



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

February 10, 2017

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

Berkshire

PROJECT: Berkshire

TRACE ID: T16L163-16

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-16-CF	12/4/16 7:04	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.81 mg/L	1.3	12/27/16 9:13	2/1/17 18:10	dtm	EPA 200.8 Rev. 5.4
Lead	0.010 mg/L	0.015	12/27/16 9:13	2/1/17 18:10	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-17

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-17-CF	12/4/16 7:04	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.59 mg/L	1.3	12/27/16 9:13	2/1/17 18:13	dtm	EPA 200.8 Rev. 5.4
Lead	0.013 mg/L	0.015	12/27/16 9:13	2/1/17 18:13	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-18

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-18-CF	12/4/16 7:04	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.55 mg/L	1.3	12/27/16 9:13	2/1/17 18:16	dtm	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	12/27/16 9:13	2/1/17 18:16	dtm	EPA 200.8 Rev. 5.4

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Jon Mink

Jon Mink
 Senior Project Manager



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PROJECT: Berkshire

TRACE ID: T16L163-19

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-19-CF	12/4/16 7:04	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.54 mg/L	1.3	12/27/16 9:13	2/1/17 18:18	dtm	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	12/27/16 9:13	2/1/17 18:18	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-20

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-20-CF	12/4/16 7:04	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.68 mg/L	1.3	12/27/16 9:13	2/1/17 18:21	dtm	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	12/27/16 9:13	2/1/17 18:21	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-21

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-21-CF	12/4/16 7:04	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.6 mg/L	1.3	12/27/16 9:13	2/2/17 16:33	dtm	EPA 200.8 Rev. 5.4
Lead	0.015 mg/L	0.015	12/27/16 9:13	2/1/17 18:24	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-22

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-22-CF	12/4/16 7:04	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	12/27/16 9:13	2/1/17 18:32	dtm	EPA 200.8 Rev. 5.4
Lead	0.0060 mg/L	0.015	12/27/16 9:13	2/1/17 18:32	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-23

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-23-DF	12/4/16 7:05	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.074 mg/L	1.3	12/27/16 9:17	2/1/17 18:40	dtm	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	12/27/16 9:17	2/1/17 18:40	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-24

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-24-CF	12/4/16 7:05	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.39 mg/L	1.3	12/27/16 9:17	2/1/17 18:45	dtm	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	12/27/16 9:17	2/1/17 18:45	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-25

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-25-CF	12/4/16 7:05	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.63 mg/L	1.3	12/27/16 9:17	2/1/17 18:48	dtm	EPA 200.8 Rev. 5.4
Lead	0.049 mg/L	0.015	12/27/16 9:17	2/1/17 18:48	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-26

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-26-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.9 mg/L	1.3	12/27/16 9:17	2/2/17 16:44	dtm	EPA 200.8 Rev. 5.4
Lead	0.017 mg/L	0.015	12/27/16 9:17	2/1/17 18:50	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-27

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-27-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.6 mg/L	1.3	12/27/16 9:17	2/2/17 16:47	dtm	EPA 200.8 Rev. 5.4
Lead	0.016 mg/L	0.015	12/27/16 9:17	2/1/17 18:53	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-28

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-28-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.8 mg/L	1.3	12/27/16 9:17	2/2/17 16:49	dtm	EPA 200.8 Rev. 5.4
Lead	0.052 mg/L	0.015	12/27/16 9:17	2/1/17 18:56	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-29

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-29-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.4 mg/L	1.3	12/27/16 9:17	2/2/17 16:52	dtm	EPA 200.8 Rev. 5.4
Lead	0.022 mg/L	0.015	12/27/16 9:17	2/1/17 19:07	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-30

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-30-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.6 mg/L	1.3	12/27/16 9:17	2/2/17 16:55	dtm	EPA 200.8 Rev. 5.4
Lead	0.025 mg/L	0.015	12/27/16 9:17	2/1/17 19:09	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-31

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-31-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.4 mg/L	1.3	12/27/16 9:17	2/2/17 16:57	dtm	EPA 200.8 Rev. 5.4
Lead	0.016 mg/L	0.015	12/27/16 9:17	2/1/17 19:12	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-32

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-32-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.81 mg/L	1.3	12/27/16 9:17	2/1/17 19:15	dtm	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	12/27/16 9:17	2/1/17 19:15	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-33

