

**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.

PWS ID #:	4052064	City / Town:	Carver
PWS Name:	Carver Middle High School		PWS Class: COM <input type="checkbox"/> NTNC <input checked="" type="checkbox"/>
Sampling Frequency: (choose one)	<input type="checkbox"/> FIRST SEMI-ANNUAL SAMPLING PERIOD		<input type="checkbox"/> REDUCED - EVERY THREE YEARS
	<input checked="" type="checkbox"/> SECOND SEMI-ANNUAL SAMPLING PERIOD		<input type="checkbox"/> LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM
	<input type="checkbox"/> REDUCED - ANNUAL		<input type="checkbox"/> DEMONSTRATION

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.

LEAD RESULTS (mg/L)								COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results
1*	0	16	0.002	31		46		1*	0.024	16	0.248	31		46	
2	0	17	0.002	32		47		2	0.036	17	0.266	32		47	
3	0	18	0.002	33		48		3	0.053	18	0.304	33		48	
4	0	19	0.003	34		49		4	0.058	19	0.321	34		49	
5	0	20	0.011	35		50		5	0.059	20	0.699	35		50	
6	0	21		36		51		6	0.065	21		36		51	
7	0	22		37		52		7	0.071	22		37		52	
8	0	23		38		53		8	0.081	23		38		53	
9	0	24		39		54		9	0.097	24		39		54	
10	0	25		40		55		10	0.100	25		40		55	
11	0	26		41		56		11	0.118	26		41		56	
12	0	27		42		57		12	0.131	27		42		57	
13	0	28		43		58		13	0.144	28		43		58	
14	0.001	29		44		59		14	0.202	29		44		59	
15	0.001	30		45		60		15	0.23	30		45		60	

*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.

0.002	Compared to 0.015 mg/L	0.304	Compared to 1.3 mg/L
(Lead result at 90 th percentile sample#)	(The lead action level)	(Copper result at 90 th percentile sample#)	(The copper action level)

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.☐ My system **exceeded** the lead action level and _____ sampling sites **exceeded** the lead action level.

(Insert # of samples)

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.☐ My system **exceeded** the copper action level and _____ sampling sites **exceeded** the copper action level.

(Insert # of samples)

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.

Program Coordinator

Title

Signature of PWS or Owner's Representative

12/5/2022

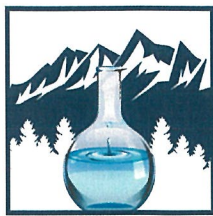
Date

Please submit Form LCR-C along with this form.

Rev. 02- 2019

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



NASHOBA ANALYTICAL

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC

31A Willow Road Ayer, Massachusetts 01432
Phone: 978-391-4428 | website: www.nashobaanalytical.com

Laboratory Report

Small Water System Services
P.O. Box 2014
Littleton, MA 01460

Date Printed: 11/30/2022
Work Order #: 2211-04740
Client Job #: Carver High & Middle Sch
Date Received: 11/23/2022
Sample collected in: Massachusetts

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **None**
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: H = Hold time non-compliant.**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.

Peter C. Nevius
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507
Nashoba Analytical: Accreditations: Massachusetts M-MA1118



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Phone: 978-391-4428 | website: www.nashobaanalytical.com

DATE PRINTED: 11/30/2022

SYSTEM NAME: Carver High School and Middle School
SYSTEM TOWN: CARVER
SAMPLE CATEGORY: Routine Sample
SAMPLING AGENT: PWS Staff
SAMPLE AGENT #: 9.3° CELSIUS
RECEIPT TEMP:

LEAD AND COPPER RESULTS

LAB ID#: M-MA1118

EPA ID#: 4052064
WATER SYSTEM TYPE: mg/L
TEST UNITS: ANALYST: ZZ-MA
METHOD: Copper EPA 200.7 Lead EPA 200.9
MCL: Copper 1.3 mg/L, Lead 0.015 mg/L
MDL (RL): Copper 0.004 mg/L, Lead 0.001 mg/L
DATE & TIME RECEIVED: 11/23/2022 11:40AM

Legend	
Passes	✓
Fails EPA Primary	✗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

