Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Southeast Regional Office • 20 Riverside Drive, Lakeville MA 02347 • 508-946-2700

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LEAD AND COPPER (LCR) REVIEW SUMMARY SHEET

Requirements for Systems that *meet* the Action Levels

(90th percentile result was equal to or less than the Action Level)

The following is a review summary sheet for the results you submitted to the Department of Environmental Protection (MassDEP) for the compliance and monitoring period specified. This sheet is intended to help you remain in compliance with the LCR. To maintain compliance with the LCR you must take the specific action(s) checked (☒) below with their respective compliance dates. Please refer to the Drinking Water Regulations (310 CMR 22.00) for specific requirements relative to Lead and Copper and Consumer Confidence Report Rules.

PWS Name:	CARVER ELEMENTARY SCHOOL	PWS ID#:	4052007	TOWN:	CARVER

Sampling Date(s): 6/10,16/2020 **Round #:** 1 ☒ Revised Form
Compliance Period: 1/1/2020 to 6/30/2020 **Frequency:** ☒ Semiannual ☐ Annual ☐ Every 3 Years
Monitoring Period: 4/1/2020 to 6/30/2020 **Number of Samples Required?** 20
School/Childcare samples required per 310 CMR 22.06B(7)(a)9? Yes ☐, No ☒
Is PWS Currently providing treatment? Yes ☒, No ☐

SAMPLING RESULTS FOR LCR COMPLIANCE for the period specified above:

Parameter	Action Level (AL) (mg/l)	90th % (mg/l)	90th % >AL?	# samples	# samples above AL
Lead	**0.015**	0.000	no	20	0
Copper	**1.3**	0.260	no	20	0

☐ SCHOOL/CHILDCARE RESULTS for the period specified above:

School/ Sampling Results required by 310 CMR 22.06B(7)(a)9: This is an additional requirement for community water supplies with every sampling round unless the school/childcare facility has its own well. These four diagnostic samples are in addition to the minimum number required and the results are not used in determining the 90th percentiles for lead and copper. These samples are used to educate the school/school district or facility on the importance of lead and copper sampling and the MassDEP Lead Contamination Control Program (LCCA) for schools and facilities. The results for two (2) sampling sites (kitchen and drinking water source, such as a water fountain) for each of two schools/ facilities are summarized in the table below:

School/Childcare Sampling Location	Lead (mg/l)	> AL?	Copper (mg/l)	> AL?

PWS REQUIREMENTS WHEN THE LEAD & COPPER ACTION LEVELS ARE MET:

To maintain compliance with the LCR you must take the specific action(s) checked (☒) below with their respective compliance dates.

☒ **Notification to sampling program participants (Consumer Notice) required by 310 CMR 22.06B (6)(c):** All water systems must deliver a consumer notice of lead and copper tap water monitoring results to persons served by the water system at sites that are tested as soon as practical, but no later than 30 days after the system learns of the tap monitoring results.
A notification template for participating homeowners/individuals is available at:
http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/e-thru-l/lcrhn.doc
A notification template for participating schools or childcare facilities is available at:
http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/e-thru-l/lcrsn.doc
The Consumer Notice shall also include an explanation of the health effects of lead, steps consumers can take to reduce exposure to lead in drinking water, contact information for the public water system, the MCLG and action level for lead. MassDEP recommends that you also include a copy of the Massachusetts Department of Public Health's (MDPH) fact sheet on lead with your consumer notice. MDPH factsheets are available at www.mass.gov/dph/lead-sources

☒ **Certification of notice to sampling program participants (Consumer Notice) required by 310 CMR 22.06B(6)(c):** As soon as practical, but no later than within 90 days of the end of the monitoring period noted above, submit to MassDEP certification that persons served by the taps tested have been notified of the results. For a copy of the Certification form see http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/e-thru-l/lcrcert.doc

☐ **Consumer Confidence Reporting (CCR) required by 310 CMR 22.16A:** Community systems are required to include lead and copper results as provided above in your Consumer Confidence Report (CCR) except **lead** must be reported in parts per billion (**ppb**). For example, 0.015 mg/l is 15 ppb. Please note that every CCR must include a short informational statement about *lead* in drinking water and its effects on children. Please refer to the CCR requirements of 310 CMR 22.16A(12). For a copy of the CCR Certification form see http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/06-thru-d/ccrcert.doc

