

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Whitman Middle School**

Updated November 13, 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.

Follow-up monitoring: Will be performed in 2023-2024.

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

CURRENT STATUS											
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
08	B	boys locker room	P	None	P	None	P	None	P	None	Yes
09	B	girls locker room	P	None	P	None	P	None	P	None	Yes
16	S/B	nurses office	P	None	P	None	P	None	P	None	Yes
17	B	basement hallway	P	None	P	None	P	None	P	None	Yes
18	B	lunch room, left	P	None	P	None	P	None	P	None	Yes
19	B	lunch room, right	P	None	P	None	P	None	P	None	Yes
22	S	teachers lounge	P	None	P	None	P	None	P	None	Yes
23	S	kitchen - dish sink	P	None	P	None	P	None	P	None	Yes
24	S	kitchen - kettle cooking unit	P	None	P	None	P	None	P	None	Yes
25	S	kitchen - food prep area	P	None	P	None	P	None	P	None	Yes
26	S	kitchen, left sink	P	None	P	None	P	None	P	None	Yes
27	S	kitchen, middle sink	P	None	P	None	P	None	P	None	Yes
28	S	kitchen, right sink	P	None	P	None	P	None	P	None	Yes
29	S	custodian office	P	None	P	None	P	None	P	None	Yes
30	B	gym foyer by the girl's restroom	P	None	P	None	P	None			Yes
32	S	office work room	P	None	P	None	P	None			Yes
33	S	library office	P	None	P	None	P	None			Yes
34	S	room 13	P	None	P	None	P	None	P	None	Yes
35	S	room 12, left	P	None	P	None	P	None	P	None	Yes
36	S	room 12, right									sample
40	B	EAST HALL, CENTRAL, OUTSIDE 105	P	None	P	None	P	None			Yes
41	B	EAST HALL, NORTH CENTRAL, OUTSIDE 111	P	None	P	None	P	None			Yes
42	B	EAST HALL, NORTH, OUTSIDE 115, LEFT	P	None	P	None	P	None			Yes
43	B	EAST HALL, NORTH, OUTSIDE 115, RIGHT	P	None	P	None	P	None			Yes
44	BF	EAST HALL, NORTH, OUTSIDE 115, BOTTLE FILLER	P	None	P	None	P	None			Yes
45	B	WEST HALL, NORTH, OUTSIDE 222	P	None	P	None	P	None			Yes
46	B	WEST HALL, NORTH, OUTSIDE 207, LEFT	P	None	P	None	P	None			Yes
47	B	WEST HALL, NORTH, OUTSIDE 207, RIGHT	P	None	P	None	P	None			Yes
48	BF	WEST HALL, NORTH, OUTSIDE 207, BOTTLE FILLER	P	None	P	None	P	None			Yes
49	B	WEST HALL, NORTH CENTRAL, OUTSIDE 214	P	None	P	None	P	None			Yes
50	B	CENTER HALL, WEST, OUTSIDE C-03	P	None	P	None	P	None			Yes
51	B	WEST HALL, SOUTH CENTRAL, OUTSIDE 210	P	None	P	None	P	None			Yes
52	B	WEST HALL, SOUTH, OUTSIDE 204, LEFT	P	None	P	None	P	None			Yes
53	B	WEST HALL, SOUTH, OUTSIDE 204, RIGHT	P	None	P	None	P	None			Yes
54	BF	WEST HALL, SOUTH, OUTSIDE 204, BOTTLE FILLER	P	None	P	None	P	None			Yes
55	B	SOUTH HALL	P	None	P	None	P	None			Yes
56	B	SOUTH HALL	P	None	P	None	P	None			Yes
57	B	EAST HALL, SOUTH, OUTSIDE MAIN OFFICE	P	None	P	None	P	None			Yes
58	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, LEFT	P	None	P	None	P	None			Yes
59	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, RIGHT	P	None	P	None	P	None			Yes
