

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
Ingraham High School**

Updated: September 2, 2019

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: This school has two sources that do not meet the policy criteria. A sign will be posted at kitchen – south (#36), and kitchen Kettle (#34) will be disabled.

Bottled water will be removed from school.

Follow-up monitoring: Will be performed in 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	music hall	P	None	P	None	P	None	P	None	Yes
02	B	N. main hall, by 100	P	None	P	None	P	None	P	None	Yes
03	B	N. main hall, by 105	P	None	P	None	P	None	P	None	Yes
04	B	N. main hall, by 111	P	None	P	None	P	None	P	None	Yes
05	B	W. main hall, by 113	P	None	P	None	P	None	P	None	Yes
06	B	S. main hall, by 121	P	None	P	None	P	None	P	None	Yes
07	B	S. main hall, by 124	P	None	P	None	P	None	P	None	Yes
08	B	S. main hall, by nurse office	P	None	P	None	P	None	P	None	Yes
09A	B	S. main hall, by lunchroom, left	P	None	P	None	P	None	P	None	Yes
09B	B	S. main hall, by lunchroom, middle	P	None	P	None	P	None	P	None	Yes
10	B	S. main hall, by lunchroom, right	P	None	P	None	P	None	P	None	Yes
100	S	CLASSROOM 172	P	None	P	None	P	None			Yes
101	S	CLASSROOM 174	P	None	P	None	P	None			Yes
102	S	CLASSROOM 176	P	None	P	None	P	None	P	None	Yes
103	S	CLASSROOM 178	P	None	P	None	P	None			Yes
104	S	CLASSROOM 180	P	None	P	None	P	None			Yes
105	S	CLASSROOM 182	P	None	P	None	P	None			Yes
106	S	MAKER SPACE, LEFT	P	None	P	None	P	None			Yes
107	S	MAKER SPACE, RIGHT	P	None	P	None	P	None			Yes
108	BF	S. main hall, by nurse office, bottle filler	P	None	P	None	P	None			Yes
109	UNK	Location description pending	P	None	P	None	P	None			Yes
11	B	gym hall, by girl's restroom, left	P	None	P	None	P	None	P	None	Yes
12	B	gym hall, by girls restroom, right	P	None	P	None	P	None	P	None	Yes
13	B	gym east, upper girls ent,	P	None	P	None	P	None	P	None	Yes
14	B	gym girls locker	P	None	P	None	P	None	P	None	Yes
16	B	gym west, boy's locker	P	None	P	None	P	None	P	None	Yes
17	B	gym west, boy's locker	P	None	P	None	P	None	P	None	Yes
18	B	gym west, upper boy ent	P	None	P	None	P	None	P	None	Yes
19	B	hall, 200 building, west hallway	P	None	P	None	P	None	P	None	Yes
20	B	hall, 200 building, middle hallway,	P	None	P	None	P	None	P	None	Yes
27	B	office area	P	None	P	None	P	None	P	None	Yes
28	B	lobby hallway, music area	P	None	P	None	P	None	P	None	Yes
29	B	lobby hallway	P	None	P	None	P	None	P	None	Yes
30	B	lobby hallway	P	None	P	None	P	None	P	None	Yes
31	B	hallway, music	P	None	P	None	P	None	P	None	Yes
33	S	kitchen - north, left	P	None	P	None	P	None	P	None	Yes
34	S	kitchen - kettle	F	DIS	P	None	P	None	P	None	DIS
35	S	kitchen - east, north, left	P	None	P	None	P	None	P	None	Yes
36	S	kitchen - south	F	PS	P	None	P	None	P	None	PS
37	B	staff lunch room	P	None	P	None	P	None	P	None	Yes
38	S	nurse's office	P	None	P	None	P	None	P	None	Yes
39	S	nurse's exam room	P	None	P	None	P	None	P	None	Yes
40	S	staff work room, main office	P	None	P	None	P	None	P	None	Yes
41	S	staff lounge, 100 building	P	None	P	None	P	None	P	None	Yes
42	B	hall - new, east hall, right	P	None	P	None	P	None	P	None	Yes

