

Results of Water Quality Testing
for
Cedar Park

Revised April 22, 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 test results meet 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			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
01	S	nurse office	P	None	P	None	P	None			Yes
02	S/B	principal office	P	None	P	None	P	None			Yes
03	S	techer's lounge	P	None	P	None	P	None			Yes
04	S/B	room 115	P	None	P	None	P	None			Yes
05	S/B	room 116	P	None	P	None	P	None	P	None	Yes
06	S/B	room 117	P	None	P	None	P	None	P	None	Yes
07	S/B	room 129	P	None	P	None	P	None			Yes
08	S/B	room 118	P	None	P	None	P	None			Yes
09	S/B	room 128	P	None	P	None	P	None			Yes
10	S/B	room 119	P	None	P	None	P	None	P	None	Yes
11	S/B	room 127 jump start	P	None	P	None	P	None	P	None	Yes
12	S/B	room 120	P	None	P	None	P	None			Yes
13	S/B	room 126 jump start	P	None	P	None	P	None			Yes
14	S/B	kindergarten	P	None	P	None	P	None			Yes
15	B	outside boy's bathroom, left	P	None	P	None	P	None	P	None	Yes
16	B	outside boy's bathroom, right	P	None	P	None	P	None	P	None	Yes
17	B	outside girl's bathroom, left	P	None	P	None	P	None			Yes
18	B	outside girl's bathroom, right	P	None	P	None	P	None			Yes
19	B	lunch room	P	None	P	None	P	None			Yes
20	S	kitchen	P	None	P	None	P	None			Yes
21	S	kitchen, left	P	None	P	None	P	None	P	None	Yes
22	UNK	kitchen, right	P	None	P	None	P	None	P	None	Yes

Table 2. Lead Test Results

Test Results (Lead/Pb, ppb)										
FIXTURE INFORMATION			8/13/2015			3/23/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S	nurse office	<1	<1	P	<1	<1	P	P	None
02	S/B	principal office	<1	<1	P	<1	<1	P	P	None
03	S	teacher's lounge	<1	<1	P	<1	<1	P	P	None
04	S/B	room 115	<1	<1	P	<1	<1	P	P	None
05	S/B	room 116	<1	<1	P	<1	<1	P	P	None
06	S/B	room 117	<1	<1	P	<1	<1	P	P	None
07	S/B	room 129	<1	<1	P	<1	<1	P	P	None
08	S/B	room 118	<1	<1	P	<1	<1	P	P	None
09	S/B	room 128	<1	<1	P	<1	<1	P	P	None
10	S/B	room 119	<1	<1	P	<1	<1	P	P	None
11	S/B	room 127 jump start	<1	<1	P	<1	<1	P	P	None
12	S/B	room 120	<1	<1	P	<1	<1	P	P	None
13	S/B	room 126 jump start	<1	<1	P	<1	<1	P	P	None
14	S/B	kindergarten	<1	<1	P	<1	<1	P	P	None
15	B	outside boy's bathroom, left	<1	<1	P	<1	<1	P	P	None
16	B	outside boy's bathroom, right	<1	<1	P	<1	<1	P	P	None
17	B	outside girl's bathroom, left	<1	<1	P	<1	<1	P	P	None
18	B	outside girl's bathroom, right	2	<1	P	<1	<1	P	P	None
19	B	lunch room	<1	<1	P	<1	<1	P	P	None
20	S	kitchen	<1	<1	P	<1	<1	P	P	None
21	S	kitchen, left	<1	<1	P	<1	<1	P	P	None
22	UNK	kitchen, right	<1	<1	P	<1	<1	P	P	None

Table 3. Cadmium Test Results

Test Results (Cadmium/Cd, ppb)										
FIXTURE INFORMATION			8/13/2015			3/23/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S	nurse office	<1	<1	P	<1	<1	P	P	None
02	S/B	principal office	<1	<1	P	<1	<1	P	P	None
03	S	teacher's lounge	<1	<1	P	<1	<1	P	P	None
04	S/B	room 115	<1	<1	P	<1	<1	P	P	None
05	S/B	room 116	<1	<1	P	<1	<1	P	P	None
06	S/B	room 117	<1	<1	P	<1	<1	P	P	None
07	S/B	room 129	<1	<1	P	<1	<1	P	P	None
08	S/B	room 118	<1	<1	P	<1	<1	P	P	None
09	S/B	room 128	<1	<1	P	<1	<1	P	P	None
10	S/B	room 119	<1	<1	P	<1	<1	P	P	None
11	S/B	room 127 jump start	<1	<1	P	<1	<1	P	P	None
12	S/B	room 120	<1	<1	P	<1	<1	P	P	None
13	S/B	room 126 jump start	<1	<1	P	<1	<1	P	P	None
14	S/B	kindergarten	<1	<1	P	<1	<1	P	P	None
15	B	outside boy's bathroom, left	<1	<1	P	<1	<1	P	P	None
16	B	outside boy's bathroom, right	<1	<1	P	<1	<1	P	P	None
17	B	outside girl's bathroom, left	<1	<1	P	<1	<1	P	P	None
18	B	outside girl's bathroom, right	<1	<1	P	<1	<1	P	P	None
19	B	lunch room	<1	<1	P	<1	<1	P	P	None
20	S	kitchen	<1	<1	P	<1	<1	P	P	None
21	S	kitchen, left	<1	<1	P	<1	<1	P	P	None
22	UNK	kitchen, right	<1	<1	P	<1	<1	P	P	None

