NOTIFICATION: Individual Lead Water Sample Results

CHEBEAGUE ISLAND SCHOOL ME0000185

SAMPLE LOCATION	DATE SAMPLED	LEAD RESULT	LIST UNITS (ppm or ppb)
CIS-1 Drinking Water Fountain	9/7/2022	Not Detected (<0.5)	ug/L
CIS-2 3-Bay Sink	9/7/2022	0.58	ug/L
CIS-3 Cafeteria	9/7/2022	Not Detected (<0.5)	ug/L
CIS-4 Food Prep Sink	9/7/2022	Not Detected (<0.5)	ug/L
CIS-5 Handwash Sink	9/7/2022	Not Detected (<0.5)	ug/L

SAMPLE RESULTS

The Safe Drinking Water Act requires CHEBEAGUE ISLAND SCHOOL to provide notification on individual lead results from lead samples they collected. The table above provides that information (lead results listed in parts per billion).

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) & ACTION LEVEL

The MCLG for lead is zero and the action level is 15 parts per billion (ppb) or 0.015 parts per million (ppm). The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. The action level is the concentration of a contaminant which, if exceeded, triggers treatment of other requirements which a water system must follow.

NOTE: Parts per billion (ppb) is the same as µg/L and parts per million (ppm) is the same as mg/L.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red bloodcells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead morethan healthy adults. Lead is stored in the bones and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

STEPS YOU CAN TAKE TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER

Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
Use cold water for cooking and preparing baby formula: Lead dissolves more easily into hot water.
Do not boil water to remove lead: Boiling water will not reduce lead.
Remove loose solder and debris from plumbing materials: Remove the faucet strainers from all taps and run the water from 3 to 5 minutes. Thereafter, periodically remove the strainers and flush out any debris that has accumulated over time.
Identify and replace lead solder: Lead solder appears dull gray, and when scratched with a key becomes shiny. A licensed plumber should be able to help with lead solder identification and replacement(if applicable).
Have an electrician check your grounding: Check with a licensed electrician if grounding wires from the electrical system can be done so elsewhere (if applicable).
Look for alternative sources or treatment of water: You may want to consider purchasing bottled water or a water filter.

ADDITIONAL INFORMATION

For additional information, please contact CHEBEAGUE ISLAND SCHOOL at **Carol White at 846-4162**
For additional information on reducing lead exposure around your home/building, and the health effects
bsite at http://www.epa.gov/lead or contact your health care provider.

Department of Health and Human Services
Health and Environmental Testing Laboratory
221 State Street
#12 State House Station
Augusta, ME 04333-0012
Phone: (207)287-2727 Fax: (207)287-6832
TTY: 1-800-606-0215
EPA ID: ME00002

WHITE, CAROL A
CHEBEAGUE ISLAND SCHOOL
1 MAIN STREET
YARMOUTH ME 04096

Logged: 9/9/2022 1:19:04PM
Folder #: 2209162

Office Use Only:
Line Item
185
Public

Released: 9/15/2022

No. of Samples in Folder:(5)

2209162-01	TE4
2209162-02	TE4
2209162-03	TE4
2209162-04	TE4
2209162-05	TE4

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Jennifer L. Jamison, Operations Manager

Stephanie Mathias, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Edward J. Adams
Chemist III

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Lab Sample#: *2209162-01* **Sample Address:**
Sample Matrix: DW-H20 **Sample Point:** DS-1 **Surface:**
Description: DISTRIBUTION SYSTEM / DRINKING FOUNTAIN 14 SCHOOLHOUS **Sample Date:** 09/07/2022 **Sample Time:** 05:30:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
METALS_200.8 (200.8)									
Copper	<0.001	mg/L		1.3	0.001			09/13/2022 21:31:44	I.M.
Lead	<0.5	ug/L		15	0.5			09/13/2022 21:31:44	I.M.