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-33-CF	12/4/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	3.6 mg/L	1.3	12/27/16 9:17	2/2/17 17:00	dtm	EPA 200.8 Rev. 5.4
Lead	0.018 mg/L	0.015	12/27/16 9:17	2/1/17 19:17	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-34

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-34-CF	12/14/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	2.3 mg/L	1.3	12/27/16 9:17	2/2/17 17:03	dtm	EPA 200.8 Rev. 5.4
Lead	0.018 mg/L	0.015	12/27/16 9:17	2/1/17 19:20	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-35

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-35-CF	12/14/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.83 mg/L	1.3	12/27/16 9:17	2/1/17 19:23	dtm	EPA 200.8 Rev. 5.4
Lead	0.012 mg/L	0.015	12/27/16 9:17	2/1/17 19:23	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-36

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-36-CF	12/14/16 7:13	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	3.7 mg/L	1.3	12/27/16 9:17	2/2/17 17:05	dtm	EPA 200.8 Rev. 5.4
Lead	0.039 mg/L	0.015	12/27/16 9:17	2/1/17 19:25	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-37

Sample Point Description BK-37-CF *Collected* 12/4/16 7:13 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.7 mg/L	1.3	12/27/16 9:17	2/2/17 17:08	dtm	EPA 200.8 Rev. 5.4
Lead	0.016 mg/L	0.015	12/27/16 9:17	2/1/17 19:28	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-38

Sample Point Description BK-38-DF *Collected* 12/4/16 7:15 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	12/27/16 9:17	2/1/17 19:31	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/27/16 9:17	2/1/17 19:31	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-39

Sample Point Description BK-39-BF *Collected* 12/4/16 7:15 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	12/27/16 9:17	2/1/17 19:39	dtm	EPA 200.8 Rev. 5.4
Lead	0.0033 mg/L	0.015	12/27/16 9:17	2/1/17 19:39	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-46

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-46-CF	12/4/16 7:21	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.76 mg/L	1.3	12/27/16 9:20	2/1/17 20:14	dtm	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	12/27/16 9:20	2/1/17 20:14	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-47

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-47-CF	12/4/16 7:21	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.82 mg/L	1.3	12/27/16 9:20	2/1/17 20:16	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/27/16 9:20	2/1/17 20:16	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-48

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-48-CF	12/4/16 7:21	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.83 mg/L	1.3	12/27/16 9:20	2/1/17 20:19	dtm	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	12/27/16 9:20	2/1/17 20:19	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-49

Sample Point Description BK-49-CF *Collected* 12/4/16 7:21 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.88 mg/L	1.3	12/27/16 9:20	2/1/17 20:22	dtm	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	12/27/16 9:20	2/1/17 20:22	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-50

Sample Point Description BK-50-CF *Collected* 12/4/16 7:21 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.50 mg/L	1.3	12/27/16 9:20	2/1/17 20:24	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/27/16 9:20	2/1/17 20:24	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-51

Sample Point Description BK-51-CF *Collected* 12/4/16 7:21 *Collected By* eb/nws/js *Received at Laboratory* 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	3.1 mg/L	1.3	12/27/16 9:20	2/2/17 17:22	dtm	EPA 200.8 Rev. 5.4
Lead	0.18 mg/L	0.015	12/27/16 9:20	2/2/17 17:22	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Berkshire

TRACE ID: T16L163-52

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-52-CF	12/4/16 7:21	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.70 mg/L	1.3	12/27/16 9:20	2/1/17 20:30	dtm	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	12/27/16 9:20	2/1/17 20:30	dtm	EPA 200.8 Rev. 5.4

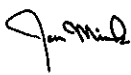
TRACE ID: T16L163-53

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-53-CF	12/4/16 7:22	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.52 mg/L	1.3	12/27/16 9:20	2/1/17 20:33	dtm	EPA 200.8 Rev. 5.4
Lead	0.018 mg/L	0.015	12/27/16 9:20	2/1/17 20:33	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-54

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-54-CF	12/4/16 7:26	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	12/27/16 9:20	2/1/17 20:35	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/27/16 9:20	2/1/17 20:35	dtm	EPA 200.8 Rev. 5.4

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TRACE ID: T16L163-55

Sample Point Description
 BK-55-CF

Collected
 12/4/16 7:26

Collected By
 eb/nws/js

Received at Laboratory
 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	12/27/16 9:20	2/1/17 20:38	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/27/16 9:20	2/1/17 20:38	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-56

