

**Seattle Public Schools  
Drinking Water Quality Program**

**Results of Water Quality Testing  
for  
Laurelhurst Elementary**

Updated July 9<sup>th</sup>, 2020

**General Information:**

Plumbing piping materials: mainly galvanized steel

**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 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	upper hallway	P	None	P	None	P	None	P	None	Yes
02	B	cafeteria	P	None	P	None	P	None	P	None	Yes
03	B	room # 1	P	None	P	None	P	None	P	None	Yes
06	B	gym	P	None	P	None	P	None	P	None	Yes
08	B	hallway by boys lav - west, left	P	None	P	None	P	None	P	None	Yes
09	B	hall by Rm 7	P	None	P	None	P	None			Yes
13	B	girls play court - east, right	P	None	P	None	P	None	P	None	Yes
14	B	girls play court - east, middle	P	None	P	None	P	None	P	None	Yes
15	B	girls play court - east, left	P	None	P	None	P	None	P	None	Yes
16	B	boys play court - east, middle	P	None	P	None	P	None			Yes
18	B	boys play court - east, right	P	None	P	None	P	None	P	None	Yes
26	S	teachers lounge	P	None	P	None	P	None	P	None	Yes
27	S/B	2nd floor rm 12	P	None	P	None	P	None	P	None	Yes
28	S/B	2nd floor rm 19	P	None	P	None	P	None	P	None	Yes
30	S	room 6 kindergarten, SE by lavatory	P	None	P	None	P	None	P	None	Yes
31	S/B	room 7	P	None	P	None	P	None	P	None	Yes
32	S/B	room 8	P	None	P	None	P	None	P	None	Yes
36	S/B	1st floor room 9	P	None	P	None	P	None	P	None	Yes
37	S/B	room 13	P	None	P	None	P	None	P	None	Yes
39	S	Rm 6 southwest	P	None	P	None	P	None	P	None	Yes
40	S	kitchen, right	P	None	P	None	P	None			Yes
41	S	kitchen, left	P	None	P	None	P	None			Yes
43	B	bottle filler, cafeteria	P	None	P	None	P	None			Yes
44	S	Kitchen right	P	None	P	None	P	None	P	None	Yes
45	S	Kitchen, middle	P	None	P	None	P	None	P	None	Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			4/2/2010			8/18/2010			9/10/2010			8/20/2013			4/18/2017			5/14/2020			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	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Pass/Fail	Status
01	B	upper hallway	<1	<1	P	15	5		1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B	cafeteria	<1	<1	P	4	4	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
03	B	room # 1	<1	<1	P	3	6	P				1	<1	P	<1	<1	P	<1	<1	P	P	None
06	B	gym	<1	<1	P	1	1	P										<1	<1	P	P	None
08	B	hallway by boys lav - west, left	1	<1	P	3	1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	hall by Rm 7				2	1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
13	B	girls play court - east, right	<1	<1	P	3	2	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
14	B	girls play court - east, middle	<1	<1	P	5	2	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B	girls play court - east, left	<1	<1	P	11	4		<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
16	B	boys play court - east, middle	<1	<1	P	2	1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	B	boys play court - east, right	<1	<1	P	3	2	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
26	S	teachers lounge	2	<1	P	2	2	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
27	S/B	2nd floor rm 12	3	1	P	1	1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
28	S/B	2nd floor rm 19	<1	<1	P	<1	<1	P				2	<1	P	<1	<1	P	<1	<1	P	P	None
30	S	room 6 kindergarten, SE by lavatory	11	<1		3	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
31	S/B	room 7	2	2	P	2	1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