60	BF	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, BOTTLE FILLER	P	None	P	None	P	None			Yes
61	B	CENTER HALL, EAST, OUTSIDE C-07	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			7/17/2012			7/8/2015			10/17/2019			10/1/2020			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
08	B	boys locker room	<1	<1	P	<1	<1	P	<1	<1	P				P	None
09	B	girls locker room	2	<1	P	<1	<1	P	<1	<1	P				P	None
16	S/B	nurses office	5	<1	P	<1	<1	P	<1	<1	P				P	None
17	B	basement hallway	2	3	P	<1	<1	P	<1	<1	P				P	None
18	B	lunch room, left	1	<1	P	1	<1	P	<1	<1	P				P	None
19	B	lunch room, right	<1	<1	P	<1	<1	P	<1	<1	P				P	None
22	S	teachers lounge	1	<1	P	<1	<1	P	<1	<1	P				P	None
23	S	kitchen - dish sink	4	<1	P	4	<1	P	<1	<1	P				P	None
24	S	kitchen - kettle cooking unit	10	1	P	3	2	P	<1	<1	P				P	None
25	S	kitchen - food prep area	1	<1	P	1	<1	P	<1	<1	P				P	None
26	S	kitchen, left sink	4	1	P	3	<1	P	2	<1	P				P	None
27	S	kitchen, middle sink	3	1	P	2	<1	P	<1	<1	P				P	None
28	S	kitchen, right sink	4	1	P	3	<1	P	<1	<1	P				P	None
29	S	custodian office	1	1	P	<1	<1	P	<1	<1	P				P	None
30	B	gym foyer by the girl's restroom	<1	<1	P	<1	<1	P							P	None
32	S	office work room	3	<1	P	2	<1	P	<1	<1	P				P	None
33	S	library office	7	1	P	2	<1	P	<1	<1	P				P	None
34	S	room 13	4	2	P	4		P	<1	<1	P				P	None
35	S	room 12, left	10	2	P		2	P	3	2	P				P	None
36	S	room 12, right														
40	B	EAST HALL, CENTRAL, OUTSIDE 105										<1	<1	P	P	None
41	B	EAST HALL, NORTH CENTRAL, OUTSIDE 111										<1	<1	P	P	None
42	B	EAST HALL, NORTH, OUTSIDE 115, LEFT										<1	<1	P	P	None
43	B	EAST HALL, NORTH, OUTSIDE 115, RIGHT										<1	<1	P	P	None
44	BF	EAST HALL, NORTH, OUTSIDE 115, BOTTLE FILLER										<1	<1	P	P	None
45	B	WEST HALL, NORTH, OUTSIDE 222										<1	<1	P	P	None
46	B	WEST HALL, NORTH, OUTSIDE 207, LEFT										<1	<1	P	P	None
47	B	WEST HALL, NORTH, OUTSIDE 207, RIGHT										<1	<1	P	P	None
48	BF	WEST HALL, NORTH, OUTSIDE 207, BOTTLE FILLER										<1	<1	P	P	None
49	B	WEST HALL, NORTH CENTRAL, OUTSIDE 214										<1	<1	P	P	None
50	B	CENTER HALL, WEST, OUTSIDE C-03										<1	<1	P	P	None
51	B	WEST HALL, SOUTH CENTRAL, OUTSIDE 210										<1	<1	P	P	None
52	B	WEST HALL, SOUTH, OUTSIDE 204, LEFT										<1	<1	P	P	None
53	B	WEST HALL, SOUTH, OUTSIDE 204, RIGHT										<1	<1	P	P	None
54	BF	WEST HALL, SOUTH, OUTSIDE 204, BOTTLE FILLER										<1	<1	P	P	None
55	B	SOUTH HALL										<1	<1	P	P	None
56	B	SOUTH HALL										<1	<1	P	P	None
57	B	EAST HALL, SOUTH, OUTSIDE MAIN OFFICE										<1	<1	P	P	None
58	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, LEFT										<1	<1	P	P	None
59	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, RIGHT										<1	<1	P	P	None
60	BF	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, BOTTLE FILLER										<1	<1	P	P	None
