



Douglas Public Schools

21 Davis Street, Douglas, MA 01516 (508) 476-7901 FAX (508) 476-4423 www.douglasps.net

Paul D. Vieira, Ed.D., Superintendent of Schools

Donna Sousa, Director of Technology
Cindy Socha, Curriculum Director

Cortney Keegan, Business & Operations Manager
Nealy Urquhart, Assistant Superintendent of Student Support Services

Date: Thursday, May 6, 2021
To: Douglas Public School District Parents/Students/Staff
From: Cortney Keegan, Business & Operations Manager *ck*
RE: Primary School & Elementary School Water Bottle Filling Stations – Installation

In April we installed (2) water bottle filling stations. One is located at the Primary School and one is located at the Elementary School.

These water bottle filling stations were installed pursuant to a \$6,000 grant received from the School Water Improvement (SWIG) program. The total cost was \$8,489.93. The remainder of the costs beyond the grant amount was paid from other available funds.

After installation of the Point of Use (POU) devices the district conducted an initial water quality sampling as required by MassDep for both lead and copper. R.I. Analytical conducted the water quality sampling tests in accordance with Massachusetts Department of Environmental Protection regulations under 310 CMR 42.00 (attached) and indicates levels within the limits.

Unfortunately, due to COVID, the water bottle filling stations will not be available for use for this school year. They will be available beginning with the 2021 – 2022 school year, assuming that we are back to normal operations.

Excellence in Education

LABORATORY REPORT

Douglas Public Schools
Attn: Jeff Kollett
21 Davis Street
Douglas, MA 01516

Date Received: 4/15/2021
Date Reported: 4/26/2021
P.O. #: 30007164-00

Work Order #: 2104-05980
Project Name: LEAD AND COPPER MONITORING

Enclosed are the analytical results and Chain of Custody for your project referenced above. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable, indication of sample analysis at our Hudson, MA laboratory and/or subcontracted results are noted and subcontracted reports are enclosed in their entirety.

All samples were analyzed within the established guidelines of US EPA approved methods and in accordance with Massachusetts Department of Environmental Protection regulations under 310 CMR 42.00, unless otherwise noted at the end of a given sample's analytical results or in a case narrative. Laboratory certification status for a given analyte and/or method may be referenced on the enclosed Certification Summary.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

These results only pertain to the samples submitted for this Work Order # and this report shall not be reproduced except in its entirety.

We certify that the following results are true and accurate to the best of our knowledge. If you have

Approved by:



Krzysztof Trafalski
Laboratory Director

Massachusetts Department of Environmental Protection Laboratory Identification Numbers:
Warwick, RI M-RI015

R.I. Analytical Laboratories, Inc

Laboratory Report

Douglas Public Schools

Work Order #: 2104-05980

Project Name/PWS ID: LEAD AND COPPER MONITORING

Sample Number: 001
Sample Description: BUBBLER #17-PRIMARY SCH. INIT
Sample Type : GRAB
Sample Date / Time : 4/15/2021 @ 10:10

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.036	0.0020	mg/l	EPA 200.8	4/22/21 15:36	CEV
Lead	<0.0010	0.0010	mg/l	EPA 200.8	4/22/21 15:36	CEV

Sample Number: 002
Sample Description: BUBBLER #17-PRIMARY SCH. 30S F
Sample Type : GRAB
Sample Date / Time : 4/15/2021 @ 10:10

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.0050	0.0020	mg/l	EPA 200.8	4/22/21 15:33	CEV
Lead	<0.0010	0.0010	mg/l	EPA 200.8	4/22/21 15:33	CEV

Sample Number: 003
Sample Description: BUBBLER #1-ELEM SCHOOL INITIAL
Sample Type : GRAB
Sample Date / Time : 4/15/2021 @ 10:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.013	0.0020	mg/l	EPA 200.8	4/22/21 15:39	CEV
Lead	<0.0010	0.0010	mg/l	EPA 200.8	4/22/21 15:39	CEV

Sample Number: 004
Sample Description: BUBBLER #1 ELEM SCHOOL 30S FL
Sample Type : GRAB
Sample Date / Time : 4/15/2021 @ 10:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Total Metals Analyzed by ICPMS						
Copper	0.0050	0.0020	mg/l	EPA 200.8	4/22/21 15:41	CEV
Lead	<0.0010	0.0010	mg/l	EPA 200.8	4/22/21 15:41	CEV

MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION CERTIFICATION SUMMARY**MICROBIOLOGY**

(Warwick and Hudson Laboratories)

