

MassDEP LCCA Program Water Sample Analysis Results

Location: Mansfield
Name of School: Mansfield: Harold L Qualters Middle
Facility Type: Public School
Org Code: 01670035
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:

8

2

14

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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 BY ICE MACHINE	0.001	0.0073	0.0045	0.8855	0.5525
002	KI	ICE MACHINE	0.001	ND	Not Sampled	0.0337	Not Sampled
003	KC	SINK FOOD PREP ACROSS FROM SQUARE SKILLET	0.001	0.0068	0.0044	0.8123	0.542
004	KK	SQUARE SKILLET	0.001	0.044	0.0051	1.053	0.5068
005	WC	BUBBLER CAFETERIA	0.001	0.0018	0.0064	0.6455	0.9405
006	WC	BUBBLER LEFT BY LIBRARY	0.001	ND	ND	1.487	1.679
007	WC	BUBBLER RIGHT BY LIBRARY	0.001	ND	Not Sampled	1.4	Not Sampled

Number of samples with concentration greater than the Action Level:

8

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Sample Location ID	Location Type	Location Description	Method Detection Limit	Lead First Draw (P)	Lead Flush (F)	Copper First Draw (P)	Copper Flush (F)
008	OT	SINK ROOM B-2B LIBRARY WORK ROOM	0.001	0.0123	0.0025	0.5968	1.444
009	CF	SINK ROOM 1400	0.001	0.0052	0.0048	1.431	0.8098
010	WC	BUBBLER HALL BY STORAGE ROOM 146-A	0.001	0.0529	0.0404	1.147	0.9629
011	WC	BUBBLER LEFT HALL BY GYM G-1	0.001	0.0013	0.0019	1.155	1.027
012	WC	BUBBLER RIGHT HALL BY GYM G-1	0.001	0.0014	Not Sampled	1.152	Not Sampled
013	WC	BUBBLER ON LEFT GYM	0.001	0.0062	0.003	1.093	0.5822
015	NS	NURSE'S SINK RIGHT	0.001	0.0144	0.0029	1.079	0.4576
016	BF	NURSE'S BATHROOM SINK RIGHT	0.001	0.0036	0.0015	1.037	0.7468
017	NS	NURSE'S SINK LEFT	0.001	0.0079	0.0027	0.8239	0.4481
018	BF	NURSE'S BATHROOM SINK LEFT	0.001	0.005	0.002	0.6784	0.4861
019	WC	BUBBLER LEFT TO LEFT OF NURSE	0.001	0.0029	0.0058	1.542	1.303
020	WC	BUBBLER RIGHT TO LEFT OF NURSE	0.001	0.0047	Not Sampled	1.558	Not Sampled
021	CF	SINK ROOM 117	0.001	0.0202	0.0053	0.9966	0.9406
022	CF	SINK ROOM 112	0.001	0.0327	0.0036	0.2086	1.081
023	WC	BUBBLER LEFT ROOM 115	0.001	0.0152	0.0124	1.937	1.449
024	WC	BUBBLER RIGHT BY ROOM 115	0.001	0.0208	Not Sampled	1.768	Not Sampled
025	WC	BUBBLER ACROSS FROM ROOM 133	0.001	0.0031	0.0025	1.224	1.571
026	OT	SINK ROOM 102-A	0.001	0.0352	0.0053	0.4173	1.418
027	WC	BUBBLER LEFT BY ROOM 108	0.001	ND	0.0011	1.986	1.131
028	WC	BUBBLER RIGHT BY ROOM 108	0.001	0.0012	Not Sampled	1.899	Not Sampled
029	WC	BUBBLER LEFT OUTSIDE OFFICE BY FACULTY BATHROOMS	0.001	ND	0.0011	1.391	1.506
030	WC	BUBBLER RIGHT OUTSIDE OFFICE BY FACULTY BATHROOMS	0.001	0.0017	Not Sampled	1.643	Not Sampled

Number of samples with concentration greater than the Action Level:

8

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14

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Sample Location ID	Location Type	Location Description	Method Detection Limit	Lead First Draw (P)	Lead Flush (F)	Copper First Draw (P)	Copper Flush (F)
031	OT	SINK FACULTY DINING ROOM 139	0.001	0.3069	0.0232	0.8822	0.8322
032	WC	BUBBLER LEFT BY ROOM 216	0.001	0.0016	0.002	0.6462	0.7385
033	WC	BUBBLER RIGHT BY ROOM 216	0.001	0.002	Not Sampled	0.7896	Not Sampled
034	WC	BUBBLER LEFT BY ROOM 226	0.001	ND	ND	1.303	1.783
036	WC	BUBBLER LEFT BY ROOM 208	0.001	0.0012	0.0013	1.468	1.037
037	WC	BUBBLER RIGHT BY ROOM 208	0.001	0.0018	Not Sampled	1.674	Not Sampled
038	WC	BUBBLER HALL BY STAIRS AND ROOM 130	0.001	ND	ND	1.18	1.41