

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Franklin High School**

Updated September 2, 2019

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:

There are one sources don't meet the policy criteria. Signs will be posted at: kitchen, left (#40), and will be tested for fixture replacement.

Follow-up monitoring: Will be performed in 2021-2022.

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
02	B	ground floor foyer, near doghouse	P	None	P	None	P	None	P	None	Yes
03	B	1st floor foyer, near doghouse	P	None	P	None	P	None	P	None	Yes
04	B	3rd floor foyer, near doghouse	P	None	P	None	P	None	P	None	Yes
05	B	2nd floor foyer, near dog house	P	None	P	None	P	None	P	None	Yes
06	B	2nd floor hallway, near rm 211	P	None	P	None	P	None	P	None	Yes
07	B	3rd floor hallway, near rm 321	P	None	P	None	P	None	P	None	Yes
08	B	1st floor hallway, near rm 101	P	None	P	None	P	None	P	None	Yes
09	B	ground floor near, near rm 24	P	None	P	None	P	None	P	None	Yes
10	S	nurses office, closet, (by restroom)	P	None	P	None	P	None	P	None	Yes
11	K	kitchen (groen cooking unit)	P	None	P	None	P	None	P	None	Yes
12	S	kitchen (faucet west of groen unit)	P	None	P	None	P	None	P	None	Yes
13	S	teachers lounge kitchen	P	None	P	None	P	None	P	None	Yes
14	S	home economics room, room 20	P	None	P	None	P	None	P	None	Yes
15	S	home economics room, room 20	P	None	P	None	P	None	P	None	Yes
20	B	east gym entrance (from hallway)	P	None	P	None	P	None	P	None	Yes
21	B	east gym lobby	P	None	P	None	P	None	P	None	Yes
22	B	east gym lobby	P	None	P	None	P	None	P	None	Yes
23	B	west gym lobby	P	None	P	None	P	None			Yes
25	B	west gym entrance (from hallway)	P	None	P	None	P	None	P	None	Yes
26	B	lower gym hallway	P	None	P	None	P	None	P	None	Yes
27	B	mens locker room	P	None	P	None	P	None	P	None	Yes
29	B	womens locker room	P	None	P	None	P	None			Yes
38	S	First floor room 111 - year book student lounge	P	None	P	None	P	None	P	None	Yes
39	S	Kitchen east	P	None	P	None	P	None	P	None	Yes
40	S	Kitchen, left	F	PS	P	None	P	None			PS
41	S	Kitchen, right	P	None	P	None	P	None			Yes
42	S	Kitchen	P	None	P	None	P	None			Yes
43	S	Nurses (north)	P	None	P	None	P	None			Yes
44	S	Nurses -- GHC room 2	P	None	P	None	P	None			Yes
46	S	Home Ec Room NE	P	None	P	None	P	None			Yes
47	S	Home Ec Room NW	P	None	P	None	P	None			Yes
48	S	Home Ec Room W of Sample 15	P	None	P	None	P	None	P	None	Yes
49	S	Home Ec Room SW sink	P	None	P	None	P	None			Yes
50	S	Home Ec Room SE sink	P	None	P	None	P	None			Yes
54	S	Nurses -- GHC room 1	P	None	P	None	P	None			Yes
55	S	custodian office	P	None	P	None	P	None	P	None	Yes
56	S	Gym training room,	P	None	P	None	P	None			Yes
57	B	BOY LOCKER ROOM, BY SHOWER	P	None	P	None	P	None			Yes
58	BF	BOTTLE FILLER, 2ND FLOOR	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			4/16/2009			2/24/2012			4/16/2015			1/26/2017		8/13/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
02	B	ground floor foyer, near doghouse	<1	1	P	<1	<1	P	<1	<1	P	<1	P				P	None
03	B	1st floor foyer, near doghouse	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
04	B	3rd floor foyer, near doghouse	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
05	B	2nd floor foyer, near dog house	<1	<1	P	<1	<1	P						<1	<1	P	P	None
06	B	2nd floor hallway, near rm 211	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
07	B	3rd floor hallway, near rm 321	<1	<1	P	<1	<1	P	2	<1	P			<1	<1	P	P	None
08	B	1st floor hallway, near rm 101	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
09	B	ground floor near, near rm 24	<1	<1	P	<1	<1	P	<1	<1	P						P	None
10	S	nurses office, closet, (by restroom)							<1	<1	P			<1	<1	P	P	None
