

Results of Water Quality Testing
for
Olympic Hills Elementary

Updated July 10, 2017

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

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
01	S	ROOM 188	P	None	P	None	P	None			Yes
02	S	ROOM 188C	P	None	P	None	P	None			Yes
03	S	ROOM 188C	P	None	P	None	P	None			Yes
04	S/B	ROOM 173	P	None	P	None	P	None			Yes
05	S/B	ROOM 175	P	None	P	None	P	None	P	None	Yes
06	S/B	ROOM 177	P	None	P	None	P	None			Yes
07	S/B	ROOM 176	P	None	P	None	P	None			Yes
08	S/B	ROOM 172	P	None	P	None	P	None			Yes
09	S	ROOM 100S	P	None	P	None	P	None			Yes
10	S	ROOM 100M WORKROOM	P	None	P	None	P	None			Yes
11	S/B	ROOM 161	P	None	P	None	P	None	P	None	Yes
12	S/B	ROOM 163	P	None	P	None	P	None			Yes
13	S/B	ROOM 165	P	None	P	None	P	None			Yes
14	S/B	ROOM 166	P	None	P	None	P	None			Yes
15	S/B	ROOM 162	P	None	P	None	P	None			Yes
16	S/B	ROOM 153	P	None	P	None	P	None	P	None	Yes
17	S/B	ROOM 155	P	None	P	None	P	None			Yes
18	S/B	ROOM 157	P	None	P	None	P	None			Yes
19	S/B	ROOM 156	P	None	P	None	P	None			Yes
20	S/B	ROOM 152	P	None	P	None	P	None			Yes
21	S/B	ROOM 253	P	None	P	None	P	None	P	None	Yes
22	S/B	ROOM 255	P	None	P	None	P	None			Yes
23	S/B	ROOM 257	P	None	P	None	P	None			Yes
24	S/B	ROOM 256	P	None	P	None	P	None			Yes
25	S/B	ROOM 252	P	None	P	None	P	None			Yes
26	S/B	ROOM 275	P	None	P	None	P	None	P	None	Yes
27	S/B	ROOM 277	P	None	P	None	P	None			Yes
28	S/B	ROOM 276	P	None	P	None	P	None			Yes
29	S/B	ROOM 272	P	None	P	None	P	None			Yes
30	S/B	ROOM 261	P	None	P	None	P	None			Yes
31	S/B	ROOM 263	P	None	P	None	P	None	P	None	Yes
32	S/B	ROOM 265	P	None	P	None	P	None			Yes
33	S/B	ROOM 266	P	None	P	None	P	None			Yes
34	S/B	ROOM 264	P	None	P	None	P	None			Yes
35	S	ROOM 121	P	None	P	None	P	None			Yes
36	S	ROOM 110A	P	None	P	None	P	None	P	None	Yes
37	S	ROOM 112B COT ROOM	P	None	P	None	P	None			Yes
38	S	ROOM 112E STAFF LOUNGE	P	None	P	None	P	None			Yes
39	B	CAFETERIA, LEFT	P	None	P	None	P	None			Yes
40	B	CAFETERIA, RIGHT	P	None	P	None	P	None			Yes
41	B	CAFETERIA, BOTTLE FILLER	P	None	P	None	P	None	P	None	Yes
42	S	KITCHEN, LEFT	P	None	P	None	P	None			Yes

43	S	KITCHEN, RIGHT	P	None	P	None	P	None			Yes
44	S	COMMONS, 130	P	None	P	None	P	None			Yes
45	S	LOADING DOCK, 135	P	None	P	None	P	None			Yes
46	B	GYM, LEFT	P	None	P	None	P	None	P	None	Yes
47	B	GYM, RIGHT	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