Sample Point Description
 BK-56-CF

Collected
 12/4/16 7:26

Collected By
 eb/nws/js

Received at Laboratory
 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.79 mg/L	1.3	12/27/16 9:20	2/1/17 20:49	dtm	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	12/27/16 9:20	2/1/17 20:49	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-57

Sample Point Description
 BK-57-CF

Collected
 12/4/16 7:26

Collected By
 eb/nws/js

Received at Laboratory
 12/9/16 14:55

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.77 mg/L	1.3	12/27/16 9:20	2/1/17 20:52	dtm	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	12/27/16 9:20	2/1/17 20:52	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



phone 231.773.5998 Trace Analytical Laboratories, Inc.
 toll-free 800.733.5998 2241 Black Creek Road
 fax 231.773.6537 Muskegon, MI 49444-2673
 info@trace-labs.com
 www.trace-labs.com

State of Michigan Laboratory ID: 8001

February 10, 2017

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

PROJECT: Berkshire

TRACE ID: T16L163-58

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-58-CF	12/4/16 7:26	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.86 mg/L	1.3	12/27/16 9:20	2/1/17 20:54	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/27/16 9:20	2/1/17 20:54	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-59

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-59-CF	12/4/16 7:26	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.79 mg/L	1.3	12/27/16 9:20	2/1/17 20:57	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/27/16 9:20	2/1/17 20:57	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-60

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-60-CF	12/4/16 7:26	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.56 mg/L	1.3	12/27/16 9:20	2/1/17 21:00	dtm	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	12/27/16 9:20	2/1/17 21:00	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



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

February 10, 2017

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

PROJECT: Berkshlre

TRACE ID: T16L163-61

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-61-CF	12/4/16 7:26	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.78 mg/L	1.3	12/27/16 9:20	2/1/17 21:02	dtm	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	12/27/16 9:20	2/1/17 21:02	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-62

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-62-CF	12/4/16 7:26	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.9 mg/L	1.3	2/6/17 16:24	2/8/17 14:18	dtm	EPA 200.8 Rev. 5.4
Lead	0.060 mg/L	0.015	2/6/17 16:24	2/7/17 14:36	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-63

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-63-CF	12/4/16 7:27	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	12/27/16 9:22	2/1/17 21:10	dtm	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	12/27/16 9:22	2/1/17 21:10	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



phone 231.773.5998 Trace Analytical Laboratories, Inc.
 toll-free 800.733.5998 2241 Black Creek Road
 fax 231.773.6537 Muskegon, MI 49444-2673
 info@trace-labs.com
 www.trace-labs.com

State of Michigan Laboratory ID: 8001

February 10, 2017

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

PROJECT: Berkshire

TRACE ID: T16L163-AD

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-103-CF	12/4/16 8:16	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.3 mg/L	1.3	12/27/16 9:24	2/2/17 17:27	dtm	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	12/27/16 9:24	2/1/17 23:34	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AE

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-104-CF	12/4/16 8:19	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.92 mg/L	1.3	12/27/16 9:24	2/2/17 17:30	dtm	EPA 200.8 Rev. 5.4
Lead	0.0099 mg/L	0.015	12/27/16 9:24	2/1/17 23:42	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AF

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-105-CF	12/4/16 8:18	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	12/27/16 9:24	2/1/17 23:45	dtm	EPA 200.8 Rev. 5.4
Lead	0.0097 mg/L	0.015	12/27/16 9:24	2/1/17 23:45	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



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

February 10, 2017

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

PROJECT: Berkshire

TRACE ID: T16L163-AG

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-106-CF	12/4/16 8:17	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.35 mg/L	1.3	12/27/16 9:26	2/1/17 23:53	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/27/16 9:26	2/1/17 23:53	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AH

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-107-CF	12/4/16 8:36	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	2.6 mg/L	1.3	12/27/16 9:26	2/2/17 17:35	dtm	EPA 200.8 Rev. 5.4
Lead	0.031 mg/L	0.015	12/27/16 9:26	2/1/17 23:59	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AI

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-108-CF	12/4/16 8:23	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.55 mg/L	1.3	12/27/16 9:26	2/2/17 0:01	dtm	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	12/27/16 9:26	2/2/17 0:01	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



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

February 10, 2017

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

PROJECT: Berkshire

TRACE ID: T16L163-AJ

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-109-CF	12/4/16 8:20	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	12/27/16 9:26	2/2/17 0:04	dtm	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	12/27/16 9:26	2/2/17 0:04	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AK