43	B	hall - new, east hall, left	P	None	P	None	P	None	P	None	Yes
46	S	Library work room, room 126	P	None	P	None	P	None	P	None	Yes
47	S	2nd in pair of #33 NE tap set, right	P	None	P	None	P	None			Yes
48	S	2/3 from #35, middle sink	P	None	P	None	P	None			Yes
49	S	3/3 from #35, southernmost sink, right	P	None	P	None	P	None	P	None	Yes
50	S	room 105	P	None	P	None	P	None			Yes
51	S	RM 302, left	P	None	P	None	P	None			Yes
56	B	Field kiosk - east side (north),	P	None	P	None	P	None			Yes
57	B	Field kiosk - east side (south),	P	None	P	None	P	None			Yes
58	B	Field kiosk - west side (north),	P	None	P	None	P	None			Yes
59	S	room 114, south	P	None	P	None	P	None			Yes
61	S	room 114 north east	P	None	P	None	P	None	P	None	Yes
62	S	room 114 north	P	None	P	None	P	None			Yes
63	S	room 114 north	P	None	P	None	P	None			Yes
64	S	room 114 north	P	None	P	None	P	None			Yes
65	S	room 114 north	P	None	P	None	P	None			Yes
66	S	room 114 north west	P	None	P	None	P	None			Yes
67	S	room 116	P	None	P	None	P	None			Yes
68	S	room 118	P	None	P	None	P	None			Yes
69	B	Field kiosk - west side (south),	P	None	P	None	P	None	P	None	Yes
70	S	room 305, staff use kitchen	P	None	P	None	P	None			Yes
71	B	hallway, left, first floor	P	None	P	None	P	None	P	None	Yes
72	B	hallway, right, first floor	P	None	P	None	P	None			Yes
73	S	classroom, room 45	P	None	P	None	P	None			Yes
74	S	classroom, room 44	P	None	P	None	P	None			Yes
75	S	classroom, room 43	P	None	P	None	P	None			Yes
76	S	classroom, room 145	P	None	P	None	P	None			Yes
77	S	classroom, room 144	P	None	P	None	P	None	P	None	Yes
78	S	classroom, room 143	P	None	P	None	P	None	P	None	Yes
80	S	CLASSROOM 064	P	None	P	None	P	None			Yes
81	S	CLASSROOM 066	P	None	P	None	P	None			Yes
82	S	CLASSROOM 068	P	None	P	None	P	None			Yes
83	S	CLASSROOM 070	P	None	P	None	P	None			Yes
84	B	LEVEL ONE DRINKING FOUNTAIN - LEFT	P	None	P	None	P	None			Yes
85	B	LEVEL ONE DRINKING FOUNTAIN - RIGHT	P	None	P	None	P	None			Yes
86	BF	LEVEL ONE BOTTLE FILLER	P	None	P	None	P	None			Yes
87	S	CLASSROOM 072	P	None	P	None	P	None			Yes
88	S	STAFF LOUNGE 071	P	None	P	None	P	None	P	None	Yes
89	S	CLASSROOM 074	P	None	P	None	P	None			Yes
90	S	CLASSROOM 076	P	None	P	None	P	None			Yes
91	S	CLASSROOM 078	P	None	P	None	P	None			Yes
92	S	CLASSROOM 164	P	None	P	None	P	None			Yes
93	S	CLASSROOM 166	P	None	P	None	P	None			Yes
94	S	CLASSROOM 168	P	None	P	None	P	None	P	None	Yes
95	S	CLASSROOM 170	P	None	P	None	P	None			Yes
96	B	LEVEL 2 DRINKING FOUNTAIN - LEFT	P	None	P	None	P	None			Yes
97	B	LEVEL 2 DRINKING FOUNTAIN - RIGHT	P	None	P	None	P	None			Yes
98	BF	LEVEL 2 BOTTLE FILLER	P	None	P	None	P	None			Yes
99	S	STAFF LOUNGE 171	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			12/21/2011			1/12/2012			4/5/2012			7/16/2014			12/2/2015		12/14/2015		10/25/2016			8/27/2019			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	Flush 2m	Pass /Fail	Flush 2m	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Pass/Fail	Status
01	B	music hall	<1	<1	P							<1	<1	P								<1	<1	P	P	None
02	B	N. main hall, by 100	<1	<1	P							<1	<1	P								<1	<1	P	P	None
03	B	N. main hall, by 105	<1	<1	P							<1	<1	P								<1	<1	P	P	None
04	B	N. main hall, by 111	<1	<1	P							<1	<1	P								<1	<1	P	P	None
05	B	W. main hall, by 113	<1	<1	P							<1	<1	P								<1	<1	P	P	None
06	B	S. main hall, by 121										<1	<1	P								<1	<1	P	P	None
07	B	S. main hall, by 124	<1	<1	P							<1	<1	P								<1	<1	P	P	None
08	B	S. main hall, by nurse office	<1	<1	P							<1	<1	P								<1	<1	P	P	None
09A	B	S. main hall, by lunchroom, left	<1	<1	P							<1	<1	P								<1	<1	P	P	None
09B	B	S. main hall, by lunchroom, middle	<1	<1	P							<1	<1	P								<1	<1	P	P	None
10	B	S. main hall, by lunchroom, right	<1	<1	P							<1	<1	P								<1	<1	P	P	None
100	S	CLASSROOM 172																				<1	<1	P	P	None
101	S	CLASSROOM 174																				<1	<1	P	P	None
102	S	CLASSROOM 176																				<1	<1	P	P	None
103	S	CLASSROOM 178																				<1	<1	P	P	None
104	S	CLASSROOM 180																				<1	<1	P	P	None
105	S	CLASSROOM 182																				<1	<1	P	P	None
106	S	MAKER SPACE, LEFT																				<1	<1	P	P	None
107	S	MAKER SPACE, RIGHT																				<1	<1	P	P	None
108	BF	S. main hall, by nurse office, bottle filler																				<1	<1	P	P	None
109	UNK	Location description pending																				<1	<1	P	P	None
11	B	gym hall, by girl's restroom, left	<1	<1	P							<1	<1	P											P	None
12	B	gym hall, by girls restroom, right	<1	<1	P							<1	<1	P								<1	<1	P	P	None
13	B	gym east, upper girls ent,																				<1	<1	P	P	None
14	B	gym girls locker																							P	None
16	B	gym west, boy's locker																				<1	<1	P	P	None
17	B	gym west, boy's locker																				<1	<1	P	P	None
18	B	gym west, upper boy ent																				<1	<1	P	P	None
19	B	hall, 200 building, west hallway	<1	<1	P							<1	<1	P								<1	<1	P	P	None
20	B	hall, 200 building, middle hallway,	<1	<1	P							<1	<1	P								<1	<1	P	P	None
27	B	office area	<1	<1	P							<1	<1	P								<1	<1	P	P	None
28	B	lobby hallway, music area	<1	<1	P							<1	<1	P								<1	<1	P	P	None
29	B	lobby hallway	<1	<1	P							<1	<1	P								<1	<1	P	P	None
30	B	lobby hallway	<1	<1	P							<1	<1	P								1	<1	P	P	None
31	B	hallway, music	<1	<1	P							<1	<1	P								<1	<1	P	P	None
33	S	kitchen - north, left	<1	<1	P							3	<1	P								3	<1	P	P	None
34	S	kitchen - kettle	5	<1	P							<1	<1	P								19	<1		F	DIS
35	S	kitchen - east, north, left	<1	<1	P							7	<1	P								7	<1	P	P	None
36	S	kitchen - south	<1	<1	P							<1	<1	P								24	1		F	PS
37	B	staff lunch room	4	1	P							2	<1	P								3	<1	P	P	None
38	S	nurse's office	2	<1	P							5	<1	P								3	<1	P	P	None
39	S	nurse's exam room	2	<1	P							7	<1	P								<1	<1	P	P	None
40	S	staff work room, main office	<1	<1	P							<1	<1	P								<1	<1	P	P	None
41	S	staff lounge, 100 building	8	<1	P							5	<1	P								4	<1	P	P	None
42	B	hall - new, east hall, right	<1	<1	P							<1	<1	P								1	2	P	P	None
43	B	hall - new, east hall, left	<1	<1	P							<1	<1	P								2	2	P	P	None
46	S	Library work room, room 126	2	<1	P							3	<1	P								3	1	P	P	None

