

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Lafayette Elementary School**

Updated February 26, 2020

General Information:

Plumbing piping materials: mainly copper

Remediation plan:

This remediation plan is based on a Water Quality policy approved by the School Board. The policy includes standards for the presence of lead, cadmium, copper, iron and other substances in drinking water.

Sinks (S in the report) are not considered drinking water sources. We recognize that there is the potential for students to want to drink from classroom hand-washing sinks, so we test all of those. Where a student's choice to drink from a sink could be a problem, we post a reminder sign, as we do at all restroom sinks.

Status:

Policy Criteria:

All sources that meet the policy criteria.

.

Follow-up monitoring: Will be performed in school year 2022-2023.

Service: The school will be flushed after any breaks longer than five days.

Water Quality Testing Results:

Legend

Symbol	Definition
SE	service entry (main)
B	bubbler
S	sink (faucet)
B/S	sink/bubbler combination
S/B	sink/bubbler combination
ppb	parts per billion
ppm	parts per million
NA	not applicable
None	no action required
Unk	unknown status or action
Sample	sample needs to be taken
Re-test	fixture needs to be resampled
Conf	resample to confirm measurement
No flush	not flushed before sampling
Sink	sampled faucet of S/B combo
Used	recently used; no 1st draw sample possible
PS	post sign
Disable(d)	fixture disabled in response to water quality testing
BDSS	Bubbler disabled, sign on sink
IF	install filter
RB	replace bubbler
RB/IF	replace bubbler and/or install filter
RF	replace faucet
RF/IF	replace faucet and/or install filter
BW	disable fixture and provide bottled water until remediated
Leaks	leaking fixture
NW	not working properly (sample S when B of S/B NW)
OS	out of service - disabled until fixed
RS	return to service - now passes testing
Rem	Removed from system - no longer exists