☐ **Schools/Childcare Facilities that are a PWS or were sampled by a community system:** Please remove from service any sites where the sample result was elevated for lead and/or copper until corrective action(s) have been taken. Within 60 days of the end of the Monitoring Period, please investigate & notify MassDEP of corrective actions taken to address the elevated lead and/or copper result(s) for samples collected from this school/childcare. Follow the MassDEP LCCA Follow-up Steps for Schools or Childcare Facilities listed at http://www.mass.gov/eea/docs/dep/water/drinking/alpha/i-thru-z/pbfacts2.doc .

☐ **School/Childcare Sampling required by 310 CMR 22.06B(7)(a)9: Sampling requirements**
Community systems that serve any schools/childcare facilities must rotate through their list of schools/childcare facilities and collect at least two samples (kitchen and bubbler/fountain) from two schools/childcare facilities during the next sampling round. Samples are to be 250 ml wide-mouthed bottles and follow the same first draw sampling protocol as residential sampling. Samples are to be collected when the school is in regular use. For schools sampling procedures see http://www.mass.gov/eea/agencies/massdep/water/drinking/how-to-collect-a-drinking-water-sample-for-lead-and-coppe.html

☐ **Systems on reduced monitoring in accordance with 310CMR 22.06B:** Your system is on a reduced sampling frequency. Your next round of --- must be collected during the monitoring period of ----------. Please follow your Water Quality Sampling Schedule and your approved Lead and Copper Sampling Plan.

☐ After approval of the overall sampling plan (LCR-A) by MassDEP, alternative LCR sites may be used without additional prior approval if: (1) the primary site was not above the LCR action level during the previous sampling round (if previously sampled) and (2) the alternate site is at the same or higher tier than the primary site. Alternately, if these two criteria cannot be met then prior written approval from MassDEP is required prior to using the alternate site. The use of alternate sites requires completion of the "Lead and Copper Sampling Plan Change in Sampling Site" form for each alternate site used and submittal of the form(s) to MassDEP with the lead and copper results for the round. A copy of the Lead and Copper Sampling Plan Change in Sampling Site Form is located at http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/m-thru-s/pbcuchng.doc

☐ **Eligibility for Sampling Reduction in accordance with 310 CMR 22.06B**:
A reduction in the frequency of lead/copper sampling is approved: ☐ Annual ☐ Every 3 years. Your next round of 5 sites must be collected during the monitoring period of--------. Please see the attached revised sampling schedule for your water system.

Please be aware that if you have been approved for a reduction in the frequency of lead and copper sampling and you routinely collected more than 5 samples per Monitoring Period, you qualify for a one time reduction in the minimum number of samples required to be collected. In order to be approved for a reduction in the **minimum number** of samples required, you must submit a revised sampling plan to MassDEP for review and approval. In developing your revised sampling plan please use the latest sampling round, order the results starting with the lowest lead level and then select every odd numbered site for inclusion in the reduced monitoring plan. However, all Tier 1 sites must be included before a Tier 2 site can be included. Your revised sampling plan must be submitted to MassDEP for review by ----------.

☒ **Corrosion Control Treatment as required by 310 CMR 22.06B(3)(c)3:** For water systems that utilize corrosion control treatment, it is required that they periodically monitor water quality parameters (e.g., pH, alkalinity, inhibitor residual) to ensure that the treatment system is operating optimally and in accordance with target level(s) identified in your desktop study or permit. These parameters can be easily measured in the field by the certified operator at the same time samples for bacteriological analysis are collected from the finished water entry point (plant tap) and at routine distribution sampling locations.

