

**Seattle Public Schools
Drinking Water Quality Program**

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

Updated September 15, 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 meet the policy criteria.

Classroom 218 (#37) and 215 (#40) will be tested when the fixtures are ready.

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	S/B	KINDERGARTEN CLASSROOM 149	P	None	P	None	P	None			Yes
02	S/B	KINDERGARTEN CLASSROOM 148	P	None	P	None	P	None			Yes
03	S/B	KINDERGARTEN CLASSROOM 146	P	None	P	None	P	None			Yes
04	S/B	KINDERGARTEN CLASSROOM 145	P	None	P	None	P	None			Yes
05	S/B	CLASSROOM 138	P	None	P	None	P	None			Yes
06	S/B	FLEX CLASSROOM 139	P	None	P	None	P	None	P	None	Yes
07	B	HALLWAY 100A LEFT	P	None	P	None	P	None			Yes
08	B	HALLWAY 100A RIGHT	P	None	P	None	P	None			Yes
09	BF	HALLWAY 100A BOTTLE FILLER	P	None	P	None	P	None			Yes
10	S/B	CLASSROOM 136	P	None	P	None	P	None			Yes
11	S/B	CLASSROOM 137	P	None	P	None	P	None			Yes
12	S/B	CLASSROOM 135	P	None	P	None	P	None	P	None	Yes
13	S	RECEIVING 134	P	None	P	None	P	None			Yes
14	S	STAFF WORKROOM	P	None	P	None	P	None			Yes
15	S/B	MUSIC 131	P	None	P	None	P	None			Yes
16	B	HALLWAY 100D LEFT	P	None	P	None	P	None	P	None	Yes
17	B	HALLWAY 100D RIGHT	P	None	P	None	P	None			Yes
18	BF	HALLWAY 100D, BOTTLE FILLER	P	None	P	None	P	None			Yes
19	S	ART, 128	P	None	P	None	P	None			Yes
20	S	OFFICE 102	P	None	P	None	P	None			Yes
21	S/B	SPED CLASSROOM 121	P	None	P	None	P	None			Yes
22	S/B	SPED CLASSROOM 119	P	None	P	None	P	None			Yes
23	S	MAIL ROOM 109	P	None	P	None	P	None			Yes
24	B	CAFETERIA, LEFT	P	None	P	None	P	None			Yes
25	B	CAFETERIA, RIGHT	P	None	P	None	P	None			Yes
26	BF	CAFETERIA, BOTTLE FILLER	P	None	P	None	P	None			Yes
27	S	CAFETERIA	P	None	P	None	P	None			Yes
28	S	KITCHEN	P	None	P	None	P	None			Yes
29	S	KITCHEN	P	None	P	None	P	None			Yes
30	S	KITCHEN	P	None	P	None	P	None			Yes
31	S/B	CLASSROOM 227	P	None	P	None	P	None			Yes
32	S/B	CLASSROOM 226	P	None	P	None	P	None			Yes
33	S/B	CLASSROOM 224	P	None	P	None	P	None			Yes
34	S/B	CLASSROOM 223	P	None	P	None	P	None			Yes
35	S/B	CLASSROOM 200	P	None	P	None	P	None			Yes
36	S/B	CLASSROOM 219	P	None	P	None	P	None	P	None	Yes
37	S/B	CLASSROOM 218		Sample		Sample		Sample			Sample
38	S/B	CLASSROOM 217	P	None	P	None	P	None			Yes
39	S/B	CLASSROOM 216	P	None	P	None	P	None			Yes
40	S/B	CLASSROOM 215		Sample		Sample		Sample			Sample
41	S	ROOM 214	P	None	P	None	P	None			Yes
42	S/B	CLASSROOM 211	P	None	P	None	P	None			Yes
43	S/B	CLASSROOM 205	P	None	P	None	P	None	P	None	Yes
44	B	HALLWAY 200A, LEFT	P	None	P	None	P	None			Yes
45	B	HALLWAY 200A, RIGHT	P	None	P	None	P	None			Yes
46	BF	HALLWAY 200A, BOTTLE FILLER	P	None	P	None	P	None			Yes

47	S/B	SPED ACCESS 212	P	None	P	None	P	None			Yes
48	S/B	SPED ACCESS 206	P	None	P	None	P	None			Yes
49	S/B	CLASSROOM 202	P	None	P	None	P	None			Yes
50	S/B	CLASSROOM 201	P	None	P	None	P	None			Yes
51	B	GYM, LEFT	P	None	P	None	P	None			Yes
52	B	GYM, RIGHT	P	None	P	None	P	None			Yes
53	BF	GYM, BOTTLE FILLER	P	None	P	None	P	None			Yes
54	S	ART 128, LEFT	P	None	P	None	P	None			Yes
55	S	ART 128, RIGHT	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

