

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Green Lake Elementary**

Updated September 25, 2019

General Information:

Plumbing piping materials: 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 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
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?
			Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Yes/No/Status
Fixture ID	Type	Location									
01	S/B	room 102, room 9, left	P	None	P	None	P	None	P	None	Yes
02	S/B	room 102, room 9, right	P	None	P	None	P	None	P	None	Yes
03	S/B	room 101, pod C1	P	None	P	None	P	None	P	None	Yes
04	S/B	room 101, pod C	P	None	P	None	P	None	P	None	Yes
05	S/B	room 101, pod C	P	None	P	None	P	None	P	None	Yes
06	S/B	room 101, pod C2	P	None	P	None	P	None	P	None	Yes
07	S/B	room 105, room 8, Therapy office	P	None	P	None	P	None	P	None	Yes
08	S/B	room 137, room 7	P	None	P	None	P	None	P	None	Yes
09	S/B	room 133, pod B1	P	None	P	None	P	None	P	None	Yes
10	S/B	room 133, pod B	P	None	P	None	P	None	P	None	Yes
11	S/B	room 133, pod B	P	None	P	None	P	None	P	None	Yes
12	S/B	room 133, pod B2	P	None	P	None	P	None	P	None	Yes
13	S/B	room 132, room 5	P	None	P	None	P	None	P	None	Yes
14	S/B	room 132, room 5	P	None	P	None	P	None	P	None	Yes
15	S/B	room 127, room 2, tutoring	P	None	P	None	P	None	P	None	Yes
16	B	room 123, Pod K1	P	None	P	None	P	None	P	None	Yes
17	S/B	room 122, room 1	P	None	P	None	P	None	P	None	Yes
18	B	room 123, Pod K2	P	None	P	None	P	None	P	None	Yes
19	S/B	room 118, room 3	P	None	P	None	P	None	P	None	Yes
20	S/B	room 115, pod A3	P	None	P	None	P	None	P	None	Yes
21	S/B	room 115, pod A2	P	None	P	None	F	DIS	P	None	Yes
22	S/B	room 115, pod A1	P	None	P	None	P	None	P	None	Yes
23	S	Teacher prep room B - Room 134	P	None	P	None	P	None	P	None	Yes
24	B	office	P	None	P	None	P	None	P	None	Yes
25	B	near gym, lower level	P	None	P	None	P	None	P	None	Yes
26	S/B	lower level, in art room	P	None	P	None	P	None	P	None	Yes
28	S	faculty lounge rm #112	P	None	P	None	P	None	P	None	Yes
34	S	Teacher prep room C - Room 103	P	None	P	None	P	None	P	None	Yes
35	S	room 116 - storage room, room 4	P	None	P	None	P	None			Yes
36	S	Teacher prep room A - Room 117	P	None	P	None	P	None	P	None	Yes
37	S	Teacher prep room - Room 124	P	None	P	None	P	None	P	None	Yes
38	S	office storage room	P	None	P	None	P	None	P	None	Yes
39	S	nurse's office	P	None	P	None	P	None	P	None	Yes
40	B	lunch room, left	P	None	P	None	P	None			Yes
41	B	lunch room, right	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	kitchen	P	None	P	None	P	None			Yes
45	S	kitchen, center island	P	None	P	None	P	None			Yes
46	S/B	stage	P	None	P	None	P	None			Yes
47	S/B	repurposed classroom	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			10/4/2011			11/26/2014			5/3/2016			8/24/2017			12/8/2017			8/28/2019			8/30/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1 st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S/B	room 102, room 9, left	<1	<1	P	<1	<1	P				7	<1	P										P	None
02	S/B	room 102, room 9, right	6	<1	P	9	<1	P				4	<1	P										P	None
03	S/B	room 101, pod C1	2	<1	P	4	<1	P				2	<1	P										P	None
04	S/B	room 101, pod C	3	<1	P	7	<1	P				4	<1	P										P	None
05	S/B	room 101, pod C	9	<1	P	13	<1		7	<1	P	11	<1					24	1		3	2	P	P	None
06	S/B	room 101, pod C2	1	<1	P	6	2	P				5	1	P										P	None
07	S/B	room 105, room 8, Therapy office	1	<1	P	7	<1	P				2	<1	P										P	None
08	S/B	room 137, room 7	<1	<1	P	1	<1	P				<1	1	P										P	None
09	S/B	room 133, pod B1	<1	<1	P	<1	<1	P				<1	<1	P										P	None
10	S/B	room 133, pod B	<1	<1	P	<1	<1	P				<1	<1	P										P	None
11	S/B	room 133, pod B	<1	<1	P	<1	<1	P				4	<1	P										P	None
12	S/B	room 133, pod B2	<1	<1	P	<1	<1	P				<1	<1	P										P	None
13	S/B	room 132, room 5	1	<1	P	2	<1	P				1	<1	P										P	None
14	S/B	room 132, room 5	<1	<1	P	<1	<1	P				<1	<1	P										P	None
15	S/B	room 127, room 2, tutoring	1	<1	P	<1	<1	P				<1	<1	P										P	None
16	B	room 123, Pod K1	4	<1	P	9	<1	P				6	<1	P										P	None
17	S/B	room 122, room 1	<1	<1	P	<1	<1	P				<1	<1	P										P	None
18	B	room 123, Pod K2	4	<1	P	4	1	P				3	<1	P										P	None
19	S/B	room 118, room 3	<1	<1	P	3	<1	P				4	3	P										P	None
20	S/B	room 115, pod A3	4	<1	P	10	<1	P				5	<1	P										P	None
21	S/B	room 115, pod A2	20	1		59	2					18	<1					7	1	P				P	None
22	S/B	room 115, pod A1	4	<1	P	7	<1	P				8	<1	P										P	None
23	S	Teacher prep room B - Room 134	2	2	P							<1	<1	P										P	None
24	B	office	<1	<1	P	<1	<1	P				<1	<1	P										P	None
25	B	near gym, lower level	<1	<1	P	<1	<1	P				<1	<1	P										P	None
26	S/B	lower level, in art room				2	<1	P				<1	<1	P										P	None
28	S	facilty lounge rm #112	<1	<1	P	<1	<1	P				<1	<1	P										P	None
34	S	Teacher prep room C - Room 103				<1	<1	P				<1	<1	P										P	None
35	S	room 116 - storage room, room 4				10	1	P				4	<1	P										P	None
36	S	Teacher prep room A - Room 117	<1	<1	P	<1	1	P				<1	<1	P										P	None
37	S	Teacher prep room - Room 124	2	<1	P	7	1	P				2	<1	P										P	None
38	S	office storage room	<1	<1	P	1	<1	P				<1	<1	P										P	None
39	S	nurse's office	1	<1	P	3	2	P				<1	<1	P										P	None
40	B	lunch room, left										<1	<1	P										P	None
41	B	lunch room, right										<1	<1	P										P	None
42	S	kitchen, left										<1	<1	P										P	None
43	S	kitchen, right										<1	<1	P										P	None
44	S	kitchen										<1	<1	P										P	None
45	S	kitchen, center island										<1	<1	P										P	None
46	S/B	stage										<1	<1	P										P	None
47	S/B	repurposed classroom													<1	<1	P							P	None

