

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Meany middle School**

Updated September 3, 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.

Status:

Policy Criteria:

All sources meet the policy criteria.

Follow-up monitoring: Will be performed in school year 2020-2021.

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
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			CURRENT STATUS								
			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	KITCHEN, LEFT	P	None	P	None	P	None			Yes
02	S	KITCHEN, MIDDLE	P	None	P	None	P	None			Yes
03	S	KITCHEN, RIGHT	P	None	P	None	P	None			Yes
04	K	KITCHEN, KETTLE	P	None	P	None	P	None			Yes
05	S	KITCHEN, LEFT	P	None	P	None	P	None			Yes
06	S	ROOM 044A	P	None	P	None	P	None	P	None	Yes
07	S	ROOM 043	P	None	P	None	P	None			Yes
08	B	HALLWAY 113, LEFT	P	None	P	None	P	None			Yes
09	B	HALLWAY 113, RIGHT	P	None	P	None	P	None			Yes
10	B	HALLWAY 113, BOTTLE FILLER	P	None	P	None	P	None			Yes
11	B	GYM, LEFT	P	None	P	None	P	None			Yes
12	B	GYM, RIGHT	P	None	P	None	P	None	P	None	Yes
13	B	GYM, BOTTLE FILLER	P	None	P	None	P	None			Yes
14	S	NURSE, ROOM 058K	P	None	P	None	P	None			Yes
15	S	NURSE, ROOM 058E	P	None	P	None	P	None			Yes
16	S	NURSE, ROOM 058F	P	None	P	None	P	None			Yes
17	S	NURSE, ROOM 058H	P	None	P	None	P	None	P	None	Yes
18	S	OFFICE WORK ROOM	P	None	P	None	P	None			Yes
19	B	HALLWAY 118, LEFT	P	None	P	None	P	None			Yes
20	B	HALLWAY 118, RIGHT	P	None	P	None	P	None			Yes
21	B	HALLWAY 118, BOTTLE FILLER	P	None	P	None	P	None			Yes
22	B	HALLWAY 116, LEFT	P	None	P	None	P	None			Yes
23	B	HALLWAY 116, RIGHT	P	None	P	None	P	None			Yes
24	S	ROOM 022	P	None	P	None	P	None	P	None	Yes
25	S	ROOM 023B	P	None	P	None	P	None			Yes
26	S	LIBRARY OFFICE	P	None	P	None	P	None			Yes
27	B	HALLWAY 101, LEFT	P	None	P	None					Yes
28	B	HALLWAY 101, RIGHT	P	None	P	None	P	None			Yes
29	S	ROOM 029	P	None	P	None	P	None			Yes
30	S	ROOM 029A	P	None	P	None	P	None	P	None	Yes
31	S/B	ROOM 030	P	None	P	None	P	None			Yes
32	S	ART ROOM 031, LEFT	P	None	P	None	P	None			Yes
33	S	ART ROOM 031, RIGHT	P	None	P	None	P	None			Yes
34	S	ART ROOM 031, LEFT	P	None	P	None	P	None			Yes
35	S	ART ROOM 031, RIGHT	P	None	P	None	P	None	P	None	Yes
36	S	KITCHEN, RIGHT	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			8/23/2017			9/6/2017			8/29/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S	KITCHEN, LEFT	1	<1	P							P	None
02	S	KITCHEN, MIDDLE	<1	<1	P							P	None
03	S	KITCHEN, RIGHT	<1	<1	P							P	None
04	K	KITCHEN, KETTLE	9	<1	P							P	None
05	S	KITCHEN, LEFT	5	<1	P							P	None
06	S	ROOM 044A	<1	<1	P							P	None
07	S	ROOM 043	1	<1	P							P	None
08	B	HALLWAY 113, LEFT	2	<1	P							P	None
09	B	HALLWAY 113, RIGHT	<1	<1	P							P	None
10	B	HALLWAY 113, BOTTLE FILLER	<1	2	P							P	None
11	B	GYM, LEFT	<1	<1	P							P	None
12	B	GYM, RIGHT	<1	<1	P							P	None
13	B	GYM, BOTTLE FILLER	1	1	P							P	None
14	S	NURSE, ROOM 058K	<1	<1	P							P	None
15	S	NURSE, ROOM 058E	<1	<1	P							P	None
16	S	NURSE, ROOM 058F	<1	<1	P							P	None
17	S	NURSE, ROOM 058H	<1	<1	P							P	None
18	S	OFFICE WORK ROOM	2	<1	P							P	None
19	B	HALLWAY 118, LEFT	<1	<1	P							P	None
20	B	HALLWAY 118, RIGHT	<1	<1	P							P	None
21	B	HALLWAY 118, BOTTLE FILLER				<1	<1	P				P	None
22	B	HALLWAY 116, LEFT	<1	<1	P							P	None
23	B	HALLWAY 116, RIGHT	<1	<1	P							P	None
24	S	ROOM 022	1	2	P							P	None
25	S	ROOM 023B	5	<1	P							P	None
26	S	LIBRARY OFFICE	4	2	P							P	None
27	B	HALLWAY 101, LEFT	9	1	P							P	None
28	B	HALLWAY 101, RIGHT	<1	<1	P							P	None
29	S	ROOM 029	30	4		4	2	P				P	None
30	S	ROOM 029A	27	6		18	2		1	1	P	P	None
31	S/B	ROOM 030	<1	<1	P							P	None
32	S	ART ROOM 031, LEFT	20	<1		5	<1	P				P	None
33	S	ART ROOM 031, RIGHT	16	<1		8	<1	P				P	None
34	S	ART ROOM 031, LEFT	19	<1		2	<1	P				P	None
35	S	ART ROOM 031, RIGHT	16	<1		7	<1	P				P	None
36	S	KITCHEN, RIGHT	3	<1	P							P	None

