

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
John Stanford International School**

Updated August 8, 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.

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 results meet the policy criteria.

Follow-up monitoring: Will be performed in school year 2021-2022.

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/S	teachers work room / room 319	P	None	P	None	P	None	P	None	Yes
02	B/S	room 321, kitchen	P	None	P	None	P	None	P	None	Yes
03	B/S	nurse / room 313	P	None	P	None	P	None	P	None	Yes
04	B/S	room 306/308	P	None	P	None	P	None	P	None	Yes
05	B/S	music room, left	P	None	P	None	P	None	P	None	Yes
06	B/S	music room, middle	P	None	P	None	P	None	P	None	Yes
07	B/S	music room, right	P	None	P	None	P	None	P	None	Yes
09	B	3rd floor lavs (east), left	P	None	P	None	P	None	P	None	Yes
10	B	3rd floor lavs, right	P	None	P	None	P	None	P	None	Yes
11	B/S	room 328	P	None	P	None	P	None	P	None	Yes
12	B/S	room 332	P	None	P	None	P	None	P	None	Yes
13	B/S	library work room, 329A	P	None	P	None	P	None	P	None	Yes
14	B	4th floor hall, right	P	None	P	None	P	None	P	None	Yes
15	B	4th floor hall, left	P	None	P	None	P	None	P	None	Yes
16	B/S	room 406	P	None	P	None	P	None	P	None	Yes
17	B/S	room 404	P	None	P	None	P	None	P	None	Yes
18	B/S	room 402	P	None	P	None	P	None	P	None	Yes
19	B/S	room 403	P	None	P	None	P	None	P	None	Yes
20	B	hall (north)	P	None	P	None	P	None	P	None	Yes
21	B	hall (south)	P	None	P	None	P	None	P	None	Yes
22	S	kitchen, NE sink, room 105	P	None	P	None	P	None	P	None	Yes
23	B	gym (south), left	P	None	P	None	P	None	P	None	Yes
24	B	gym (north), right	P	None	P	None	P	None	P	None	Yes
29	B/S	room 202	P	None	P	None	P	None	P	None	Yes
30	B/S	room 203	P	None	P	None	P	None	P	None	Yes
31	B	room 205	P	None	P	None	P	None	P	None	Yes
32	B/S	room 206	P	None	P	None	P	None	P	None	Yes
33	B	2nd floor hall, left	P	None	P	None	P	None	P	None	Yes
34	B	2nd floor hall, right	P	None	P	None	P	None	P	None	Yes
35	B/S	room 211	P	None	P	None	P	None	P	None	Yes
36	B/S	room 212	P	None	P	None	P	None	P	None	Yes
37	B/S	room 214	P	None	P	None	P	None	P	None	Yes
38	B/S	room 213	P	None	P	None	P	None	P	None	Yes
39	B/S	room 215	P	None	P	None	P	None	P	None	Yes
40	B/S	room 216	P	None	P	None	P	None	P	None	Yes
41	B/S	room 219, green house	P	None	P	None	P	None	P	None	Yes
42	B/S	room 405	P	None	P	None	P	None	P	None	Yes
49	S	Kitchen, NW sink W faucet, left	P	None	P	None	P	None	P	None	Yes
50	S	Kitchen NW sink E faucet, right	P	None	P	None	P	None	P	None	Yes
51	S	room 330	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			7/22/2009			11/7/2012			4/14/2016			5/25/2019			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	Pass/Fail	Status
01	B/S	teachers work room / room 319	3	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B/S	room 321, kitchen	2	2	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
03	B/S	nurse / room 313	3	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
04	B/S	room 306/308	3	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
05	B/S	music room, left	2	1	P	1	<1	P				1	<1	P	P	None
06	B/S	music room, middle	2	<1	P	4	<1	P	1	<1	P	<1	<1	P	P	None
07	B/S	music room, right	2	1	P	1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	3rd floor lavs (east), left	1	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
10	B	3rd floor lavs, right	1	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
11	B/S	room 328	4	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
12	B/S	room 332	1	1	P				<1	<1	P	<1	<1	P	P	None
13	B/S	library work room, 329A	1	<1	P	<1	<1	P	1	<1	P	<1	<1	P	P	None
14	B	4th floor hall, right				<1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B	4th floor hall, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
16	B/S	room 406	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
17	B/S	room 404	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	B/S	room 402	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
19	B/S	room 403	2	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
20	B	hall (north)	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
21	B	hall (south)	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
22	S	kitchen, NE sink, room 105	1	<1	P	1	<1	P	<1	<1	P	<1	<1	P	P	None
23	B	gym (south), left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
24	B	gym (north), right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
29	B/S	room 202	2	2	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
30	B/S	room 203	2	2	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
31	B	room 205	2	2	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
32	B/S	room 206	1	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
33	B	2nd floor hall, left	2	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
34	B	2nd floor hall, right	2	1	P	<1	<1	P	<1	<1	P				P	None
35	B/S	room 211	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	B/S	room 212	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	B/S	room 214	2	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
38	B/S	room 213	1	<1	P	1	<1	P	1	<1	P	<1	<1	P	P	None
39	B/S	room 215	1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
40	B/S	room 216	<1	<1	P	<1	<1	P	2	<1	P				P	None
41	B/S	room 219, green house	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
42	B/S	room 405	2	1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
49	S	Kitchen, NW sink W faucet, left	10	1	P	3	<1	P	4	<1	P	7	<1	P	P	None
50	S	Kitchen NW sink E faucet, right	2	<1	P	7	<1	P	3	1	P	5	<1	P	P	None
51	S	room 330							<1	<1	P	<1	<1	P	P	None