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-110-CF	12/4/16 8:22	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.2 mg/L	1.3	12/27/16 9:26	2/2/17 17:38	dtm	EPA 200.8 Rev. 5.4
Lead	0.013 mg/L	0.015	12/27/16 9:26	2/2/17 0:07	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AL

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-111-CF	12/4/16 8:21	eb/nws/jjs	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	2.1 mg/L	1.3	12/27/16 9:26	2/2/17 17:40	dtm	EPA 200.8 Rev. 5.4
Lead	0.023 mg/L	0.015	12/27/16 9:26	2/2/17 0:15	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager



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

February 10, 2017

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

PROJECT: Berkshire

TRACE ID: T16L163-AM

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-112-KF	12/4/16 8:38	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	12/27/16 9:26	2/2/17 0:18	dtm	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	12/27/16 9:26	2/2/17 0:18	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AN

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-113-KF	12/4/16 8:39	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	12/27/16 9:26	2/2/17 0:20	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/27/16 9:26	2/2/17 0:20	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L163-AO

Sample Point Description	Collected	Collected By	Received at Laboratory			
BK-114-KF	12/4/16 8:40	eb/nws/js	12/9/16 14:55			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	12/27/16 9:26	2/2/17 0:23	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/27/16 9:26	2/2/17 0:23	dtm	EPA 200.8 Rev. 5.4

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Jon Mink
 Senior Project Manager

Birmingham Schools Fixture Inventory

Page 1 of

Building: Derkshire

Date Collected: 12/1/16
Sampler's Initials: EJS, NNS, JS

Trace ID: T12463
Logged by: JS
Checked by: GH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	6:45	BK-01-BF	Custodial Office	2739	Y	Br, Cu	
2		BK-02-EW	Pool Filter Rm	2740	N	Cu, G	No eye wash
3	6:50	BK-03-BF	PE Office- Boy's	2741	Y	Br, Cu	
4		BK-04-BF	Boy's Locker Rm- Left	2742	Y	Br, Cu	No Out of order
5		BK-05-BF	Boy's Locker Rm- Right	2742	Y	Br, Cu	
6		BK-06-DS	Boy's Locker Rm	2743	N	Unknown	
7		BK-07-EW	Boy's Locker Rm	2744	N	Unknown	No eye wash
8	6:54	BK-08-CF	Rm 125	2745	N	Unknown	
9	6:56	BK-09-DF	Across from Rm 124-Left	2746	N	Unknown	
10	6:59	BK-10-DF	Across from Rm 124- Right	2746	N	Unknown	
11		BK-11-BF	Boy's by Rm 124-Left	2747	Y	Br, Cu	
12		BK-12-BF	Boy's by Rm 124- Right	2747	Y	Br, Cu	
13		BK-13-BF	Unisex by Rm 124	2748	Y	Br, Cu	
14		BK-14-BF	Girl's by Rm 124- Left	2749	Y	Br, Cu	
15		BK-15-BF	Girl's by Rm 124- Right	2749	Y	Br, Cu	
16	7:04	BK-16-CF	Rm 120 North Sink-1	2750	N	Br, Cu	
17		BK-17-CF	Rm 120 North Sink-2	2750	N	Br, Cu	} right from previous sink
18		BK-18-CF	Rm 120 North Sink-3	2750	N	Br, Cu	
19		BK-19-CF	Rm 120 South Sink-1	2751	N	Br, Cu	
20		BK-20-CF	Rm 120 South Sink-2	2751	N	Br, Cu	} left
21		BK-21-CF	Rm 120 South Sink-3	2751	N	Br, Cu	
22		BK-22-CF	Rm 120- Island	2752	N	Br, Cu	
23	7:05	BK-23-DF	Outside Rm 120	2753	N	Unknown	
24		BK-24-CF	Rm 119/120 Flask Sink	2754	N	Br, Cu	WASH WASH
25		BK-25-CF	Rm 119/120 Prep Rm	2755	N	Br, Cu	to right of door sink
26	7:13	BK-26-CF x	Rm 119 Station 4-1	2756	N	Br, Cu	See page 3 no
27		BK-27-CF x	Rm 119 Station 4-2	2756	N	Br, Cu	Station identification
28		BK-28-CF x	Rm 119 Station 5-1	2757	N	Br, Cu	
29		BK-29-CF x	Rm 119 Station 5-2	2757	N	Br, Cu	
30		BK-30-CF x	Rm 119 Station 6-1	2758	N	Br, Cu	
31		BK-31-CF x	Rm 119 Station 6-2	2758	N	Br, Cu	
32		BK-32-CF x	Rm 119 Station 1-1	2759	N	Br, Cu	
33		BK-33-CF x	Rm 119 Station 1-2	2759	N	Br, Cu	
34		BK-34-CF x	Rm 119 Station 2-1	2760	N	Br, Cu	
35		BK-35-CF x	Rm 119 Station 2-2	2760	N	Br, Cu	
36		BK-36-CF x	Rm 119 Station 3-1	2761	N	Br, Cu	
37		BK-37-CF x	Rm 119 Station 3-2	2761	N	Br, Cu	
38	7:15	BK-38-DF	Hall by 119	2762	B	Unknown	
39		BK-39-BF	Girl's by 119-Left	2763	Y	Br, Cu	
40		BK-40-BF	Girl's by 119- Left Middle	2763	Y	Br, Cu	
41		BK-41-BF	Girl's by 119-Right Middle	2763	Y	Br, Cu	