Table 3. Cadmium Test Results

Test Results (Cadmium/Cd, ppb)																
FIXTURE INFORMATION			Initial Sampling						Follow-up Sampling 1						Summary Status	
Fixture ID	Type	Location	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Pass/Fail	Status
01	S	KITCHEN, LEFT	8/23/2017	<1	<1		P								P	None
02	S	KITCHEN, MIDDLE	8/23/2017	<1	<1		P								P	None
03	S	KITCHEN, RIGHT	8/23/2017	<1	<1		P								P	None
04	K	KITCHEN, KETTLE	8/23/2017	<1	<1		P								P	None
05	S	KITCHEN, LEFT	8/23/2017	<1	<1		P								P	None
06	S	ROOM 044A	8/23/2017	<1	<1		P								P	None
07	S	ROOM 043	8/23/2017	<1	<1		P								P	None
08	B	HALLWAY 113, LEFT	8/23/2017	<1	<1		P								P	None
09	B	HALLWAY 113, RIGHT	8/23/2017	<1	<1		P								P	None
10	B	HALLWAY 113, BOTTLE FILLER	8/23/2017	<1	<1		P								P	None
11	B	GYM, LEFT	8/23/2017	<1	<1		P								P	None
12	B	GYM, RIGHT	8/23/2017	<1	<1		P								P	None
13	B	GYM, BOTTLE FILLER	8/23/2017	<1	<1		P								P	None
14	S	NURSE, ROOM 058K	8/23/2017	<1	<1		P								P	None
15	S	NURSE, ROOM 058E	8/23/2017	<1	<1		P								P	None
16	S	NURSE, ROOM 058F	8/23/2017	<1	<1		P								P	None
17	S	NURSE, ROOM 058H	8/23/2017	<1	<1		P								P	None
18	S	OFFICE WORK ROOM	8/23/2017	<1	<1		P								P	None
19	B	HALLWAY 118, LEFT	8/23/2017	<1	<1		P								P	None
20	B	HALLWAY 118, RIGHT	8/23/2017	<1	<1		P								P	None
21	B	HALLWAY 118, BOTTLE FILLER							9/6/2017	<1	<1		P		P	None
22	B	HALLWAY 116, LEFT	8/23/2017	<1	<1		P								P	None
23	B	HALLWAY 116, RIGHT	8/23/2017	<1	<1		P								P	None
24	S	ROOM 022	8/23/2017	<1	<1		P								P	None
25	S	ROOM 023B	8/23/2017	<1	<1		P								P	None
26	S	LIBRARY OFFICE	8/23/2017	<1	<1		P								P	None
27	B	HALLWAY 101, LEFT	8/23/2017	<1	<1		P								P	None
28	B	HALLWAY 101, RIGHT	8/23/2017	<1	<1		P								P	None
29	S	ROOM 029	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
30	S	ROOM 029A	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
31	S/B	ROOM 030	8/23/2017	<1	<1		P								P	None
32	S	ART ROOM 031, LEFT	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
33	S	ART ROOM 031, RIGHT	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
34	S	ART ROOM 031, LEFT	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
35	S	ART ROOM 031, RIGHT	8/23/2017	<1	<1		P		9/6/2017	<1	<1		P		P	None
36	S	KITCHEN, RIGHT	8/23/2017	<1	<1		P								P	None