Table 3. Cadmium Test Results

FIXTURE INFORMATION			7/22/2009			11/7/2012			4/14/2016			5/25/2019			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	Pass/Fail	Status
01	B/S	teachers work room / room 319	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
02	B/S	room 321, kitchen	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
03	B/S	nurse / room 313	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
04	B/S	room 306/308	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
05	B/S	music room, left	<1	<1	P	<1	<1	P				<1	<1	P	P	None
06	B/S	music room, middle	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
07	B/S	music room, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
09	B	3rd floor lavs (east), left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
10	B	3rd floor lavs, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
11	B/S	room 328	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
12	B/S	room 332	<1	<1	P				<1	<1	P	<1	<1	P	P	None
13	B/S	library work room, 329A	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
14	B	4th floor hall, right				<1	<1	P	<1	<1	P	<1	<1	P	P	None
15	B	4th floor hall, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
16	B/S	room 406	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
17	B/S	room 404	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
18	B/S	room 402	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
19	B/S	room 403	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
20	B	hall (north)	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
21	B	hall (south)	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
22	S	kitchen, NE sink, room 105	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
23	B	gym (south), left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
24	B	gym (north), right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
29	B/S	room 202	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
30	B/S	room 203	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
31	B	room 205	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
32	B/S	room 206	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
33	B	2nd floor hall, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
34	B	2nd floor hall, right	<1	<1	P	<1	<1	P	<1	<1	P				P	None
35	B/S	room 211	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
36	B/S	room 212	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
37	B/S	room 214	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
38	B/S	room 213	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
39	B/S	room 215	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
40	B/S	room 216	<1	<1	P	<1	<1	P	<1	<1	P				P	None
41	B/S	room 219, green house	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
42	B/S	room 405	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
49	S	Kitchen, NW sink W faucet, left	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
50	S	Kitchen NW sink E faucet, right	<1	<1	P	<1	<1	P	<1	<1	P	<1	<1	P	P	None
51	S	room 330							<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

