

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
B.F. Day Elementary School**

Updated July 9, 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:

There is one source that doesn't meet the policy criteria. A sign will be posted at Kitchen (south east) #35

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	Hall - south 1st floor	P	None	P	None	P	None	P	None	Yes
02	B/S	room 100, after school daycare	P	None	P	None	P	None	P	None	Yes
03	B/S	room 101, special education	P	None	P	None	P	None	P	None	Yes
04	B/S	room 102, 1st grade	P	None	P	None	P	None	P	None	Yes
05	B/S	room 103, 1st grade	P	None	P	None	P	None	P	None	Yes
06	B/S	room 104, music classroom	P	None	P	None	P	None	P	None	Yes
07	B/S	room 105, math coach	P	None	P	None	P	None	P	None	Yes
08	B/S	room 202, kindergarten	P	None	P	None	P	None	P	None	Yes
09	B	hall north 2nd floor	P	None	P	None	P	None	P	None	Yes
10	S	room 203, kindergarten	P	None	P	None	P	None	P	None	Yes
11	B/S	room 205, 2nd grade	P	None	P	None	P	None	P	None	Yes
12	B/S	room 206, 2nd grade	P	None	P	None	P	None	P	None	Yes
13	B/S	room 207, computer lab	P	None	P	None	P	None	P	None	Yes
14	B/S	room 310, 4th grade	P	None	P	None	P	None	P	None	Yes
15	B/S	room 311, Art classroom	P	None	P	None	P	None	P	None	Yes
17	B/S	room 300, 3rd and 4th grade	P	None	P	None	P	None	P	None	Yes
18	B/S	room 301, bilingual	P	None	P	None	P	None	P	None	Yes
19	B/S	room 304, 3rd grade	P	None	P	None	P	None	P	None	Yes
20	B/S	room 305, 4/5 th grade	P	None	P	None	P	None	P	None	Yes
21	B/S	room 306, 5th grade	P	None	P	None	P	None	P	None	Yes
22	B/S	room 307, empty	P	None	P	None	P	None	P	None	Yes
23	B	room 308	P	None	P	None	P	None	P	None	Yes
34	S	room 309	P	None	P	None	P	None	P	None	Yes
35	S	kitchen (south east)	F	PS	P	None	P	None	P	None	PS
36	S	kitchen (east, left fixture)	P	None	P	None	P	None	P	None	Yes
36A	S	kitchen (east, right fixture)	P	None	P	None	P	None	P	None	Yes
37	S	nurses	P	None	P	None	P	None	P	None	Yes
38	S	staff office	P	None	P	None	P	None	P	None	Yes
39	S	staff lounge	P	None	P	None	P	None	P	None	Yes
40	S	custodial sink, room 302	P	None	P	None	P	None	P	None	Yes
41	S	resource room	P	None	P	None	P	None	P	None	Yes
42	S	resource room	P	None	P	None	P	None	P	None	Yes
44	B	room 303	P	None	P	None	P	None	P	None	Yes
45	B	room 312	P	None	P	None	P	None			Yes
46	B	first floor bottle filler	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			7/28/2010			5/22/2013			1/26/2017			5/21/2020			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	Hall - south 1st floor	2	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B/S	room 100, after school daycare	1	<1	P	<1	<1	P	2	<1	P	2	<1	P	P	None
03	B/S	room 101, special education	<1	<1	P	<1	<1	P	<1	<1	P	2	<1	P	P	None
04	B/S	room 102, 1st grade	<1	<1	P	<1	<1	P	2	1	P	<1	<1	P	P	None
05	B/S	room 103, 1st grade	1	1	P	1	2	P	<1	<1	P	2	4	P	P	None
06	B/S	room 104, music classroom	1	<1	P	<1	<1	P	2	<1	P	<1	<1	P	P	None
07	B/S	room 105, math coach	<1	<1	P	<1	<1	P	4	<1	P	<1	<1	P	P	None
08	B/S	room 202, kindergarten	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	hall north 2nd floor	2	1	P	1	2	P	2	3	P	3	<1	P	P	None
10	S	room 203, kindergarten	4	1	P	<1	<1	P	3	9	P	2	2	P	P	None
11	B/S	room 205, 2nd grade	<1	<1	P	<1	<1	P	2	<1	P	2	<1	P	P	None
12	B/S	room 206, 2nd grade	4	1	P	1	<1	P	1	<1	P	2	<1	P	P	None