Released by: [Signature]

Received by: [Signature]

Date: 12/1/16 Time: 14:55

Birmingham Schools Fixture Inventory

Building: Berkshire

Date Collected: 12/1/16
 Sampler's Initials: EB, NWS, JS

Trace ID: TIGL163
 Logged by: JS
 Checked by: GH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
42	7:15	BK-42-BF	Girl's by 119-Right	2763	Y	Br, Cu	
43	7:15	BK-43-DS	Custodial Rm by 119	2764	N	Unknown	
44	7:41	BK-44-CF	Rm 118-Left Wall- Left	2765/66	N	Br, Cu	
45		BK-45-CF	Rm 118-Left Wall-Right	2767/68	N	Br, Cu	
46		BK-46-CF	Rm 118-Back Wall- Left	2769/70	N	Br, Cu	
47		BK-47-CF	Rm 118-Back Wall-Left Middle	2771	N	Br, Cu	
48		BK-48-CF	Rm 118-Back Wall-Right Middle	2772/73	N	Br, Cu	
49		BK-49-CF	Rm 118-Back Wall- Right	2774/75	N	Br, Cu	
50		BK-50-CF	Rm 118-Right Wall- Left	2776/77	N	Br, Cu	
51		BK-51-CF	Rm 118-Right Wall-Right	2778/79	N	Br, Cu	
52		BK-52-CF	Rm 118- Teacher's Sink	2780	N	Br, Cu	
53	7:22	BK-53-CF	Rm 118- Prep Rm	2781	N	Br, Cu	
54	7:26	BK-54-CF	Rm 116-Right Wall-Right	2782/83	N	Br, Cu	
55		BK-55-CF	Rm 116-Right Wall-Left	2784/85	N	Br, Cu	
56		BK-56-CF	Rm 116-Back Wall-Right	2786/87	N	Br, Cu	
57		BK-57-CF	Rm 116-Back Wall-Right Middle	2788/89	N	Br, Cu	
58		BK-58-CF	Rm 116-Back Wall-Left Middle	2790/91	N	Br, Cu	
59		BK-59-CF	Rm 116- Back Wall- Left	2792/93	N	Br, Cu	
60		BK-60-CF	Rm 116-Left Wall- Right	2794/95	N	Br, Cu	
61		BK-61-CF	Rm 116-Left Wall- Left	2796/97	N	Br, Cu	
62		BK-62-CF	Rm 116- Teacher's Sink	2798/99	N	Br, Cu	
63	7:27	BK-63-CF	Rm 116- Prep Rm	2800/01	N	Br, Cu	
64	7:30	BK-64-CF	Rm 114-Right Wall-Right	2802/03	N	Br, Cu	
65		BK-65-CF	Rm 114-Right Wall-Left	2804/05	N	Br, Cu	
66		BK-66-CF	Rm 114-Back Wall- Right	2806/07	N	Br, Cu	
67		BK-67-CF	Rm 114-Back Wall-Right Middle	2808/09	N	Br, Cu	
68		BK-68-CF	Rm 114-Back Wall-Left Middle	2810/11	N	Br, Cu	
69		BK-69-CF	Rm 114-Back Wall-Left	2812/13	N	Br, Cu	
70		BK-70-CF	Rm 114-Left Wall-Right	2814/15	N	Br, Cu	
71		BK-71-CF	Rm 114-Left Wall- Left	2816/17	N	Br, Cu	
72		BK-72-CF	Rm 114-Teacher's Sink	2818	N	Br, Cu	Out of Service
73		BK-73-DF	Hall by 113	2819	N	Unknown	out of service
74	7:33	BK-74-BF	Boy's by 113-Left	2820	Y	Br, Cu	
75		BK-75-BF	Boy's by 113-Left Middle	2820	Y	Br, Cu	
76		BK-76-BF	Boy's by 113-Right Middle	2820	Y	Br, Cu	
77		BK-77-BF	Boy's by 113-Right	2820	Y	Br, Cu	
78		BK-78-DS	Custodial Rm by 113	2821	N	Unknown	
79	7:34	BK-79-CF	Rm 113	2822/23	Y	Br, Cu	
80	7:35	BK-80-CF	Rm 110	2824/25	Y	Br, Cu	
81	7:39	BK-81-DF	Outside 205	2826	N	Unknown	
82	7:40	BK-82-DS	Custodial by 205	2827	N	Unknown	