47	S	2nd in pair of #33 NE tap set, right	2	<1	P						3	<1	P							3	<1	P	P	None							
48	S	2/3 from #35, middle sink	2	<1	P						3	<1	P							4	<1	P	P	None							
49	S	3/3 from #35, southernmost sink, right	4	<1	P						4	<1	P							3	<1	P	P	None							
50	S	room 105	3	<1	P						<1	<1	P							<1	<1	P	P	None							
51	S	RM 302, left																						P	None						
56	B	Field kiosk - east side (north),									<1	<1	P							<1	<1	P	P	None							
57	B	Field kiosk - east side (south),									<1	<1	P							<1	<1	P	P	None							
58	B	Field kiosk - west side (north),									<1	<1	P							<1	<1	P	P	None							
59	S	room 114, south	94	12							7	<1	P							8	<1	P	P	None							
61	S	room 114 north east	8	<1	P						11	<1								<1	<1	P	P	None							
62	S	room 114 north	12	2							7	<1	P							2	<1	P	P	None							
63	S	room 114 north	22	<1							3	<1	P							<1	<1	P	P	None							
64	S	room 114 north	1	<1	P						2	<1	P							1	<1	P	P	None							
65	S	room 114 north	4	<1	P						1	<1	P							2	<1	P	P	None							
66	S	room 114 north west	31	1							6	<1	P											P	None						
67	S	room 116	3	<1	P						6	<1	P							2	<1	P	P	None							
68	S	room 118	5	<1	P						14	1								2	<1	P	P	None							
69	B	Field kiosk - west side (south),									<1	<1	P							<1	<1	P	P	None							
70	S	room 305, staff use kitchen	2	1	P						2	<1	P							3	<1	P	P	None							
71	B	hallway, left, first floor				2	2	P			<1	<1	P							<1	<1	P	P	None							
72	B	hallway, right, first floor				1	1	P			2	1	P							<1	<1	P	P	None							
73	S	classroom, room 45				14	<1		7	<1	P	3	1	P						1	<1	P	P	None							
74	S	classroom, room 44				8	<1	P			1	<1	P							1	<1	P	P	None							
75	S	classroom, room 43				7	4	P			1	<1	P							<1	<1	P	P	None							
76	S	classroom, room 145				8	1	P			1	<1	P							1	<1	P	P	None							
77	S	classroom, room 144				4	<1	P			1	<1	P							<1	<1	P	P	None							
78	S	classroom, room 143				6	1	P			1	<1	P							2	<1	P	P	None							
80	S	CLASSROOM 064																		<1	<1	P	P	None							
81	S	CLASSROOM 066																		1	<1	P	P	None							
82	S	CLASSROOM 068																		<1	<1	P	P	None							
83	S	CLASSROOM 070																		<1	<1	P	P	None							
84	B	LEVEL ONE DRINKING FOUNTAIN - LEFT																		<1	<1	P	P	None							
85	B	LEVEL ONE DRINKING FOUNTAIN - RIGHT																		<1	<1	P	P	None							
86	BF	LEVEL ONE BOTTLE FILLER																		<1	<1	P	P	None							
87	S	CLASSROOM 072																		<1	<1	P	P	None							
88	S	STAFF LOUNGE 071									18									3	P						<1	<1	P	P	None
89	S	CLASSROOM 074																		<1	<1	P	P	None							
90	S	CLASSROOM 076																		<1	<1	P	P	None							
91	S	CLASSROOM 078																		<1	<1	P	P	None							
92	S	CLASSROOM 164																		<1	<1	P	P	None							
93	S	CLASSROOM 166																		<1	<1	P	P	None							
94	S	CLASSROOM 168																		<1	<1	P	P	None							
95	S	CLASSROOM 170																		<1	<1	P	P	None							
96	B	LEVEL 2 DRINKING FOUNTAIN - LEFT																		<1	<1	P	P	None							
97	B	LEVEL 2 DRINKING FOUNTAIN - RIGHT																		<1	<1	P	P	None							
98	BF	LEVEL 2 BOTTLE FILLER																		<1	<1	P	P	None							
99	S	STAFF LOUNGE 171																		<1	<1	P	P	None							