13	B/S	room 207, computer lab	5		P	2	<1	P	2	<1	P	2	<1	P	P	None
14	B/S	room 310, 4th grade	3	1	P	1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B/S	room 311, Art classroom	<1	<1	P	<1	<1	P	<1	<1	P	1	<1	P	P	None
17	B/S	room 300, 3rd and 4th grade	2	<1	P	<1	<1	P	<1	1	P	2	<1	P	P	None
18	B/S	room 301, bilingual	2	<1	P	2	2	P	<1	<1	P	1	<1	P	P	None
19	B/S	room 304, 3rd grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
20	B/S	room 305, 4/5 th grade	3	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
21	B/S	room 306, 5th grade	2	<1	P	1	<1	P	1	<1	P	1	<1	P	P	None
22	B/S	room 307, empty	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
23	B	room 308	2	<1	P	<1	<1	P	<1	<1	P	1	<1	P	P	None
34	S	room 309	2	<1	P	<1	<1	P	<1	<1	P	1	<1	P	P	None
35	S	kitchen (south east)	5	1	P	6	<1	P	7	<1	P	12	<1		F	PS
36	S	kitchen (east, left fixture)	1	<1	P	<1	<1	P	2	<1	P	7	<1	P	P	None
36A	S	kitchen (east, right fixture)	4	<1	P	1	<1	P	3	<1	P	2	<1	P	P	None
37	S	nurses	2	<1	P	<1	<1	P	1	<1	P	<1	<1	P	P	None
38	S	staff office	3	<1	P	<1	<1	P	<1	<1	P	1	<1	P	P	None
39	S	staff lounge	4	1	P	2	<1	P	<1	<1	P	1	<1	P	P	None
40	S	custodial sink, room 302	5	<1	P	2	<1	P	<1	<1	P	2	<1	P	P	None
41	S	resource room	7	1	P	<1	<1	P	1	<1	P	3	<1	P	P	None
42	S	resource room	1	<1	P	6	<1	P	<1	<1	P	4	<1	P	P	None
44	B	room 303	7	2	P	1	4	P	2	3	P	3	<1	P	P	None
45	B	room 312	6	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
46	B	first floor bottle filler							<1	<1	P	<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			7/28/2010			5/22/2013			1/26/2017			5/21/2020			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	Hall - south 1st floor	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B/S	room 100, after school daycare	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
03	B/S	room 101, special education	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
04	B/S	room 102, 1st grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
05	B/S	room 103, 1st grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
06	B/S	room 104, music classroom	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
07	B/S	room 105, math coach	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
08	B/S	room 202, kindergarten	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	hall north 2nd floor	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
10	S	room 203, kindergarten	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
11	B/S	room 205, 2nd grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
12	B/S	room 206, 2nd grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
13	B/S	room 207, computer lab	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
14	B/S	room 310, 4th grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B/S	room 311, Art classroom	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
17	B/S	room 300, 3rd and 4th grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	B/S	room 301, bilingual	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
19	B/S	room 304, 3rd grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
20	B/S	room 305, 4/5 th grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
21	B/S	room 306, 5th grade	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