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	ROOM 188	6/22/2017	<1	<1		P	Sample	P	None
02	S	ROOM 188C	6/22/2017	<1	<1		P	Sample	P	None
03	S	ROOM 188C	6/22/2017	<1	<1		P	Sample	P	None
04	S/B	ROOM 173	6/22/2017	<1	<1		P	Sample	P	None
05	S/B	ROOM 175	6/22/2017	<1	<1		P	Sample	P	None
06	S/B	ROOM 177	6/22/2017	<1	<1		P	Sample	P	None
07	S/B	ROOM 176	6/22/2017	<1	<1		P	Sample	P	None
08	S/B	ROOM 172	6/22/2017	<1	<1		P	Sample	P	None
09	S	ROOM 100S	6/22/2017	<1	<1		P	Sample	P	None
10	S	ROOM 100M WORKROOM	6/22/2017	<1	<1		P	Sample	P	None
11	S/B	ROOM 161	6/22/2017	<1	<1		P	Sample	P	None
12	S/B	ROOM 163	6/22/2017	<1	<1		P	Sample	P	None
13	S/B	ROOM 165	6/22/2017	<1	<1		P	Sample	P	None
14	S/B	ROOM 166	6/22/2017	<1	<1		P	Sample	P	None
15	S/B	ROOM 162	6/22/2017	<1	<1		P	Sample	P	None
16	S/B	ROOM 153	6/22/2017	<1	<1		P	Sample	P	None
17	S/B	ROOM 155	6/22/2017	<1	<1		P	Sample	P	None
18	S/B	ROOM 157	6/22/2017	<1	<1		P	Sample	P	None
19	S/B	ROOM 156	6/22/2017	<1	<1		P	Sample	P	None
20	S/B	ROOM 152	6/22/2017	<1	<1		P	Sample	P	None
21	S/B	ROOM 253	6/22/2017	<1	<1		P	Sample	P	None
22	S/B	ROOM 255	6/22/2017	<1	<1		P	Sample	P	None
23	S/B	ROOM 257	6/22/2017	<1	<1		P	Sample	P	None
24	S/B	ROOM 256	6/22/2017	<1	<1		P	Sample	P	None
25	S/B	ROOM 252	6/22/2017	<1	<1		P	Sample	P	None
26	S/B	ROOM 275	6/22/2017	<1	<1		P	Sample	P	None
27	S/B	ROOM 277	6/22/2017	<1	<1		P	Sample	P	None
28	S/B	ROOM 276	6/22/2017	<1	<1		P	Sample	P	None
29	S/B	ROOM 272	6/22/2017	<1	<1		P	Sample	P	None
30	S/B	ROOM 261	6/22/2017	<1	<1		P	Sample	P	None
31	S/B	ROOM 263	6/22/2017	<1	<1		P	Sample	P	None
32	S/B	ROOM 265	6/22/2017	<1	<1		P	Sample	P	None
33	S/B	ROOM 266	6/22/2017	<1	<1		P	Sample	P	None
34	S/B	ROOM 264	6/22/2017	<1	<1		P	Sample	P	None
35	S	ROOM 121	6/22/2017	<1	<1		P	Sample	P	None
36	S	ROOM 110A	6/22/2017	<1	<1		P	Sample	P	None
37	S	ROOM 112B COT ROOM	6/22/2017	<1	<1		P	Sample	P	None
38	S	ROOM 112E STAFF LOUNGE	6/22/2017	<1	<1		P	Sample	P	None
39	B	CAFETERIA, LEFT	6/22/2017	<1	<1		P	Sample	P	None
40	B	CAFETERIA, RIGHT	6/22/2017	<1	<1		P	Sample	P	None
41	B	CAFETERIA, BOTTLE FILLER	6/22/2017	<1	<1		P	Sample	P	None
42	S	KITCHEN, LEFT	6/22/2017	<1	<1		P	Sample	P	None
43	S	KITCHEN, RIGHT	6/22/2017	<1	<1		P	Sample	P	None
44	S	COMMONS, 130	6/22/2017	<1	<1		P	Sample	P	None
45	S	LOADING DOCK, 135	6/22/2017	<1	<1		P	Sample	P	None
46	B	GYM, LEFT	6/22/2017	<1	<1		P	Sample	P	None
47	B	GYM, RIGHT	6/22/2017	<1	<1		P	Sample	P	None

