

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Dearborn Park Elementary School**

Updated July 9, 2020

General Information:

Plumbing piping materials: mixed galvanized steel and 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: There is one source doesn't meet the policy criteria. A sign will be posted at Kitchen sink (#31).

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 or 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	S	nurse's office	P	None	P	None	P	None	P	None	Yes
02	S	office work room	P	None	P	None	P	None	P	None	Yes
03	S	faculty room	P	None	P	None	P	None	P	None	Yes
04	S	counselor office	P	None	P	None	P	None	P	None	Yes
05	B	library (resource center)	P	None	P	None	P	None	P	None	Yes
06	S/B	NW pod, kindergarten	P	None	P	None	P	None	P	None	Yes
07	S/B	NW pod, kindergarten	P	None	P	None	P	None	P	None	Yes
08	S/B	NE pod, Pod 3	P	None	P	None	P	None	P	None	Yes
09	S/B	NE pod, Pod 3	P	None	P	None	P	None	P	None	Yes
10	S/B	SE pod, Pod 4	P	None	P	None	P	None	P	None	Yes
11	S/B	SE pod, Pod 4	P	None	P	None	P	None	P	None	Yes
12	B	lower level exit	P	None	P	None	P	None	P	None	Yes
13	S/B	lower level NE pod, Pod 2	P	None	P	None	P	None	P	None	Yes
14	S/B	lower level NE pod, Pod 2	P	None	P	None	P	None	P	None	Yes
15	S	lower level N teacher prep	P	None	P	None	P	None	P	None	Yes
16	S/B	lower level SE pod, Pod 1	P	None	P	None	P	None	P	None	Yes
17	S/B	lower level SE pod, Pod 1	P	None	P	None	P	None	P	None	Yes
18	B	lunch room	P	None	P	None	P	None			Yes
19	BF	lunch room bottle filler	P	None	P	None	P	None			Yes
20	S	library storage	P	None	P	None	P	None			Yes
21	S	upper SE teacher prep	P	None	P	None	P	None			Yes
22	S	upper NE teacher prep	P	None	P	None	P	None			Yes
23	S	lower SE teacher prep	P	None	P	None	P	None	P	None	Yes
24	S	kindergarten teacher's room	P	None	P	None	P	None			Yes
25	S	room 202, 5th grade	P	None	P	None	P	None	P	None	Yes
26	S	room 203, 5th grade	P	None	P	None	P	None	P	None	Yes
27	S	room 131, 4&5th grade	P	None	P	None	P	None	P	None	Yes
28	S	room 130, special ed.	P	None	P	None	P	None	P	None	Yes
29	S	room 125, music room	P	None	P	None	P	None			Yes
30	S	kitchen sink	P	None	P	None	P	None			Yes
31	S	kitchen sink	F	PS	P	None	P	None	P	None	PS
32	S	kitchen sink	P	None	P	None	P	None	P	None	Yes
36	S	commons (lunch room)	P	None	P	None	P	None	P	None	Yes
90	S	SPP PRESCHOOL	P	None	P	None	P	None			Yes
91	S	SPP PRESCHOOL	P	None	P	None	P	None			Yes
92	S	SPP PRESCHOOL KITCHEN	P	None	P	None	P	None			Yes
93	S	SPP PRESCHOOL KITCHEN	P	None	P	None	P	None			Yes
94	S	SPP PRESCHOOL KITCHEN	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			2/11/2010			3/7/2013			9/1/2016			2/28/2018			8/29/2019			5/22/2020			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	S	nurse's office	1	<1	P	1	<1	P	1	<1	P							<1	2	P	P	None
02	S	office work room	1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
03	S	faculty room	1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
04	S	counselor office	3	1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
05	B	library (resource center)	1	1	P	1	1	P	<1	<1	P							<1	<1	P	P	None
06	S/B	NW pod, kindergarten	<1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
07	S/B	NW pod, kindergarten	<1	1	P	<1	<1	P	<1	<1	P							1	<1	P	P	None
08	S/B	NE pod, Pod 3	<1	<1	P	<1	<1	P	2	<1	P							1	<1	P	P	None
09	S/B	NE pod, Pod 3	1	<1	P	<1	<1	P	<1	<1	P							1	<1	P	P	None
10	S/B	SE pod, Pod 4	<1	<1	P	<1	<1	P	<1	<1	P							1	<1	P	P	None
11	S/B	SE pod, Pod 4	1	<1	P	<1	<1	P	<1	<1	P							2	<1	P	P	None