22	B/S	room 307, empty	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
23	B	room 308	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
34	S	room 309	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
35	S	kitchen (south east)	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	S	kitchen (east, left fixture)	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36A	S	kitchen (east, right fixture)	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	S	nurses	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
38	S	staff office	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
39	S	staff lounge	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
40	S	custodial sink, room 302	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
41	S	resource room	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
42	S	resource room	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
44	B	room 303	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
45	B	room 312	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
46	B	first floor bottle filler							<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			7/28/2010			5/22/2013			1/26/2017			5/21/2020			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	Hall - south 1st floor	0.623	0.672	P	0.295	0.338	P	0.166	0.195	P	0.163	0.208	P	P	None
02	B/S	room 100, after school daycare	0.517	0.555	P	0.226	0.242	P	0.345	0.338	P	0.432	0.284	P	P	None
03	B/S	room 101, special education	0.531	0.64	P	0.319	0.364	P	0.264	0.32	P	0.43	0.454	P	P	None
04	B/S	room 102, 1st grade	0.593	0.68	P	0.221	0.234	P	0.254	0.259	P	0.312	0.3	P	P	None
05	B/S	room 103, 1st grade	0.503	0.611	P	0.225	0.227	P	0.25	0.272	P	0.32	0.322	P	P	None
06	B/S	room 104, music classroom	0.651	0.641	P	0.301	0.3	P	0.349	0.249	P	0.386	0.319	P	P	None
07	B/S	room 105, math coach	0.474	0.504	P	0.23	0.187	P	0.302	0.097	P	0.455	0.314	P	P	None
08	B/S	room 202, kindergarten	0.486	0.644	P	0.24	0.268	P	0.241	0.258	P	0.274	0.36	P	P	None
09	B	hall north 2nd floor	0.65	0.386	P	0.229	0.203	P	0.227	0.253	P	0.349	0.312	P	P	None
10	S	room 203, kindergarten	0.464	0.447	P	0.263	0.221	P	0.232	0.244	P	0.304	0.33	P	P	None
11	B/S	room 205, 2nd grade	0.477	0.434	P	0.194	0.159	P	0.226	0.073	P	0.376	0.322	P	P	None
12	B/S	room 206, 2nd grade	0.549	0.613	P	0.229	0.204	P	0.202	0.157	P	0.359	0.324	P	P	None
13	B/S	room 207, computer lab	0.538		P	0.2	0.202	P	0.192	1.76		0.318	0.318	P	P	None
14	B/S	room 310, 4th grade	0.521	0.655	P	0.247	0.204	P	0.235	0.246	P	0.382	0.3	P	P	None
15	B/S	room 311, Art classroom	0.453	0.666	P	0.177	0.2	P	0.25	0.253	P	0.352	0.336	P	P	None
17	B/S	room 300, 3rd and 4th grade	0.439	0.262	P	0.184	0.184	P	0.292	0.281	P	0.305	0.204	P	P	None
18	B/S	room 301, bilingual	0.391	0.302	P	0.205	0.196	P	0.261	0.282	P	0.363	0.335	P	P	None
19	B/S	room 304, 3rd grade	0.322	0.289	P	0.174	0.18	P	0.219	0.215	P	0.307	0.257	P	P	None
20	B/S	room 305, 4/5 th grade	0.393	0.518	P	0.154	0.172	P	0.226	0.225	P	0.282	0.286	P	P	None
21	B/S	room 306, 5th grade	0.513	0.626	P	0.218	0.199	P	0.232	0.228	P	0.454	0.297	P	P	None
22	B/S	room 307, empty	0.473	0.613	P	0.178	0.19	P	0.218	0.23	P	0.332	0.262	P	P	None
23	B	room 308	0.463	0.678	P	0.28	0.225	P	0.24	0.23	P	0.388	0.353	P	P	None