Released by: [Signature] Received by: [Signature] Date: 12/1/16 Time: 14:55

Birmingham Schools Fixture Inventory

Page 3 of _____

Building: Berkshire

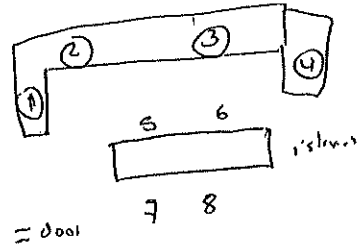
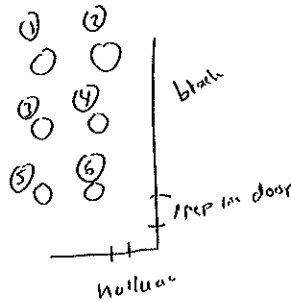
Date Collected: 12/1/16
Sampler's Initials: EJB, MWS, JS

Trace ID: TTGL163
Logged by: JS
Checked by: G/J

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
83	9:12	BK-83-BF	Boy's by 205-Left	2828	Y	Br, Cu	
84		BK-84-BF	Boy's by 205-Left Middle	2828	Y	Br, Cu	
85		BK-85-BF	Boy's by 205-Right Middle	2828	Y	Br, Cu	
86		BK-86-BF	Boy's by 205-Right	2828	Y	Br, Cu	
87		BK-87-BF	Girl's by 213-Left	2829	Y	Br, Cu	
88		BK-88-BF	Girl's by 213-Left Middle	2829	Y	Br, Cu	
89		BK-89-BF	Girl's by 213-Right Middle	2829	Y	Br, Cu	

Rm 119

Rm 103



Released by: [Signature] Received by: [Signature]