Lab Sample#: *2209162-02* **Sample Address:**
Sample Matrix: DW-H20 **Sample Point:** DS-1 **Surface:**
Description: DISTRIBUTION SYSTEM / 3 BAY SINK IN KITCHEN 14 SCHOOLHOL **Sample Date:** 09/07/2022 **Sample Time:** 05:30:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
METALS_200.8 (200.8)									
Copper	0.078	mg/L		1.3	0.001			09/13/2022 21:36:44	I.M.
Lead	0.58	ug/L		15	0.5			09/13/2022 21:36:44	I.M.

Lab Sample#: *2209162-03* **Sample Address:**
Sample Matrix: DW-H20 **Sample Point:** DS-1 **Surface:**
Description: DISTRIBUTION SYSTEM / CAFETERIA SINK - MULTIPURPOSE 14 S **Sample Date:** 09/07/2022 **Sample Time:** 05:30:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
METALS_200.8 (200.8)									
Copper	0.28	mg/L		1.3	0.001			09/13/2022 21:41:46	I.M.
Lead	<0.5	ug/L		15	0.5			09/13/2022 21:41:46	I.M.

Low matrix spike percent recovery due to suspect matrix interference. Does not fail run
Attached By L.K. **Date** 09/14/2022 **Time** 10:13:48

Lab Sample#: *2209162-04* **Sample Address:**
Sample Matrix: DW-H20 **Sample Point:** DS-1 **Surface:**
Description: DISTRIBUTION SYSTEM / FOOD PREP SINK 14 SCHOOLHOUSE RO **Sample Date:** 09/07/2022 **Sample Time:** 05:30:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
METALS_200.8 (200.8)									
Copper	0.044	mg/L		1.3	0.001			09/13/2022 21:56:44	I.M.
Lead	<0.5	ug/L		15	0.5			09/13/2022 21:56:44	I.M.

Lab Sample#: *2209162-05* **Sample Address:**
Sample Matrix: DW-H20 **Sample Point:** DS-1 **Surface:**
Description: DISTRIBUTION SYSTEM / HANDWASH SINK 14 SCHOOLHOUSE R **Sample Date:** 09/07/2022 **Sample Time:** 05:30:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
METALS_200.8 (200.8)									
Copper	0.061	mg/L		1.3	0.001			09/13/2022 22:01:46	I.M.
Lead	<0.5	ug/L		15	0.5			09/13/2022 22:01:46	I.M.

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Units & Measurement

"**mg/L**" = Milligrams per liter; "**ug/L**" = Micrograms per Liter; "**mg/Kg**" = Milligrams per Kilogram;
"**ug/Kg**" = Micrograms per Kilogram; "**NTU**" = Nephelometric Turbidity Units; "**pCi/L**" = Picocuries per Liter;

The MCL, Maximum Contaminant Level is listed for comparing your results with recommended levels.
In the "**Qualifier**" column, **an " ** "** is placed to indicate any results that **exceed** this MCL.

If there are no " * " in the "Qualifier" column, your result is considered satisfactory for those tests.

All solid results are reported on a "**Dry Weight**" basis.
Blanks are analyzed, but sample results are not blank corrected.

RL-Reporting Limit is the lowest concentration which can be reliably reported on a routine basis.
"<" = Less than ">" = Greater than

MCL - Maximum Contaminant Level is the highest level allowed by EPA for public water supplies. Also used here as the maximum advisory limit set by the Maine Centers for Disease Control and Prevention.

Note: Results below the advisory limit, including < and J are considered satisfactory for that parameter.
Results are from the samples as received.

Disclaimer

Your report consists of the number of pages listed on the cover page. Any attachments after the last numbered page are for informational purposes only and are not part of the formal report.
The results in this report are for the submitted sample(s) only.
This report shall not be reproduced, except in full, without written permission from the Maine Health and Environmental Testing Laboratory.

Qualifiers Legend:

User selectable

Code	Description
*	> Secondary Limit
**	> MCL
~	Approximately
Ach	Above Calibration Curve
B	Blank Contamination
Fl	Fluoride result is between 2 and 4 ppm
Hi	
J	<RL>MDL
Lo	
Nan	Not Analyzed
Nc	Not Confirmed
Nt	NonTarget Compound
R	Rejected
Rec	Recovery
T	Temperature does not meet criteria
U	Undetected