

**Seattle Public Schools
Drinking Water Quality Program**

**Results of Water Quality Testing
for
NATHAN HALE HIGH SCHOOL**

Updated September 3, 2019

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:

There are one source that doesn't meet the policy criteria. Signs will be posted at: office sink (#75).

Follow-up monitoring: Will be performed in 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

FIXTURE INFORMATION			CURRENT STATUS								
			LEAD		CADMIUM		COPPER		IRON		OK?
Fixture ID	Type	Location	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail	Status	Yes/No/Status
101	S	custodial breakroom 1417	P	None	P	None	P	None			Yes
103	S	kitchen	P	None	P	None	P	None			Yes
104	S	kitchen	P	None	P	None	P	None	P	None	Yes
105	S	kitchen	P	None	P	None	P	None			Yes
106	S	kitchen	P	None	P	None	P	None			Yes
108	K	kitchen, left	P	None	P	None	P	None			Yes
109	K	kitchen, middle	P	None	P	None	P	None			Yes
110	K	kitchen, right	P	None	P	None	P	None			Yes
111	S	kitchen	P	None	P	None	P	None			Yes
115	B	2nd floor, hallway, shouth A, left	P	None	P	None	P	None			Yes
116	B	2nd floor, hallway, shouth A, right	P	None	P	None	P	None			Yes
117	B	2nd floor, hallway, NE, left	P	None	P	None	P	None	P	None	Yes
118	B	2nd floor, hallway, NE, right	P	None	P	None	P	None	P	None	Yes
120	S	student store, 1102A	P	None	P	None	P	None			Yes
121	B	first floor main entry, left	P	None	P	None	P	None			Yes
122	B	first floor main entry, right	P	None	P	None	P	None			Yes
50	B	gym, left	P	None	P	None	P	None	P	None	Yes
51	B	gym, right	P	None	P	None	P	None			Yes
52	B	gym, bottle filler	P	None	P	None	P	None			Yes
53	B	gym, right	P	None	P	None	P	None			Yes
55	S	KNHC - 1204	P	None	P	None	P	None			Yes
56	S/B	library	P	None	P	None	P	None	P	None	Yes
60	S	nurse office	P	None	P	None	P	None			Yes
61	S	teen health lab - 1104F, left	P	None	P	None	P	None			Yes
61A	S	teen health lab - right	P	None	P	None	P	None			Yes
64	S	admin workroom	P	None	P	None	P	None	P	None	Yes
65	S	Kitchen 1105A	P	None	P	None	P	None	P	None	Yes
70	B	phase 2.3, 1st floor hallway, left	P	None	P	None	P	None			Yes
71	B	phase 2.3, 1st floor hallway, right	P	None	P	None	P	None			Yes
72	S	training room	P	None	P	None	P	None			Yes
74	B	women's varsity lockers, 1314E	P	None	P	None	P	None			Yes
75	S	office	F	PS	P	None	P	None			PS
76	B	men's varsity lockers	P	None	P	None	P	None			Yes
77	S	room 1319	P	None	P	None	P	None	P	None	Yes
78	S	Home Ec. Room	P	None	P	None	P	None			Yes
79	S	Home Ec. Room	P	None	P	None	P	None			Yes
80	S	Home Ec. Room	P	None	P	None	P	None			Yes
81	S	Home Ec. Room	P	None	P	None	P	None			Yes
82	S	Home Ec. Room	P	None	P	None	P	None			Yes
83	S	Home Ec. Room	P	None	P	None	P	None			Yes
84	S	Home Ec. Room	P	None	P	None	P	None			Yes
85	S	Home Ec. Room	P	None	P	None	P	None	P	None	Yes
91	B	hallway, north A, first floor, left	P	None	P	None	P	None			Yes
92	B	hallway, north A, first floor, right	P	None	P	None	P	None			Yes

93	B/S	room 1137	P	None	P	None	P	None			Yes
94	S	room 1140A	P	None	P	None	P	None			Yes
95	S	teacher's lounge	P	None	P	None	P	None			Yes
96	B	hallway 1100 - custodial, bottle filler	P	None	P	None	P	None	P		Yes
97	B	hallway 1100 - custodial	P	None	P	None	P	None	P		Yes
98	S	changing room 1405	P	None	P	None	P	None			Yes
99	S	changing room 1406	P	None	P	None	P	None			Yes