Table 3. Cadmium Test Results

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	ROOM 188	6/22/2017	<1	<1		P		P	None
02	S	ROOM 188C	6/22/2017	<1	<1		P		P	None
03	S	ROOM 188C	6/22/2017	<1	<1		P		P	None
04	S/B	ROOM 173	6/22/2017	<1	<1		P		P	None
05	S/B	ROOM 175	6/22/2017	<1	<1		P		P	None
06	S/B	ROOM 177	6/22/2017	<1	<1		P		P	None
07	S/B	ROOM 176	6/22/2017	<1	<1		P		P	None
08	S/B	ROOM 172	6/22/2017	<1	<1		P		P	None
09	S	ROOM 100S	6/22/2017	<1	<1		P		P	None
10	S	ROOM 100M WORKROOM	6/22/2017	<1	<1		P		P	None
11	S/B	ROOM 161	6/22/2017	<1	<1		P		P	None
12	S/B	ROOM 163	6/22/2017	<1	<1		P		P	None
13	S/B	ROOM 165	6/22/2017	<1	<1		P		P	None
14	S/B	ROOM 166	6/22/2017	<1	<1		P		P	None
15	S/B	ROOM 162	6/22/2017	<1	<1		P		P	None
16	S/B	ROOM 153	6/22/2017	<1	<1		P		P	None
17	S/B	ROOM 155	6/22/2017	<1	<1		P		P	None
18	S/B	ROOM 157	6/22/2017	<1	<1		P		P	None
19	S/B	ROOM 156	6/22/2017	<1	<1		P		P	None
20	S/B	ROOM 152	6/22/2017	<1	<1		P		P	None
21	S/B	ROOM 253	6/22/2017	<1	<1		P		P	None
22	S/B	ROOM 255	6/22/2017	<1	<1		P		P	None
23	S/B	ROOM 257	6/22/2017	<1	<1		P		P	None
24	S/B	ROOM 256	6/22/2017	<1	<1		P		P	None
25	S/B	ROOM 252	6/22/2017	<1	<1		P		P	None
26	S/B	ROOM 275	6/22/2017	<1	<1		P		P	None
27	S/B	ROOM 277	6/22/2017	<1	<1		P		P	None
28	S/B	ROOM 276	6/22/2017	<1	<1		P		P	None
29	S/B	ROOM 272	6/22/2017	<1	<1		P		P	None
30	S/B	ROOM 261	6/22/2017	<1	<1		P		P	None
31	S/B	ROOM 263	6/22/2017	<1	<1		P		P	None
32	S/B	ROOM 265	6/22/2017	<1	<1		P		P	None
33	S/B	ROOM 266	6/22/2017	<1	<1		P		P	None
34	S/B	ROOM 264	6/22/2017	<1	<1		P		P	None
35	S	ROOM 121	6/22/2017	<1	<1		P		P	None
36	S	ROOM 110A	6/22/2017	<1	<1		P		P	None
37	S	ROOM 112B COT ROOM	6/22/2017	<1	<1		P		P	None
38	S	ROOM 112E STAFF LOUNGE	6/22/2017	<1	<1		P		P	None
39	B	CAFETERIA, LEFT	6/22/2017	<1	<1		P		P	None
40	B	CAFETERIA, RIGHT	6/22/2017	<1	<1		P		P	None
41	B	CAFETERIA, BOTTLE FILLER	6/22/2017	<1	<1		P		P	None
42	S	KITCHEN, LEFT	6/22/2017	<1	<1		P		P	None
43	S	KITCHEN, RIGHT	6/22/2017	<1	<1		P		P	None
44	S	COMMONS, 130	6/22/2017	<1	<1		P		P	None
45	S	LOADING DOCK, 135	6/22/2017	<1	<1		P		P	None
46	B	GYM, LEFT	6/22/2017	<1	<1		P		P	None
47	B	GYM, RIGHT	6/22/2017	<1	<1		P		P	None

Table 4. Copper Test Results

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	ROOM 188	6/22/2017	0.198	0.214		P		P	None
02	S	ROOM 188C	6/22/2017	0.189	0.212		P		P	None
03	S	ROOM 188C	6/22/2017	0.218	0.214		P		P	None
04	S/B	ROOM 173	6/22/2017	0.248	0.2		P		P	None
05	S/B	ROOM 175	6/22/2017	0.212	0.076		P		P	None
06	S/B	ROOM 177	6/22/2017	0.225	0.093		P		P	None
07	S/B	ROOM 176	6/22/2017	0.217	0.085		P		P	None
08	S/B	ROOM 172	6/22/2017	0.201	0.076		P		P	None
09	S	ROOM 100S	6/22/2017	0.13	0.077		P		P	None
10	S	ROOM 100M WORKROOM	6/22/2017	0.099	0.073		P		P	None
11	S/B	ROOM 161	6/22/2017	0.119	0.09		P		P	None
12	S/B	ROOM 163	6/22/2017	0.115	0.054		P		P	None
13	S/B	ROOM 165	6/22/2017	0.123	0.067		P		P	None
14	S/B	ROOM 166	6/22/2017	0.105	0.065		P		P	None
15	S/B	ROOM 162	6/22/2017	0.11	0.085		P		P	None
16	S/B	ROOM 153	6/22/2017	0.096	0.105		P		P	None
17	S/B	ROOM 155	6/22/2017	0.118	0.116		P		P	None
18	S/B	ROOM 157	6/22/2017	0.121	0.108		P		P	None
19	S/B	ROOM 156	6/22/2017	0.116	0.109		P		P	None
20	S/B	ROOM 152	6/22/2017	0.106	0.12		P		P	None
21	S/B	ROOM 253	6/22/2017	0.142	0.124		P		P	None
22	S/B	ROOM 255	6/22/2017	0.118	0.124		P		P	None
23	S/B	ROOM 257	6/22/2017	0.138	0.102		P		P	None
24	S/B	ROOM 256	6/22/2017	0.13	0.113		P		P	None
25	S/B	ROOM 252	6/22/2017	0.13	0.112		P		P	None
26	S/B	ROOM 275	6/22/2017	0.1	0.08		P		P	None
27	S/B	ROOM 277	6/22/2017	0.131	0.094		P		P	None
28	S/B	ROOM 276	6/22/2017	0.122	0.086		P		P	None
29	S/B	ROOM 272	6/22/2017	0.136	0.07		P		P	None
30	S/B	ROOM 261	6/22/2017	0.1	0.085		P		P	None
31	S/B	ROOM 263	6/22/2017	0.103	0.056		P		P	None
32	S/B	ROOM 265	6/22/2017	0.105	0.099		P		P	None
33	S/B	ROOM 266	6/22/2017	0.1	0.067		P		P	None
34	S/B	ROOM 264	6/22/2017	0.117	0.072		P		P	None
35	S	ROOM 121	6/22/2017	0.081	0.097		P		P	None
36	S	ROOM 110A	6/22/2017	0.118	0.1		P		P	None
37	S	ROOM 112B COT ROOM	6/22/2017	0.1	0.102		P		P	None
38	S	ROOM 112E STAFF LOUNGE	6/22/2017	0.095	0.114		P		P	None
39	B	CAFETERIA, LEFT	6/22/2017	0.116	0.1		P		P	None
40	B	CAFETERIA, RIGHT	6/22/2017	0.103	0.092		P		P	None
41	B	CAFETERIA, BOTTLE FILLER	6/22/2017	0.084	0.096		P		P	None
42	S	KITCHEN, LEFT	6/22/2017	0.112	0.141		P		P	None
43	S	KITCHEN, RIGHT	6/22/2017	0.117	0.149		P		P	None
44	S	COMMONS, 130	6/22/2017	0.085	0.034		P		P	None
45	S	LOADING DOCK, 135	6/22/2017	0.091	0.088		P		P	None
46	B	GYM, LEFT	6/22/2017	0.254	0.183		P		P	None
47	B	GYM, RIGHT	6/22/2017	0.262	0.195		P		P	None