Table 3. Cadmium Test Results

Test Results (Cadmium/Cd, ppb)																										
FIXTURE INFORMATION			3/2/2007			3/13/2007			10/8/2008			10/4/2011			11/26/2014			8/24/2017			12/8/2017			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	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Pass/Fail	Status	
01	S/B	room 102, room 9, left							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
02	S/B	room 102, room 9, right	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
03	S/B	room 101, pod C1							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
04	S/B	room 101, pod C							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
05	S/B	room 101, pod C	1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	1	<1	P				P	None	
06	S/B	room 101, pod C2	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
07	S/B	room 105, room 8, Therapy office							<1	<1	P	<1	<1	P	<1	<1	P	2	<1	P				P	None	
08	S/B	room 137, room 7							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
09	S/B	room 133, pod B1							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
10	S/B	room 133, pod B							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
11	S/B	room 133, pod B							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
12	S/B	room 133, pod B2	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
13	S/B	room 132, room 5							1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
14	S/B	room 132, room 5	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
15	S/B	room 127, room 2, tutoring							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
16	B	room 123, Pod K1							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
17	S/B	room 122, room 1							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
18	B	room 123, Pod K2							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
19	S/B	room 118, room 3							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
20	S/B	room 115, pod A3							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
21	S/B	room 115, pod A2	<1	<1	P				2	<1	P	2	<1	P	9	<1		3	<1	P				P	None	
22	S/B	room 115, pod A1	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
23	S	Teacher prep room B - Room 134				<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P				P	None	
24	B	office							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
25	B	near gym, lower level							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
26	S/B	lower level, in art room							<1	<1	P				<1	<1	P	<1	<1	P				P	None	
28	S	faculty lounge rm #112							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
34	S	Teacher prep room C - Room 103				<1	<1	P	<1	<1	P				<1	<1	P	<1	<1	P				P	None	
35	S	room 116 - storage room, room 4													<1	<1	P	<1	<1	P				P	None	
36	S	Teacher prep room A - Room 117				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
37	S	Teacher prep room - Room 124				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
38	S	office storage room							<1	<1	P	<1	<1	P	<1	<1	P	3	<1	P				P	None	
39	S	nurse's office							<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P				P	None	
40	B	lunch room, left																<1	<1	P				P	None	
41	B	lunch room, right																<1	<1	P				P	None	
42	S	kitchen, left																<1	<1	P				P	None	
43	S	kitchen, right																<1	<1	P				P	None	
44	S	kitchen																<1	<1	P				P	None	
45	S	kitchen, center island																<1	<1	P				P	None	
46	S/B	stage																<1	<1	P				P	None	
47	S/B	repurposed classroom																				<1	<1	P	P	None

