



phone 231.773.5998
 toll-free 800.733.5998
 fax 231.773.6537

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673
 info@trace-labs.com
 www.trace-labs.com

State of Michigan Laboratory ID: 8001

January 06, 2017

Mr. Stephen King
 Birmingham Public Schools
 2305 Cole Street
 Birmingham, MI 48009

PROJECT: Quarton

TRACE ID: T16K459-43

Sample Point Description Q-43-KF
 Collected 11/26/16 9:24
 Collected By eb/nm/nws
 Received at Laboratory 11/28/16 11:16

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.75 mg/L	1.3	11/28/16 12:04	1/4/17 13:57	dtm	EPA 200.8 Rev. 5.4
Lead	0.0027 mg/L	0.015	11/28/16 12:04	1/3/17 16:22	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16K459-44

Sample Point Description Q-44-BF
 Collected 11/26/16 9:25
 Collected By eb/nm/nws
 Received at Laboratory 11/28/16 11:16

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.4 mg/L	1.3	11/28/16 12:04	1/4/17 0:35	dtm	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	11/28/16 12:04	1/3/17 16:24	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16K459-45

Sample Point Description Q-45-BF
 Collected 11/26/16 9:25
 Collected By eb/nm/nws
 Received at Laboratory 11/28/16 11:16

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	11/28/16 12:04	1/3/17 16:27	dtm	EPA 200.8 Rev. 5.4
Lead	0.010 mg/L	0.015	11/28/16 12:04	1/3/17 16:27	dtm	EPA 200.8 Rev. 5.4

* The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.

Jon Mink
 Senior Project Manager



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January 06, 2017

Mr. Stephen King
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 Birmingham, MI 48009

PROJECT: Quarton

TRACE ID: T16K459-01

Sample Point Description	Collected	Collected By	Received at Laboratory			
Q-01-KF	11/26/16 8:57	eb/nm/nws	11/28/16 11:16			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.79 mg/L	1.3	11/28/16 11:58	12/21/16 19:46	dtm	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	11/28/16 11:58	12/21/16 3:46	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16K459-02

Sample Point Description	Collected	Collected By	Received at Laboratory			
Q-02-DF	11/26/16 8:57	eb/nm/nws	11/28/16 11:16			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	11/28/16 12:01	12/29/16 17:13	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/28/16 12:01	12/29/16 17:13	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16K459-03

Sample Point Description	Collected	Collected By	Received at Laboratory			
Q-03-CF	11/26/16 8:57	eb/nm/nws	11/28/16 11:16			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.3 mg/L	1.3	11/28/16 12:01	1/3/17 14:40	dtm	EPA 200.8 Rev. 5.4
Lead	0.018 mg/L	0.015	11/28/16 12:01	12/29/16 17:19	dtm	EPA 200.8 Rev. 5.4

* The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.

 Jon Mink
 Senior Project Manager

Birmingham Schools Fixture Inventory

Building: Quarton

Date Collected: 11-26-16

Trace ID: T16E459

Sampler's Initials: NWS/EB/NM

Logged by: [Signature]

Checked by: [Signature]

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
42	9:04	Q-42-B	Rm 104 B	2429/30	N	Br, Cu	
43	9:04	Q-43-KF	Rm 104 B	2429/30	Y	Br, Cu	
44	9:15	Q-44-BF	Boys by Main Office- Left	2431/32	Y	Br, Cu	
45		Q-45-BF	Boys by Main Office- Right	2431/32	Y	Br, Cu	
46		Q-46-DS	Boys by Main Office	2433	N	Unknown	
47		Q-47-BF	Girls by Main Office- Left	2434	Y	Br, Cu	
48		Q-48-BF	Girls by Main Office- Right	2434	Y	Br, Cu	
49	9:31	Q-49-DF	Hall by 205	2435	N	Unknown	
50		Q-50-CF	Rm 205	2436/37	Y	Br, Cu	
51		Q-51-CF	Rm 206	2438/39/40	Y	Br, Cu	
52		Q-52-BF	2nd Fl - Spanish Rm	2441	Y	Br, Cu	
53	9:36	Q-53-BF	2nd Fl- Boys- Left	2442	Y	Br, Cu	
54		Q-54-BF	2nd Fl- Boys- Middle	2442	Y	Br, Cu	
55		Q-55-BF	2nd Fl- Boys- Right	2442	Y	Br, Cu	
56		Q-56-BF	2nd Fl - Staff Unisex	2443	Y	Br, Cu	
57	9:38	Q-57-Bottle	Hall by 203	2444	N	Unknown	
58		Q-58-DF	Hall by 203	2444	N	Unknown	
59	9:38	Q-59-DF	Hall by 212	2445	N	Unknown	
60		Q-60-BF	Unisex by 212	2447	Y	Br, Cu	
61		Q-61-BF	Girls by 213-Left	2446	Y	Br, Cu	
62		Q-62-BF	Girls by 213- Middle	2446	Y	Br, Cu	
63		Q-63-BF	Girls by 213- Right	2446	Y	Br, Cu	
64	9:35	Q-64-DS	Custodial by 212	2448	N	Unknown	
65		Q-65-DF	2nd Fl Hall by Gym	2449	N	Unknown	
66	9:42	Q-66-BF	Boys by 204- Left	2450	Y	Br, Cu	
67		Q-67-BF	Boys by 204- Right	2450	Y	Br, Cu	
68		Q-68-DS	Custodial by 204	2451	N	Unknown	
69		Q-69-BF	Girls by 204- Left	2452	Y	Br, Cu	
70		Q-70-BF	Girls by 204- Right				