34	S	room 309	0.499	0.654	P	0.344	0.274	P	0.334	0.298	P	0.748	0.614	P	P	None
35	S	kitchen (south east)	0.469	0.502	P	0.219	0.197	P	0.27	0.381	P	0.289	0.407	P	P	None
36	S	kitchen (east, left fixture)	0.566	0.362	P	0.138	0.103	P	0.215	0.218	P	0.236	0.289	P	P	None
36A	S	kitchen (east, right fixture)	0.444	0.368	P	0.183	0.109	P	0.224	0.219	P	0.319	0.268	P	P	None
37	S	nurses	0.431	0.316	P	0.071	0.073	P	0.191	0.175	P	0.415	0.17	P	P	None
38	S	staff office	0.389	0.564	P	0.235	0.263	P	0.35	0.373	P	0.352	0.271	P	P	None
39	S	staff lounge	0.482	0.464	P	0.196	0.192	P	0.236	0.217	P	0.213	0.273	P	P	None
40	S	custodial sink, room 302	0.533	0.57	P	0.196	0.226	P	0.218	0.24	P	0.297	0.256	P	P	None
41	S	resource room	0.432	0.455	P	0.199	0.198	P	0.231	0.069	P	0.42	0.315	P	P	None
42	S	resource room	0.59	0.339	P	0.228	0.163	P	0.21	0.089	P	0.364	0.346	P	P	None
44	B	room 303	0.594	0.41	P	0.221	0.209	P	0.23	0.228	P	0.315	0.231	P	P	None
45	B	room 312	0.353	0.263	P	0.241	0.256	P	0.294	0.292	P	0.402	0.281	P	P	None
46	B	first floor bottle filler							0.232	0.256	P	0.256	0.314	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			7/28/2010		5/22/2013		1/26/2017		5/21/2020		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
01	B	Hall - south 1st floor									P	None
02	B/S	room 100, after school daycare									P	None
03	B/S	room 101, special education									P	None
04	B/S	room 102, 1st grade									P	None
05	B/S	room 103, 1st grade	0.073	P							P	None
06	B/S	room 104, music classroom			<0.05	P					P	None
07	B/S	room 105, math coach					0.102	P			P	None
08	B/S	room 202, kindergarten							0.15	P	P	None
09	B	hall north 2nd floor									P	None
10	S	room 203, kindergarten									P	None
11	B/S	room 205, 2nd grade									P	None
12	B/S	room 206, 2nd grade									P	None
13	B/S	room 207, computer lab									P	None
14	B/S	room 310, 4th grade									P	None
15	B/S	room 311, Art classroom									P	None
17	B/S	room 300, 3rd and 4th grade									P	None
18	B/S	room 301, bilingual									P	None
19	B/S	room 304, 3rd grade			<0.05	P					P	None
20	B/S	room 305, 4/5 th grade					0.087	P			P	None
21	B/S	room 306, 5th grade							0.135	P	P	None
22	B/S	room 307, empty									P	None
23	B	room 308									P	None
34	S	room 309			<0.05	P					P	None
35	S	kitchen (south east)					0.097	P			P	None
36	S	kitchen (east, left fixture)							0.177	P	P	None
36A	S	kitchen (east, right fixture)									P	None
37	S	nurses									P	None
38	S	staff office									P	None
39	S	staff lounge									P	None
40	S	custodial sink, room 302	0.089	P							P	None
41	S	resource room			<0.05	P					P	None
42	S	resource room					0.086	P			P	None
44	B	room 303							0.141	P	P	None
45	B	room 312										

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	3/4" HB custodian room 008	Arsenic	26-Jan-17	2 ppb	P
00	SE	3/4" HB custodian room 008	Cadmium	26-Jan-17	1 ppb	P
00	SE	3/4" HB custodian room 008	Chlorine	30-Apr-04	0.02 ppm	P
00	SE	3/4" HB custodian room 008	Copper	26-Jan-17	0.102 ppm	P
00	SE	3/4" HB custodian room 008	E coli	30-Apr-04	<1 Colonies	P
00	SE	3/4" HB custodian room 008	Iron	26-Jan-17	0.083 ppm	P
00	SE	3/4" HB custodian room 008	Lead	26-Jan-17	1 ppb	P
00	SE	3/4" HB custodian room 008	Total Coliforms	30-Apr-04	<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.