Table 4. Copper Test Results

Test Results (Copper/Cu, ppm)																
FIXTURE INFORMATION			Initial Sampling						Follow-up Sampling 1						Summary Status	
Fixture ID	Type	Location	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Pass/Fail	Status
01	S	KITCHEN, LEFT	8/23/2017	0.386	0.27		P								P	None
02	S	KITCHEN, MIDDLE	8/23/2017	0.159	0.264		P								P	None
03	S	KITCHEN, RIGHT	8/23/2017	0.298	0.298		P								P	None
04	K	KITCHEN, KETTLE	8/23/2017	0.223	0.156		P								P	None
05	S	KITCHEN, LEFT	8/23/2017	0.069	0.106		P								P	None
06	S	ROOM 044A	8/23/2017	0.068	0.022		P								P	None
07	S	ROOM 043	8/23/2017	0.257	0.279		P								P	None
08	B	HALLWAY 113, LEFT	8/23/2017	0.424	0.261		P								P	None
09	B	HALLWAY 113, RIGHT	8/23/2017	0.352	0.23		P								P	None
10	B	HALLWAY 113, BOTTLE FILLER	8/23/2017	0.275	0.61		P								P	None
11	B	GYM, LEFT	8/23/2017	0.372	0.316		P								P	None
12	B	GYM, RIGHT	8/23/2017	0.322	0.273		P								P	None
13	B	GYM, BOTTLE FILLER	8/23/2017	0.387	0.36		P								P	None
14	S	NURSE, ROOM 058K	8/23/2017	0.317	0.219		P								P	None
15	S	NURSE, ROOM 058E	8/23/2017	0.254	0.084		P								P	None
16	S	NURSE, ROOM 058F	8/23/2017	0.252	0.107		P								P	None
17	S	NURSE, ROOM 058H	8/23/2017	0.22	0.138		P								P	None
18	S	OFFICE WORK ROOM	8/23/2017	0.551	0.601		P								P	None
19	B	HALLWAY 118, LEFT	8/23/2017	0.217	0.232		P								P	None
20	B	HALLWAY 118, RIGHT	8/23/2017	0.218	0.216		P								P	None
21	B	HALLWAY 118, BOTTLE FILLER							9/6/2017	0.172	0.115		P		P	None
22	B	HALLWAY 116, LEFT	8/23/2017	0.279	0.288		P								P	None
23	B	HALLWAY 116, RIGHT	8/23/2017	0.27	0.262		P								P	None
24	S	ROOM 022	8/23/2017	0.227	0.301		P								P	None
25	S	ROOM 023B	8/23/2017	0.139	0.172		P								P	None
26	S	LIBRARY OFFICE	8/23/2017	0.656	0.282		P								P	None
27	B	HALLWAY 101, LEFT	8/23/2017													
28	B	HALLWAY 101, RIGHT	8/23/2017	0.268	0.195		P								P	None
29	S	ROOM 029	8/23/2017	2.42	0.662				9/6/2017	0.271	0.3		P		P	None
30	S	ROOM 029A	8/23/2017	3.06	0.917				9/6/2017	1.2	0.314		P		P	None
31	S/B	ROOM 030	8/23/2017	0.25	0.286		P								P	None
32	S	ART ROOM 031, LEFT	8/23/2017	0.235	0.263		P		9/6/2017	0.274	0.247		P		P	None
33	S	ART ROOM 031, RIGHT	8/23/2017	0.297	0.255		P		9/6/2017	0.258	0.231		P		P	None
34	S	ART ROOM 031, LEFT	8/23/2017	0.306	0.248		P		9/6/2017	0.238	0.22		P		P	None
35	S	ART ROOM 031, RIGHT	8/23/2017	0.192	0.234		P		9/6/2017	0.22	0.212		P		P	None
36	S	KITCHEN, RIGHT	8/23/2017	0.102	0.105		P								P	None