Non-Potable Water		Potable Water	
<i>Warwick only</i> Fecal Coliform (Wastewater)	SM 9221E	Heterotrophic Plate Count *	SM 9215B
Fecal Coliform (Wastewater) *	SM 9222D	Total Coliform - Water Treatment and Distribution (P/A) *	SM 9222B, SM 9223
<i>Hudson only</i> E. coli (Ambient, Waste Water)	SM 9223B	<i>Hudson only</i> Total Coliform (Source Enumeration)	SM 9223B
Enterococci (Ambient, Source Water) *	Enterolert	E. coli - Treatment and Distribution (P/A), Source Enumeration *	SM 9223, SM 9222G, SM 9223B
		Enterococci - Source (P/A) *	Enterolert

* Indicates certification at both laboratory locations

CHEMISTRY

(Warwick Laboratory Only)

Non-Potable Water		Potable Water	
Specific Conductivity	EPA 120.1	Turbidity	EPA 180.1
Iron, Titanium, Hardness (CaCO ₃); Total, Calcium, Magnesium, Sodium, Potassium	EPA 200.7	Sodium, Calcium	EPA 200.7
Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc	EPA 200.7, EPA 200.8	Barium, Beryllium, Cadmium, Chromium, Copper, Nickel, Silver	EPA 200.7, EPA 200.8
Mercury	EPA 245.1	Antimony, Arsenic, Lead, Selenium, Thallium	EPA 200.8
Nitrate, Sulfate, Chloride, Fluoride	EPA 300.0	Mercury	EPA 245.1
Ammonia	EPA 350.1, SM 4500-NH ₃ -B,H	Nitrate-N, Nitrite-N, Fluoride, Sulfate	EPA 300.0
Phenolics, Total	EPA 420.1	Volatile Organic Compounds, Trihalomethanes	EPA 524.2
Polychlorinated Biphenyls (Oil)	EPA 600/4-81-045	Haloacetic Acids	EPA 552.2
Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Sulfate, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, Polychlorinated Biphenyls (Water)	EPA 608.3	Alkalinity, Total	SM 2320B
Volatile Halocarbons, Volatile Aromatics	EPA 624.1	Total Dissolved Solids	SM 2540C
SVOC- Acid Extractable, SVOC- Base/Neutral Extractable	EPA 625.1	Chlorine, Free Residual	SM 4500-CL-G
Oil and Grease	EPA 1664	Cyanide, Total	SM 4500-CN-C,E
Alkalinity; Total	SM 2320B	pH	SM 4500-H-B
Non-Filterable Residue	SM 2540D		
Chloride	SM 4500-CL-B		
Chlorine, Total Residual	SM 4500-CL-G		
Cyanide, Total	SM 4500-CN,E		
Fluoride	SM 4500-F-B,D		
pH	SM 4500-H-B		
Kjeldahl Nitrogen	SM 4500-NORG-D		
Orthophosphate	SM 4500-P-E		
Phosphorous, Total	SM 4500-P-B,E		
Biochemical Oxygen Demand	SM 5210B		
Chemical Oxygen Demand	SM 5220D		
Total Organic Carbon	SM 5310C		

Please Note: MA DEP does not offer certification for the soil/solid matrices or SW-846 methods.



CHAIN OF CUSTODY RECORD

41 Illinois Avenue
 Warwick, RI 02888-3007
 Tel: 800-937-2580

131 Coolidge St., Suite 105
 Hudson, MA 01749-1331
 Tel: 800-937-2580

Date Collected	Time Collected	Field Sample Identification	Grab or Composite	# of Containers & Type	Preservation Code	Matrix Code	Total Metals: Pb & Cu														
4/15/21	1010	Bubbler #17 (Replaced with Bottle Filler) - Primary School Initial	G	1P	N	DW	X														
	1010	Bubbler #17 (Replaced with Bottle Filler) - Primary School 30 sec Flush	G	1P	N	DW	X														
	1015	Bubbler #1 (Replaced with Bottle Filler) - Elementary School Initial	G	1P	N	DW	X														
	1015	Bubbler #1 (Replaced with Bottle Filler) - Elementary School 30 sec Flush	G	1P	N	DW	X														

Client Information		Project Information	
Company Name:	Douglas Public Schools	Project Name:	Lead and Copper Monitoring
Address:	21 Davis Street	P.O. Number:	30007164-00
City / State / Zip:	Douglas, MA 01516	Project Number:	
Main Telephone:	508-887-0952	Report To:	Jeff Kollett
Contact Person:	Jeff Kollett	Cell:	
		Sampled by:	RIA Ramp
		Quote No:	
		Email addresses:	jkollett@douglasps.net
		Phone:	

Retrieved By Signatures	Date	Time	Received By Signatures	Date	Time
<i>[Signature]</i>	4/15/21	1230	<i>[Signature]</i>	4/15/21	1230

Reporting Options		Turn Around Time	
MCP Standard	_____	Normal	_____
MWRA eSMART	_____	5-7 Business days	_____
State Report & Upload	_____	Rush - Date Due:	____/____/____
		Lab Use Only	
		Sample Pick Up Only	
		RIAL sampled; attach field hours	
		Received on Ice <input checked="" type="checkbox"/> No Ice	

Project Comments

2104-05980