61	B	CENTER HALL, EAST, OUTSIDE C-07										<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			7/17/2012			7/8/2015			10/17/2019			10/1/2020			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
08	B	boys locker room	<1	<1	P	<1	<1	P	<1	<1	P				P	None
09	B	girls locker room	<1	<1	P	<1	<1	P	<1	<1	P				P	None
16	S/B	nurses office	<1	<1	P	<1	<1	P	<1	<1	P				P	None
17	B	basement hallway	<1	<1	P	<1	<1	P	<1	<1	P				P	None
18	B	lunch room, left	<1	<1	P	<1	<1	P	<1	<1	P				P	None
19	B	lunch room, right	<1	<1	P	<1	<1	P	<1	<1	P				P	None
22	S	teachers lounge	<1	<1	P	<1	<1	P	<1	<1	P				P	None
23	S	kitchen - dish sink	<1	<1	P	<1	<1	P	<1	<1	P				P	None
24	S	kitchen - kettle cooking unit	<1	<1	P	<1	<1	P	<1	<1	P				P	None
25	S	kitchen - food prep area	<1	<1	P	<1	<1	P	<1	<1	P				P	None
26	S	kitchen, left sink	<1	<1	P	<1	<1	P	<1	<1	P				P	None
27	S	kitchen, middle sink	<1	<1	P	<1	<1	P	<1	<1	P				P	None
28	S	kitchen, right sink	<1	<1	P	<1	<1	P	<1	<1	P				P	None
29	S	custodian office	<1	<1	P	<1	<1	P	<1	<1	P				P	None
30	B	gym foyer by the girl's restroom	<1	<1	P	<1	<1	P							P	None
32	S	office work room	<1	<1	P	<1	<1	P	<1	<1	P				P	None
33	S	library office	<1	<1	P	<1	<1	P	<1	<1	P				P	None
34	S	room 13	<1	<1	P	<1		P	<1	<1	P				P	None
35	S	room 12, left	<1	<1	P		<1	P	<1	<1	P				P	None
36	S	room 12, right														
40	B	EAST HALL, CENTRAL, OUTSIDE 105										<1	<1	P	P	None
41	B	EAST HALL, NORTH CENTRAL, OUTSIDE 111										<1	<1	P	P	None
42	B	EAST HALL, NORTH, OUTSIDE 115, LEFT										<1	<1	P	P	None
43	B	EAST HALL, NORTH, OUTSIDE 115, RIGHT										<1	<1	P	P	None
44	BF	EAST HALL, NORTH, OUTSIDE 115, BOTTLE FILLER										<1	<1	P	P	None
45	B	WEST HALL, NORTH, OUTSIDE 222										<1	<1	P	P	None
46	B	WEST HALL, NORTH, OUTSIDE 207, LEFT										<1	<1	P	P	None
47	B	WEST HALL, NORTH, OUTSIDE 207, RIGHT										<1	<1	P	P	None
48	BF	WEST HALL, NORTH, OUTSIDE 207, BOTTLE FILLER										<1	<1	P	P	None
49	B	WEST HALL, NORTH CENTRAL, OUTSIDE 214										<1	<1	P	P	None
50	B	CENTER HALL, WEST, OUTSIDE C-03										<1	<1	P	P	None
51	B	WEST HALL, SOUTH CENTRAL, OUTSIDE 210										<1	<1	P	P	None
52	B	WEST HALL, SOUTH, OUTSIDE 204, LEFT										<1	<1	P	P	None
53	B	WEST HALL, SOUTH, OUTSIDE 204, RIGHT										<1	<1	P	P	None
54	BF	WEST HALL, SOUTH, OUTSIDE 204, BOTTLE FILLER										<1	<1	P	P	None
55	B	SOUTH HALL										<1	<1	P	P	None
56	B	SOUTH HALL										<1	<1	P	P	None
57	B	EAST HALL, SOUTH, OUTSIDE MAIN OFFICE										<1	<1	P	P	None
58	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, LEFT										<1	<1	P	P	None
59	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, RIGHT										<1	<1	P	P	None
60	BF	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, BOTTLE FILLER										<1	<1	P	P	None