Table 2. Lead Test Results

FIXTURE INFORMATION			11/18/2010			2/18/2011			3/1/2011			4/15/2014			8/8/2018			8/28/2019			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	1st Draw	Flush 30s	Pass /Fail	1st Draw	Flush 30s	Pass /Fail	Pass /Fail	Status	
101	S	custodial breakroom 1417				14	6		16	4		<1	<1	P	<1	<1	P				P	None	
103	S	kitchen				7	1	P				3	<1	P	4	<1	P				P	None	
104	S	kitchen				14	1		14	2		1	<1	P	4	<1	P				P	None	
105	S	kitchen				7	<1	P				2	<1	P	2	<1	P				P	None	
106	S	kitchen				9	<1	P				1	<1	P	3	<1	P				P	None	
108	K	kitchen, left				78	5		8	1	P	14	9		9	<1	P				P	None	
109	K	kitchen, middle				44	6		14	1		2	3	P	8	<1	P				P	None	
110	K	kitchen, right				21	6		9	2	P										P	None	
111	S	kitchen				2	<1	P				5	<1	P	3	<1	P				P	None	
115	B	2nd floor, hallway, shouth A, left				<1	1	P				<1	<1	P	<1	<1	P				P	None	
116	B	2nd floor, hallway, shouth A, right				<1	<1	P				<1	<1	P	<1	1	P				P	None	
117	B	2nd floor, hallway, NE, left				2	3	P				<1	<1	P	1	<1	P				P	None	
118	B	2nd floor, hallway, NE, right				3	5	P				<1	<1	P	<1	<1	P				P	None	
120	S	student store, 1102A				2	<1	P				1	<1	P	<1	<1	P				P	None	
121	B	first floor main entry, left										2	1	P	11	12		2	1	P	P	None	
122	B	first floor main entry, right										2	1	P	9	10	P				P	None	
50	B	gym, left										1	<1	P	<1	<1	P				P	None	
51	B	gym, right										1	1	P	<1	<1	P				P	None	
52	B	gym, bottle filler										<1	<1	P	1	<1	P				P	None	
53	B	gym, right										<1	<1	P	<1	<1	P				P	None	
55	S	KNHC - 1204										<1	<1	P								P	None
56	S/B	library													<1	<1	P				P	None	
60	S	nurse office													<1	<1	P				P	None	
61	S	teen health lab - 1104F, left	2	1	P										1	<1	P				P	None	
61A	S	teen health lab - right	2	1	P										<1	<1	P				P	None	
64	S	admin workroom										<1	<1	P	<1	<1	P				P	None	
65	S	Kitchen 1105A										<1	<1	P	<1	<1	P				P	None	
70	B	phase 2.3, 1st floor hallway, left										<1	<1	P	<1	<1	P				P	None	
71	B	phase 2.3, 1st floor hallway, right										<1	<1	P	<1	<1	P				P	None	
72	S	training room	5	5	P							1	1	P	1	1	P				P	None	
74	B	women's varsity lockers, 1314E	6	5	P																	P	None
75	S	office	32	29																		F	PS
76	B	men's varsity lockers	5	5	P							2	2	P								P	None
77	S	room 1319										<1	<1	P	<1	<1	P				P	None	
78	S	Home Ec. Room	2	<1	P							1	1	P								P	None
79	S	Home Ec. Room										2	2	P								P	None
80	S	Home Ec. Room										1	<1	P								P	None
81	S	Home Ec. Room										1	<1	P								P	None
82	S	Home Ec. Room										2	1	P								P	None
83	S	Home Ec. Room										1	<1	P								P	None
84	S	Home Ec. Room										1	<1	P								P	None
85	S	Home Ec. Room										<1	<1	P								P	None
91	B	hallway, north A, first floor, left				2	3	P				<1	<1	P	<1	<1	P				P	None	
92	B	hallway, north A, first floor, right				2	2	P				2	<1	P	2	<1	P					P	None
93	B/S	room 1137				5	6	P				1	<1	P	1	<1	P					P	None
94	S	room 1140A				<1	<1	P				<1	<1	P	<1	<1	P					P	None
95	S	teacher's lounge				1	<1	P				<1	<1	P	<1	<1	P					P	None