Table 4. Copper Test Results

Test Results (Copper/Cu, ppm)										
FIXTURE INFORMATION			8/13/2015			3/23/2019			Summary Status	
Fixture ID	Type	Location	1st Draw	Flush 30s	Pass/Fail	1st Draw	Flush 30s	Pass/Fail	Pass/Fail	Status
01	S	nurse office	0.154	0.097	P	0.228	0.228	P	P	None
02	S/B	principal office	0.15	0.11	P	0.23	0.179	P	P	None
03	S	techer's lounge	0.136	0.098	P	0.23	0.215	P	P	None
04	S/B	room 115	0.155	0.154	P	0.229	0.256	P	P	None
05	S/B	room 116	0.138	0.151	P	0.236	0.223	P	P	None
06	S/B	room 117	0.152	0.169	P	0.204	0.222	P	P	None
07	S/B	room 129	0.159	0.185	P	0.238	0.283	P	P	None
08	S/B	room 118	0.166	0.173	P	0.201	0.226	P	P	None
09	S/B	room 128	0.163	0.176	P	0.283	0.286	P	P	None
10	S/B	room 119	0.163	0.182	P	0.259	0.263	P	P	None
11	S/B	room 127 jump start	0.155	0.142	P	0.208	0.245	P	P	None
12	S/B	room 120	0.165	0.174	P	0.188	0.205	P	P	None
13	S/B	room 126 jump start	0.157	0.146	P	0.258	0.254	P	P	None
14	S/B	kindergarten	0.156	0.157	P	0.24	0.182	P	P	None
15	B	outside boy's bathroom, left	0.121	0.109	P	0.234	0.204	P	P	None
16	B	outside boy's bathroom, right	0.13	0.103	P	0.192	0.15	P	P	None
17	B	outside girl's bathroom, left	0.117	0.157	P	0.234	0.193	P	P	None
18	B	outside girl's bathroom, right	0.174	0.118	P	0.277	0.268	P	P	None
19	B	lunch room	0.179	0.116	P	0.225	0.236	P	P	None
20	S	kitchen	0.11	0.105	P	0.215	0.235	P	P	None
21	S	kitchen, left	0.095	0.1	P	0.191	0.234	P	P	None
22	UNK	kitchen, right	0.13	0.115	P	0.195	0.254	P	P	None

Table 5. Iron Test Results

Test Results (Iron/Fe, ppm)								
FIXTURE INFORMATION			8/13/2015		3/23/2019		Summary Status	
Fixture ID	Type	Location	Flush 2m	Pass/Fail	Flush 2m	Pass/Fail	Pass/Fail	Status
01	S	nurse office						
02	S/B	principal office						
03	S	teacher's lounge						
04	S/B	room 115						
05	S/B	room 116	<0.05	P			P	None
06	S/B	room 117			<0.05	P	P	None
07	S/B	room 129						
08	S/B	room 118						
09	S/B	room 128						
10	S/B	room 119	<0.05	P			P	None
11	S/B	room 127 jump start			<0.05	P	P	None
12	S/B	room 120						
13	S/B	room 126 jump start						
14	S/B	kindergarten						
15	B	outside boy's bathroom, left	<0.05	P			P	None
16	B	outside boy's bathroom, right			<0.05	P	P	None
17	B	outside girl's bathroom, left						
18	B	outside girl's bathroom, right						
19	B	lunch room						
20	S	kitchen						
21	S	kitchen, left	0.143	P			P	None
22	UNK	kitchen, right			<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	custodian office	Arsenic	13-Aug-15	2 ppb	P
00	SE	custodian office	Cadmium	23-Mar-19	1 ppb	P
00	SE	custodian office	Copper	23-Mar-19	0.139 ppm	P
00	SE	custodian office	Iron	23-Mar-19	0.08 ppm	P
00	SE	custodian office	Lead	23-Mar-19	1 ppb	P
00	SE	custodian office	Total Coliforms	13-Aug-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.