Table 3. Cadmium Test Results

FIXTURE INFORMATION			12/21/2011			1/12/2012			7/16/2014			12/2/2015		12/14/2015		10/25/2016			8/27/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Flush 2m	Pass /Fail	Flush 2m	Pass /Fail	1st Draw	Flush 30s	Pass/ Fail	1st Draw	Flush 30s	Pass /Fail	Pass/Fail	Status
01	B	music hall	<1	<1	P				<1	<1	P								<1	<1	P	P	None
02	B	N. main hall, by 100	<1	<1	P				<1	<1	P								<1	<1	P	P	None
03	B	N. main hall, by 105	<1	<1	P				<1	<1	P								<1	<1	P	P	None
04	B	N. main hall, by 111	<1	<1	P				<1		P								<1	<1	P	P	None
05	B	W. main hall, by 113	<1	<1	P				<1	<1	P								<1	<1	P	P	None
06	B	S. main hall, by 121							<1	<1	P								<1	<1	P	P	None
07	B	S. main hall, by 124	<1	<1	P				<1	<1	P								<1	<1	P	P	None
08	B	S. main hall, by nurse office	<1	<1	P				<1	<1	P								<1	<1	P	P	None
09A	B	S. main hall, by lunchroom, left	<1	<1	P				<1	<1	P								<1	<1	P	P	None
09B	B	S. main hall, by lunchroom, middle	<1	<1	P				<1	<1	P								<1	<1	P	P	None
10	B	S. main hall, by lunchroom, right	<1	<1	P				<1	<1	P								<1	<1	P	P	None
100	S	CLASSROOM 172																	<1	<1	P	P	None
101	S	CLASSROOM 174																	<1	<1	P	P	None
102	S	CLASSROOM 176																	<1	<1	P	P	None
103	S	CLASSROOM 178																	<1	<1	P	P	None
104	S	CLASSROOM 180																	<1	<1	P	P	None
105	S	CLASSROOM 182																	<1	<1	P	P	None
106	S	MAKER SPACE, LEFT																	<1	<1	P	P	None
107	S	MAKER SPACE, RIGHT																	<1	<1	P	P	None
108	BF	S. main hall, by nurse office, bottle filler																	<1	<1	P	P	None
109	UNK	Location description pending																	<1	<1	P	P	None
11	B	gym hall, by girl's restroom, left	<1	<1	P				<1	<1	P											P	None
12	B	gym hall, by girls restroom, right	<1	<1	P				<1	<1	P								<1	<1	P	P	None
13	B	gym east, upper girls ent,																	<1	<1	P	P	None
14	B	gym girls locker																				P	None
16	B	gym west, boy's locker																	<1	<1	P	P	None
17	B	gym west, boy's locker																	<1	<1	P	P	None
18	B	gym west, upper boy ent																	<1	<1	P	P	None
19	B	hall, 200 building, west hallway	<1	<1	P				<1	<1	P								<1	<1	P	P	None
20	B	hall, 200 building, middle hallway,	<1	<1	P				<1	<1	P								<1	<1	P	P	None
27	B	office area	<1	<1	P				<1	<1	P								<1	<1	P	P	None
28	B	lobby hallway, music area	<1	<1	P				<1	<1	P								<1	<1	P	P	None
29	B	lobby hallway	<1	<1	P				<1	<1	P								<1	<1	P	P	None
30	B	lobby hallway	<1	<1	P				<1	<1	P								<1	<1	P	P	None
31	B	hallway, music	<1	<1	P				<1	<1	P								<1	<1	P	P	None
33	S	kitchen - north, left	<1	<1	P				<1	<1	P								<1	<1	P	P	None
34	S	kitchen - kettle	1	<1	P				<1	<1	P								2	<1	P	P	None
35	S	kitchen - east, north, left	<1	<1	P				<1	<1	P								<1	<1	P	P	None
36	S	kitchen - south	<1	<1	P				<1	<1	P								<1	<1	P	P	None
37	B	staff lunch room	<1	<1	P				<1	<1	P								<1	<1	P	P	None
38	S	nurse's office	<1	<1	P				<1	<1	P								<1	<1	P	P	None
39	S	nurse's exam room	<1	<1	P				<1	<1	P								<1	<1	P	P	None
40	S	staff work room, main office	<1	<1	P				<1	<1	P								<1	<1	P	P	None
41	S	staff lounge, 100 building	<1	<1	P				<1	<1	P								<1	<1	P	P	None
42	B	hall - new, east hall, right	<1	<1	P				<1	<1	P								<1	<1	P	P	None
43	B	hall - new, east hall, left	<1	<1	P				<1	<1	P								<1	<1	P	P	None
46	S	Library work room, room 126	<1	<1	P				<1	<1	P								<1	<1	P	P	None