Table 1. Summary of Results

FIXTURE INFORMATION			LEAD		CADMIUM		COPPER		IRON		OK?
Fixture ID	Type	Location	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Yes/No/Status
01	B	hallway	P	None	P	None	P	None	P	None	Yes
02	BF	hallway	P	None	P	None	P	None	P	None	Yes
05	B	hallway, left	P	None	P	None	P	None	P	None	Yes
06	B	hallway, right	P	None	P	None	P	None	P	None	Yes
09	B	hallway (left) tall	P	None	P	None	P	None	P	None	Yes
10	B	hallway (right) short	P	None	P	None	P	None	P	None	Yes
14	B	cafeteria	P	None	P	None	P	None	P	None	Yes
15	B	room 1	P	None	P	None	P	None	P	None	Yes
16	B	room 2	P	None	P	None	P	None	P	None	Yes
17	S	room 24	P	None	P	None	P	None	P	None	Yes
18	S	room 20	P	None	P	None	P	None	P	None	Yes
22A	S	kitchen left	P	None	P	None	P	None	P	None	Yes
22B	S	kitchen right	P	None	P	None	P	None	P	None	Yes
23	S	nurse's office	P	None	P	None	P	None	P	None	Yes
24	S	teachers lounge	P	None	P	None	P	None	P	None	Yes
27	S	room 21	P	None	P	None	P	None	P	None	Yes
28	S	room 22	P	None	P	None	P	None	P	None	Yes
29	S	room 23	P	None	P	None	P	None	P	None	Yes
30	S	room 25	P	None	P	None	P	None	P	None	Yes
31	S	room 26	P	None	P	None	P	None	P	None	Yes
32	S	room 4 (computer lab)	P	None	P	None	P	None	P	None	Yes
33	S	room 6	P	None	P	None	P	None	P	None	Yes
34	S	room 8	P	None	P	None	P	None	P	None	Yes
35	S	room 10	P	None	P	None	P	None	P	None	Yes
36	S	room 12	P	None	P	None	P	None	P	None	Yes
37	S	room 14	P	None	P	None	P	None	P	None	Yes
38	S	room 16	P	None	P	None	P	None	P	None	Yes
39	S	room 18	P	None	P	None	P	None	P	None	Yes
40	S	room 19	P	None	P	None	P	None	P	None	Yes
41	S	room 17	P	None	P	None	P	None	P	None	Yes
42	S	room 15	P	None	P	None	P	None	P	None	Yes
43	S	room 13	P	None	P	None	P	None	P	None	Yes
44	S	room 11	P	None	P	None	P	None	P	None	Yes
45	S	room 9	P	None	P	None	P	None	P	None	Yes
46	S	library north	P	None	P	None	P	None	P	None	Yes
47	S	library south	P	None	P	None	P	None	P	None	Yes
49	S	gym office	P	None	P	None	P	None	P	None	Yes
50	S	office workroom	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			7/19/2012			10/27/2015			8/27/2019			2/1/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	B	hallway	<1	<1	P	<1	<1	P				<1	<1	P	P	None
02	BF	hallway	<1	<1	P	<1	<1	P				<1	<1	P	P	None
05	B	hallway, left	<1	<1	P	2	<1	P				<1	<1	P	P	None
06	B	hallway, right	<1	<1	P	<1	<1	P							P	None
09	B	hallway (left) tall	<1	<1	P	<1	<1	P				<1	<1	P	P	None
10	B	hallway (right) short	<1	<1	P	<1	<1	P				<1	<1	P	P	None
14	B	cafeteria	2	1	P	2	<1	P							P	None
15	B	room 1	2	<1	P	<1	<1	P				1	<1	P	P	None
16	B	room 2	1	<1	P	2	3	P				<1	<1	P	P	None
17	S	room 24	2	<1	P	<1	<1	P				<1	<1	P	P	None
18	S	room 20	5	<1	P	7	<1	P				1	<1	P	P	None
22A	S	kitchen left	2	<1	P	1	<1	P				1	<1	P	P	None
22B	S	kitchen right	2	2	P	<1	<1	P				<1	<1	P	P	None
23	S	nurse's office	5	<1	P	1	<1	P				<1	<1	P	P	None
24	S	teachers lounge	3	<1	P	<1	<1	P				<1	<1	P	P	None
27	S	room 21	3	<1	P	4	<1	P				<1	<1	P	P	None
28	S	room 22	4	<1	P	4	<1	P				3	<1	P	P	None
29	S	room 23	2	<1	P	2	<1	P				1	<1	P	P	None
30	S	room 25	6	1	P	2	<1	P				<1	<1	P	P	None
31	S	room 26	5	<1	P	3	<1	P				<1	<1	P	P	None
32	S	room 4 (computer lab)	5	<1	P	3	2	P				7	1	P	P	None
33	S	room 6	2	<1	P	1	<1	P				<1	<1	P	P	None
34	S	room 8	2	<1	P	3	<1	P				<1	<1	P	P	None
35	S	room 10	3	<1	P	4	<1	P				3	<1	P	P	None
36	S	room 12	4	<1	P	<1	<1	P				<1	<1	P	P	None
37	S	room 14	6	<1	P	2	<1	P				<1	<1	P	P	None
38	S	room 16	2	<1	P	3	<1	P				<1	<1	P	P	None
39	S	room 18	2	<1	P	1	1	P				<1	<1	P	P	None
40	S	room 19	4	<1	P	2	1	P				2	<1	P	P	None
