



Portsmouth School Department – SAU 52

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www.cityofportsmouth.com/school

DATE: March 20, 2024
TO: Zach McLaughlin, Superintendent
FROM: Ken Linchey, Director of Buildings & Grounds
RE: Lead Testing Update

We continue to move ahead with our remediation plan from round 2 lead test results. Here is a status update.

- Signage has been posted at all outlets saying “Do Not Drink, Hand-Washing Only”.
- On December 16, 2023, I conducted follow-up sampling to better understand the reliability of the August samples. Even though the follow-up testing showed lower numbers, it still showed that lead levels were present. See attached Excel sheet.
- During Christmas break, we installed two different types of filtrations systems. One filtration system was installed in a classroom and one filtration system was installed in a kitchen. Both filtration systems yielded great results based on their application.
- New fixtures and filtration systems have been purchased and installed at all outlets that registered above 5ppb based on the August 9, 2023 test results.
- Water bubblers that registered above 5ppb were removed from service. New water bubblers have arrived and will be installed as soon as I can secure a date with the plumbers.

Round 3 sampling will be conducted within the next couple of weeks. Once I have those results back, I will file for reimbursement through the State of New Hampshire DES grant.

R2 Outlet ID	Facility Name	Room	Outlet Type	Remediation	RD 1 Dates	RD 1 Results	R2 Date	R2 Results	Retest Date	R2 Retest (ppb)	Remediation	Retest 1/05/24
1 22515-1	Little Harbour School	#310	Classroom Faucet	Fixture / outlet replacement, pos	2019	2.8	8/9/2023	93	12/16/2023	11	Fixture Replaced/ Filtration installed	
2 22515-3	Little Harbour School	308	Classroom Faucet	Fixture / outlet replacement, pos	2019	7.3	8/9/2023	6.8	12/16/2023	3.7	Fixture Replaced/ Filtration installed	
3 22515-5	Little Harbour School	#307	Classroom Faucet	Fixture / outlet replacement, pos	2019	3.5	8/9/2023	14	12/16/2023	5.1	Fixture Replaced/ Filtration installed	
4 22515-6	Little Harbour School	#306	Classroom Faucet	Fixture / outlet replacement, pos	2019	3.9	8/9/2023	7.2	12/16/2023	4.2	Fixture Replaced/ Filtration installed	
5 22515-7	Little Harbour School	#305	Classroom Faucet	Fixture / outlet replacement, pos	2019	1.4	8/9/2023	11	12/16/2023	3.1	Fixture Replaced/ Filtration installed	
6 22515-8	Little Harbour School	#304	Classroom Faucet	Fixture / outlet replacement, pos	2019	1.4	8/9/2023	5.5	12/16/2023	2.6	Fixture Replaced/ Filtration installed	
8 22515-10	Little Harbour School	#302	Classroom Faucet	Fixture / outlet replacement, pos	2019	3.6	8/9/2023	8.1	12/16/2023	2.8	Fixture Replaced/ Filtration installed	
9 22515-19	Little Harbour School	Rm 314	Classroom Faucet	Fixture / outlet replacement, pos	2019	14	8/9/2023	19	12/16/2023	19	Fixture Replaced/ Filtration installed	
# 22515-20	Little Harbour School	#313	Classroom Faucet	Fixture / outlet replacement, pos	2019	3.3	8/9/2023	22	12/16/2023	4	Fixture Replaced/ Filtration installed	
# 22515-21	Little Harbour School	#312	Classroom Faucet	Fixture / outlet replacement, pos	2019	3.3	8/9/2023	9	12/16/2023	9	Fixture Replaced/ Filtration installed	
# 22515-24	Little Harbour School	Rm 102	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/9/2023	5.6	12/16/2023	0.83	Fixture Replaced/ Filtration installed	
# 22515-25	Little Harbour School	Rm 103	Classroom Faucet	Fixture / outlet replacement, pos	2019	2.6	8/9/2023	110	12/16/2023	7.1	Fixture Replaced/ Filtration installed	1.5 ppb
# 22515-28	Little Harbour School	Rm 106	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/9/2023	31	12/16/2023	18	Fixture Replaced/ Filtration installed	
# 22515-30	Little Harbour School	125	Classroom Faucet	Fixture / outlet replacement, pos	2019	1	8/9/2023	6.2	12/16/2023	2.5	Fixture Replaced/ Filtration installed	
# 22515-35	Little Harbour School	111	Classroom Faucet	Fixture / outlet replacement, pos	2019	2.9	8/9/2023	8.8	12/16/2023	1.3	Fixture Replaced/ Filtration installed	
# 22515-36	Little Harbour School	112	Classroom Faucet	Fixture / outlet replacement, pos	2019	6.3	8/9/2023	5.7	12/16/2023	2.4	Fixture Replaced/ Filtration installed	
1 22545-6	Mary C. Dondero Elementary School	Nurse Office	Nurse's Sink	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	180	12/16/2023	19	Fixture Replaced/ Filtration installed	