47	S	2nd in pair of #33 NE tap set, right	<1	<1	P				<1	<1	P							<1	<1	P	P	None		
48	S	2/3 from #35, middle sink	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
49	S	3/3 from #35, southernmost sink, right	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
50	S	room 105	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
51	S	RM 302, left																					P	None
56	B	Field kiosk - east side (north),							<1	<1	P								<1	<1	P	P	None	
57	B	Field kiosk - east side (south),							<1	<1	P								<1	<1	P	P	None	
58	B	Field kiosk - west side (north),							<1	<1	P								<1	<1	P	P	None	
59	S	room 114, south	4	<1	P				<1	<1	P								<1	<1	P	P	None	
61	S	room 114 north east	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
62	S	room 114 north	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
63	S	room 114 north	1	<1	P				<1	<1	P								<1	<1	P	P	None	
64	S	room 114 north	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
65	S	room 114 north	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
66	S	room 114 north west	1	<1	P				<1	<1	P												P	None
67	S	room 116	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
68	S	room 118	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
69	B	Field kiosk - west side (south),							<1	<1	P								<1	<1	P	P	None	
70	S	room 305, staff use kitchen	<1	<1	P				<1	<1	P								<1	<1	P	P	None	
71	B	hallway, left, first floor				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
72	B	hallway, right, first floor				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
73	S	classroom, room 45				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
74	S	classroom, room 44				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
75	S	classroom, room 43				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
76	S	classroom, room 145				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
77	S	classroom, room 144				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
78	S	classroom, room 143				<1	<1	P	<1	<1	P								<1	<1	P	P	None	
80	S	CLASSROOM 064																	<1	<1	P	P	None	
81	S	CLASSROOM 066																	<1	<1	P	P	None	
82	S	CLASSROOM 068																	<1	<1	P	P	None	
83	S	CLASSROOM 070																	<1	<1	P	P	None	
84	B	LEVEL ONE DRINKING FOUNTAIN - LEFT																	<1	<1	P	P	None	
85	B	LEVEL ONE DRINKING FOUNTAIN - RIGHT																	<1	<1	P	P	None	
86	BF	LEVEL ONE BOTTLE FILLER																	<1	<1	P	P	None	
87	S	CLASSROOM 072																	<1	<1	P	P	None	
88	S	STAFF LOUNGE 071							<1	P	<1	P							<1	<1	P	P	None	
89	S	CLASSROOM 074														<1	<1	P	<1	<1	P	P	None	
90	S	CLASSROOM 076													<1	<1	P	<1	<1	P	P	None		
91	S	CLASSROOM 078																	<1	<1	P	P	None	
92	S	CLASSROOM 164																	<1	<1	P	P	None	
93	S	CLASSROOM 166																	<1	<1	P	P	None	
94	S	CLASSROOM 168																	<1	<1	P	P	None	
95	S	CLASSROOM 170																	<1	<1	P	P	None	
96	B	LEVEL 2 DRINKING FOUNTAIN - LEFT																	<1	<1	P	P	None	
97	B	LEVEL 2 DRINKING FOUNTAIN - RIGHT																	<1	<1	P	P	None	
98	BF	LEVEL 2 BOTTLE FILLER																	<1	<1	P	P	None	
99	S	STAFF LOUNGE 171																	<1	<1	P	P	None	