12	B	lower level exit	1	1	P	<1	<1	P	<1	<1	P							1	<1	P	P	None
13	S/B	lower level NE pod, Pod 2	<1	<1	P	<1	<1	P	<1	<1	P							2	<1	P	P	None
14	S/B	lower level NE pod, Pod 2	<1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
15	S	lower level N teacher prep	3	1	P	2	<1	P	<1	<1	P										P	None
16	S/B	lower level SE pod, Pod 1	<1	<1	P	<1	<1	P	<1	<1	P										P	None
17	S/B	lower level SE pod, Pod 1	<1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
18	B	lunch room	<1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
19	BF	lunch room bottle filler	1	<1	P	<1	<1	P	1	<1	P							1	<1	P	P	None
20	S	library storage	3	3	P	2	<1	P	1	<1	P							1	1	P	P	None
21	S	upper SE teacher prep	3	2	P	2	<1	P	1	<1	P							1	1	P	P	None
22	S	upper NE teacher prep	5	<1	P				<1	<1	P							<1	<1	P	P	None
23	S	lower SE teacher prep	3	1	P	2	<1	P	<1	<1	P							2	<1	P	P	None
24	S	kindergarten teacher's room	<1	1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
25	S	room 202, 5th grade	2	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
26	S	room 203, 5th grade	1	1	P	1	<1	P	2	<1	P							<1	<1	P	P	None
27	S	room 131, 4&5th grade	<1	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
28	S	room 130, special ed.	1	<1	P	<1	<1	P	<1	<1	P										P	None
29	S	room 125, music room	2	1	P	<1	<1	P	<1	<1	P							1	<1	P	P	None
30	S	kitchen sink	3	<1	P	1	<1	P	2	<1	P							2	<1	P	P	None
31	S	kitchen sink	3	2	P	8	<1	P	1	<1	P							15	<1		F	PS
32	S	kitchen sink	2	2	P	1	<1	P	28	2					<1	<1	P	<1	<1	P	P	None
36	S	commons (lunch room)	2	<1	P	<1	<1	P	<1	<1	P							<1	<1	P	P	None
90	S	SPP PRESCHOOL										<1	<1	P							P	None
91	S	SPP PRESCHOOL										2	<1	P							P	None
92	S	SPP PRESCHOOL KITCHEN										1	<1	P							P	None
93	S	SPP PRESCHOOL KITCHEN										<1	<1	P							P	None
94	S	SPP PRESCHOOL KITCHEN										4	<1	P							P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			2/11/2010			3/7/2013			9/1/2016			2/28/2018			5/22/2020			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	S	nurse's office	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
02	S	office work room	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
03	S	faculty room	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
04	S	counselor office	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
05	B	library (resource center)	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
06	S/B	NW pod, kindergarten	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
07	S/B	NW pod, kindergarten	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
08	S/B	NE pod, Pod 3	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
09	S/B	NE pod, Pod 3	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
10	S/B	SE pod, Pod 4	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
11	S/B	SE pod, Pod 4	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
12	B	lower level exit	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
13	S/B	lower level NE pod, Pod 2	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
14	S/B	lower level NE pod, Pod 2	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
15	S	lower level N teacher prep	<1	<1	P	<1	<1	P	<1	<1	P							P	None
16	S/B	lower level SE pod, Pod 1	<1	<1	P	<1	<1	P	<1	<1	P							P	None
17	S/B	lower level SE pod, Pod 1	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
18	B	lunch room	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
19	BF	lunch room bottle filler	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