11	K	kitchen (groen cooking unit)				<1	<1	P	<1	<1	P			<1	1	P	P	None
12	S	kitchen (faucet west of groen unit)				<1	<1	P	<1	<1	P			<1	<1	P	P	None
13	S	teachers lounge kitchen	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
14	S	home economics room, room 20	2	<1	P	3	<1	P	1	<1	P			<1	<1	P	P	None
15	S	home economics room, room 20	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
20	B	east gym entrance (from hallway)	<1	<1	P	<1	<1	P						<1	<1	P	P	None
21	B	east gym lobby	<1	<1	P	<1	<1	P						<1	<1	P	P	None
22	B	east gym lobby	<1	<1	P	<1	<1	P						<1	<1	P	P	None
23	B	west gym lobby	<1	<1	P	2	2	P							<1	P	P	None
25	B	west gym entrance (from hallway)	<1	<1	P	<1	<1	P						<1	<1	P	P	None
26	B	lower gym hallway	<1	<1	P	<1	<1	P						<1	<1	P	P	None
27	B	mens locker room	2	<1	P	3	2	P						2	2	P	P	None
29	B	womens locker room	<1	<1	P	<1	<1	P						<1	<1	P	P	None
38	S	First floor room 111 - year book student lounge	<1	<1	P	1	<1	P	3	<1	P			2	<1	P	P	None
39	S	Kitchen east				<1	<1	P	<1	<1	P						P	None
40	S	Kitchen, left				1	<1	P	22	1				32	<1		F	PS
41	S	Kitchen, right				4	<1	P	2	<1	P			3	<1	P	P	None
42	S	Kitchen				<1	<1	P	<1	<1	P			<1	1	P	P	None
43	S	Nurses (north)							15	1				<1	<1	P	P	None
44	S	Nurses -- GHC room 2							<1	<1	P			<1	<1	P	P	None
46	S	Home Ec Room NE	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
47	S	Home Ec Room NW	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
48	S	Home Ec Room W of Sample 15	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
49	S	Home Ec Room SW sink	<1	<1	P	3	<1	P	3	<1	P			<1	<1	P	P	None
50	S	Home Ec Room SE sink	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
54	S	Nurses -- GHC room 1							30	3				<1	<1	P	P	None
55	S	custodian office	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
56	S	Gym training room,	8	<1	P	<1	<1	P						<1	<1	P	P	None
57	B	BOY LOCKER ROOM, BY SHOWER												1	1	P	P	None
58	BF	BOTTLE FILLER, 2ND FLOOR												<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			4/16/2009			2/24/2012			4/16/2015			1/26/2017		8/13/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
02	B	ground floor foyer, near doghouse	<1	<1	P	<1	<1	P	<1	<1	P	<1	P				P	None
03	B	1st floor foyer, near doghouse	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
04	B	3rd floor foyer, near doghouse	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
05	B	2nd floor foyer, near dog house	<1	<1	P	<1	<1	P						<1	<1	P	P	None
06	B	2nd floor hallway, near rm 211	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
07	B	3rd floor hallway, near rm 321	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
08	B	1st floor hallway, near rm 101	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
09	B	ground floor near, near rm 24	<1	<1	P	<1	<1	P	<1	<1	P						P	None
10	S	nurses office, closet, (by restroom)							<1	<1	P			<1	<1	P	P	None
11	K	kitchen (groen cooking unit)				<1	<1	P	<1	<1	P			<1	<1	P	P	None
12	S	kitchen (faucet west of groen unit)				<1	<1	P	<1	<1	P			<1	<1	P	P	None
13	S	teachers lounge kitchen	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
14	S	home economics room, room 20	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
15	S	home economics room, room 20	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
20	B	east gym entrance (from hallway)	<1	<1	P	<1	<1	P						<1	<1	P	P	None
21	B	east gym lobby	<1	<1	P	<1	<1	P						<1	<1	P	P	None
22	B	east gym lobby	<1	<1	P	<1	<1	P						<1	<1	P	P	None
23	B	west gym lobby	<1	<1	P	<1	<1	P						<1	<1	P	P	None
25	B	west gym entrance (from hallway)	<1	<1	P	<1	<1	P						<1	<1	P	P	None
26	B	lower gym hallway	<1	<1	P	<1	<1	P						<1	<1	P	P	None