Table 4. Copper Test Results

FIXTURE INFORMATION			12/21/2011			1/12/2012			7/16/2014			12/2/2015		12/14/2015		10/25/2016			8/27/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Flush 2m	Pass /Fail	Flush 2m	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Pass/Fail	Status
01	B	music hall	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
02	B	N. main hall, by 100	0.226	0.211	P				0.202	0.215	P								0.14	0.09	P	P	None
03	B	N. main hall, by 105	0.005	<0.002	P				0.005	<0.002	P								0.008	0.004	P	P	None
04	B	N. main hall, by 111	0.004	<0.002	P				<0.002		P								0.002	<0.002	P	P	None
05	B	W. main hall, by 113	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
06	B	S. main hall, by 121							0.005	<0.002	P								0.002	<0.002	P	P	None
07	B	S. main hall, by 124	0.004	<0.002	P				0.011	<0.002	P								0.033	0.003	P	P	None
08	B	S. main hall, by nurse office	0.052	0.042	P				0.032	0.033	P								0.042	0.037	P	P	None
09A	B	S. main hall, by lunchroom, left	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
09B	B	S. main hall, by lunchroom, middle	0.002	<0.002	P				0.006	<0.002	P								0.007	<0.002	P	P	None
10	B	S. main hall, by lunchroom, right	<0.002	<0.002	P				0.006	<0.002	P								0.002	<0.002	P	P	None
100	S	CLASSROOM 172																	0.151	0.137	P	P	None
101	S	CLASSROOM 174																	0.129	0.116	P	P	None
102	S	CLASSROOM 176																	0.281	0.14	P	P	None
103	S	CLASSROOM 178																	0.123	0.166	P	P	None
104	S	CLASSROOM 180																	0.159	0.194	P	P	None
105	S	CLASSROOM 182																	0.131	0.157	P	P	None
106	S	MAKER SPACE, LEFT																	0.088	0.15	P	P	None
107	S	MAKER SPACE, RIGHT																	0.132	0.156	P	P	None
108	BF	S. main hall, by nurse office, bottle filler																	0.025	0.024	P	P	None
109	UNK	Location description pending																	0.034	0.015	P	P	None
11	B	gym hall, by girl's restroom, left	0.004	<0.002	P				0.003	<0.002	P											P	None
12	B	gym hall, by girls restroom, right	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
13	B	gym east, upper girls ent,																	0.006	0.003	P	P	None
14	B	gym girls locker																				P	None
16	B	gym west, boy's locker																	0.003	<0.002	P	P	None
17	B	gym west, boy's locker																	<0.002	<0.002	P	P	None
18	B	gym west, upper boy ent																	0.009	0.007	P	P	None
19	B	hall, 200 building, west hallway	0.005	<0.002	P				0.003	<0.002	P								0.002	<0.002	P	P	None
20	B	hall, 200 building, middle hallway,	0.118	0.121	P				0.208	0.175	P								0.228	0.222	P	P	None
27	B	office area	0.002	<0.002	P				<0.002	<0.002	P								0.003	<0.002	P	P	None
28	B	lobby hallway, music area	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
29	B	lobby hallway	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
30	B	lobby hallway	0.003	<0.002	P				0.009	<0.002	P								0.011	<0.002	P	P	None
31	B	hallway, music	<0.002	<0.002	P				<0.002	<0.002	P								<0.002	<0.002	P	P	None
33	S	kitchen - north, left	0.012	0.002	P				0.042	0.003	P								0.035	0.015	P	P	None
34	S	kitchen - kettle	0.038	0.004	P				0.009	0.003	P								0.629	0.032	P	P	None
35	S	kitchen - east, north, left	0.01	<0.002	P				0.051	<0.002	P								0.149	0.071	P	P	None
36	S	kitchen - south	0.039	0.002	P				0.026	<0.002	P								0.028	0.006	P	P	None
37	B	staff lunch room	0.067	0.015	P				0.068	<0.002	P								0.073	0.016	P	P	None
38	S	nurse's office	0.013	<0.002	P				0.029	0.003	P								0.01	0.004	P	P	None
39	S	nurse's exam room	0.182	0.014	P				0.145	0.008	P								0.024	0.025	P	P	None
40	S	staff work room, main office	0.016	0.005	P				0.034	0.01	P								0.02	0.016	P	P	None
41	S	staff lounge, 100 building	0.117	0.017	P				0.06	0.071	P								0.066	0.027	P	P	None
42	B	hall - new, east hall, right	0.176	0.16	P				0.344	0.308	P								0.478	0.467	P	P	None
43	B	hall - new, east hall, left	0.24	0.282	P				0.297	0.357	P								0.535	0.486	P	P	None

