

MassDEP LCCA Program Water Sample Analysis Results

Location: Mansfield
Name of School: Mansfield: Mansfield High
Facility Type: Public School
Org Code: 01670505
Sample Date: 2/10/2018
Sampler Name: Eugene Brunelle
Laboratory: ALPHA ANALYTICAL

Analytical Method: EPA 200.8
Method Detection Limit (MDL): 0.001
Units of Measurement: mg/L
Lead Action Level: 0.015 mg/L
Copper Action Level: 1.3 mg/L

Location Type Code	Location Type
DW	Drinking Water Bubbler
WC	Water Cooler (chiller unit)
CF	Classroom Faucet
KC	Kitchen Faucet, Cold
KK	Kitchen Kettle
KI	Kitchen Ice Maker
EC	Home Economics Room, Cold
BF	Bathroom Faucet
NS	Nurse's Office Sink
SC	Service Connector
OT	Other Location

NOTE:

'First Draw' means a 250 mL volume sample collected after an 8-18 hour stagnation period and prior to any other use of the fixture.

'Flush' means a 250 mL volume sample collected from the flowing tap 30 seconds after the First Draw sample is collected.

'MDL' is the minimum detection level that is reportable by the laboratory.

'ND (Non Detects)' means a concentration less than the MDL.

'Not Sampled' implies flush sample not collected because of common feed plumbing with adjacent fixture.

Results highlighted in red are concentrations above the Action Level.

Number of samples with concentration greater than the Action Level:

9

0

5

3

Sample Location ID	Location Type	Location Description	Method Detection Limit	Lead First Draw (P)	Lead Flush (F)	Copper First Draw (P)	Copper Flush (F)
001	KC	2 BASIN FOOD PREP SINK	0.001	0.0052	0.0021	0.9604	0.5652
002	KC	LEFT FAUCET WASH/RINSE SINK	0.001	0.0126	ND	0.8428	0.3584
003	KC	RIGHT FAUCET WASH/RINSE SINK	0.001	0.0192	Not Sampled	0.9642	Not Sampled
004	KI	ICE MACHINE	0.001	ND	Not Sampled	0.0063	Not Sampled
005	WC	BOTTLE FILL CAFETERIA	0.001	ND	Not Sampled	0.1808	Not Sampled
006	WC	BUBBLER CAFETERIA	0.001	ND	ND	0.1621	0.1567
008	DW	BUBBLER LEFT GYM	0.001	0.0019	0.003	0.9402	0.287

Number of samples with concentration greater than the Action Level:

9

0

5

3

Sample Location ID	Location Type	Location Description	Method Detection Limit	Lead First Draw (P)	Lead Flush (F)	Copper First Draw (P)	Copper Flush (F)
010	DW	BUBBLER GYM LONG WALL OPPOSITE SITE 008	0.001	0.0063	0.0047	1.533	1.167
011	CF	SINK ROOM 127	0.001	0.0035	ND	1.556	0.2365
012	WC	BOTTLE FILL HALL ACROSS FROM NURSE	0.001	ND	Not Sampled	0.1477	Not Sampled
013	WC	BUBBLER HALL ACROSS FROM NURSE	0.001	ND	ND	0.126	0.0657
014	NS	NURSE'S SINK	0.001	0.0063	0.0011	1.02	1.188
015	BF	SINK NURSE'S BATHROOM	0.001	0.0035	ND	0.7519	1.033
016	CF	SINK LEFT ROOM 126	0.001	0.0038	0.0037	0.9666	1.332
021	WC	BUBBLER IN HALL ACROSS FROM ROOM 106B	0.001	0.0035	0.0042	1.828	1.109
022	OT	SINK LIBRARY COPY ROOM	0.001	0.0085	0.0025	0.7005	1.17
023	WC	BOTTLE FILL ACROSS FROM MAIN OFFICE	0.001	ND	Not Sampled	0.8889	Not Sampled
024	WC	BUBBLER ACROSS FROM MAIN OFFICE	0.001	ND	ND	0.7808	0.6165
025	CF	SINK ROOM 112	0.001	0.016	0.0038	0.6358	1.288
026	CF	SINK ROOM 115	0.001	0.0358	0.0125	2.5	2.056
028	CF	SINK ROOM 121	0.001	0.0541	0.0065	0.1582	0.5382
029	CF	SINK ROOM 123	0.001	0.0186	0.0023	0.4098	0.8581
030	CF	SINK ROOM 123 TO RIGHT OF SINK 029	0.001	0.2109	0.0034	2.676	0.8644
031	CF	SINK ROOM 182	0.001	0.0179	0.0042	0.7386	0.9388
032	OT	SINK FACULTY ROOM 181	0.001	0.0037	0.0014	0.7918	0.9688
033	OT	SINK FACULTY WORK ROOM 237A	0.001	0.0162	0.0026	1.237	0.2169
034	WC	BUBBLER HALL BY ELECTRICAL ROOM 218A	0.001	ND	0.0013	0.4996	0.6018
035	OT	SINK FACULTY WORK ROOM 223	0.001	0.0141	0.0042	0.988	0.4894
037	WC	BUBBLER HALL BY ROOM 205	0.001	0.0026	0.003	0.9821	1.032
038	OT	SINK FACULTY WORK ROOM 245	0.001	0.0256	0.0052	1.127	1.354

Number of samples with concentration greater than the Action Level:

9

0

5

3

Sample Location ID	Location Type	Location Description	Method Detection Limit	Lead First Draw (P)	Lead Flush (F)	Copper First Draw (P)	Copper Flush (F)
039	WC	BOTTLE FILL ACROSS FROM ROOM 241	0.001	ND	Not Sampled	0.1726	Not Sampled
040	WC	BUBBLER ACROSS FROM ROOM 241	0.001	ND	ND	0.1694	0.1628