20	S	library storage	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
21	S	upper SE teacher prep	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
22	S	upper NE teacher prep	<1	<1	P				<1	<1	P				<1	<1	P	P	None
23	S	lower SE teacher prep	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
24	S	kindergarten teacher's room	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
25	S	room 202, 5th grade	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
26	S	room 203, 5th grade	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
27	S	room 131, 4&5th grade	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
28	S	room 130, special ed.	<1	<1	P	<1	<1	P	<1	<1	P							P	None
29	S	room 125, music room	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
30	S	kitchen sink	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
31	S	kitchen sink	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
32	S	kitchen sink	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
36	S	commons (lunch room)	<1	<1	P	<1	<1	P	<1	<1	P				<1	<1	P	P	None
90	S	SPP PRESCHOOL										<1	<1	P				P	None
91	S	SPP PRESCHOOL										<1	<1	P				P	None
92	S	SPP PRESCHOOL KITCHEN										<1	<1	P				P	None
93	S	SPP PRESCHOOL KITCHEN										<1	<1	P				P	None
94	S	SPP PRESCHOOL KITCHEN										<1	<1	P				P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			2/11/2010			3/7/2013			9/1/2016			2/28/2018			5/22/2020			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	S	nurse's office	0.257	0.246	P	0.255	0.184	P	0.034	0.028	P				0.032	0.027	P	P	None
02	S	office work room	0.266	0.234	P	0.148	0.133	P	0.034	0.028	P				0.036	0.023	P	P	None
03	S	faculty room	0.221	0.279	P	0.222	0.307	P	0.035	0.032	P				0.049	0.038	P	P	None
04	S	counselor office	0.291	0.202	P	0.138	0.147	P	0.036	0.034	P				0.068	0.037	P	P	None
05	B	library (resource center)	0.23	0.162	P	0.238	0.131	P	0.022	0.018	P				0.041	0.02	P	P	None
06	S/B	NW pod, kindergarten	0.309	0.298	P	0.321	0.321	P	0.04	0.043	P				0.077	0.051	P	P	None
07	S/B	NW pod, kindergarten	0.293	0.224	P	0.308	0.302	P	0.03	0.03	P				0.067	0.061	P	P	None
08	S/B	NE pod, Pod 3	0.286	0.289	P	0.273	0.22	P	0.048	0.037	P				0.095	0.086	P	P	None
09	S/B	NE pod, Pod 3	0.342	0.365	P	0.308	0.302	P	0.05	0.043	P				0.214	0.149	P	P	None
10	S/B	SE pod, Pod 4	0.281	0.273	P	0.265	0.274	P	0.047	0.036	P				0.118	0.084	P	P	None
11	S/B	SE pod, Pod 4	0.297	0.285	P	0.271	0.27	P	0.042	0.031	P				0.121	0.06	P	P	None
12	B	lower level exit	0.166	0.164	P	0.203	0.16	P	0.019	0.015	P				0.083	0.062	P	P	None
13	S/B	lower level NE pod, Pod 2	0.277	0.215	P	0.261	0.291	P	0.041	0.032	P				0.095	0.054	P	P	None
14	S/B	lower level NE pod, Pod 2	0.262	0.159	P	0.31	0.301	P	0.047	0.042	P				0.12	0.104	P	P	None
15	S	lower level N teacher prep	0.266	0.194	P	0.335	0.367	P	0.057	0.021	P							P	None
16	S/B	lower level SE pod, Pod 1	0.263	0.267	P	0.266	0.272	P	0.033	0.03	P							P	None
17	S/B	lower level SE pod, Pod 1	0.278	0.279	P	0.267	0.274	P	0.026	0.028	P				0.088	0.054	P	P	None
18	B	lunch room	0.169	0.139	P	0.19	0.114	P	0.046	0.03	P				0.067	0.05	P	P	None
19	BF	lunch room bottle filler	0.177	0.136	P	0.146	0.108	P	0.041	0.025	P				0.049	0.026	P	P	None
20	S	library storage	0.197	0.198	P	0.199	0.195	P	0.03	0.025	P				0.063	0.058	P	P	None
21	S	upper SE teacher prep	0.214	0.212	P	0.23	0.214	P	0.034	0.032	P				0.078	0.096	P	P	None
22	S	upper NE teacher prep	0.27	0.293	P				0.037	0.031	P				0.093	0.132	P	P	None