46	S	Library work room, room 126	0.296	0.215	P				0.169	0.232	P						1.1	0.316	P	P	None		
47	S	2nd in pair of #33 NE tap set, right	0.019	<0.002	P				0.022	0.002	P						0.028	0.012	P	P	None		
48	S	2/3 from #35, middle sink	0.021	0.003	P				0.077	0.005	P						0.102	0.032	P	P	None		
49	S	3/3 from #35, southernmost sink, right	0.061	0.007	P				0.093	0.006	P						0.178	0.028	P	P	None		
50	S	room 105	0.12	0.083	P				0.139	0.158	P						0.019	0.016	P	P	None		
51	S	RM 302, left																		P	None		
56	B	Field kiosk - east side (north),							0.052	0.05	P						0.027	0.022	P	P	None		
57	B	Field kiosk - east side (south),							0.08	0.048	P						0.042	0.022	P	P	None		
58	B	Field kiosk - west side (north),							0.063	0.053	P						0.041	0.025	P	P	None		
59	S	room 114, south	1.86	0.223					0.112	0.003	P						0.242	0.25	P	P	None		
61	S	room 114 north east	0.153	0.06	P				0.203	0.021	P						0.242	0.305	P	P	None		
62	S	room 114 north	0.152	0.092	P				0.146	0.01	P						0.32	0.296	P	P	None		
63	S	room 114 north	0.169	0.014	P				0.074	0.006	P						0.199	0.246	P	P	None		
64	S	room 114 north	0.018	0.008	P				0.083	0.003	P						0.169	0.187	P	P	None		
65	S	room 114 north	0.036	0.012	P				0.046	0.003	P						0.433	0.188	P	P	None		
66	S	room 114 north west	0.308	0.023	P				0.085	0.003	P									P	None		
67	S	room 116	0.105	0.004	P				0.094	0.019	P						0.16	0.232	P	P	None		
68	S	room 118	0.104	0.01	P				0.111	0.248	P						0.167	0.239	P	P	None		
69	B	Field kiosk - west side (south),							0.076	0.072	P						0.038	0.02	P	P	None		
70	S	room 305, staff use kitchen	0.083	0.077	P				0.178	0.235	P						0.37	0.086	P	P	None		
71	B	hallway, left, first floor				0.064	0.055	P	0.15	0.151	P						0.182	0.176	P	P	None		
72	B	hallway, right, first floor				0.046	0.05	P	0.159	0.112	P						0.247	0.177	P	P	None		
73	S	classroom, room 45				0.078	0.081	P	0.188	0.251	P						0.161	0.151	P	P	None		
74	S	classroom, room 44				0.128	0.054	P	0.203	0.183	P						0.216	0.265	P	P	None		
75	S	classroom, room 43				0.126	0.143	P	0.233	0.18	P						0.222	0.255	P	P	None		
76	S	classroom, room 145				0.117	0.05	P	0.141	0.179	P						0.153	0.218	P	P	None		
77	S	classroom, room 144				0.114	0.079	P	0.197	0.21	P						0.183	0.215	P	P	None		
78	S	classroom, room 143				0.104	0.057	P	0.185	0.165	P						0.167	0.252	P	P	None		
80	S	CLASSROOM 064															0.278	0.248	P	P	None		
81	S	CLASSROOM 066															0.257	0.214	P	P	None		
82	S	CLASSROOM 068															0.32	0.174	P	P	None		
83	S	CLASSROOM 070															0.231	0.212	P	P	None		
84	B	LEVEL ONE DRINKING FOUNTAIN - LEFT															0.198	0.149	P	P	None		
85	B	LEVEL ONE DRINKING FOUNTAIN - RIGHT															0.205	0.163	P	P	None		
86	BF	LEVEL ONE BOTTLE FILLER															0.175	0.146	P	P	None		
87	S	CLASSROOM 072															0.221	0.198	P	P	None		
88	S	STAFF LOUNGE 071										0.053	P	0.011	P			0.288	0.166	P	P	None	
89	S	CLASSROOM 074													0.034	0.003	P		0.277	0.171	P	P	None
90	S	CLASSROOM 076													0.02	0.003	P		0.231	0.166	P	P	None
91	S	CLASSROOM 078															0.219	0.219	P	P	None		
92	S	CLASSROOM 164															0.29	0.227	P	P	None		
93	S	CLASSROOM 166															0.142	0.166	P	P	None		
94	S	CLASSROOM 168															0.12	0.159	P	P	None		
95	S	CLASSROOM 170															0.185	0.179	P	P	None		
96	B	LEVEL 2 DRINKING FOUNTAIN - LEFT															0.233	0.133	P	P	None		
97	B	LEVEL 2 DRINKING FOUNTAIN - RIGHT															0.119	0.124	P	P	None		
98	BF	LEVEL 2 BOTTLE FILLER															0.163	0.117	P	P	None		
99	S	STAFF LOUNGE 171															0.149	0.283	P	P	None		