96	B	hallway 1100 - custodial, bottle filler				<1	<1	P				<1	<1	P	<1	<1	P				P	None
97	B	hallway 1100 - custodial				<1	<1	P				2	<1	P	<1	<1	P				P	None
98	S	changing room 1405				<1	<1	P				<1	<1	P	<1	<1	P				P	None
99	S	changing room 1406				<1	<1	P				<1	<1	P	<1	<1	P				P	None

Table 3. Cadmium Test Results

Test Results (Cadmium/Cd, ppb)																						
FIXTURE INFORMATION			9/9/2009			2/21/2010			9/8/2010			2/18/2011			4/15/2014			8/8/2018			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
101	S	custodial breakroom 1417										<1	<1	P	<1	<1	P	<1	<1	P	P	None
103	S	kitchen										<1	<1	P	<1	<1	P	<1	<1	P	P	None
104	S	kitchen										1	<1	P	<1	<1	P	<1	<1	P	P	None
105	S	kitchen										<1	<1	P	<1	<1	P	<1	<1	P	P	None
106	S	kitchen										<1	<1	P	<1	<1	P	<1	<1	P	P	None
108	K	kitchen, left										<1	<1	P	<1	<1	P	<1	<1	P	P	None
109	K	kitchen, middle										<1	<1	P	<1	<1	P	<1	<1	P	P	None
110	K	kitchen, right										<1	<1	P							P	None
111	S	kitchen										<1	<1	P	<1	<1	P	<1	<1	P	P	None
115	B	2nd floor, hallway, shouth A, left										<1	<1	P	<1	<1	P	<1	<1	P	P	None
116	B	2nd floor, hallway, shouth A, right										<1	<1	P	<1	<1	P	<1	<1	P	P	None
117	B	2nd floor, hallway, NE, left										<1	<1	P	<1	<1	P	<1	<1	P	P	None
118	B	2nd floor, hallway, NE, right										<1	<1	P	<1	<1	P	<1	<1	P	P	None
120	S	student store, 1102A										<1	<1	P	<1	<1	P	<1	<1	P	P	None
121	B	first floor main entry, left													<1	<1	P	<1	<1	P	P	None
122	B	first floor main entry, right													<1	<1	P	<1	<1	P	P	None
50	B	gym, left	<1	<1	P										<1	<1	P	<1	<1	P	P	None
51	B	gym, right	<1	<1	P										<1	<1	P	<1	<1	P	P	None
52	B	gym, bottle filler	<1	<1	P										<1	<1	P	<1	<1	P	P	None
53	B	gym, right	<1	<1	P										<1	<1	P	<1	<1	P	P	None
55	S	KNHC - 1204	<1	<1	P										<1	<1	P				P	None
56	S/B	library	<1	<1	P													<1	<1	P	P	None
60	S	nurse office				<1	<1	P										<1	<1	P	P	None
61	S	teen health lab - 1104F, left																<1	<1	P	P	None
61A	S	teen health lab - right				<1	<1	P										<1	<1	P	P	None
64	S	admin workroom				<1	<1	P							<1	<1	P	<1	<1	P	P	None
65	S	Kitchen 1105A				<1	<1	P							<1	<1	P	<1	<1	P	P	None
70	B	phase 2.3, 1st floor hallway, left							<1	<1	P				<1	<1	P	<1	<1	P	P	None
71	B	phase 2.3, 1st floor hallway, right							<1	<1	P				<1	<1	P	<1	<1	P	P	None
72	S	training room							<1	<1	P				<1	<1	P	<1	<1	P	P	None
74	B	women's varsity lockers, 1314E							<1	<1	P										P	None
75	S	office							<1	<1	P										P	None
76	B	men's varsity lockers							<1	<1	P				<1	<1	P				P	None
77	S	room 1319							<1	<1	P				<1	<1	P	<1	<1	P	P	None
78	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
79	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
80	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
81	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
82	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
83	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
84	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
85	S	Home Ec. Room							<1	<1	P				<1	<1	P				P	None
91	B	hallway, north A, first floor, left										<1	<1	P	<1	<1	P	<1	<1	P	P	None
92	B	hallway, north A, first floor, right										<1	<1	P	<1	<1	P	<1	<1	P	P	None
93	B/S	room 1137										<1	<1	P	<1	<1	P	<1	<1	P	P	None
94	S	room 1140A										<1	<1	P	<1	<1	P	<1	<1	P	P	None