27	B	mens locker room	<1	<1	P	<1	<1	P						<1	<1	P	P	None
29	B	womens locker room	<1	<1	P	<1	<1	P						<1	<1	P	P	None
38	S	First floor room 111 - year book student lounge	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
39	S	Kitchen east				<1	<1	P	<1	<1	P						P	None
40	S	Kitchen, left				<1	<1	P	<1	<1	P			<1	<1	P	P	None
41	S	Kitchen, right				<1	<1	P	<1	<1	P			<1	<1	P	P	None
42	S	Kitchen				<1	<1	P	<1	<1	P			<1	<1	P	P	None
43	S	Nurses (north)							<1	<1	P			<1	<1	P	P	None
44	S	Nurses -- GHC room 2							<1	<1	P			<1	<1	P	P	None
46	S	Home Ec Room NE	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
47	S	Home Ec Room NW	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
48	S	Home Ec Room W of Sample 15	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
49	S	Home Ec Room SW sink	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
50	S	Home Ec Room SE sink	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
54	S	Nurses -- GHC room 1							<1	<1	P			<1	<1	P	P	None
55	S	custodian office	<1	<1	P	<1	<1	P	<1	<1	P			<1	<1	P	P	None
56	S	Gym training room,	<1	<1	P	<1	<1	P						<1	<1	P	P	None
57	B	BOY LOCKER ROOM, BY SHOWER												<1	<1	P	P	None
58	BF	BOTTLE FILLER, 2ND FLOOR												<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			4/16/2009			2/24/2012			4/16/2015			1/26/2017		8/13/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
02	B	ground floor foyer, near doghouse	0.235	0.095	P	0.167	0.086	P	0.177	0.125	P	0.022	P				P	None
03	B	1st floor foyer, near doghouse	0.22	0.078	P	0.206	0.095	P	0.114	0.072	P			0.074	0.088	P	P	None
04	B	3rd floor foyer, near doghouse	0.073	0.058	P	0.106	0.072	P	0.231	0.087	P			0.115	0.066	P	P	None
05	B	2nd floor foyer, near dog house	0.083	0.06	P	0.088	0.067	P						0.13	0.104	P	P	None
06	B	2nd floor hallway, near rm 211	0.147	0.117	P	0.06	0.048	P	0.13	0.115	P			0.064	0.059	P	P	None
07	B	3rd floor hallway, near rm 321	0.009	0.005	P	0.006	0.006	P	0.02	0.008	P			0.248	0.212	P	P	None
08	B	1st floor hallway, near rm 101	0.109	0.098	P	0.056	0.033	P	0.095	0.092	P			0.088	0.062	P	P	None
09	B	ground floor near, near rm 24	0.22	0.046	P	0.147	0.076	P	0.148	0.124	P						P	None
10	S	nurses office, closet, (by restroom)							0.205	0.085	P			0.208	0.086	P	P	None
11	K	kitchen (groen cooking unit)				0.093	0.054	P	0.113	0.069	P			0.09	0.093	P	P	None
12	S	kitchen (faucet west of groen unit)				0.193	0.054	P	0.153	0.082	P			0.075	0.091	P	P	None
13	S	teachers lounge kitchen	0.064	0.041	P	0.11	0.075	P	0.09	0.089	P			0.076	0.053	P	P	None
14	S	home economics room, room 20	0.123	0.018	P	0.09	0.049	P	1.01	0.011	P			0.037	0.036	P	P	None
15	S	home economics room, room 20	0.171	0.017	P	0.109	0.042	P	0.124	0.01	P			0.037	0.036	P	P	None
20	B	east gym entrance (from hallway)	0.062	0.058	P	0.047	0.045	P						0.058	0.054	P	P	None
21	B	east gym lobby	0.002	0.003	P	0.005	<0.002	P						<0.002	<0.002	P	P	None
22	B	east gym lobby	0.006	<0.002	P	0.002	<0.002	P						<0.002	<0.002	P	P	None
23	B	west gym lobby	0.003	0.003	P	0.009	0.009	P							0.004	P	P	None
25	B	west gym entrance (from hallway)	0.07	0.064	P	0.056	0.068	P						0.072	0.077	P	P	None
26	B	lower gym hallway	0.103	0.081	P	0.102	0.107	P						0.087	0.089	P	P	None
27	B	mens locker room	0.01	0.005	P	0.013	0.012	P						0.018	0.019	P	P	None
29	B	womens locker room	0.201	0.098	P	0.146	0.106	P						0.1	0.103	P	P	None
38	S	First floor room 111 - year book student lounge	0.309	0.338	P	0.262	0.348	P	0.258	0.41	P			0.216	0.3	P	P	None
39	S	Kitchen east				0.097	0.1	P	0.099	0.083	P						P	None
40	S	Kitchen, left				0.101	0.072	P	0.085	0.098	P			0.085	0.041	P	P	None