32	S/B	room 8	<1	2	P	<1	<1	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	S/B	1st floor room 9	1	<1	P	<1	2	P				<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	S/B	room 13	1	<1	P	2	<1	P				1	<1	P	<1	<1	P	<1	<1	P	P	None
39	S	Rm 6 southwest	3	<1	P	4	<1	P				1	<1	P	<1	<1	P	<1	<1	P	P	None
40	S	kitchen, right	<1	<1	P	11	2		2	<1	P	3	<1	P	<1	<1	P	<1	<1	P	P	None
41	S	kitchen, left	2	<1	P	10	4	P				7	<1	P	1	<1	P	<1	<1	P	P	None
43	B	bottle filler, cafeteria													<1	<1	P	<1	<1	P	P	None
44	S	Kitchen right	2	<1	P	11	1		5	<1	P	11	<1		<1	<1	P	<1	<1	P	P	None
45	S	Kitchen, middle	1	<1	P	6	2	P				6		P	<1	<1	P	<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			4/2/2010			8/18/2010			8/20/2013			4/18/2017			5/14/2020			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	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	B	upper hallway	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B	cafeteria	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
03	B	room # 1	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
06	B	gym	<1	<1	P	<1	<1	P							<1	<1	P	P	None
08	B	hallway by boys lav - west, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	hall by Rm 7				<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
13	B	girls play court - east, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
14	B	girls play court - east, middle	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B	girls play court - east, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
16	B	boys play court - east, middle	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	B	boys play court - east, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
26	S	teachers lounge	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
27	S/B	2nd floor rm 12	2	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
28	S/B	2nd floor rm 19	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
30	S	room 6 kindergarten, SE by lavatory	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
31	S/B	room 7	2	1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
32	S/B	room 8	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	S/B	1st floor room 9	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	S/B	room 13	4	1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
39	S	Rm 6 southwest	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
40	S	kitchen, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
41	S	kitchen, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
43	B	bottle filler, cafeteria										<1	<1	P	<1	<1	P	P	None
44	S	Kitchen right	<1	1	P	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
45	S	Kitchen, middle	3	<1	P	<1	<1	P	<1		P	<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			4/2/2010			8/18/2010			8/20/2013			4/18/2017			5/14/2020			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	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	B	upper hallway	<0.002	<0.002	P	0.333	0.269	P	0.224	0.244	P	0.251	0.254	P	0.367	0.368	P	P	None
02	B	cafeteria	0.004	<0.002	P	0.498	0.483	P	0.293	0.345	P	0.112	0.115	P	0.328	0.329	P	P	None
03	B	room # 1	<0.002	<0.002	P	0.325	0.312	P	0.225	0.255	P	0.285	0.27	P	0.288	0.279	P	P	None
06	B	gym	<0.002	<0.002	P	0.14	0.32	P							0.235	0.288	P	P	None
08	B	hallway by boys lav - west, left	0.008	0.002	P	0.277	0.227	P	0.254	0.175	P	0.251	0.177	P	0.299	0.209	P	P	None
09	B	hall by Rm 7				0.414	0.332	P	0.202	0.255	P	0.288	0.162	P	0.271	0.307	P	P	None
13	B	girls play court - east, right	0.002	<0.002	P	0.23	0.27	P	0.108	0.037	P	0.244	0.255	P	0.215	0.182	P	P	None
