. My system collected: 20 lead and copper samples.

Total # of samples collected: 20 x 0.9 = 18 This number is my system's 90th percentile sample #.

Circle the 90th percentile sample # for both lead and copper in the table above, and enter the results in the appropriate spaces below.

Summary table showing 90th percentile results: Lead result at 90th percentile sample# is 0.013 (Lead action level 0.015 mg/L); Copper result at 90th percentile sample# is 0.150 (Copper action level 1.3 mg/L).

II. CERTIFICATION:

Check and complete the correct statement for lead as determined by the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

- My system was at or below the lead action level. (Checked)
My system exceeded the lead action level and ... sampling sites exceeded the lead action level. (Unchecked)

Check and complete the correct statement for copper as determined from the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

- My system was at or below the copper action level. (Checked)
My system exceeded the copper action level ... sampling sites exceeded the copper action level. (Unchecked)

My signature below indicates that all sampling sites on this report have been previously approved in writing by the DEP, and both the sites and sampling procedures used comply with 310 CMR 22.06B(7). I certify under penalty of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Signature lines for Title, Signature of PWS or Owner's Representative, and Date. Page 1 of 1.

1 The Consumer notification form template is available at: https://www.mass.gov/lists/lead-and-copper-forms-and-templates#lead-and-copper-rule-(lcr)-



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ROUTINE SAMPLE

SPECIAL SAMPLE

REPEAT SAMPLE

WAF SAMPLE

24 HR RUSH?

PRESEASON SAMPLE

253B Worcester Road, Charlton MA 01507 Phone: (888) 377-7678 Fax: (508) 248-2895

PWS ID #: 2034010 PWS CLASS: NTNC JOB/SO #: _____
 PWS NAME: Nashoba Regional High School
 PWS ADDRESS: 12 Green Rd, Bolton, MA 01740
 PWS PHONE #: 978-779-2257
 DATE COLLECTED: 9-16-22 Is the source treated? YES NO
 Sample after treatment? YES NO

SPECIAL NOTES:
 Lead & Copper Q3 2022
 Required No of Samples: 20
 **K = Kitchen, B = Bathroom
 METER READINGS: _____ Cu Ft. or Gal

LOCATION CODE	SAMPLE LOCATION	SAMPLE TYPE	DATE	TIME	L&C					NOTES (# of Bottles)
K	045 - Rm 166 Sink	L&C	9/16/22	5:50am	✓	•				1
K	032 - Rm 200 Front Sink	L&C	9/16/22	5:40am	✓	•				1
K	028 - Rm 200 Back Sink	L&C	9/16/22	5:38am	✓	•				1
K	022 - Rm 207 Sink	L&C	9/16/22	5:35am	✓	•				1
	006 - Bubbler outside Auditorium	L&C	9/16/22	5:12am	✓	•				1
	035 - Bubbler outside Rm 254	L&C	9/16/22	5:44am	✓	•				1
	010 - Bubbler Boys Locker	L&C	9/16/22	5:19am	✓	•				1
K	048 - Sink Inside Nurse Office	L&C	9/16/22	5:24am	✓	•				1
	030 - Rm 200 Middle Sink	L&C	9/16/22	5:39am	✓	•				1
	024 - Bubbler Outside 207	L&C	9/16/22	5:32am	✓	•				1
									(10)	

Custody Transfer	Name & Signature	DATE	TIME
Sampler:	Angel M. Ramos <i>Angel M. Ramos</i>	9/16/22	12:00 noon
Relinquished by:	Megan Wintour <i>Megan Wintour</i>	9-26-22	1430
Received by:	<i>OC 2</i>	9-27-22	1430
Relinquished by:	<i>OC 2</i>	9-27-22	1640
Received by:	<i>[Signature]</i>	9-27-22	1640

PLEASE EMAIL THIS REPORT WITH RESULTS & INVOICE TO: ADonnelly@RHWhite.com and CStephen@RHWhite.com

AT

253B Worcester Road, Charlton MA 01507 Phone: (888) 377-7678 Fax: (508) 248-2895

- ROUTINE SAMPLE
- REPEAT SAMPLE
- 24 HR RUSH?
- SPECIAL SAMPLE
- WAF SAMPLE
- PRESEASON SAMPLE

PWS ID #: 2034010 PWS CLASS: NTNC JOB/SO #: _____

PWS NAME: Nashoba Regional High School

PWS ADDRESS: 12 Green Rd, Bolton, MA 01740

PWS PHONE #: 978-779-2257

DATE COLLECTED: 9/16/22

Is the source treated? YES NO

Sample after treatment? YES NO

SPECIAL NOTES:
Lead & Copper Q3 2022

Required No of Samples: 20

**K = Kitchen, B = Bathroom

METER READINGS: _____ Cu Ft. or Gal

LOCATION CODE	SAMPLE LOCATION	SAMPLE TYPE	DATE	TIME	L&C					NOTES (# of Bottles)
K	037 - Breakroom Sink	L&C	9/16/22	5:41AM	✓					1
	036 - Bubbler Outside Rm 258	L&C	9/16/22	5:46AM	✓					1
K	005 - Kitchen 3 Bay Sink	L&C	9/16/22	5:10AM	✓					1
K	001 - Kitchen Handways Sink	L&C	9/16/22	5:09AM	✓					1
K	018 - Office Breakroom	L&C	9/16/22	5:26AM	✓					1
	017 - Bubbler Outside Nurse Office	L&C	9/16/22	5:22AM	✓					1
	014 - Bubbler at Lower Gym	L&C	9/16/22	5:29AM	✓					1
K	012 - Sink in Rm 417	L&C	9/16/22	5:16AM	✓					1
	008 - Refreshment Stand at Auditorium	L&C	9/16/22	5:14AM	✓					1
	019 - LC1 Back Sink		9/16/22	5:30AM	✓					1

Custody Transfer	Name & Signature	DATE	TIME
Sampler:	Angel M. Ramos	9/16/22	12:00 noon
Relinquished by:	Megan Wintour	9-26-22	1430
Received by:	Ch L	9-27-22	1430
Relinquished by:	Ch L	9-27-22	16140
Received by:	[Signature]	9-27-22	1640

PLEASE EMAIL THIS REPORT WITH RESULTS & INVOICE TO: ADonnelly@RHWhite.com and CAStephen@RHWhite.com