Table 5. Iron Test Results

Test Results (Iron/Fe, ppm)										
FIXTURE INFORMATION			Initial Sampling						Summary Status	
Fixture ID	Type	Location	Sampled	1st Draw	Flush 30s	Flush 2m	Pass/Fail	Status	Pass/Fail	Status
01	S	KITCHEN, LEFT						Sample		
02	S	KITCHEN, MIDDLE						Sample		
03	S	KITCHEN, RIGHT						Sample		
04	K	KITCHEN, KETTLE						Sample		
05	S	KITCHEN, LEFT						Sample		
06	S	ROOM 044A	8/23/2017			0.077	P		P	None
07	S	ROOM 043						Sample		
08	B	HALLWAY 113, LEFT						Sample		
09	B	HALLWAY 113, RIGHT						Sample		
10	B	HALLWAY 113, BOTTLE FILLER						Sample		
11	B	GYM, LEFT						Sample		
12	B	GYM, RIGHT	8/23/2017			0.08	P		P	None
13	B	GYM, BOTTLE FILLER						Sample		
14	S	NURSE, ROOM 058K						Sample		
15	S	NURSE, ROOM 058E						Sample		
16	S	NURSE, ROOM 058F						Sample		
17	S	NURSE, ROOM 058H	8/23/2017			0.063	P		P	None
18	S	OFFICE WORK ROOM						Sample		
19	B	HALLWAY 118, LEFT						Sample		
20	B	HALLWAY 118, RIGHT						Sample		
21	B	HALLWAY 118, BOTTLE FILLER						Sample		
22	B	HALLWAY 116, LEFT						Sample		
23	B	HALLWAY 116, RIGHT						Sample		
24	S	ROOM 022	8/23/2017			<0.05	P		P	None
25	S	ROOM 023B						Sample		
26	S	LIBRARY OFFICE						Sample		
27	B	HALLWAY 101, LEFT						Sample		
28	B	HALLWAY 101, RIGHT						Sample		
29	S	ROOM 029						Sample		
30	S	ROOM 029A	8/23/2017			0.052	P		P	None
31	S/B	ROOM 030						Sample		
32	S	ART ROOM 031, LEFT						Sample		
33	S	ART ROOM 031, RIGHT						Sample		
34	S	ART ROOM 031, LEFT						Sample		
35	S	ART ROOM 031, RIGHT	8/23/2017			0.053	P		P	None
36	S	KITCHEN, RIGHT						Sample		

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	23-Aug-17	2 ppb	P
00	SE	BOILER ROOM SINK	Cadmium	23-Aug-17	1 ppb	P
00	SE	BOILER ROOM SINK	Copper	23-Aug-17	0.009 ppm	P
00	SE	BOILER ROOM SINK	Iron	23-Aug-17	0.084 ppm	P
00	SE	BOILER ROOM SINK	Lead	23-Aug-17	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.