Table 5. Iron Test Results

FIXTURE INFORMATION			12/21/2011		1/12/2012		7/16/2014		12/2/2015		12/14/2015		8/27/2019		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	Flush 2m	Pass/Fail	Pass/Fail	Status
01	B	music hall													P	None
02	B	N. main hall, by 100													P	None
03	B	N. main hall, by 105	<0.05	P			<0.05	P							P	None
04	B	N. main hall, by 111													P	None
05	B	W. main hall, by 113	<0.05	P											P	None
06	B	S. main hall, by 121											<0.05	P	P	None
07	B	S. main hall, by 124													P	None
08	B	S. main hall, by nurse office													P	None
09A	B	S. main hall, by lunchroom, left	<0.05	P											P	None
09B	B	S. main hall, by lunchroom, middle					<0.05	P							P	None
10	B	S. main hall, by lunchroom, right													P	None
100	S	CLASSROOM 172														
101	S	CLASSROOM 174														
102	S	CLASSROOM 176											<0.05	P	P	None
103	S	CLASSROOM 178														
104	S	CLASSROOM 180														
105	S	CLASSROOM 182														
106	S	MAKER SPACE, LEFT														
107	S	MAKER SPACE, RIGHT														
108	BF	S. main hall, by nurse office, bottle filler														
109	UNK	Location description pending														
11	B	gym hall, by girl's restroom, left	<0.05	P											P	None
12	B	gym hall, by girls restroom, right													P	None
13	B	gym east, upper girls ent,													P	None
14	B	gym girls locker													P	None
16	B	gym west, boy's locker											<0.05	P	P	None
17	B	gym west, boy's locker													P	None
18	B	gym west, upper boy ent													P	None
19	B	hall, 200 building, west hallway													P	None
20	B	hall, 200 building, middle hallway,	0.057	P											P	None
27	B	office area	<0.05	P											P	None
28	B	lobby hallway, music area													P	None
29	B	lobby hallway					<0.05	P							P	None
30	B	lobby hallway											<0.05	P	P	None
31	B	hallway, music	<0.05	P											P	None
33	S	kitchen - north, left													P	None
34	S	kitchen - kettle					<0.05	P							P	None
35	S	kitchen - east, north, left													P	None
36	S	kitchen - south													P	None
37	B	staff lunch room													P	None
38	S	nurse's office													P	None
39	S	nurse's exam room													P	None
40	S	staff work room, main office											<0.05	P	P	None
41	S	staff lounge, 100 building													P	None
42	B	hall - new, east hall, right	0.068	P											P	None
43	B	hall - new, east hall, left													P	None
46	S	Library work room, room 126					<0.05	P							P	None
47	S	2nd in pair of #33 NE tap set, right														

48	S	2/3 from #35, middle sink																	
49	S	3/3 from #35, southernmost sink, right											<0.05	P	P			None	
50	S	room 105																	
51	S	RM 302, left																	
56	B	Field kiosk - east side (north),																	
57	B	Field kiosk - east side (south),																	
58	B	Field kiosk - west side (north),																	
59	S	room 114, south																	
61	S	room 114 north east											0.072	P	P			None	
62	S	room 114 north																	
63	S	room 114 north																	
64	S	room 114 north																	
65	S	room 114 north																	
66	S	room 114 north west																	
67	S	room 116																	
68	S	room 118																	
69	B	Field kiosk - west side (south),											<0.05	P	P			None	
70	S	room 305, staff use kitchen																	
71	B	hallway, left, first floor				0.17	P											P	None
72	B	hallway, right, first floor																	
73	S	classroom, room 45																	
74	S	classroom, room 44																	
75	S	classroom, room 43																	
76	S	classroom, room 145																	
77	S	classroom, room 144						<0.05	P									P	None
78	S	classroom, room 143				0.095	P						<0.05	P	P			None	
80	S	CLASSROOM 064																	
81	S	CLASSROOM 066																	
82	S	CLASSROOM 068																	
83	S	CLASSROOM 070																	
84	B	LEVEL ONE DRINKING FOUNTAIN - LEFT																	
85	B	LEVEL ONE DRINKING FOUNTAIN - RIGHT																	
86	BF	LEVEL ONE BOTTLE FILLER																	
87	S	CLASSROOM 072																	
88	S	STAFF LOUNGE 071										0.263	P	0.294	P			P	None
89	S	CLASSROOM 074																	
90	S	CLASSROOM 076																	
91	S	CLASSROOM 078																	
92	S	CLASSROOM 164																	
93	S	CLASSROOM 166																	
94	S	CLASSROOM 168																	
95	S	CLASSROOM 170																	
96	B	LEVEL 2 DRINKING FOUNTAIN - LEFT																	
97	B	LEVEL 2 DRINKING FOUNTAIN - RIGHT																	
98	BF	LEVEL 2 BOTTLE FILLER																	
99	S	STAFF LOUNGE 171																	

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	27-Aug-19	2 ppb	P
00	SE	boiler room	Cadmium	27-Aug-19	1 ppb	P
00	SE	boiler room	Chlorine	06-May-04	0.65 ppm	P
00	SE	boiler room	Copper	27-Aug-19	0.113 ppm	P
00	SE	boiler room	E coli	06-May-04	<1 Colonies	P
00	SE	boiler room	Iron	27-Aug-19	0.732 ppm	F
00	SE	boiler room	Lead	27-Aug-19	1 ppb	P
00	SE	boiler room	Total Coliforms	02-Dec-15	<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.