Date: 12/1/16 Time: 14:55



the science of compliance

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

Birmingham Schools Fixture Inventory

Page 4 of _____

Building: Berkshire

Date Collected: 12/1/16
 Sampler's Initials: EFB, NWS, JS

Trace ID: T16L163
 Logged by: JS
 Checked by: EFB

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
83	7:12	BK-83-BF	Boy's by 205-Left	2828	Y	Br, Cu	
84		BK-84-BF	Boy's by 205-Left Middle	2828	Y	Br, Cu	
85		BK-85-BF	Boy's by 205-Right Middle	2828	Y	Br, Cu	
86		BK-86-BF	Boy's by 205-Right	2828	Y	Br, Cu	
87		BK-87-BF	Girl's by 213-Left	2829	Y	Br, Cu	
88		BK-88-BF	Girl's by 213-Left Middle	2829	Y	Br, Cu	
89		BK-89-BF	Girl's by 213-Right Middle	2829	Y	Br, Cu	
90	9:05	BK-90-BF	Girl's by 213-Right	2829	Y	Br, Cu	
91	9:06	BK-91-DF	Hall by 213	2830	N	Unknown	
92	9:16	BK-92-DS	Custodial Rm by 213	2831	N	Unknown	
93	no sample	BK-93-DF	Hall by 215	2832	N	Unknown	
94	8:09	BK-94-KF	Teacher's Lounge	2833/34	Y	Br, Cu	
95	9:01	BK-95-KF	Media Center Lounge	2835/36	Y	Br, Cu	
96	8:10	BK-96-BF	Women's by Teacher Lounge-L	2837	Y	Br, Cu	
97	9:11	BK-97-BF	Women's by Teacher Lounge-R	2837	Y	Br, Cu	
98	8:12	BK-98-BF	Men's by 101-Left	2838	Y	Br, Cu	
99	8:13	BK-99-BF	Men's by 101-Right	2838	Y	Br, Cu	
AA	8:14	BK-100-DF	Hall by 101	2839	N	Unknown	
AB	8:15	BK-101-Bottle	Hall by 101	2839	N	Unknown	
AC	8:08	BK-102-BF	Unisex by Office	2840	Y	Br, Cu	
AD	8:14	BK-103-CF	Rm 101-Front	2841	Y	Br, Cu	
AE	8:14	BK-104-CF	Rm 101- Back Right	2842/43	Y	Br, Cu	
AF	8:18	BK-105-CF	Rm 101-Back Middle	2844/45	Y	Br, Cu	
AG	8:17	BK-106-CF	Rm 101-Back Left	2846	Y	Br, Cu	
AH	8:20	BK-107-CF	Rm 102-Right Wall-Right	2847	Y	Br, Cu	
AI	8:23	BK-108-CF	Rm 102-Right Wall- Left	2848	Y	Br, Cu	
AJ	8:20	BK-109-CF	Rm 102-Front	2849	Y	Br, Cu	
AK	8:22	BK-110-CF	Rm 102-Left Wall-Right	2850	Y	Br, Cu	
AL	8:21	BK-111-CF	Rm 102-Left Wall-Left	2851	Y	Br, Cu	
AM	8:26	BK-112-KF	Kitchen Triple Sink-Left	2853/54	N	Br, Cu	
AN	8:27	BK-113-KF	Kitchen Triple Sink-Middle	2853/54	N	Br, Cu	
AO	8:40	BK-114-KF	Kitchen Triple Sink-Right	2853/54	N	Br, Cu	
AP	8:41	BK-115-KF	Kitchen Deep Sink	2855/56	Y	Br, Cu	
AQ	8:48	BK-116-KF	Kitchen Double Sink-Left	2857/58	N	Br, Cu	
AR	8:49	BK-117-KF	Kitchen Double Sink-Right	2857/58	Y	Br, Cu	
AS	8:44	BK-118-HS	Kitchen	2859	Y	Br, Cu	
AT	8:45	BK-119-DS	Kitchen-Custodial Rm	2860	N	Unknown	
AU	8:46	BK-120-BF	Kitchen-Women's	2861/62	Y	Br, Cu	
AV	8:42	BK-121-KF	Kitchen- Island	2863/64	Y	Br, Cu	
AW	no sample	BK-122-HS	Snack Rm	2865	Y	Br, Cu	
AX	8:37	BK-123-DF	Cafeteria	2866	N	Unknown	

Released by:

Received by:

Date: 12/1/16 Time: 14:55



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

Birmingham Schools Fixture Inventory

Page 5 of

Building: Berkshire

Date Collected: 12/16
 Sampler's Initials: JB, NWS, JS

Trace ID: TL6163
 Logged by: JS
 Checked by: GH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
124	8 ⁵⁵	BK-124-CF	Rm 107	2867/68	Y	Br, Cu	
125	8 ⁵⁶	BK-125-CF	Rm 108-1	2869/70	Y	Br, Cu	
126	8 ⁵⁷	BK-126-CF	Rm 108-2	2871/72	Y	Br, Cu	
127	9 ⁰¹	BK-127-CF	Rm 108-6	2873/74	Y	Br, Cu	
128	9 ⁰⁰	BK-128-CF	Rm 108-5	2875/76	Y	Br, Cu	
129	8 ⁵⁷	BK-129-CF	Rm 108-3	2877/78	Y	Br, Cu	
130	8 ⁵⁷	BK-130-CF	Rm 108-4	2879/80	Y	Br, Cu	
131	9 ⁰³	BK-131-CF	Rm 108-Island- Right	2881/82	Y	Br, Cu	
132	9 ⁰²	BK-132-CF	Rm 108-Island-Left	2883/84	Y	Br, Cu	
133	6 ⁵⁸	BK-133-DS	Main Office-Custodial	2885	N	Unknown	
134	8 ⁰⁶	BK-134-BF	Main Office Restroom	2886	Y	Br, Cu	
135	8 ⁰⁵	BK-135-KF	Main Office Breakroom	2887/88	Y	Br,Cu, P	
136	8 ⁰⁷	BK-136-BF	Main Office Clinic	2889	Y	Br, Cu	
137	8 ⁰³	BK-137-DF	Gym-East-Left	2890	N	Unknown	
138	no sample	BK-138-DF	Gym-East-Right	2890	N	Unknown	No water pressure
139	8 ⁰¹	BK-139-DF	Gym-West-Left	2891	N	Unknown	
140	8 ⁰²	BK-140-DF	Gym-West-Right	2891	N	Unknown	
141	7 ⁰³	BK-141-DF	Pool-West	2892	N	Unknown	
142	7 ⁵⁵	BK-142-DF	Pool-East	2893	N	Unknown	
143	7 ⁵⁰	BK-143-DF	Rm 128	2894	N	Unknown	
144	7 ⁵⁷	BK-144-HS	Rm 128	2895	N	Unknown	
145	7 ⁵⁸	BK-145-DF	Rm 129	2896	N	Unknown	
146	7 ⁵⁹	BK-146-HS	Rm 129	2897	N	Unknown	
147	8 ⁰⁰	BK-147-DF	Rm 130	2898	Y	Br, Cu	
148	7 ⁰⁰	BK-148-BF	Girl's Locker-Left	2899	Y	Br, Cu	
149	7 ⁰¹	BK-149-BF	Girl's Locker-Right	2899	Y	Br, Cu	
150	7 ⁰²	BK-150-DS	Girl's Locker- Custodial	2900	N	Unknown	
151	6 ⁵¹	BK-151-BF	Girl's Locker PE Office	2901	Y	Br, Cu	
DE	8-43	BK-152-KF	Steam Kettle				

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

DF no sample BK-153-HS Back of Kitchen out of service

Released by: [Signature]

Received by: [Signature]

Date: 12/16 Time: 11:55

Birmingham Schools Chain-of-Custody Record

Building: Berkshire

Date Collected: 12/1/16
Sampler's Initials: E.B., N.D.S., J.S.

Trace ID: T161163
Logged by: J.S.
Checked by: G.D.

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
152		9:20	A-1 Custodial Booth				
153			A-2				
154			A-3				
155			A-4				
156			A-5				
157			A-6				
158			A-7				
159			A-8				
160			A-9				
161			A-10				
162		9:25	B-1 <i>boys by 12th A.</i>				
163			B-2				
164			B-3				
165			B-4				
166			B-5				
167			B-6				
168			B-7				
169			B-8				
170			B-9				
171			B-10				
172		9:30	C-1 (M-102)				
173			C-2				
174			C-3				
175			C-4				
176			C-5				
177			C-6				
178			C-7				
179			C-8				
180			C-9				
181		9:35	C-10				

Released by: [Signature] Received by: [Signature] Date: 12/1/16 Time: 11:55

SAMPLE LOG IN CHECKLIST

Trace ID #: 1761-163 Date: 12/1/16 Package Description: Cooler Temperature: 20.0
 Client Name: Birmingham - Berkshire Time: 14:55 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier UPS FED EX US Mail

Name of delivery person: Evan Brunster

Tracking Number: Not Applicable
 Tracking #: _____

COC Seals present and intact on cooler? No Yes Not Applicable

Custody seals signed by Client? No Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used
 Slurry w/ crushed, cubed, or chip ice?
 Multiple bags of ice around samples?
 Ice Packs/ Blue Ice:
 No Coolant Present:

Ice still present upon receipt (circle one):
 Yes No N/A

Cooler Temperature
 Correction Factors: • Digital Stick Thermometer CF = -0.4°C
 • IR Thermometer Glass CF = -0.1°
 • IR Thermometer Plastic CF = +1.1°C

Temperature Blank: None °C (Digital Stick Thermometer)
 Range of 3 samples: 20.0 °C (IR Plastic or IR Glass - Circle one)
 Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Each sample point is in a sealed plastic bag?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
pH checked and samples at correct pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Below*
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was project manager called and samples discussed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Notes: _____

*EMD pH Test Strips Used:
 pH 0-2.5 Lot: HC563733 pH 11.0-13.0 Lot: HC547320
 Other: _____

Lot: HC563733 verified 01/21/16 AY
 Lot: HC547320 verified 01/30/16 AY