☒ EPA and MassDEP recommend that systems with corrosion control treatment follow the New EPA "Optimal Corrosion Control Treatment Evaluation Technical Recommendations", when evaluating corrosion control treatment issues. These recommendations provide the most appropriate treatment for controlling lead and copper and complying with the corrosion control treatment (CCT) requirements of the LCR. It is particularly useful for those systems that repeatedly fail to meet the Lead Action Level or are in close proximity to the Action Level. It is an opportunity for PWSs to re-evaluate treatment techniques in the context of possible changing water quality or the need of a more effective method of treatment. The document is available at: https://www.epa.gov/dwreginfo/optimal-corrosion-control-treatment-evaluation-technical-recommendations

☐ Other

Failure to take any required corrective actions within the deadlines identified above may subject you to enforcement. Violations of M.G.L. c 111, § 160 and 310 CMR 22.00 may result in fines up to $25,000 per day and/or imprisonment up to one year for each day the violation continues.

REMINDERS

Please see MassDEP recommendations on sharing information with consumers on lead and copper results, lead service line locations, having your certified laboratories use eDEP for reporting drinking water analysis, and other EPA and MassDEP LCR recommendations. These recommendations are located at http://www.mass.gov/eea/agencies/massdep/water/drinking/lead-in-drinking-water.html

AVAILABLE RESOURCES

Reporting forms are available on the MassDEP website at: http://www.mass.gov/eea/agencies/massdep/water/approvals/drinking-water-forms.html#9

For more information on the Lead and Copper Rule, see http://www.mass.gov/eea/agencies/massdep/water/approvals/drinking-water-forms.html#10 or contact the Drinking Water Program at program.director-dwp@state.ma.us or 617-292-5770.

For additional health information to share with your consumers see Massachusetts Department of Public Health's fact sheet on lead located at http://www.mass.gov/eohhs/docs/dph/environmental/lead/lead-drinking-water-faq-2016.pdf.

For EPA Lead and Copper Rule Monitoring and Reporting Guidance see https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P100DP2P.txt

FOR QUESTIONS AND MORE INFORMATION

Please contact:

Name:	Phone #:	Email:
Giliane Tardieu	(508) 946-2789	Giliane.tardieu@mass.gov

FOR SETH PICKERING

Drinking Water Program

Date 07/28/2020

Attachment(s): ☐ **Revised Sampling Plan Form WQA-A** ☐ _____
☐ _____ ☐ _____

cc:
With attachments: Certified Operator: Small Water Systems Services, LLC, P.O. Box 2014, Littleton, MA 01460
☐ecc
W/o attachments:
Carver Board of Health ☒ecc
MDPH ☐ecc

DEP Use Only: ☒ Data Entry-WQTS

File Copy
Y/SERO/CARVER/4052007-LCR-/ 2020-07-28
Final 10-19-16

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09498

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 001
Sample Description: RM 227
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:10

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.059	0.0010	mg/l	EPA 200.8	6/17/20	8:53	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	8:53	AJD

Sample Number: 002
Sample Description: RM 232
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:12

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.14	0.0010	mg/l	EPA 200.8	6/17/20	9:08	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:08	AJD

Sample Number: 003
Sample Description: RM 238
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:14

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.16	0.0010	mg/l	EPA 200.8	6/17/20	9:10	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:10	AJD

Sample Number: 004
Sample Description: RM 241
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:16

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.41	0.0010	mg/l	EPA 200.8	6/17/20	9:13	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:13	AJD

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09498

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 005
Sample Description: RM 250
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:11

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.080	0.0010	mg/l	EPA 200.8	6/17/20	9:15	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:15	AJD

Sample Number: 006
Sample Description: RM 262
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:02

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.066	0.0010	mg/l	EPA 200.8	6/17/20	9:18	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:18	AJD

Sample Number: 007
Sample Description: RM 263
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.15	0.0010	mg/l	EPA 200.8	6/17/20	9:20	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:20	AJD

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Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09499

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 001
Sample Description: RM 100
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:28

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.064	0.0010	mg/l	EPA 200.8	6/17/20	9:23	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:23	AJD

Sample Number: 002
Sample Description: RM 104
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:26

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.075	0.0010	mg/l	EPA 200.8	6/17/20	9:25	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:25	AJD

Sample Number: 003
Sample Description: RM 112
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:36

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.074	0.0010	mg/l	EPA 200.8	6/17/20	9:28	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:28	AJD

Sample Number: 004
Sample Description: RM 119 \
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:37