41	S	room 17	2	<1	P	5	1	P				2	1	P	P	None
42	S	room 15	4	<1	P	5	<1	P				2	<1	P	P	None
43	S	room 13	3	<1	P	5	<1	P				2	<1	P	P	None
44	S	room 11	4	1	P	13	<1		1	1	P	<1	<1	P	P	None
45	S	room 9	4	<1	P	1	<1	P				2	<1	P	P	None
46	S	library north	9	<1	P	7	2	P				1	1	P	P	None
47	S	library south	16	<1								3	2	P	P	None
49	S	gym office	3	<1	P	4	<1	P				<1	<1	P	P	None
50	S	office workroom	1	<1	P	4	<1	P				<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			7/19/2012			10/27/2015			2/1/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	B	hallway	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	BF	hallway	<1	<1	P	<1	<1	P	<1	<1	P	P	None
05	B	hallway, left	<1	<1	P	<1	<1	P	<1	<1	P	P	None
06	B	hallway, right	<1	<1	P	<1	<1	P				P	None
09	B	hallway (left) tall	<1	<1	P	<1	<1	P	<1	<1	P	P	None
10	B	hallway (right) short	<1	<1	P	<1	<1	P	<1	<1	P	P	None
14	B	cafeteria	<1	<1	P	<1	<1	P				P	None
15	B	room 1	<1	<1	P	<1	<1	P	<1	<1	P	P	None
16	B	room 2	<1	<1	P	<1	<1	P	<1	<1	P	P	None
17	S	room 24	<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	S	room 20	<1	<1	P	<1	<1	P	<1	<1	P	P	None
22A	S	kitchen left	<1	<1	P	<1	<1	P	<1	<1	P	P	None
22B	S	kitchen right	<1	<1	P	<1	<1	P	<1	<1	P	P	None
23	S	nurse's office	<1	<1	P	<1	<1	P	<1	<1	P	P	None
24	S	teachers lounge	<1	<1	P	<1	<1	P	<1	<1	P	P	None
27	S	room 21	<1	<1	P	<1	<1	P	<1	<1	P	P	None
28	S	room 22	<1	<1	P	<1	<1	P	<1	<1	P	P	None
29	S	room 23	<1	<1	P	<1	<1	P	<1	<1	P	P	None
30	S	room 25	<1	<1	P	<1	<1	P	<1	<1	P	P	None
31	S	room 26	<1	<1	P	<1	<1	P	<1	<1	P	P	None
32	S	room 4 (computer lab)	<1	<1	P	<1	<1	P	<1	<1	P	P	None
33	S	room 6	<1	<1	P	<1	<1	P	<1	<1	P	P	None
34	S	room 8	<1	<1	P	<1	<1	P	<1	<1	P	P	None
35	S	room 10	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	S	room 12	<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	S	room 14	<1	<1	P	<1	<1	P	<1	<1	P	P	None
38	S	room 16	<1	<1	P	<1	<1	P	<1	<1	P	P	None
39	S	room 18	<1	<1	P	<1	<1	P	<1	<1	P	P	None
40	S	room 19	<1	<1	P	<1	<1	P	<1	<1	P	P	None
41	S	room 17	<1	<1	P	<1	<1	P	<1	<1	P	P	None
42	S	room 15	<1	<1	P	<1	<1	P	<1	<1	P	P	None
43	S	room 13	<1	<1	P	<1	<1	P	<1	<1	P	P	None
44	S	room 11	<1	<1	P	<1	<1	P	<1	<1	P	P	None
45	S	room 9	<1	<1	P	<1	<1	P	<1	<1	P	P	None
46	S	library north	<1	<1	P	<1	<1	P	<1	<1	P	P	None
47	S	library south	<1	<1	P				<1	<1	P	P	None
49	S	gym office	<1	<1	P	<1	<1	P	<1	<1	P	P	None
50	S	office workroom	<1	<1	P	<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			7/19/2012			10/27/2015			2/1/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	B	hallway	0.148	0.132	P	0.199	0.174	P	0.104	0.102	P	P	None
02	BF	hallway	0.118	0.099	P	0.169	0.158	P	0.129	0.099	P	P	None
05	B	hallway, left	0.43	0.29	P	0.308	0.272	P	0.603	0.546	P	P	None
06	B	hallway, right	0.392	0.346	P	0.29	0.274	P				P	None
09	B	hallway (left) tall	0.202	0.157	P	0.235	0.187	P	0.271	0.199	P	P	None
10	B	hallway (right) short	0.226	0.177	P	0.177	0.162	P	0.212	0.158	P	P	None
14	B	cafeteria	0.066	0.063	P	0.228	0.155	P				P	None
15	B	room 1	0.241	0.18	P	0.16	0.165	P	0.221	0.256	P	P	None
16	B	room 2	0.1	0.105	P	0.125	0.13	P	0.168	0.141	P	P	None
17	S	room 24	0.193	0.242	P	0.237	0.262	P	0.462	0.479	P	P	None
18	S	room 20	0.233	0.281	P	0.245	0.225	P	0.372	0.274	P	P	None
22A	S	kitchen left	0.118	0.054	P	0.168	0.125	P	0.356	0.121	P	P	None
22B	S	kitchen right	0.155	0.071	P	0.175	0.116	P	0.11	0.105	P	P	None
23	S	nurse's office	0.193	0.21	P	0.124	0.15	P	0.205	0.185	P	P	None
24	S	teachers lounge	0.249	0.21	P	0.162	0.155	P	0.212	0.196	P	P	None
27	S	room 21	0.212	0.263	P	0.25	0.309	P	0.506	0.44	P	P	None