14	B	girls play court - east, middle	<0.002	<0.002	P	0.232	0.216	P	0.258	0.048	P	0.126	0.11	P	0.278	0.187	P	P	None
15	B	girls play court - east, left	0.004	<0.002	P	0.254	0.229	P	0.218	0.04	P	0.138	0.106	P	0.29	0.184	P	P	None
16	B	boys play court - east, middle	0.01	0.002	P	0.238	0.181	P	0.22	0.248	P	0.184	0.154	P	0.259	0.193	P	P	None
18	B	boys play court - east, right	0.004	<0.002	P	0.205	0.178	P	0.2	0.155	P	0.19	0.146	P	0.279	0.2	P	P	None
26	S	teachers lounge	0.007	0.003	P	0.114	0.251	P	0.152	0.137	P	0.184	0.169	P	0.253	0.197	P	P	None
27	S/B	2nd floor rm 12	0.006	0.003	P	0.238	0.149	P	0.168	0.265	P	0.168	0.283	P	0.231	0.265	P	P	None
28	S/B	2nd floor rm 19	0.011	0.002	P	0.196	0.207	P	0.184	0.221	P	0.219	0.232	P	0.288	0.276	P	P	None
30	S	room 6 kindergarten, SE by lavatory	0.004	0.002	P	0.173	0.223	P	0.161	0.146	P	0.197	0.161	P	0.28	0.219	P	P	None
31	S/B	room 7	0.005	0.002	P	0.461	0.379	P	0.181	0.254	P	0.24	0.265	P	0.304	0.321	P	P	None
32	S/B	room 8	0.006	0.003	P	0.176	0.258	P	0.198	0.219	P	0.178	0.212	P	0.22	0.258	P	P	None
36	S/B	1st floor room 9	0.004	0.003	P	0.194	0.145	P	0.161	0.186	P	0.166	0.183	P	0.216	0.201	P	P	None
37	S/B	room 13	0.003	<0.002	P	0.476	0.552	P	0.232	0.254	P	0.288	0.283	P	0.272	0.278	P	P	None
39	S	Rm 6 southwest	0.016	0.002	P	0.178	0.197	P	0.172	0.169	P	0.177	0.223	P	0.23	0.25	P	P	None
40	S	kitchen, right	0.144	0.007	P	0.158	0.228	P	0.155	0.178	P	0.176	0.149	P	0.158	0.237	P	P	None
41	S	kitchen, left	0.042	0.004	P	0.257	0.252	P	0.274	0.171	P	0.166	0.157	P	0.25	0.244	P	P	None
43	B	bottle filler, cafeteria										0.148	0.192	P	0.335	0.338	P	P	None
44	S	Kitchen right	0.22	0.009	P	0.243	0.281	P	0.173	0.177	P	0.107	0.179	P	0.185	0.249	P	P	None
45	S	Kitchen, middle	0.16	0.01	P	0.335	0.226	P	0.245		P	0.199	0.143	P	0.25	0.24	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			4/2/2010		8/18/2010		8/20/2013		4/18/2017		5/14/2020		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	B	upper hallway									<0.05	P	P	None
02	B	cafeteria	<0.05	P	<0.05	P							P	None
03	B	room # 1											P	None
06	B	gym	<0.05	P	<0.05	P							P	None
08	B	hallway by boys lav - west, left											P	None
09	B	hall by Rm 7												
13	B	girls play court - east, right					<0.05	P					P	None
14	B	girls play court - east, middle							<0.05	P			P	None
15	B	girls play court - east, left									<0.05	P	P	None
16	B	boys play court - east, middle												
18	B	boys play court - east, right					<0.05	P					P	None
26	S	teachers lounge											P	None
27	S/B	2nd floor rm 12											P	None
28	S/B	2nd floor rm 19	0.14	P	<0.05	P							P	None
30	S	room 6 kindergarten, SE by lavatory											P	None
31	S/B	room 7											P	None
32	S/B	room 8											P	None
36	S/B	1st floor room 9					<0.05	P					P	None
37	S/B	room 13	0.097	P	<0.05	P			<0.05	P			P	None
39	S	Rm 6 southwest									<0.05	P	P	None
40	S	kitchen, right												
41	S	kitchen, left												
43	B	bottle filler, cafeteria												
44	S	Kitchen right					<0.05	P					P	None
45	S	Kitchen, middle							<0.05	P			P	None

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	14-May-20	2 ppb	P
00	SE	boiler room	Cadmium	14-May-20	1 ppb	P
00	SE	boiler room	Chlorine	13-May-04	0.04 ppm	P
00	SE	boiler room	Copper	14-May-20	0.168 ppm	P
00	SE	boiler room	E coli	13-May-04	<1 Colonies	P
00	SE	boiler room	Iron	14-May-20	<0.05 ppm	P
00	SE	boiler room	Lead	14-May-20	1 ppb	P
00	SE	boiler room	Total Coliforms	18-Aug-10	<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.