

MassDEP LCCA Program Water Sample Analysis Results (CORRECTED)

Location: Mansfield
Name of School: Mansfield: Jordan/Jackson Elementary
Facility Type: Public School
Org Code: 01670014
Sample Date: 2/8/2018
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 Bubblers
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:

29

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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	WC	BUBBLER OUTSIDE GYM	0.001	0.0011	ND	0.431	0.185
002	KC	FOOD PREP SINK ACROSS FROM SQUARE SKILLET	0.001	0.0034	ND	0.6433	0.7518
003	KK	SQUARE SKILLET	0.001	0.0075	ND	0.386	0.1738
004	KI	KITCHEN ICE MACHINE	0.001	ND	Not Sampled	0.0079	Not Sampled
005	KC	FOOD PREP SINK BY ICE MACHINE	0.001	0.0079	ND	0.4345	0.1991

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29

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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)
006	WC	BOTTLE FILL LEFT CAFETERIA	0.001	ND	Not Sampled	0.1803	Not Sampled
007	WC	BUBBLER LEFT CAFETERIA	0.001	ND	ND	0.157	0.088
008	WC	BOTTLE FILL RIGHT CAFETERIA	0.001	ND	Not Sampled	0.2883	Not Sampled
009	WC	BUBBLER RIGHT CAFETERIA	0.001	ND	ND	0.2368	0.1241
010	NS	NURSE'S SINK	0.001	0.0041	ND	0.5806	0.8031
011	BF	NURSE'S BATHROOM SINK	0.001	0.0093	0.0011	0.5312	0.5511
012	OT	SINK CONFERENCE ROOM C108	0.001	0.0073	ND	0.3792	0.5366
013	DW	BUBBLER CONFERENCE ROOM C108	0.001	0.0065	Not Sampled	0.7028	Not Sampled
014	CF	SINK ROOM C109	0.001	0.0065	ND	0.4711	0.4948
015	DW	BUBBLER FOYER BY PAYPHONE AND RESTROOMS	0.001	ND	ND	0.9272	0.6305
016	CF	FAUCET ROOM A128	0.001	0.0298	0.0011	0.8722	0.4444
017	DW	BUBBLER ROOM A128	0.001	0.0053	Not Sampled	1.127	Not Sampled
018	CF	FAUCET ROOM A107	0.001	0.016	ND	0.8903	0.43
020	CF	FAUCET ROOM A108	0.001	0.017	ND	0.3602	0.43
021	DW	BUBBLER ROOM A108	0.001	0.0067	Not Sampled	0.6541	Not Sampled
022	CF	FAUCET ROOM A127	0.001	0.0096	ND	0.6587	0.4214
024	CF	FAUCET ROOM A124	0.001	0.0112	ND	0.7544	0.6018
025	DW	BUBBLER ROOM A124	0.001	0.0024	Not Sampled	1.198	Not Sampled
026	CF	FAUCET ROOM A112	0.001	0.0115	ND	0.5241	0.5987
027	DW	BUBBLER ROOM A112	0.001	0.0022	Not Sampled	1.072	Not Sampled
028	CF	FAUCET ROOM A113	0.001	0.0151	ND	0.3348	0.691
029	DW	BUBBLER ROOM A113	0.001	0.0046	Not Sampled	1.055	Not Sampled
030	CF	FAUCET ROOM A123	0.001	0.0148	0.0011	0.8587	0.657
031	DW	BUBBLER ROOM A123	0.001	0.0062	Not Sampled	1.266	Not Sampled
032	CF	FAUCET ROOM A120	0.001	0.0234	0.0021	0.8103	0.7204
034	CF	FAUCET ROOM A116	0.001	0.0073	ND	0.962	0.6252
036	CF	FAUCET ROOM A119	0.001	0.0107	0.0025	1.025	0.6431
037	DW	BUBBLER ROOM A119	0.001	0.0025	Not Sampled	1.075	Not Sampled
038	CF	FAUCET ROOM A118	0.001	0.01	ND	1.07	0.6784
039	DW	BUBBLER ROOM A118	0.001	0.0067	Not Sampled	1.536	Not Sampled

Number of samples with concentration greater than the Action Level:

29

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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)
040	CF	FAUCET ROOM A117	0.001	0.0103	ND	0.8032	0.6535
041	DW	BUBBLER ROOM A117	0.001	0.0078	Not Sampled	0.9178	Not Sampled
042	DW	BUBBLER ACROSS FROM CAFETERIA CURVED GLASS WALL	0.001	0.0049	0.0011	1.808	0.7458
043	CF	FAUCET ROOM C117	0.001	0.0035	ND	0.7195	0.7586
044	DW	BUBBLER ROOM C117	0.001	0.0157	Not Sampled	1.117	Not Sampled
045	KC	SINK KITCHEN BETWEEN ROOMS C117/C119	0.001	0.0028	ND	1.084	0.7081
046	CF	FAUCET ROOM C119	0.001	0.0066	ND	0.6033	0.728
047	DW	BUBBLER ROOM C119	0.001	0.0492	Not Sampled	1.015	Not Sampled
048	BF	SINK BATHROOM ROOM C119	0.001	0.0081	ND	0.898	0.7332
049	BF	SINK BATHROOM ROOM C117	0.001	0.0062	ND	0.8163	0.6554
050	DW	BUBBLER WEST LOBBY	0.001	0.0015	ND	1.219	0.4924
051	CF	FAUCET ROOM B107	0.001	0.0136	ND	0.9602	0.3078
052	DW	BUBBLER ROOM B107	0.001	0.0028	Not Sampled	0.7181	Not Sampled
053	CF	FAUCET ROOM B128	0.001	0.0041	ND	0.5146	0.3119
054	DW	BUBBLER ROOM B128	0.001	0.0045	Not Sampled	0.9083	Not Sampled
055	CF	FAUCET ROOM B127	0.001	0.0111	ND	0.5062	0.5154
056	DW	BUBBLER ROOM B127	0.001	0.0041	Not Sampled	0.9132	Not Sampled
057	CF	FAUCET ROOM B108	0.001	0.0055	ND	0.6137	0.5672
058	DW	BUBBLER ROOM B108	0.001	0.0071	Not Sampled	1.204	Not Sampled
059	CF	FAUCET ROOM B112	0.001	0.0147	0.0019	1.608	0.5684
060	DW	BUBBLER ROOM B112	0.001	0.0071	Not Sampled	1.883	Not Sampled
061	CF	FAUCET ROOM B124	0.001	0.0404	0.0019	0.5765	0.6111
062	DW	BUBBLER ROOM B124	0.001	0.0051	Not Sampled	1.03	Not Sampled
063	CF	FAUCET ROOM B123	0.001	0.0174	0.0012	0.5989	0.6577
064	DW	BUBBLER ROOM B123	0.001	0.0056	Not Sampled	1.056	Not Sampled
065	CF	FAUCET ROOM B113	0.001	0.0272	0.0022	0.36	0.7264
066	DW	BUBBLER ROOM B113	0.001	0.0049	Not Sampled	1.316	Not Sampled
067	CF	FAUCET ROOM B116	0.001	0.03	0.0028	0.7951	0.7262
068	DW	BUBBLER ROOM B116	0.001	0.0061	Not Sampled	1.131	Not Sampled
069	CF	FAUCET ROOM B120	0.001	0.0215	0.0018	0.857	0.5961
070	DW	BUBBLER ROOM B120	0.001	0.0025	Not Sampled	0.9748	Not Sampled
071	CF	FAUCET ROOM B117	0.001	0.013	0.001	0.9256	0.8442
072	DW	BUBBLER ROOM B117	0.001	0.0029	Not Sampled	1.533	Not Sampled

Number of samples with concentration greater than the Action Level:

29

0

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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)
073	CF	FAUCET ROOM B118	0.001	0.0152	0.0011	0.8925	0.6676
074	DW	BUBBLER ROOM B118	0.001	0.0038	Not Sampled	1.397	Not Sampled
075	CF	FAUCET ROOM B119	0.001	0.0102	ND	0.9793	0.6225
076	DW	BUBBLER ROOM B119	0.001	0.004	Not Sampled	1.178	Not Sampled
077	CF	FAUCET ROOM B201	0.001	0.0692	ND	1.386	0.3318
078	DW	BUBBLER ROOM B201	0.001	0.0173	Not Sampled	0.6838	Not Sampled
079	CF	FAUCET ROOM B225	0.001	0.0089	ND	0.6759	0.2458
080	DW	BUBBLER ROOM B225	0.001	0.0062	Not Sampled	0.7053	Not Sampled
081	DW	BUBBLER BY RESTROOMS 2ND FLOOR FOYER	0.001	0.0014	ND	1.172	0.4016
082	CF	FAUCET ROOM B207	0.001	0.0086	ND	0.5282	0.2978
083	DW	BUBBLER ROOM B207	0.001	0.0043	Not Sampled	0.3386	Not Sampled
085	DW	BUBBLER ROOM B224	0.001	0.0122	0.001	0.8717	0.2749
086	CF	FAUCET ROOM B223	0.001	0.0541	0.0017	0.872	0.3404
087	DW	BUBBLER ROOM B223	0.001	0.0071	Not Sampled	0.5872	Not Sampled
088	CF	FAUCET ROOM B208	0.001	0.0047	ND	0.7239	0.3826
089	DW	BUBBLER ROOM B208	0.001	0.0057	Not Sampled	0.9888	Not Sampled
090	CF	FAUCET ROOM B209	0.001	0.0125	0.0022	0.807	0.4422
091	DW	BUBBLER ROOM B209	0.001	0.0075	Not Sampled	0.9011	Not Sampled
092	CF	FAUCET ROOM B221	0.001	0.0179	0.0011	0.7812	0.4362
093	DW	BUBBLER ROOM B221	0.001	0.0039	Not Sampled	0.8471	Not Sampled
094	CF	FAUCET ROOM B220	0.001	0.0112	ND	0.3557	0.4574
095	DW	BUBBLER ROOM B220	0.001	0.0015	Not Sampled	0.8771	Not Sampled
096	CF	FAUCET ROOM B210	0.001	0.008	0.0011	1.063	0.528
097	DW	BUBBLER ROOM B210	0.001	0.0026	Not Sampled	1.19	Not Sampled
098	OT	TEACHER'S LOUNGE BY STAIRS	0.001	0.0065	ND	0.3872	0.597
099	CF	FAUCET ROOM B218	0.001	0.0094	ND	0.88	0.411
100	DW	BUBBLER ROOM B218	0.001	0.0051	Not Sampled	0.7644	Not Sampled
101	CF	FAUCET ROOM B217	0.001	0.0142	0.0019	0.8657	0.6396
103	CF	FAUCET ROOM B215	0.001	0.0205	0.0015	0.761	0.5057
104	DW	BUBBLER ROOM B215	0.001	0.0064	Not Sampled	0.9775	Not Sampled
105	CF	FAUCET ROOM B216	0.001	0.0099	ND	1.078	0.5018
106	DW	BUBBLER ROOM B216	0.001	0.0031	Not Sampled	1.026	Not Sampled
107	DW	BUBBLER OUTSIDE LIBRARY	0.001	0.0031	ND	1.3	0.5675