28	S	room 22	0.223	0.256	P	0.25	0.236	P	0.45	0.5	P	P	None
29	S	room 23	0.278	0.262	P	0.248	0.255	P	0.478	0.478	P	P	None
30	S	room 25	0.174	0.294	P	0.236	0.299	P	0.484	0.552	P	P	None
31	S	room 26	0.228	0.168	P	0.252	0.21	P	0.497	0.439	P	P	None
32	S	room 4 (computer lab)	0.28	0.203	P	0.294	0.202	P	0.476	0.185	P	P	None
33	S	room 6	0.212	0.117	P	0.211	0.169	P	0.26	0.084	P	P	None
34	S	room 8	0.198	0.115	P	0.223	0.202	P	0.435	0.175	P	P	None
35	S	room 10	0.183	0.254	P	0.191	0.172	P	0.362	0.244	P	P	None
36	S	room 12	0.216	0.134	P	0.259	0.17	P	0.325	0.174	P	P	None
37	S	room 14	0.191	0.246	P	0.188	0.164	P	0.371	0.192	P	P	None
38	S	room 16	0.202	0.156	P	0.188	0.162	P	0.376	0.189	P	P	None
39	S	room 18	0.194	0.141	P	0.27	0.188	P	0.54	0.174	P	P	None
40	S	room 19	0.144	0.184	P	0.214	0.206	P	0.363	0.355	P	P	None
41	S	room 17	0.2	0.245	P	0.192	0.185	P	0.479	0.462	P	P	None
42	S	room 15	0.196	0.258	P	0.225	0.258	P	0.366	0.391	P	P	None
43	S	room 13	0.158	0.17	P	0.225	0.377	P	0.419	0.373	P	P	None
44	S	room 11	0.223	0.272	P	0.377	0.053	P	0.393	0.17	P	P	None
45	S	room 9	0.222	0.29	P	0.291	0.241	P	0.347	0.374	P	P	None
46	S	library north	0.208	0.127	P	0.23	0.289	P	0.505	0.416	P	P	None
47	S	library south	0.224	0.1	P				0.335	0.28	P	P	None
49	S	gym office	0.139	0.175	P	0.24	0.148	P	0.278	0.279	P	P	None
50	S	office workroom	0.22	0.136	P	0.187	0.12	P	0.229	0.19	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			7/19/2012		10/27/2015		2/1/2020		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
01	B	hallway							P	None
02	BF	hallway							P	None
05	B	hallway, left							P	None
06	B	hallway, right							P	None
09	B	hallway (left) tall							P	None
10	B	hallway (right) short	<0.05	P					P	None
14	B	cafeteria			<0.05	P			P	None
15	B	room 1					0.086	P	P	None
16	B	room 2							P	None
17	S	room 24							P	None
18	S	room 20							P	None
22A	S	kitchen left							P	None
22B	S	kitchen right							P	None
23	S	nurse's office							P	None
24	S	teachers lounge							P	None
27	S	room 21	<0.05	P			0.092	P	P	None
28	S	room 22			0.053	P			P	None
29	S	room 23							P	None
30	S	room 25							P	None
31	S	room 26	<0.05	P					P	None
32	S	room 4 (computer lab)			<0.05	P			P	None
33	S	room 6							P	None
34	S	room 8	<0.05	P					P	None
35	S	room 10			<0.05	P	0.061	P	P	None
36	S	room 12							P	None
37	S	room 14							P	None
38	S	room 16							P	None
39	S	room 18							P	None
40	S	room 19							P	None
41	S	room 17							P	None
42	S	room 15							P	None
43	S	room 13							P	None
44	S	room 11					0.07	P	P	None
45	S	room 9							P	None
46	S	library north							P	None
47	S	library south							P	None
49	S	gym office			0.054	P			P	None
50	S	office workroom								

Table 6. Service Entry Test Results

Test Results (Service Entry/SE, Units as Shown)						
SOURCE INFORMATION			Most Recent Sampling			
Fixture ID	Type	Location	Item	Sampled	Max Value	Pass/Fail
00	SE	boiler room 3/4" HB	Arsenic	01-Feb-20	2 ppb	P
00	SE	boiler room 3/4" HB	Cadmium	01-Feb-20	1 ppb	P
00	SE	boiler room 3/4" HB	Chlorine	02-Apr-04	0.2 ppm	P
00	SE	boiler room 3/4" HB	Copper	01-Feb-20	0.094 ppm	P
00	SE	boiler room 3/4" HB	Iron	01-Feb-20	0.071 ppm	P
00	SE	boiler room 3/4" HB	Lead	01-Feb-20	1 ppb	P
00	SE	boiler room 3/4" HB	Total Coliforms	06-Oct-09	<1 Colonies	P

"<" means: less than the value shown (below analytical detection limits).

"n/a" means: not applicable.

Table 7. Bacteriological Test Results

Bacteriological Characteristics

Bacteriological testing of selected samples indicated no (zero) coliform bacteria.