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.26	0.0010	mg/l	EPA 200.8	6/17/20	9:30	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:30	AJD

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09499

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 005
Sample Description: RM 132
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:34

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.25	0.0010	mg/l	EPA 200.8	6/17/20 9:38	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20 9:38	AJD

Sample Number: 006
Sample Description: RM 138
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:32

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.15	0.0010	mg/l	EPA 200.8	6/17/20 9:40	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20 9:40	AJD

Sample Number: 007
Sample Description: RM 184
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:41

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.051	0.0010	mg/l	EPA 200.8	6/17/20 9:43	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20 9:43	AJD

Sample Number: 008
Sample Description: RM 191
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:43

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.038	0.0010	mg/l	EPA 200.8	6/17/20 9:45	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20 9:45	AJD

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09499

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 009
Sample Description: RM 200
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:22

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.31	0.0010	mg/l	EPA 200.8	6/17/20	9:48	AJD
Lead	0.0014	0.0010	mg/l	EPA 200.8	6/17/20	9:48	AJD

Sample Number: 010
Sample Description: RM 205
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:20

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.050	0.0010	mg/l	EPA 200.8	6/17/20	9:50	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:50	AJD

Sample Number: 011
Sample Description: RM 211
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:18

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.19	0.0010	mg/l	EPA 200.8	6/17/20	9:53	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:53	AJD

Sample Number: 012
Sample Description: RM 212
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:05

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.068	0.0010	mg/l	EPA 200.8	6/17/20	9:56	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:56	AJD

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Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09499

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL LEAD AND COPPER PWS 4052007

Sample Number: 013
Sample Description: RM 218
Sample Type : GRAB
Sample Date / Time : 6/16/2020 @ 10:07

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Metals Analyzed by ICPMS							
Copper	0.070	0.0010	mg/l	EPA 200.8	6/17/20	9:58	AJD
Lead	<0.0010	0.0010	mg/l	EPA 200.8	6/17/20	9:58	AJD

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2006-09184

Project Name/PWS ID: NEW CARVER ELEMENTARY SCHOOL MONTHLY 4052007

Sample Number: 001
Sample Description: RW01G — RW 01G
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:10

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	6/10/20 18:56	LAB

Sample Number: 002
Sample Description: PT10000 — PT 10000
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:12

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	6/10/20 18:56	LAB

Sample Number: 003
Sample Description: RM 104 — RS 001
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:37

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	6/10/20 18:56	LAB

Sample Number: 004
Sample Description: RM 117 — RS 002
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	6/10/20 18:56	LAB

Sample Number: 005
Sample Description: RM 137 — RS 003
Sample Type : GRAB
Sample Date / Time : 6/10/2020 @ 10:20

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	6/10/20 18:56	LAB

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2005-06850

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL PWS 4052007

Sample Number: 001
Sample Description: PT10000
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 10:54

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
pH	8.6		SU	SM4500H+B	5/5/20	19:03	TML
Alkalinity (as CaCO3)	54	1.0	mg/l	SM2320B 18-21ed	5/6/20	17:20	JMD
Specific Conductance	230	1	uMHOS/CM	EPA 120.1	5/8/20	8:00	ML
Orthophosphate	<0.02	0.02	mg/l	SM 4500 P E-2011	5/5/20	21:08	TML
Total Metals							
Calcium	1.2	0.50	mg/l	EPA 200.7	5/6/20	15:40	AJD
Temperature upon receipt	3.7		degrees C	EPA 170.1	5/5/20	15:15	MK

The pH analysis ideally should be performed in the field. The pH analysis was performed by the laboratory as soon as possible after receipt.

Orthophosphate - Filtered upon receipt at the laboratory. The filtration should occur within fifteen minutes of sample collection.