FIXTURE INFORMATION			7/22/2009			11/7/2012			4/14/2016			5/25/2019			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	Pass/Fail	Status
01	B/S	teachers work room / room 319	0.291	0.24	P	0.131	0.128	P	0.12	0.115	P	0.116	0.087	P	P	None
02	B/S	room 321, kitchen	0.286	0.285	P	0.116	0.113	P	0.105	0.094	P	0.095	0.083	P	P	None
03	B/S	nurse / room 313	0.229	0.271	P	0.108	0.105	P	0.118	0.11	P	0.11	0.087	P	P	None
04	B/S	room 306/308	0.226	0.257	P	0.229	0.311	P	0.156	0.228	P	0.248	0.304	P	P	None
05	B/S	music room, left	0.412	0.54	P	0.291	0.381	P				0.148	0.175	P	P	None
06	B/S	music room, middle	0.482	0.525	P	0.3	0.312	P	0.164	0.163	P	0.164	0.169	P	P	None
07	B/S	music room, right	0.397	0.351	P	0.332	0.379	P	0.18	0.166	P	0.277	0.142	P	P	None
09	B	3rd floor lavs (east), left	0.334	0.206	P	0.17	0.149	P	0.097	0.114	P	0.097	0.091	P	P	None
10	B	3rd floor lavs, right	0.42	0.291	P	0.154	0.154	P	0.11	0.109	P	0.095	0.066	P	P	None
11	B/S	room 328	0.434	0.407	P	0.17	0.163	P	0.13	0.117	P	0.116	0.118	P	P	None
12	B/S	room 332	0.478	0.641	P				0.169	0.178	P	0.171	0.17	P	P	None
13	B/S	library work room, 329A	0.546	0.095	P	0.263	0.203	P	0.204	0.248	P	0.209	0.25	P	P	None
14	B	4th floor hall, right				0.097	0.067	P	0.061	0.036	P	0.11	0.04	P	P	None
15	B	4th floor hall, left	0.337	0.067	P	0.158	0.068	P	0.131	0.106	P	0.092	0.03	P	P	None
16	B/S	room 406	0.289	0.136	P	0.136	0.153	P	0.106	0.079	P	0.102	0.105	P	P	None
17	B/S	room 404	0.013	0.002	P	0.15	0.153	P	0.122	0.124	P	0.107	0.105	P	P	None
18	B/S	room 402	0.28	0.291	P	0.127	0.133	P	0.111	0.103	P	0.089	0.059	P	P	None
19	B/S	room 403	0.264	0.237	P	0.108	0.116	P	0.099	0.105	P	0.086	0.081	P	P	None
20	B	hall (north)	0.204	0.099	P	0.132	0.137	P	0.123	0.079	P	0.072	0.039	P	P	None
21	B	hall (south)	0.197	0.029	P	0.139	0.048	P	0.156	0.116	P	0.082	0.055	P	P	None
22	S	kitchen, NE sink, room 105	0.717	0.034	P	0.251	0.282	P	0.273	0.168	P	0.156	0.235	P	P	None
23	B	gym (south), left	0.537	0.341	P	0.25	0.209	P	0.206	0.178	P	0.158	0.139	P	P	None
24	B	gym (north), right	0.521	0.389	P	0.26	0.215	P	0.213	0.191	P	0.168	0.148	P	P	None
29	B/S	room 202	0.321	0.374	P	0.16	0.184	P	0.154	0.162	P	0.131	0.135	P	P	None
30	B/S	room 203	0.248	0.247	P	0.146	0.158	P	0.172	0.131	P	0.104	0.103	P	P	None
31	B	room 205	0.378	0.329	P	0.2	0.176	P	0.142	0.146	P	0.124	0.093	P	P	None
32	B/S	room 206	0.334	0.377	P	0.253	0.32	P	0.203	0.222	P	0.181	0.187	P	P	None
33	B	2nd floor hall, left	0.226	0.237	P	0.169	0.125	P	0.143	0.134	P	0.115	0.113	P	P	None
34	B	2nd floor hall, right	0.236	0.214	P	0.162	0.166	P	0.13	0.13	P				P	None
35	B/S	room 211	0.364	0.401	P	0.171	0.206	P	0.153	0.189	P	0.108	0.138	P	P	None
36	B/S	room 212	0.289	0.37	P	0.174	0.185	P	0.166	0.165	P	0.115	0.117	P	P	None
37	B/S	room 214	0.446	0.45	P	0.229	0.231	P	0.121	0.114	P	0.166	0.134	P	P	None
38	B/S	room 213	0.376	0.486	P	0.225	0.266	P	0.198	0.252	P	0.195	0.162	P	P	None
39	B/S	room 215	0.327	0.099	P	0.261	0.266	P	0.221	0.214	P	0.207	0.205	P	P	None
40	B/S	room 216	0.467	0.415	P	0.244	0.295	P	0.252	0.273	P				P	None
41	B/S	room 219, green house	0.113	0.119	P	0.302	0.294	P	0.312	0.253	P	0.172	0.161	P	P	None
42	B/S	room 405	0.394	0.413	P	0.157	0.158	P	0.123	0.13	P	0.096	0.088	P	P	None
49	S	Kitchen, NW sink W faucet, left	0.35	0.075	P	0.182	0.12	P	0.194	0.116	P	0.243	0.068	P	P	None
50	S	Kitchen NW sink E faucet, right	0.355	0.044	P	0.154	0.097	P	0.175	0.103	P	0.18	0.077	P	P	None
51	S	room 330							0.132	0.207	P	0.084	0.154	P	P	None