41	S	Kitchen, right				0.084	0.071	P	0.09	0.038	P			0.068	0.06	P	P	None
42	S	Kitchen				0.274	0.093	P	0.056	0.035	P			0.135	0.122	P	P	None
43	S	Nurses (north)							0.239	0.342	P			0.289	0.162	P	P	None
44	S	Nurses -- GHC room 2							0.13	0.095	P			0.125	0.091	P	P	None
46	S	Home Ec Room NE	0.23	0.016	P	0.093	0.043	P	0.208	0.013	P			0.086	0.049	P	P	None
47	S	Home Ec Room NW	0.29	0.025	P	0.297	0.048	P	0.245	0.019	P			0.16	0.05	P	P	None
48	S	Home Ec Room W of Sample 15	0.312	0.024	P	0.296	0.046	P	0.239	0.021	P			0.138	0.046	P	P	None
49	S	Home Ec Room SW sink	0.219	0.02	P	0.254	0.05	P	0.193	0.033	P			0.143	0.047	P	P	None
50	S	Home Ec Room SE sink	0.302	0.023	P	0.123	0.047	P	0.222	0.025	P			0.116	0.041	P	P	None
54	S	Nurses -- GHC room 1							0.266	0.124	P			0.109	0.09	P	P	None
55	S	custodian office	0.076	0.055	P	0.082	0.072	P	0.088	0.07	P			0.052	0.038	P	P	None
56	S	Gym training room,	0.128	0.111	P	0.211	0.077	P						0.11	0.039	P	P	None
57	B	BOY LOCKER ROOM, BY SHOWER												0.024	0.025	P	P	None
58	BF	BOTTLE FILLER, 2ND FLOOR												0.091	0.089	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			4/16/2009		2/24/2012		4/16/2015		1/26/2017		8/13/2019		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 30s	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
02	B	ground floor foyer, near doghouse			<0.05	P			0.077	P			P	None
03	B	1st floor foyer, near doghouse					<0.05	P					P	None
04	B	3rd floor foyer, near doghouse											P	None
05	B	2nd floor foyer, near dog house											P	None
06	B	2nd floor hallway, near rm 211	<0.05	P									P	None
07	B	3rd floor hallway, near rm 321	<0.05	P	<0.05	P							P	None
08	B	1st floor hallway, near rm 101	<0.05	P	<0.05	P					<0.05	P	P	None
09	B	ground floor near, near rm 24	<0.05	P			<0.05	P					P	None
10	S	nurses office, closet, (by restroom)					<0.05	P					P	None
11	K	kitchen (groen cooking unit)											P	None
12	S	kitchen (faucet west of groen unit)											P	None
13	S	teachers lounge kitchen			<0.05	P							P	None
14	S	home economics room, room 20					<0.05	P					P	None
15	S	home economics room, room 20											P	None
20	B	east gym entrance (from hallway)											P	None
21	B	east gym lobby											P	None
22	B	east gym lobby											P	None
23	B	west gym lobby												
25	B	west gym entrance (from hallway)			0.167	P							P	None
26	B	lower gym hallway			<0.05	P							P	None
27	B	mens locker room											P	None
29	B	womens locker room												
38	S	First floor room 111 - year book student lounge											P	None
39	S	Kitchen east											P	None
40	S	Kitchen, left												
41	S	Kitchen, right												
42	S	Kitchen												
43	S	Nurses (north)												
44	S	Nurses -- GHC room 2												
46	S	Home Ec Room NE												
47	S	Home Ec Room NW												
48	S	Home Ec Room W of Sample 15									0.173	P	P	None
49	S	Home Ec Room SW sink												
50	S	Home Ec Room SE sink												
54	S	Nurses -- GHC room 1												
55	S	custodian office									<0.05	P	P	None
56	S	Gym training room,												
57	B	BOY LOCKER ROOM, BY SHOWER												
58	BF	BOTTLE FILLER, 2ND FLOOR												

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	custodian office	Arsenic	16-Apr-09	2 ppb	P
00	SE	custodian office	Cadmium	13-Aug-19	1 ppb	P
00	SE	custodian office	Chlorine	15-Apr-04	0.2 ppm	P
00	SE	custodian office	Copper	13-Aug-19	0.034 ppm	P
00	SE	custodian office	E coli	15-Apr-04	<1 Colonies	P
00	SE	custodian office	Iron	13-Aug-19	<0.05 ppm	P
00	SE	custodian office	Lead	13-Aug-19	1 ppb	P
00	SE	custodian office	Total Coliforms	16-Apr-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.