Table 5. Iron Test Results

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	ROOM 188								
02	S	ROOM 188C								
03	S	ROOM 188C								
04	S/B	ROOM 173								
05	S/B	ROOM 175	6/22/2017			0.091	P		P	None
06	S/B	ROOM 177								
07	S/B	ROOM 176								
08	S/B	ROOM 172								
09	S	ROOM 100S								
10	S	ROOM 100M WORKROOM								
11	S/B	ROOM 161	6/22/2017			<0.05	P		P	None
12	S/B	ROOM 163								
13	S/B	ROOM 165								
14	S/B	ROOM 166								
15	S/B	ROOM 162								
16	S/B	ROOM 153	6/22/2017			<0.05	P		P	None
17	S/B	ROOM 155								
18	S/B	ROOM 157								
19	S/B	ROOM 156								
20	S/B	ROOM 152								
21	S/B	ROOM 253	6/22/2017			<0.05	P		P	None
22	S/B	ROOM 255								
23	S/B	ROOM 257								
24	S/B	ROOM 256								
25	S/B	ROOM 252								
26	S/B	ROOM 275	6/22/2017			0.07	P		P	None
27	S/B	ROOM 277								
28	S/B	ROOM 276								
29	S/B	ROOM 272								
30	S/B	ROOM 261								
31	S/B	ROOM 263	6/22/2017			0.056	P		P	None
32	S/B	ROOM 265								
33	S/B	ROOM 266								
34	S/B	ROOM 264								
35	S	ROOM 121								
36	S	ROOM 110A	6/22/2017			<0.05	P		P	None
37	S	ROOM 112B COT ROOM								
38	S	ROOM 112E STAFF LOUNGE								
39	B	CAFETERIA, LEFT								
40	B	CAFETERIA, RIGHT								
41	B	CAFETERIA, BOTTLE FILLER	6/22/2017			0.075	P		P	None
42	S	KITCHEN, LEFT								
43	S	KITCHEN, RIGHT								
44	S	COMMONS, 130								
45	S	LOADING DOCK, 135								
46	B	GYM, LEFT	6/22/2017			<0.05	P		P	None
47	B	GYM, RIGHT								

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	ROOM 135A	Arsenic	22-Jun-17	2 ppb	P
00	SE	ROOM 135A	Cadmium	22-Jun-17	1 ppb	P
00	SE	ROOM 135A	Copper	22-Jun-17	0.021 ppm	P
00	SE	ROOM 135A	Iron	22-Jun-17	0.13 ppm	P
00	SE	ROOM 135A	Lead	22-Jun-17	1 ppb	P
00	SE	ROOM 135A	Total Coliforms	22-Jun-17	<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.