Table 4. Copper Test Results

Test Results (Copper/Cu, ppm)																									
FIXTURE INFORMATION			3/2/2007			3/13/2007			10/8/2008			10/4/2011			11/26/2014			8/24/2017			12/8/2017			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	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S/B	room 102, room 9, left							0.004	0.006	P	<0.002	<0.002	P	0.006	0.004	P	0.271	0.375	P				P	None
02	S/B	room 102, room 9, right	0.367	0.373	P				0.227	0.233	P	0.333	0.351	P	0.218	0.228	P	0.349	0.357	P				P	None
03	S/B	room 101, pod C1							0.306	0.287	P	0.35	0.364	P	0.251	0.26	P	0.374	0.343	P				P	None
04	S/B	room 101, pod C	0.554	0.395	P				0.36	0.352	P	0.408	0.396	P	0.407	0.358	P	0.334	0.31	P				P	None
05	S/B	room 101, pod C	0.472	0.388	P				0.337	0.374	P	0.346	0.386	P	0.215	0.232	P	0.371	0.34	P				P	None
06	S/B	room 101, pod C2	0.322	0.328	P				0.276	0.234	P	0.317	0.319	P	0.214	0.245	P	0.303	0.367	P				P	None
07	S/B	room 105, room 8, Therapy office							0.119	0.24	P	0.351	0.289	P	0.295	0.259	P	0.17	0.259	P				P	None
08	S/B	room 137, room 7							0.627	0.258	P	0.42	0.412	P	0.3	0.091	P	0.235	0.111	P				P	None
09	S/B	room 133, pod B1							0.438	0.51	P	0.347	0.346	P	0.224	0.23	P	0.39	0.458	P				P	None
10	S/B	room 133, pod B							0.552	0.258	P	0.375	0.362	P	0.287	0.291	P	0.382	0.364	P				P	None
11	S/B	room 133, pod B							<0.002	0.002	P	<0.002	<0.002	P	0.005	0.007	P	0.301	0.345	P				P	None
12	S/B	room 133, pod B2	0.489	0.411	P				0.257	0.236	P	0.333	0.304	P	0.307	0.306	P	0.346	0.43	P				P	None
13	S/B	room 132, room 5							0.813	0.149	P	0.367	0.316	P	0.257	0.254	P	0.295	0.28	P				P	None
14	S/B	room 132, room 5	0.345	0.114	P				0.176	0.047	P	0.273	0.099	P	0.26	0.086	P	0.102	0.067	P				P	None
15	S/B	room 127, room 2, tutoring							0.093	0.06	P	0.004	0.004	P	0.003	0.002	P	0.011	0.002	P				P	None
16	B	room 123, Pod K1							0.152	0.046	P	0.273	0.142	P	0.212	0.215	P	0.243	0.304	P				P	None
17	S/B	room 122, room 1							0.003	0.008	P	<0.002	<0.002	P	0.002	0.002	P	<0.002	<0.002	P				P	None
18	B	room 123, Pod K2							0.139	0.141	P	0.204	0.196	P	0.168	0.156	P	0.233	0.239	P				P	None
19	S/B	room 118, room 3							0.012	0.002	P	0.019	0.026	P	0.021	0.005	P	0.329	0.277	P				P	None
20	S/B	room 115, pod A3							0.222	0.231	P	0.321	0.369	P	0.304	0.331	P	0.27	0.244	P				P	None
21	S/B	room 115, pod A2	0.204	0.161	P				0.147	0.132	P	0.748	0.264	P	0.19	0.236	P	1.66	1.6					F	DIS
22	S/B	room 115, pod A1	2.32	0.626		0.75	0.092	P	0.332	0.217	P	0.233	0.19	P	0.164	0.196	P	0.089	0.13	P				P	None
23	S	Teacher prep room B - Room 134				0.386	0.328	P	0.559	0.257	P	0.288	0.395	P				0.137	0.258	P				P	None
24	B	office							0.472	0.235	P	0.438	0.368	P	0.408	0.369	P	0.309	0.301	P				P	None
25	B	near gym, lower level							<0.002	0.002	P	<0.002	<0.002	P	<0.002	<0.002	P	0.002	<0.002	P				P	None
26	S/B	lower level, in art room							0.148	0.109	P				0.186	0.241	P	0.222	0.252	P				P	None
28	S	faculty lounge rm #112							0.049	0.028	P	0.048	0.041	P	0.063	0.035	P	0.033	0.022	P				P	None
34	S	Teacher prep room C - Room 103				0.381	0.062	P	0.363	0.058	P				0.177	0.056	P	0.181	0.101	P				P	None
35	S	room 116 - storage room, room 4													0.31	0.504	P	0.16	0.382	P				P	None
36	S	Teacher prep room A - Room 117				0.453	0.242	P	0.263	0.158	P	0.269	0.182	P	0.229	0.196	P	0.211	0.244	P				P	None
37	S	Teacher prep room - Room 124				0.391	0.204	P	0.338	0.106	P	0.538	0.464	P	0.34	0.525	P	0.304	0.409	P				P	None
38	S	office storage room							0.442	0.143	P	0.428	0.405	P	0.42	0.442	P	0.294	0.326	P				P	None
39	S	nurse's office							0.3	0.17	P	0.374	0.367	P	0.202	0.133	P	0.331	0.339	P				P	None
40	B	lunch room, left																0.246	0.184	P				P	None
41	B	lunch room, right																0.253	0.188	P				P	None
42	S	kitchen, left																0.217	0.206	P				P	None
43	S	kitchen, right																0.186	0.163	P				P	None
44	S	kitchen																0.14	0.202	P				P	None
45	S	kitchen, center island																0.252	0.201	P				P	None
46	S/B	stage																0.426	0.46	P				P	None
47	S/B	repurposed classroom																			0.209	0.219	P	P	None