95	S	teacher's lounge										<1	<1	P	<1	<1	P	<1	<1	P	P	None
96	B	hallway 1100 - custodial, bottle filler										<1	<1	P	<1	<1	P	<1	<1	P	P	None
97	B	hallway 1100 - custodial										<1	<1	P	<1	<1	P	<1	<1	P	P	None
98	S	changing room 1405										<1	<1	P	<1	<1	P	<1	<1	P	P	None
99	S	changing room 1406										<1	<1	P	<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

Test Results (Copper/Cu, ppm)																						
FIXTURE INFORMATION			9/9/2009			2/21/2010			9/8/2010			2/18/2011			4/15/2014			8/8/2018			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
101	S	custodial breakroom 1417										0.276	0.319	P	0.116	0.137	P	0.146	0.09	P	P	None
103	S	kitchen										0.131	0.066	P	0.115	0.029	P	0.176	0.012	P	P	None
104	S	kitchen										0.124	0.083	P	0.1	0.051	P	0.124	0.013	P	P	None
105	S	kitchen										0.15	0.099	P	0.086	0.101	P	0.146	0.024	P	P	None
106	S	kitchen										0.078	0.083	P	0.144	0.101	P	0.117	0.017	P	P	None
108	K	kitchen, left										0.169	0.1	P	0.122	0.112	P	0.096	0.117	P	P	None
109	K	kitchen, middle										0.172	0.105	P	0.112	0.117	P	0.089	0.12	P	P	None
110	K	kitchen, right										0.155	0.261	P							P	None
111	S	kitchen										0.367	0.286	P	0.023	0.135	P	0.176	0.148	P	P	None
115	B	2nd floor, hallway, shouth A, left										0.282	0.063	P	0.134	0.068	P	0.149	0.069	P	P	None
116	B	2nd floor, hallway, shouth A, right										0.147	0.031	P	0.078	0.038	P	0.069	0.277	P	P	None
117	B	2nd floor, hallway, NE, left										0.236	0.227	P	0.151	0.12	P	0.235	0.175	P	P	None
118	B	2nd floor, hallway, NE, right										0.241	0.263	P	0.124	0.065	P	0.225	0.196	P	P	None
120	S	student store, 1102A										0.188	0.231	P	0.116	0.097	P	0.162	0.162	P	P	None
121	B	first floor main entry, left													0.189	0.201	P	0.33	0.378	P	P	None
122	B	first floor main entry, right													0.189	0.193	P	0.353	0.355	P	P	None
50	B	gym, left	0.166	0.083	P										0.18	0.124	P	0.398	0.236	P	P	None
51	B	gym, right	0.134	0.093	P										0.187	0.182	P	0.331	0.324	P	P	None
52	B	gym, bottle filler	0.105	0.064	P										0.138	0.146	P	0.27	0.231	P	P	None
53	B	gym, right	0.097	0.063	P										0.131	0.099	P	0.221	0.174	P	P	None
55	S	KNHC - 1204	0.176	0.179	P										0.205	0.188	P				P	None
56	S/B	library	0.1	0.034	P													0.181	0.333	P	P	None
60	S	nurse office				0.136	0.125	P										0.186	0.216	P	P	None
61	S	teen health lab - 1104F, left																0.289	0.152	P	P	None
61A	S	teen health lab - right				4.25	0.202											0.216	0.132	P	P	None
64	S	admin workroom				0.153	0.04	P							0.086	0.107	P	0.153	0.187	P	P	None
65	S	Kitchen 1105A				0.071	0.092	P							0.038	0.038	P	0.193	0.177	P	P	None
70	B	phase 2.3, 1st floor hallway, left							0.146	0.148	P				0.128	0.117	P	0.237	0.235	P	P	None
71	B	phase 2.3, 1st floor hallway, right							0.136	0.144	P				0.127	0.125	P	0.288	0.224	P	P	None
72	S	training room							0.245	0.129	P				0.181	0.16	P	0.351	0.349	P	P	None
74	B	women's varsity lockers, 1314E							0.186	0.154	P										P	None
75	S	office							0.116	0.104	P										P	None
76	B	men's varsity lockers							0.138	0.074	P				0.154	0.15	P				P	None
77	S	room 1319							0.136	0.08	P				0.219	0.109	P	0.329	0.182	P	P	None
78	S	Home Ec. Room							0.16	0.156	P				0.113	0.112	P				P	None
79	S	Home Ec. Room							0.112	0.099	P				0.11	0.063	P				P	None
80	S	Home Ec. Room							0.108	0.132	P				0.095	0.039	P				P	None
81	S	Home Ec. Room							0.136	0.093	P				0.134	0.034	P				P	None
82	S	Home Ec. Room							0.12	0.119	P				0.065	0.045	P				P	None
83	S	Home Ec. Room							0.091	0.09	P				0.045	0.029	P				P	None
84	S	Home Ec. Room							0.107	0.096	P				0.069	0.05	P				P	None
85	S	Home Ec. Room							0.131	0.123	P				0.13	0.105	P				P	None
91	B	hallway, north A, first floor, left										0.219	0.18	P	0.222	0.17	P	0.186	0.184	P	P	None
92	B	hallway, north A, first floor, right										0.155	0.216	P	0.168	0.071	P	0.213	0.205	P	P	None
93	B/S	room 1137										0.266	0.375	P	0.156	0.171	P	0.226	0.286	P	P	None