2 22545-7	Mary C. Dondero Elementary School	Rm 5	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	16	12/16/2023	1.1	Fixture Replaced/ Filtration installed	
3 22545-8	Mary C. Dondero Elementary School	#6	Classroom Faucet	Fixture / outlet replacement, pos	2019	1.2	8/8/2023	11	12/16/2023	2.2	Fixture Replaced/ Filtration installed	
4 22545-9	Mary C. Dondero Elementary School	#7	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	12	12/16/2023	1.4	Fixture Replaced/ Filtration installed	
5 22545-10	Mary C. Dondero Elementary School	#8	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	15	12/16/2023	0.92	Fixture Replaced/ Filtration installed	
6 22545-12	Mary C. Dondero Elementary School	Rm #10	Classroom Faucet	Fixture / outlet replacement, pos	2019	10	8/8/2023	11	12/16/2023	1.6	Fixture Replaced/ Filtration installed	
7 22545-15	Mary C. Dondero Elementary School	Smith Rm 3	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	6.7	12/16/2023	1.1	Fixture Replaced/ Filtration installed	
8 22545-18	Mary C. Dondero Elementary School	#16	Classroom Faucet	Fixture / outlet replacement, pos	2019	2.4	8/8/2023	6.8	12/16/2023	2.6	Fixture Replaced/ Filtration installed	
9 22545-20	Mary C. Dondero Elementary School	Rm 28	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	7.7	12/16/2023	0.92	Fixture Replaced/ Filtration installed	
# 22545-24	Mary C. Dondero Elementary School	Rm 22	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	8.7	12/16/2023	0.69	Fixture Replaced/ Filtration installed	
# 22545-25	Mary C. Dondero Elementary School	#24	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	5.9	12/16/2023	1.2	Fixture Replaced/ Filtration installed	
# 22545-27	Mary C. Dondero Elementary School	Rm 30	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	8.7	12/16/2023	3.7	Fixture Replaced/ Filtration installed	
# 22545-28	Mary C. Dondero Elementary School	Rm 31	Classroom Faucet	Fixture / outlet replacement, pos	2019	1.2	8/8/2023	7.5	12/16/2023	1.4	Fixture Replaced/ Filtration installed	
1 22525-1	New Franklin School	Rm #1	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/10/2023	8.5	12/16/2023	1.4	Fixture Replaced/ Filtration installed	
2 22525-5	New Franklin School	#5	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/10/2023	6.7	12/16/2023	3	Fixture Replaced/ Filtration installed	
3 22525-16	New Franklin School	Bubbler Rm 1	Drinking Fountain	Fixture turned off / removed, Filt	2019	BRL	8/10/2023	11	12/16/2023	13	Closed/Work in progress	
4 22525-17	New Franklin School	Nurse Office	Classroom Faucet	Fixture / outlet replacement, pos	2019	2.6	8/10/2023	6.3	12/16/2023	6.2	Fixture Replaced/ Filtration installed	
1 22565-8	Portsmouth High School	Bubbler by 1	Classroom Faucet	Fixture turned off / removed, Filt	2019	BRL	8/8/2023	5.9	12/16/2023	Removed	Closed/Work in progress	
2 22565-13	Portsmouth High School	Bubler Boys 5	Drinking Fountain	Fixture turned off / removed, Filt	2019	BRL	8/8/2023	7.6	12/16/2023	Removed	Closed/Work in progress	
3 22565-26	Portsmouth High School	Bubbler 2C	Drinking Fountain	Fixture turned off / removed, Filt	2019	BRL	8/8/2023	38	12/16/2023	Removed	Closed/Work in progress	
4 22565-30	Portsmouth High School	T9	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/8/2023	19	12/16/2023	ND	Fixture Replaced	
1 22510-7	Portsmouth Middle School	A207	Classroom Faucet	Fixture / outlet replacement, pos	2019	BRL	8/9/2023	9.9	12/16/2023	ND	Fixture Replaced	
1	RJLA	Kitchen	Faucet	Fixture / outlet replacement, pos	2018	1.3	8/9/2023	41	12/16/2023	10	Fixture Replaced/ Filtration installed	0.56 ppb