Sample Number: 002
Sample Description: RM 104
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 11:17

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
pH	8.8		SU	SM4500H+B	5/5/20	19:03	TML
Alkalinity (as CaCO3)	52	1.0	mg/l	SM2320B 18-21ed	5/6/20	17:20	JMD
Specific Conductance	230	1	uMHOS/CM	EPA 120.1	5/8/20	8:00	ML
Orthophosphate	<0.02	0.02	mg/l	SM 4500 P E-2011	5/5/20	21:08	TML
Total Metals							
Calcium	1.2	0.50	mg/l	EPA 200.7	5/6/20	15:43	AJD
Temperature upon receipt	3.7		degrees C	EPA 170.1	5/5/20	15:15	MK

The pH analysis ideally should be performed in the field. The pH analysis was performed by the laboratory as soon as possible after receipt.

Orthophosphate - Filtered upon receipt at the laboratory. The filtration should occur within fifteen minutes of sample collection.

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2005-06850

Project Name/PWS ID: CARVER ELEMENTARY SCHOOL PWS 4052007

Sample Number: 003
Sample Description: RM 137
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 11:01

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
pH	8.6		SU	SM4500H+B	5/5/20	19:03	TML
Alkalinity (as CaCO3)	50	1.0	mg/l	SM2320B 18-21ed	5/6/20	17:20	JMD
Specific Conductance	230	1	uMHOS/CM	EPA 120.1	5/8/20	8:00	ML
Orthophosphate	<0.02	0.02	mg/l	SM 4500 P E-2011	5/5/20	21:08	TML
Total Metals							
Calcium	1.4	0.50	mg/l	EPA 200.7	5/6/20	15:46	AJD
Temperature upon receipt	3.7		degrees C	EPA 170.1	5/5/20	15:15	MK

The pH analysis ideally should be performed in the field. The pH analysis was performed by the laboratory as soon as possible after receipt.

Orthophosphate - Filtered upon receipt at the laboratory. The filtration should occur within fifteen minutes of sample collection.

Sample Number: 004
Sample Description: 10012
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 10:53

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Perchlorate	See Attached			EPA 331.0	5/8/20	7:29	*EF

*EF Perchlorate analyzed by Eurofins Eaton Analytical.

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2005-06851

Project Name/PWS ID: NEW CARVER ELEMENTARY SCHOOL BACTERIA PWSID 4052007

Sample Number: 001
Sample Description: ROOM 104 SINK — RS 001
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 11:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	5/5/20 16:23	AOO

Sample Number: 002
Sample Description: ROOM 117 SINK — RS 002
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 11:08

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	5/5/20 16:23	AOO

Sample Number: 003
Sample Description: ROOM 137 SINK — RS 003
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 11:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	5/5/20 16:23	AOO

Sample Number: 004
Sample Description: POST TRT-SCHOOL MECH. RM SINK — PT 10000
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 10:52

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	5/5/20 16:23	AOO

Sample Number: 005
Sample Description: RW01G — RW 01G
Sample Type : GRAB
Sample Date / Time : 5/05/2020 @ 10:50

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	5/5/20 16:23	AOO

R.I. Analytical Laboratories, Inc

Laboratory Report

SWSS-Small Water Sys. Services

Work Order #: 2004-05406

Project Name/PWS ID: NEW CARVER ELEMENTARY SCHOOL BACTERIA PWSID 4052007

Sample Number: 001
Sample Description: ROOM 104 SINK — RS 001
Sample Type : GRAB
Sample Date / Time : 4/07/2020 @ 09:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	4/7/20 18:15	EAM

Sample Number: 002
Sample Description: ROOM 117 SINK — RS 002
Sample Type : GRAB
Sample Date / Time : 4/07/2020 @ 09:25

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	4/7/20 18:15	EAM

Sample Number: 003
Sample Description: ROOM 137 SINK — RS 003
Sample Type : GRAB
Sample Date / Time : 4/07/2020 @ 09:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	4/7/20 18:15	EAM

Sample Number: 004
Sample Description: POST TREATMENT-SCHOOL MECH. RM — PT 10000
Sample Type : GRAB
Sample Date / Time : 4/07/2020 @ 09:06

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	4/7/20 18:15	EAM

Sample Number: 005
Sample Description: RW01G — RW 01G
Sample Type : GRAB
Sample Date / Time : 4/07/2020 @ 09:05

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Coliform (Colilert18)	Absent		/100 ml	SM9223B 19-21ed	4/7/20 18:15	EAM