Number of samples with concentration greater than the Action Level:

29

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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)
108	OT	SINK WORKROOM C214 ACROSS FROM SITE 107	0.001	0.0218	ND	1.095	0.4732
109	CF	FAUCET ROOM A201	0.001	0.018	ND	0.5221	0.3014
110	DW	BUBBLER ROOM A201	0.001	0.009	Not Sampled	0.6873	Not Sampled
111	CF	FAUCET ROOM A202	0.001	0.0315	0.0012	0.5102	0.2698
112	DW	BUBBLER ROOM A202	0.001	0.0055	Not Sampled	0.3972	Not Sampled
113	CF	FAUCET ROOM A226	0.001	0.0254	0.0012	0.4303	0.3223
114	DW	BUBBLER ROOM A226	0.001	0.0073	Not Sampled	1.402	Not Sampled
115	DW	BUBBLER 2ND FLOOR EAST FOYER	0.001	0.0021	ND	1.299	0.5619
116	CF	FAUCET ROOM A204	0.001	0.0716	ND	1.068	0.3332
118	CF	FAUCET ROOM A221	0.001	0.0183	ND	0.9483	0.3719
119	DW	BUBBLER ROOM A221	0.001	0.0065	Not Sampled	0.8688	Not Sampled
121	DW	BUBBLER ROOM A220	0.001	0.0059	0.0011	1.105	0.4494
122	CF	FAUCET ROOM A205	0.001	0.0163	0.0018	0.2731	0.409
123	DW	BUBBLER ROOM A205	0.001	0.0159	Not Sampled	0.5444	Not Sampled
124	CF	FAUCET ROOM A207	0.001	0.0099	0.0011	0.9778	0.5686
125	DW	BUBBLER ROOM A207	0.001	0.003	Not Sampled	1.196	Not Sampled
127	DW	BUBBLER ROOM A219	0.001	0.0022	ND	0.9084	0.533
128	CF	FAUCET ROOM A218	0.001	0.0232	0.002	0.5	0.657
129	DW	BUBBLER ROOM A218	0.001	0.0113	Not Sampled	1.16	Not Sampled
130	CF	FAUCET ROOM A208	0.001	0.0119	ND	0.8932	0.5852
132	CF	FAUCET ROOM A210	0.001	0.0312	0.0038	0.8093	0.6158
133	DW	BUBBLER ROOM A210	0.001	0.0056	Not Sampled	0.8349	Not Sampled
134	OT	SINK TEACHER'S LOUNGE	0.001	0.0051	ND	0.714	0.6269
135	CF	FAUCET ROOM A211	0.001	0.0098	ND	0.9165	0.5906
136	DW	BUBBLER ROOM A211	0.001	0.0036	Not Sampled	0.9804	Not Sampled
137	CF	FAUCET ROOM A212	0.001	0.0139	0.0011	0.9431	0.6359
138	DW	BUBBLER ROOM A212	0.001	0.0049	Not Sampled	1.128	Not Sampled
139	CF	FAUCET ROOM A213	0.001	0.0322	0.0018	1.094	0.6714
140	DW	BUBBLER ROOM A213	0.001	0.0067	Not Sampled	0.5313	Not Sampled