

These drinking water standards and the regulations for ensuring that these standards are met are called National Primary Drinking Water Regulations. All public water supplies must abide by these regulations.

2.0 ANALYTICAL RESULTS

2.1 Visual Inspection

During the course of this site visit, Partner collected water samples at twenty-four (24) locations. Partner did not attempt to disassemble mechanical equipment, open plumbing pipe chases, or assess materials within wall voids.

2.2 Drinking Water Sample Results

A total of fifty-seven (57) drinking water samples were collected from Jackson Township Board of Education facilities on April 5, 2017; April 6, 2017 and April 18, 2017. A total of fifty-seven (57) samples were analyzed. The first sample at each fixture was a "first draw" which was collected directly from the fixture without letting the water run or flush. Ideally, the water had not been used for the past 8 hours but Partner could not be certain that this was the case. Partner requested from the Client that the test locations be inactive for a minimum of 8 hours prior to testing. This "first draw" sample was collected to evaluate the lead content in the pipes that service the facility. Frequently, older buildings may have corroded pipes or solder joints that leach lead into the drinking water.

The second sample was collected after letting the water run (flush) for thirty seconds. This sample evaluates the lead in water from the water purveyor and the pipes outside the building.

Following collection, samples were sent to SGS Accutest in Dayton, New Jersey for analysis of lead content using USEPA Method 200.8 for lead in drinking water. The results are listed in the following table.

Analytical Results

Sample	School	Code	Location	Results (ppb)
1	Crawford-Rodriguez	CRE- FIELD BLANK	FIELD BLANK	ND
2	Crawford-Rodriguez	CRE-POE	Boiler Room	31.9
3	Crawford-Rodriguez	CRE-POE FLUSH	Boiler Room	1.47
4	Johnson Elementary	HCI-Field Blank	Field Blank	ND
5	Johnson Elementary	HCI-POE	Boiler Room	13.6
6	Johnson Elementary	HCI-POE FLUSH	Boiler Room	1.07
7	Johnson Elementary	HCI-WF-15	Room 212	6.12
8	Johnson Elementary	HCI-WF-15 FLUSH	Room 212	ND
9	Switlik Elementary	SES-FIELD BLANK	FIELD BLANK	ND
10	Switlik Elementary	SES-POE	Basement	6.32

Sample	School	Code	Location	Results (ppb)
11	Switlik Elementary	SES-POE FLUSH	Basement	2.36
12	Goetz Middle School	CG-Field Blank	Field Blank	ND
13	Goetz Middle School	CG-WF-08	Classroom 112	29.0
14	Goetz Middle School	CG-WF-08 FLUSH	Classroom 112	1.61
15	Goetz Middle School	CG-S-11	Room 409 Lab	41.2
16	Goetz Middle School	CG-S-11 FLUSH	Room 409 Lab	24.7
17	Goetz Middle School	CG-WF-19	Room 501	7.41
18	Goetz Middle School	CG-WF-19 FLUSH	Room 501	1.58
19	Goetz Middle School	CG-S-21	Foods Lab	2.99
20	Goetz Middle School	CG-S-21 FLUSH	Foods Lab	ND
21	Goetz Middle School	CG-S-27	Room 301	69.6
22	Goetz Middle School	CG-S-27 FLUSH	Room 301	7.44
23	Goetz Middle School	CG-WF-28	Room 302	6.74
24	Goetz Middle School	CG-WF-28 FLUSH	Room 302	1.79
25	Goetz Middle School	CG-S-30	Near Room 206	2.7
26	Goetz Middle School	CG-S-30 FLUSH	Near Room 206	ND
27	Goetz Middle School	CG-S-31	Near Room 206	7.06
28	Goetz Middle School	CG-S-31 FLUSH	Near Room 206	ND
29	Goetz Middle School	CG-S-32	Room 210	5.92
30	Goetz Middle School	CG-S-32 FLUSH	Room 210	0.723
31	McAuliffe Middle School	CM-FIELD BLANK	FIELD BLANK	ND
32	McAuliffe Middle School	CM-S-43	Room 214	3.14
33	McAuliffe Middle School	CM-S-43 FLUSH	Room 214	0.578
34	Liberty High School	JL-Field Blank	Field Blank	ND
35	Liberty High School	JL-IM-42	Trainer G106	3.69
36	Liberty High School	JL-IM-42 FLUSH	Trainer G106	ND
37	Liberty High School	JL-IM-54	B110 Kitchen	13.1
38	Liberty High School	JL-IM-54 FLUSH	B110 Kitchen	4.07
39	Memorial High School	JM-FIELD BLANK	FIELD BLANK	ND
40	Memorial High School	JM-POE	Boiler Room - FA	3.80

Sample	School	Code	Location	Results (ppb)
41	Memorial High School	JM-POE FLUSH	Boiler Room - FA	1.32
42	Memorial High School	JM-WF-20	Across Nurse	ND
43	Memorial High School	JM-WF-20 FLUSH	Across Nurse	0.633
44	Memorial High School	JM-IM-60	Trainer	49.6
45	Memorial High School	JM-IM-60 FLUSH	Trainer	2.41
46	Memorial High School	JM-S-65	Room 137	3.17
47	Memorial High School	JM-S-65 FLUSH	Room 137	0.573
48	Memorial High School	JM-S-74	Art 403	6.03
49	Memorial High School	JM-S-74 FLUSH	Art 403	ND
50	Administration Building	AB-Field Blank	Field Blank	ND
51	Administration Building	AB-POE	Utility Room	43.9
52	Administration Building	AB-POE FLUSH	Utility Room	35.1
53	Administration Building	AB-WF-02	Main Entrance HW	1.69
54	Administration Building	AB-WF-02 FLUSH	Main Entrance HW	3.55
55	Transportation Building	TG-FIELD BLANK	FIELD BLANK	ND
56	Transportation Building	TG-POE	Boiler Room	7.46
57	Transportation Building	TG-POE FLUSH	Boiler Room	6.55

ND= Not detected. Lead levels not detected at the reporting limit (0.5 ppb)

The analytical results for lead in drinking water for the initial POE sample collected at the Crawford-Rodriguez School, sampling location CRE-POE was 31.9 ppb. The analytical results for the flush sample for sampling location CRE-POE Flush was 1.47 ppb.

The analytical results for lead in drinking water for the initial CG-WF-08 sample collected at the Goetz Middle School was 29.0 ppb. The analytical results for the flush sample for sampling location CG-WF-08 Flush was 1.61 ppb.

The analytical results for lead in drinking water for the initial CG-S-11 sample collected at the Goetz Middle School, was 41.2 ppb. The analytical results for the flush sample for sampling location CG-S-11 Flush was 24.7 ppb.

The analytical results for lead in drinking water for the initial CG-S-27 sample collected at the Goetz Middle School, was 69.6 ppb. The analytical results for the flush sample for sampling location CG-S-27 Flush was 7.44 ppb.