Test Results (Lead/Pb, ppb)							
FIXTURE INFORMATION			8/11/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S/B	KINDERGARTEN CLASSROOM 149	<1	<1	P	P	None
02	S/B	KINDERGARTEN CLASSROOM 148	<1	<1	P	P	None
03	S/B	KINDERGARTEN CLASSROOM 146	<1	<1	P	P	None
04	S/B	KINDERGARTEN CLASSROOM 145	<1	<1	P	P	None
05	S/B	CLASSROOM 138	<1	<1	P	P	None
06	S/B	FLEX CLASSROOM 139	<1	<1	P	P	None
07	B	HALLWAY 100A LEFT	<1	<1	P	P	None
08	B	HALLWAY 100A RIGHT	<1	<1	P	P	None
09	BF	HALLWAY 100A BOTTLE FILLER	<1	<1	P	P	None
10	S/B	CLASSROOM 136	<1	<1	P	P	None
11	S/B	CLASSROOM 137	<1	<1	P	P	None
12	S/B	CLASSROOM 135	<1	<1	P	P	None
13	S	RECEIVING 134	<1	<1	P	P	None
14	S	STAFF WORKROOM	<1	<1	P	P	None
15	S/B	MUSIC 131	<1	<1	P	P	None
16	B	HALLWAY 100D LEFT	<1	<1	P	P	None
17	B	HALLWAY 100D RIGHT	<1	<1	P	P	None
18	BF	HALLWAY 100D, BOTTLE FILLER	<1	<1	P	P	None
19	S	ART, 128	<1	<1	P	P	None
20	S	OFFICE 102	<1	<1	P	P	None
21	S/B	SPED CLASSROOM 121	<1	<1	P	P	None
22	S/B	SPED CLASSROOM 119	<1	<1	P	P	None
23	S	MAIL ROOM 109	<1	<1	P	P	None
24	B	CAFETERIA, LEFT	<1	<1	P	P	None
25	B	CAFETERIA, RIGHT	<1	<1	P	P	None
26	BF	CAFETERIA, BOTTLE FILLER	<1	<1	P	P	None
27	S	CAFETERIA	<1	<1	P	P	None
28	S	KITCHEN	<1	<1	P	P	None
29	S	KITCHEN	<1	<1	P	P	None
30	S	KITCHEN	<1	<1	P	P	None
31	S/B	CLASSROOM 227	<1	<1	P	P	None
32	S/B	CLASSROOM 226	<1	<1	P	P	None
33	S/B	CLASSROOM 224	<1	<1	P	P	None
34	S/B	CLASSROOM 223	<1	<1	P	P	None
35	S/B	CLASSROOM 200	<1	<1	P	P	None
36	S/B	CLASSROOM 219	1	<1	P	P	None
37	S/B	CLASSROOM 218					Sample
38	S/B	CLASSROOM 217	<1	<1	P	P	None
39	S/B	CLASSROOM 216	<1	<1	P	P	None
40	S/B	CLASSROOM 215					Sample
41	S	ROOM 214	<1	<1	P	P	None
42	S/B	CLASSROOM 211	<1	<1	P	P	None
43	S/B	CLASSROOM 205	<1	<1	P	P	None
44	B	HALLWAY 200A, LEFT	<1	<1	P	P	None
45	B	HALLWAY 200A, RIGHT	<1	<1	P	P	None
46	BF	HALLWAY 200A, BOTTLE FILLER	<1	<1	P	P	None
47	S/B	SPED ACCESS 212	<1	2	P	P	None