61	B	CENTER HALL, EAST, OUTSIDE C-07										<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			7/17/2012			7/8/2015			10/17/2019			10/1/2020			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
08	B	boys locker room	0.296	0.293	P	0.358	0.388	P	0.318	0.329	P				P	None
09	B	girls locker room	0.197	0.216	P	0.266	0.271	P	0.267	0.206	P				P	None
16	S/B	nurses office	0.101	0.092	P	0.206	0.225	P	0.161	0.176	P				P	None
17	B	basement hallway	0.237	0.221	P	0.231	0.278	P	0.269	0.202	P				P	None
18	B	lunch room, left	0.194	0.222	P	0.229	0.253	P	0.185	0.196	P				P	None
19	B	lunch room, right	0.225	0.162	P	0.235	0.246	P	0.131	0.092	P				P	None
22	S	teachers lounge	0.192	0.022	P	0.196	0.038	P	0.105	0.078	P				P	None
23	S	kitchen - dish sink	0.193	0.167	P	0.188	0.232	P	0.305	0.113	P				P	None
24	S	kitchen - kettle cooking unit	0.289	0.111	P	0.172	0.175	P	0.219	0.192	P				P	None
25	S	kitchen - food prep area	0.156	0.164	P	0.167	0.226	P	0.304	0.126	P				P	None
26	S	kitchen, left sink	0.168	0.11	P	0.174	0.139	P	0.191	0.075	P				P	None
27	S	kitchen, middle sink	0.152	0.1	P	0.122	0.144	P	0.17	0.072	P				P	None
28	S	kitchen, right sink	0.153	0.098	P	0.212	0.161	P	0.194	0.075	P				P	None
29	S	custodian office	0.126	0.12	P	0.222	0.156	P	0.099	0.07	P				P	None
30	B	gym foyer by the girl's restroom	0.215	0.215	P	0.245	0.212	P							P	None
32	S	office work room	0.174	0.184	P	0.204	0.226	P	0.239	0.215	P				P	None
33	S	library office	0.196	0.202	P	0.248	0.209	P	0.235	0.271	P				P	None
34	S	room 13	0.209	0.165	P	0.375		P	0.293	0.112	P				P	None
35	S	room 12, left	0.206	0.227	P		0.207	P	0.273	0.153	P				P	None
36	S	room 12, right														
40	B	EAST HALL, CENTRAL, OUTSIDE 105										<0.002	<0.002	P	P	None
41	B	EAST HALL, NORTH CENTRAL, OUTSIDE 111										<0.002	<0.002	P	P	None
42	B	EAST HALL, NORTH, OUTSIDE 115, LEFT										0.2	0.248	P	P	None
43	B	EAST HALL, NORTH, OUTSIDE 115, RIGHT										0.236	0.249	P	P	None
44	BF	EAST HALL, NORTH, OUTSIDE 115, BOTTLE FILLER										0.188	0.183	P	P	None
45	B	WEST HALL, NORTH, OUTSIDE 222										<0.002	<0.002	P	P	None
46	B	WEST HALL, NORTH, OUTSIDE 207, LEFT										0.298	0.304	P	P	None
47	B	WEST HALL, NORTH, OUTSIDE 207, RIGHT										0.273	0.274	P	P	None
48	BF	WEST HALL, NORTH, OUTSIDE 207, BOTTLE FILLER										0.284	0.318	P	P	None
49	B	WEST HALL, NORTH CENTRAL, OUTSIDE 214										0.004	<0.002	P	P	None
50	B	CENTER HALL, WEST, OUTSIDE C-03										<0.002	<0.002	P	P	None
51	B	WEST HALL, SOUTH CENTRAL, OUTSIDE 210										<0.002	<0.002	P	P	None
52	B	WEST HALL, SOUTH, OUTSIDE 204, LEFT										0.274	0.152	P	P	None
53	B	WEST HALL, SOUTH, OUTSIDE 204, RIGHT										0.144	0.157	P	P	None
54	BF	WEST HALL, SOUTH, OUTSIDE 204, BOTTLE FILLER										0.149	0.147	P	P	None
55	B	SOUTH HALL										<0.002	<0.002	P	P	None
56	B	SOUTH HALL										<0.002	<0.002	P	P	None
57	B	EAST HALL, SOUTH, OUTSIDE MAIN OFFICE										<0.002	<0.002	P	P	None