Table 5. Iron Test Results

FIXTURE INFORMATION			7/22/2009		11/7/2012		4/14/2016		5/25/2019		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	B/S	teachers work room / room 319									P	None
02	B/S	room 321, kitchen									P	None
03	B/S	nurse / room 313									P	None
04	B/S	room 306/308	0.051	P							P	None
05	B/S	music room, left			<0.05	P					P	None
06	B/S	music room, middle					<0.05	P	<0.05	P	P	None
07	B/S	music room, right									P	None
09	B	3rd floor lavs (east), left									P	None
10	B	3rd floor lavs, right									P	None
11	B/S	room 328									P	None
12	B/S	room 332									P	None
13	B/S	library work room, 329A	<0.05	P							P	None
14	B	4th floor hall, right									P	None
15	B	4th floor hall, left			<0.05	P			<0.05	P	P	None
16	B/S	room 406					<0.05	P			P	None
17	B/S	room 404									P	None
18	B/S	room 402									P	None
19	B/S	room 403	<0.05	P							P	None
20	B	hall (north)	<0.05	P							P	None
21	B	hall (south)			<0.05	P					P	None
22	S	kitchen, NE sink, room 105			<0.05	P					P	None
23	B	gym (south), left	<0.05	P			0.067	P	<0.05	P	P	None
24	B	gym (north), right			<0.05	P					P	None
29	B/S	room 202	0.096	P							P	None
30	B/S	room 203			<0.05	P					P	None
31	B	room 205					0.113	P			P	None
32	B/S	room 206									P	None
33	B	2nd floor hall, left							<0.05	P	P	None
34	B	2nd floor hall, right									P	None
35	B/S	room 211									P	None
36	B/S	room 212									P	None
37	B/S	room 214									P	None
38	B/S	room 213									P	None
39	B/S	room 215							<0.05	P	P	None
40	B/S	room 216									P	None
41	B/S	room 219, green house	<0.05	P							P	None
42	B/S	room 405			<0.05	P					P	None
49	S	Kitchen, NW sink W faucet, left					<0.05	P			P	None
50	S	Kitchen NW sink E faucet, right									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	drinking fountain by custodian office	Arsenic	14-Apr-16	2 ppb	P
00	SE	drinking fountain by custodian office	Cadmium	25-May-19	1 ppb	P
00	SE	drinking fountain by custodian office	Chlorine	14-May-04	0.5 ppm	P
00	SE	drinking fountain by custodian office	Copper	25-May-19	0.012 ppm	P
00	SE	drinking fountain by custodian office	Iron	25-May-19	<0.05 ppm	P
00	SE	drinking fountain by custodian office	Lead	25-May-19	1 ppb	P
00	SE	drinking fountain by custodian office	Total Coliforms	22-Jul-09	<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.