48	S/B	SPED ACCESS 206	<1	<1	P	P	None
49	S/B	CLASSROOM 202	<1	<1	P	P	None
50	S/B	CLASSROOM 201	<1	<1	P	P	None
51	B	GYM, LEFT	<1	<1	P	P	None
52	B	GYM, RIGHT	<1	<1	P	P	None
53	BF	GYM, BOTTLE FILLER	<1	<1	P	P	None
54	S	ART 128, LEFT	<1	<1	P	P	None
55	S	ART 128, RIGHT	<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			8/11/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S/B	KINDERGARTEN CLASSROOM 149	<1	<1	P	P	None
02	S/B	KINDERGARTEN CLASSROOM 148	<1	<1	P	P	None
03	S/B	KINDERGARTEN CLASSROOM 146	<1	<1	P	P	None
04	S/B	KINDERGARTEN CLASSROOM 145	<1	<1	P	P	None
05	S/B	CLASSROOM 138	<1	<1	P	P	None
06	S/B	FLEX CLASSROOM 139	<1	<1	P	P	None
07	B	HALLWAY 100A LEFT	<1	<1	P	P	None
08	B	HALLWAY 100A RIGHT	<1	<1	P	P	None
09	BF	HALLWAY 100A BOTTLE FILLER	<1	<1	P	P	None
10	S/B	CLASSROOM 136	<1	<1	P	P	None
11	S/B	CLASSROOM 137	<1	<1	P	P	None
12	S/B	CLASSROOM 135	<1	<1	P	P	None
13	S	RECEIVING 134	<1	<1	P	P	None
14	S	STAFF WORKROOM	<1	<1	P	P	None
15	S/B	MUSIC 131	<1	<1	P	P	None
16	B	HALLWAY 100D LEFT	<1	<1	P	P	None
17	B	HALLWAY 100D RIGHT	<1	<1	P	P	None
18	BF	HALLWAY 100D, BOTTLE FILLER	<1	<1	P	P	None
19	S	ART, 128	<1	<1	P	P	None
20	S	OFFICE 102	<1	<1	P	P	None
21	S/B	SPED CLASSROOM 121	<1	<1	P	P	None
22	S/B	SPED CLASSROOM 119	<1	<1	P	P	None
23	S	MAIL ROOM 109	<1	<1	P	P	None
24	B	CAFETERIA, LEFT	<1	<1	P	P	None
25	B	CAFETERIA, RIGHT	<1	<1	P	P	None
26	BF	CAFETERIA, BOTTLE FILLER	<1	<1	P	P	None
27	S	CAFETERIA	<1	<1	P	P	None
28	S	KITCHEN	<1	<1	P	P	None
29	S	KITCHEN	<1	<1	P	P	None
30	S	KITCHEN	<1	<1	P	P	None
31	S/B	CLASSROOM 227	<1	<1	P	P	None
32	S/B	CLASSROOM 226	<1	<1	P	P	None
33	S/B	CLASSROOM 224	<1	<1	P	P	None
34	S/B	CLASSROOM 223	<1	<1	P	P	None
35	S/B	CLASSROOM 200	<1	<1	P	P	None
36	S/B	CLASSROOM 219	<1	<1	P	P	None
37	S/B	CLASSROOM 218					Sample
38	S/B	CLASSROOM 217	<1	<1	P	P	None
39	S/B	CLASSROOM 216	<1	<1	P	P	None
40	S/B	CLASSROOM 215					Sample
41	S	ROOM 214	<1	<1	P	P	None
42	S/B	CLASSROOM 211	<1	<1	P	P	None
43	S/B	CLASSROOM 205	<1	<1	P	P	None
44	B	HALLWAY 200A, LEFT	<1	<1	P	P	None
45	B	HALLWAY 200A, RIGHT	<1	<1	P	P	None
46	BF	HALLWAY 200A, BOTTLE FILLER	<1	<1	P	P	None
47	S/B	SPED ACCESS 212	<1	<1	P	P	None