58	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, LEFT										0.303	0.281	P	P	None
59	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, RIGHT										0.277	0.27	P	P	None
60	BF	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, BOTTLE FILLER										0.263	0.206	P	P	None
61	B	CENTER HALL, EAST, OUTSIDE C-07										<0.002	<0.002	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			7/17/2012		7/8/2015		10/17/2019		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
08	B	boys locker room							P	None
09	B	girls locker room	<0.05	P					P	None
16	S/B	nurses office							P	None
17	B	basement hallway							P	None
18	B	lunch room, left							P	None
19	B	lunch room, right							P	None
22	S	teachers lounge			<0.05	P			P	None
23	S	kitchen - dish sink	<0.05	P			<0.05	P	P	None
24	S	kitchen - kettle cooking unit							P	None
25	S	kitchen - food prep area							P	None
26	S	kitchen, left sink							P	None
27	S	kitchen, middle sink							P	None
28	S	kitchen, right sink							P	None
29	S	custodian office							P	None
30	B	gym foyer by the girl's restroom								
32	S	office work room								
33	S	library office								
34	S	room 13			<0.05	P			P	None
35	S	room 12, left					<0.05	P	P	None
36	S	room 12, right								
40	B	EAST HALL, CENTRAL, OUTSIDE 105								
41	B	EAST HALL, NORTH CENTRAL, OUTSIDE 111								
42	B	EAST HALL, NORTH, OUTSIDE 115, LEFT								
43	B	EAST HALL, NORTH, OUTSIDE 115, RIGHT								
44	BF	EAST HALL, NORTH, OUTSIDE 115, BOTTLE FILLER								
45	B	WEST HALL, NORTH, OUTSIDE 222								
46	B	WEST HALL, NORTH, OUTSIDE 207, LEFT								
47	B	WEST HALL, NORTH, OUTSIDE 207, RIGHT								
48	BF	WEST HALL, NORTH, OUTSIDE 207, BOTTLE FILLER								
49	B	WEST HALL, NORTH CENTRAL, OUTSIDE 214								
50	B	CENTER HALL, WEST, OUTSIDE C-03								
51	B	WEST HALL, SOUTH CENTRAL, OUTSIDE 210								
52	B	WEST HALL, SOUTH, OUTSIDE 204, LEFT								
53	B	WEST HALL, SOUTH, OUTSIDE 204, RIGHT								
54	BF	WEST HALL, SOUTH, OUTSIDE 204, BOTTLE FILLER								
55	B	SOUTH HALL								
56	B	SOUTH HALL								
57	B	EAST HALL, SOUTH, OUTSIDE MAIN OFFICE								
58	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, LEFT								
59	B	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, RIGHT								
60	BF	EAST HALL, SOUTH CENTRAL, OUTSIDE 101, BOTTLE FILLER								
61	B	CENTER HALL, EAST, OUTSIDE C-07								

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	Arsenic	17-Oct-19	2 ppb	P
00	SE	boiler room	Cadmium	17-Oct-19	1 ppb	P
00	SE	boiler room	Chlorine	06-May-04	<0.02 ppm	P
00	SE	boiler room	Copper	17-Oct-19	0.08 ppm	P
00	SE	boiler room	E coli	06-May-04	<1 Colonies	P
00	SE	boiler room	Iron	17-Oct-19	<0.05 ppm	P
00	SE	boiler room	Lead	17-Oct-19	1 ppb	P
00	SE	boiler room	Total Coliforms	29-Jul-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.