Abbreviations:

- B= Classroom Bubbler
- BF= Bathroom Faucet
- Bottle= Bottle Filler
- CF= Classroom Faucet
- DF= Drinking Fountain
- DS= Deep Sink
- EW= Eye Wash
- HS= Hand Sink
- KF= Kitchen Faucet

Connecting Plumbing:

- Br= Brass
- Cu= Copper
- G= Galvanized
- P= Plastic
- SS= Stainless Steel

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Released by: [Signature] Received by: [Signature] Date: 11-28-16 Time: 11:16



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Birmingham Schools Fixture Inventory

Building: Quarton

Date Collected: 11-26-16
 Sampler's initials: NLS/EP/NM

Trace ID: T16K469
 Logged by: [Signature]
 Checked by: [Signature]

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	8:59	Q-01-KF	Custodial Receiving	2381/82	Y	Br, Cu	
2		Q-02-DF	Hall Outside Receiving	2383	Y	Unknown	
3		Q-03-CF	Rm 101	2384/85	Y	Br, Cu	
4		Q-04-CF	Rm 102	2386/87	Y	Br, Cu	
5	9:00	Q-05-BF	Main Office Clinic	2388	Y	Br, Cu	
6		Q-06-KF	Main Office Workroom	2389/90	Y	Br, Cu	
7		Q-07-CF	Rm 104 A	2391/92	Y	Br, Cu	
8	9:02	Q-08-BF	Boys Restroom By 105-Left	2393	Y	Br, Cu	
9		Q-09-BF	Boys Restroom By 105-Middle	2393	Y	Br, Cu	
10		Q-10-BF	Boys Restroom By 105-Right	2393	Y	Br, Cu	
11	9:02	Q-11-BF	Unisex by 105	2394	Y	Br, Cu	
12	9:04	Q-12-Bottle	Hall by 105	2395	N	Unknown	
13	9:06	Q-13-CF	Rm 106A	2396	Y	Br, Cu	
14		Q-14-CF	Rm 107	2397/98	Y	Br, Cu	
15	9:06	Q-15-DF	Outside 104	2399	N	Unknown	
16		Q-16-BF	Unisex by 104	2400	Y	Br, Cu	
17	9:08	Q-17-BF	Girl's Restroom by 108-Left	2401	Y	Br, Cu	
18		Q-18-BF	Girl's Restroom by 108-Middle	2401	Y	Br, Cu	
19		Q-19-BF	Girl's Restroom by 108-Right	2401	Y	Br, Cu	
20		Q-20-CF	Rm 109	2402/03	Y	Br, Cu, P	
21		Q-21-B	Rm 109	2402/03	N	Br, Cu, P	
22	9:10	Q-22-BF	Rm 110-Left	2404/05	Y	Br, Cu, P	
23		Q-23-BF	Rm 110-Right	2404/05	Y	Br, Cu, P	
24		Q-24-KF	Rm 110	2406/07	Y	Br, Cu, P	
25		Q-25-DF	Hall by 110	2408	N	Unknown	
26	9:13	Q-26-DS	Custodial Rm by 110	2409	N	Unknown	
27		Q-27-CF	Rm 111- 1	2410/11	Y	Br, Cu	
28		Q-28-CF	Rm 111- 2	2412/13	Y	Br, Cu	
29		Q-29-CF	Rm 111-3- by window	2414	Y	Br, Cu	
30	9:14	Q-30-DS	Boiler Rm	2415	N	Unknown	
31	9:14	Q-31-KF	Staff Lounge	2416/17	Y	Br, Cu, P	
32		Q-32-BF	Staff Lounge	2418	Y	Br, Cu	
33	9:14	Q-33-HS	Kitchen	2419/20	Y	Br, Cu	
34		Q-34-KF	Corner Sink- Left	2421/22	N	Br, Cu	
35		Q-35-KF	Corner Sink-Right	2421/2422	N	Br, Cu	
36	9:18	Q-36-KF	Kitchen Island	2423/23	Y	Br, Cu	
37	9:22	Q-37-DS	Multi Purpose Storage	2425	N	Unknown	
38		Q-38-DS	Multi Purpose- Custodial	2426	N	Unknown	
39		Q-39-DF	Multi Purpose Hall-Left	2427	N	Unknown	
40		Q-40-DF	Multi Purpose Hall- Right	2427	N	Unknown	
41		Q-41-BF	Multi Purpose- Unisex	2428	Y	Br, Cu	

Released by: [Signature] Received by: [Signature] Date: 11-27-16 Time: 13:45
11-28-16 11:16

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