Table 5. Iron Test Results

Test Results (Iron/Fe, ppm)														
FIXTURE INFORMATION			3/13/2007		10/8/2008		10/4/2011		11/26/2014		8/24/2017		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
01	S/B	room 102, room 9, left											P	None
02	S/B	room 102, room 9, right	0.162	P	0.053	P							P	None
03	S/B	room 101, pod C1					<0.05	P					P	None
04	S/B	room 101, pod C			0.055	P			0.192	P			P	None
05	S/B	room 101, pod C	0.181	P									P	None
06	S/B	room 101, pod C2	0.162	P									P	None
07	S/B	room 105, room 8, Therapy office											P	None
08	S/B	room 137, room 7									<0.05	P	P	None
09	S/B	room 133, pod B1											P	None
10	S/B	room 133, pod B											P	None
11	S/B	room 133, pod B			<0.05	P	<0.05	P					P	None
12	S/B	room 133, pod B2	0.137	P					0.17	P			P	None
13	S/B	room 132, room 5											P	None
14	S/B	room 132, room 5	0.148	P									P	None
15	S/B	room 127, room 2, tutoring											P	None
16	B	room 123, Pod K1											P	None
17	S/B	room 122, room 1									<0.05	P	P	None
18	B	room 123, Pod K2			<0.05	P	<0.05	P					P	None
19	S/B	room 118, room 3							<0.05	P			P	None
20	S/B	room 115, pod A3											P	None
21	S/B	room 115, pod A2	0.134	P	0.051	P	<0.05	P					P	None
22	S/B	room 115, pod A1	0.146	P					0.158	P			P	None
23	S	Teacher prep room B - Room 134	0.129	P									P	None
24	B	office											P	None
25	B	near gym, lower level									<0.05	P	P	None
26	S/B	lower level, in art room											P	None
28	S	faculty lounge rm #112					0.052	P					P	None
34	S	Teacher prep room C - Room 103	0.177	P									P	None
35	S	room 116 - storage room, room 4												
36	S	Teacher prep room A - Room 117	0.201	P							<0.05	P	P	None
37	S	Teacher prep room - Room 124	0.148	P									P	None
38	S	office storage room			0.051	P							P	None
39	S	nurse's office											P	None
40	B	lunch room, left												
41	B	lunch room, right												
42	S	kitchen, left												
43	S	kitchen, right												
44	S	kitchen												
45	S	kitchen, center island												
46	S/B	stage												
47	S/B	repurposed classroom												

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	24-Aug-17	2 ppb	P
00	SE	boiler room	Cadmium	24-Aug-17	1 ppb	P
00	SE	boiler room	Copper	24-Aug-17	0.002 ppm	P
00	SE	boiler room	E coli	05-May-04	<1 Colonies	P
00	SE	boiler room	Iron	24-Aug-17	<0.05 ppm	P
00	SE	boiler room	Lead	24-Aug-17	1 ppb	P
00	SE	boiler room	Total Coliforms	08-Oct-08	<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.