48	S/B	SPED ACCESS 206	<1	<1	P	P	None
49	S/B	CLASSROOM 202	<1	<1	P	P	None
50	S/B	CLASSROOM 201	<1	<1	P	P	None
51	B	GYM, LEFT	<1	<1	P	P	None
52	B	GYM, RIGHT	<1	<1	P	P	None
53	BF	GYM, BOTTLE FILLER	<1	<1	P	P	None
54	S	ART 128, LEFT	<1	<1	P	P	None
55	S	ART 128, RIGHT	<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			8/11/2020			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S/B	KINDERGARTEN CLASSROOM 149	0.219	0.2	P	P	None
02	S/B	KINDERGARTEN CLASSROOM 148	0.236	0.24	P	P	None
03	S/B	KINDERGARTEN CLASSROOM 146	0.234	0.234	P	P	None
04	S/B	KINDERGARTEN CLASSROOM 145	0.268	0.256	P	P	None
05	S/B	CLASSROOM 138	0.172	0.168	P	P	None
06	S/B	FLEX CLASSROOM 139	0.21	0.138	P	P	None
07	B	HALLWAY 100A LEFT	0.257	0.205	P	P	None
08	B	HALLWAY 100A RIGHT	0.256	0.19	P	P	None
09	BF	HALLWAY 100A BOTTLE FILLER	0.204	0.176	P	P	None
10	S/B	CLASSROOM 136	0.206	0.121	P	P	None
11	S/B	CLASSROOM 137	0.16	0.15	P	P	None
12	S/B	CLASSROOM 135	0.16	0.154	P	P	None
13	S	RECEIVING 134	0.103	0.13	P	P	None
14	S	STAFF WORKROOM	0.143	0.123	P	P	None
15	S/B	MUSIC 131	0.178	0.071	P	P	None
16	B	HALLWAY 100D LEFT	0.257	0.272	P	P	None
17	B	HALLWAY 100D RIGHT	0.199	0.097	P	P	None
18	BF	HALLWAY 100D, BOTTLE FILLER	0.189	0.097	P	P	None
19	S	ART, 128	0.156	0.208	P	P	None
20	S	OFFICE 102	0.16	0.135	P	P	None
21	S/B	SPED CLASSROOM 121	0.276	0.206	P	P	None
22	S/B	SPED CLASSROOM 119	0.262	0.189	P	P	None
23	S	MAIL ROOM 109	0.11	0.17	P	P	None
24	B	CAFETERIA, LEFT	0.244	0.128	P	P	None
25	B	CAFETERIA, RIGHT	0.193	0.132	P	P	None
26	BF	CAFETERIA, BOTTLE FILLER	0.158	0.131	P	P	None
27	S	CAFETERIA	0.28	0.214	P	P	None
28	S	KITCHEN	0.14	0.196	P	P	None
29	S	KITCHEN	0.127	0.178	P	P	None
30	S	KITCHEN	0.167	0.182	P	P	None
31	S/B	CLASSROOM 227	0.211	0.175	P	P	None
32	S/B	CLASSROOM 226	0.174	0.182	P	P	None
33	S/B	CLASSROOM 224	0.18	0.217	P	P	None
34	S/B	CLASSROOM 223	0.208	0.231	P	P	None
35	S/B	CLASSROOM 200	0.131	0.158	P	P	None
36	S/B	CLASSROOM 219	0.171	0.167	P	P	None
37	S/B	CLASSROOM 218					Sample
38	S/B	CLASSROOM 217	0.142	0.146	P	P	None
39	S/B	CLASSROOM 216	0.208	0.23	P	P	None
40	S/B	CLASSROOM 215					Sample
41	S	ROOM 214	0.102	0.126	P	P	None
42	S/B	CLASSROOM 211	0.181	0.15	P	P	None
43	S/B	CLASSROOM 205	0.12	0.138	P	P	None
44	B	HALLWAY 200A, LEFT	0.153	0.138	P	P	None
45	B	HALLWAY 200A, RIGHT	0.126	0.135	P	P	None

46	BF	HALLWAY 200A, BOTTLE FILLER	0.15	0.155	P	P	None
47	S/B	SPED ACCESS 212	0.093	0.334	P	P	None
48	S/B	SPED ACCESS 206	0.095	0.148	P	P	None
49	S/B	CLASSROOM 202	0.183	0.186	P	P	None
50	S/B	CLASSROOM 201	0.196	0.12	P	P	None
51	B	GYM, LEFT	0.286	0.259	P	P	None
52	B	GYM, RIGHT	0.302	0.245	P	P	None
53	BF	GYM, BOTTLE FILLER	0.257	0.257	P	P	None
54	S	ART 128, LEFT	0.167	0.216	P	P	None
55	S	ART 128, RIGHT	0.163	0.135	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			8/11/2020						Summary Status	
Fixture ID	Type	Location	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Pass/Fail	Status
06	S/B	FLEX CLASSROOM 139	8/11/2020			<0.05	P		P	None
12	S/B	CLASSROOM 135	8/11/2020			<0.05	P		P	None
16	B	HALLWAY 100D LEFT	8/11/2020			<0.05	P		P	None
36	S/B	CLASSROOM 219	8/11/2020			<0.05	P		P	None
43	S/B	CLASSROOM 205	8/11/2020			<0.05	P		P	None

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 SINK	Arsenic	11-Aug-20	2 ppb	P
00	SE	BOILER ROOM SINK	Cadmium	11-Aug-20	1 ppb	P
00	SE	BOILER ROOM SINK	Copper	11-Aug-20	0.071 ppm	P
00	SE	BOILER ROOM SINK	Iron	11-Aug-20	<0.05 ppm	P
00	SE	BOILER ROOM SINK	Lead	11-Aug-20	1 ppb	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.