SAMPLE LOCATION	DATE/TIME COLLECTED	LABORATORY SAMPLE ID#	CLIENT JOB #	LEAD *	Pass /Fail	DQ	DATE ANALYZED	COPPER *	Pass /Fail	DQ	DATE ANALYZED
NURSE'S OFFICE SINK	11/13/2022 10:45AM	2211-04740-001	Carver High & Middle Sch	<0.001	✓		11/28/22	0.202	✓		11/28/22
TECH ED ROOM SINK	11/13/2022 10:59AM	2211-04740-002		<0.001	✓		11/28/22	0.321	✓		11/28/22
MUSIC CORRIDOR BUBBLER	11/13/2022 10:27AM	2211-04740-003		<0.001	✓		11/28/22	0.036	✓		11/28/22
BOYS BATHROOM NEAR MUSIC ROOM	11/13/2022 10:25AM	2211-04740-004		0.002	✓		11/28/22	0.248	✓		11/28/22
TEACHERS ROOM SINK	11/13/2022 10:07AM	2211-04740-005		<0.001	✓		11/28/22	0.131	✓		11/28/22
2ND FLOOR STAFF SINK	11/13/2022 09:50AM	2211-04740-006		<0.001	✓		11/28/22	0.081	✓		11/28/22
ROOM 206 SINK	11/13/2022 10:15AM	2211-04740-007		0.003	✓		11/28/22	0.699	✓		11/28/22
C 2ND FLOOR BUBBLER	11/13/2022 09:52AM	2211-04740-008		<0.001	✓		11/28/22	0.100	✓		11/28/22
B 2ND FLOOR BUBBLER	11/13/2022 09:55AM	2211-04740-009		<0.001	✓		11/28/22	0.059	✓		11/28/22
C TECH ROOM SINK	11/13/2022 10:51AM	2211-04740-010		0.002	✓		11/28/22	0.266	✓		11/29/22
LAB WORK SINK	11/13/2022 10:55AM	2211-04740-011		<0.001	✓		11/28/22	0.304	✓		11/29/22
ROOM 232	11/13/2022 10:10AM	2211-04740-012		0.001	✓		11/28/22	0.065	✓		11/29/22
GYM LOBBY BUBBLER	11/13/2022 10:47AM	2211-04740-013		<0.001	✓		11/28/22	0.058	✓		11/29/22
GYM REAR BUBBLER	11/13/2022 10:49AM	2211-04740-014		<0.001	✓		11/29/22	0.053	✓		11/29/22
KITCHEN SINK	11/13/2022 11:10AM	2211-04740-015		<0.001	✓		11/29/22	0.118	✓		11/29/22
BOYS LOCKER ROOM SINK	11/13/2022 11:02AM	2211-04740-016		0.002	✓		11/29/22	0.097	✓		11/29/22
BOYS BATHROOM SINK	11/13/2022 10:30AM	2211-04740-017		<0.001	✓		11/29/22	0.144	✓		11/29/22

Peter C. Nevius
Laboratory Director



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DATE PRINTED:

11/30/2022

SYSTEM NAME: Carver High School and Middle School
SYSTEM TOWN: CARVER
SAMPLE CATEGORY: Routine Sample
SAMPLING AGENT: PWS Staff

SAMPLE AGENT #:
RECEIPT TEMP: 9.3° CELSIUS

SAMPLE LOCATION

CAFE 11/13/2022 11:05AM 2211-04740-018
LIBRARY SINK 11/13/2022 10:34AM 2211-04740-019
MENS ROOM NEXT TO ROOM 230 11/13/2022 10:07AM 2211-04740-020

CLIENT JOB #

LABORATORY
SAMPLE ID#

DATE/TIME
COLLECTED

LEAD *

Pass /Fail

DATE ANALYZED

COPPER *

Pass /Fail

DATE ANALYZED

DATE ANALYZED

Legend	
✓	Passes
✗	Fails EPA Primary
⚠	Fails EPA Secondary
✖	Fails State Guideline
⚠	Attention

EPA ID#: 4052064

WATER SYSTEM TYPE:

TEST UNITS:

METHOD:

MCL:

MDL (RL):

DATE & TIME RECEIVED: 11/23/2022 11:40AM

ANALYST: ZZ-MA
Copper EPA 200.7 Lead EPA 200.9
Copper 1.3 mg/L, Lead 0.015 mg/L
Copper 0.004 mg/L, Lead 0.001 mg/L

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Laboratory Director