94	S	room 1140A									0.202	0.24	P	0.139	0.162	P	0.15	0.166	P	P	None
95	S	teacher's lounge									0.226	0.271	P	0.124	0.142	P	0.136	0.183	P	P	None
96	B	hallway 1100 - custodial, bottle filler									0.308	0.253	P	0.124	0.096	P	0.119	0.173	P	P	None
97	B	hallway 1100 - custodial									0.254	0.121	P	0.155	0.125	P	0.162	0.166	P	P	None
98	S	changing room 1405									0.214	0.242	P	0.1	0.137	P	0.169	0.196	P	P	None
99	S	changing room 1406									0.228	0.175	P	0.115	0.119	P	0.159	0.188	P	P	None

Table 5. Iron Test Results

Test Results (Iron/Fe, ppm)										
FIXTURE INFORMATION			9/9/2009		4/15/2014		8/8/2018		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
101	S	custodial breakroom 1417								
103	S	kitchen								
104	S	kitchen					<0.05	P	P	None
105	S	kitchen								
106	S	kitchen								
108	K	kitchen, left								
109	K	kitchen, middle								
110	K	kitchen, right								
111	S	kitchen								
115	B	2nd floor, hallway, shouth A, left								
116	B	2nd floor, hallway, shouth A, right								
117	B	2nd floor, hallway, NE, left			<0.05	P			P	None
118	B	2nd floor, hallway, NE, right					<0.05	P	P	None
120	S	student store, 1102A								
121	B	first floor main entry, left								
122	B	first floor main entry, right								
50	B	gym, left	<0.05	P					P	None
51	B	gym, right								
52	B	gym, bottle filler								
53	B	gym, right								
55	S	KNHC - 1204								
56	S/B	library	<0.05	P					P	None
60	S	nurse office								
61	S	teen health lab - 1104F, left								
61A	S	teen health lab - right								
64	S	admin workroom			<0.05	P			P	None
65	S	Kitchen 1105A					<0.05	P	P	None
70	B	phase 2.3, 1st floor hallway, left								
71	B	phase 2.3, 1st floor hallway, right								
72	S	training room								
74	B	women's varsity lockers, 1314E								
75	S	office								
76	B	men's varsity lockers								
77	S	room 1319			<0.05	P			P	None
78	S	Home Ec. Room								
79	S	Home Ec. Room								
80	S	Home Ec. Room								
81	S	Home Ec. Room								
82	S	Home Ec. Room								
83	S	Home Ec. Room								
84	S	Home Ec. Room								
85	S	Home Ec. Room			<0.05	P			P	None
91	B	hallway, north A, first floor, left								
92	B	hallway, north A, first floor, right								
93	B/S	room 1137								
94	S	room 1140A								

95	S	teacher's lounge								
96	B	hallway 1100 - custodial, bottle filler			<0.05	P			P	None
97	B	hallway 1100 - custodial					<0.05	P	P	None
98	S	changing room 1405								
99	S	changing room 1406								

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	08-Aug-18	2 ppb	P
00	SE	boiler room	Cadmium	08-Aug-18	1 ppb	P
00	SE	boiler room	Copper	08-Aug-18	0.023 ppm	P
00	SE	boiler room	Iron	08-Aug-18	<0.05 ppm	P
00	SE	boiler room	Total Coliforms	24-Mar-04	<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.