23	S	lower SE teacher prep	0.21	0.195	P	0.233	0.195	P	0.022	0.023	P				0.093	0.085	P	P	None
24	S	kindergarten teacher's room	0.326	0.305	P	0.175	0.333	P	0.045	0.04	P				0.079	0.073	P	P	None
25	S	room 202, 5th grade	0.291	0.312	P	0.292	0.251	P	0.06	0.059	P				0.119	0.074	P	P	None
26	S	room 203, 5th grade	0.258	0.321	P	0.281	0.257	P	0.065	0.042	P				0.108	0.091	P	P	None
27	S	room 131, 4&5th grade	0.295	0.1	P	0.361	0.295	P	0.058	0.033	P				0.102	0.074	P	P	None
28	S	room 130, special ed.	0.307	0.303	P	0.305	0.282	P	0.074	0.051	P							P	None
29	S	room 125, music room	0.282	0.147	P	0.282	0.208	P	0.068	0.07	P				0.142	0.131	P	P	None
30	S	kitchen sink	0.226	0.06	P	0.15	0.148	P	0.052	0.055	P				0.066	0.022	P	P	None
31	S	kitchen sink	0.133	0.114	P	0.196	0.193	P	0.048	0.03	P				0.035	0.02	P	P	None
32	S	kitchen sink	0.119	0.114	P	0.165	0.145	P	0.045	0.03	P				0.023	0.019	P	P	None
36	S	commons (lunch room)	0.379	0.387	P	0.318	0.31	P	0.085	0.079	P				0.073	0.077	P	P	None
90	S	SPP PRESCHOOL										0.095	0.091	P				P	None
91	S	SPP PRESCHOOL										0.092	0.092	P				P	None
92	S	SPP PRESCHOOL KITCHEN										0.068	0.086	P				P	None
93	S	SPP PRESCHOOL KITCHEN										0.112	0.093	P				P	None
94	S	SPP PRESCHOOL KITCHEN										0.207	0.093	P				P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			2/11/2010		3/7/2013		9/1/2016		5/22/2020		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
01	S	nurse's office									P	None
02	S	office work room	<0.05	P							P	None
03	S	faculty room			<0.05	P					P	None
04	S	counselor office					<0.05	P			P	None
05	B	library (resource center)									P	None
06	S/B	NW pod, kindergarten									P	None
07	S/B	NW pod, kindergarten									P	None
08	S/B	NE pod, Pod 3	<0.05	P							P	None
09	S/B	NE pod, Pod 3			<0.05	P			0.065	P	P	None
10	S/B	SE pod, Pod 4					<0.05	P			P	None
11	S/B	SE pod, Pod 4									P	None
12	B	lower level exit									P	None
13	S/B	lower level NE pod, Pod 2	0.072	P							P	None
14	S/B	lower level NE pod, Pod 2			<0.05	P					P	None
15	S	lower level N teacher prep					<0.05	P			P	None
16	S/B	lower level SE pod, Pod 1									P	None
17	S/B	lower level SE pod, Pod 1							0.066	P	P	None
18	B	lunch room										
19	BF	lunch room bottle filler										
20	S	library storage										
21	S	upper SE teacher prep										
22	S	upper NE teacher prep										
23	S	lower SE teacher prep							0.069	P	P	None
24	S	kindergarten teacher's room										
25	S	room 202, 5th grade	0.06	P							P	None
26	S	room 203, 5th grade			<0.05	P					P	None
27	S	room 131, 4&5th grade					<0.05	P			P	None
28	S	room 130, special ed.									P	None
29	S	room 125, music room										
30	S	kitchen sink										
31	S	kitchen sink							<0.05	P	P	None
32	S	kitchen sink	<0.05	P							P	None
36	S	commons (lunch room)			<0.05	P					P	None
90	S	SPP PRESCHOOL										
91	S	SPP PRESCHOOL										
92	S	SPP PRESCHOOL KITCHEN										
93	S	SPP PRESCHOOL KITCHEN										
94	S	SPP PRESCHOOL KITCHEN										

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	sink in boiler room	Arsenic	22-May-20	2 ppb	P
00	SE	sink in boiler room	Cadmium	22-May-20	1 ppb	P
00	SE	sink in boiler room	Chlorine	02-Apr-04	0.3 ppm	P
00	SE	sink in boiler room	Copper	22-May-20	0.131 ppm	P
00	SE	sink in boiler room	E coli	02-Apr-04	<1 Colonies	P
00	SE	sink in boiler room	Iron	22-May-20	<0.05 ppm	P
00	SE	sink in boiler room	Lead	22-May-20	1 ppb	P
00	SE	sink in boiler room	Total Coliforms	11-Feb-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.