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State of Michigan Laboratory ID: 8001

February 01, 2017

Mr. Stephen King
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MEADOW LAKE

PROJECT: Meadow Lake

TRACE ID: T16L060-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-01-CF	12/3/16 7:49	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.46 mg/L	1.3	12/9/16 11:48	1/25/17 4:30	dtm	EPA 200.8 Rev. 5.4
Lead	0.0073 mg/L	0.015	12/9/16 11:48	1/25/17 4:30	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-02-B	12/3/16 7:49	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	12/9/16 11:48	1/25/17 4:33	dtm	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	12/9/16 11:48	1/25/17 4:33	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-03-CF	12/3/16 7:49	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	12/9/16 11:48	1/25/17 4:36	dtm	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	12/9/16 11:48	1/25/17 4:36	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-04-B	12/3/16 7:49	eb/nws/js	***12/5/16 18:13***

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	12/9/16 11:48	1/25/17 4:38	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/9/16 11:48	1/25/17 4:38	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-07-CF	12/3/16 7:52	eb/nws/js	***12/5/16 18:13***

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	12/9/16 11:48	1/25/17 4:49	dtm	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	12/9/16 11:48	1/25/17 4:49	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-08-B	12/3/16 7:52	eb/nws/js	***12/5/16 18:13***

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.089 mg/L	1.3	12/9/16 11:48	1/25/17 4:52	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:48	1/25/17 4:52	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-09-CF	12/3/16 7:52	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.7 mg/L	**1.3**	12/9/16 11:48	1/25/17 13:46	dtm	**EPA 200.8 Rev. 5.4**
Lead	0.042 mg/L	**0.015**	12/9/16 11:48	1/25/17 4:54	dtm	**EPA 200.8 Rev. 5.4**

TRACE ID: T16L060-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-10-B	12/3/16 7:52	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.2 mg/L	1.3	12/9/16 11:48	1/25/17 13:49	dtm	EPA 200.8 Rev. 5.4
Lead	0.0071 mg/L	0.015	12/9/16 11:48	1/25/17 4:57	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-11-CF	12/3/16 7:54	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.0 mg/L	1.3	1/27/17 12:35	1/27/17 15:03	dtm	EPA 200.8 Rev. 5.4
Lead	0.23 mg/L	**0.015**	1/27/17 12:35	1/27/17 15:03	dtm	**EPA 200.8 Rev. 5.4**

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PROJECT: Meadow Lake

TRACE ID: T16L060-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-12-B	12/3/16 7:54	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.62 mg/L	1.3	12/9/16 11:48	1/25/17 5:00	dtm	EPA 200.8 Rev. 5.4
Lead	0.031 mg/L	**0.015**	12/9/16 11:48	1/25/17 5:00	dtm	**EPA 200.8 Rev. 5.4**

TRACE ID: T16L060-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-13-CF	12/3/16 7:54	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	12/9/16 11:48	1/25/17 5:03	dtm	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	12/9/16 11:48	1/25/17 5:03	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-14-B	12/3/16 7:54	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	12/9/16 11:48	1/25/17 5:05	dtm	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	12/9/16 11:48	1/25/17 5:05	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-15-CF	12/3/16 7:59	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	12/9/16 11:48	1/25/17 5:08	dtm	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	12/9/16 11:48	1/25/17 5:08	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-16-B	12/3/16 7:59	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	12/9/16 11:48	1/25/17 5:11	dtm	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	12/9/16 11:48	1/25/17 5:11	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-20-CF	12/3/16 7:59	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.71 mg/L	1.3	12/9/16 11:50	1/25/17 14:21	dtm	EPA 200.8 Rev. 5.4
Lead	0.013 mg/L	0.015	12/9/16 11:50	1/25/17 14:21	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-21-B	12/3/16 7:59	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.35 mg/L	1.3	12/9/16 11:50	1/25/17 14:27	dtm	EPA 200.8 Rev. 5.4
Lead	0.023 mg/L	**0.015**	12/9/16 11:50	1/25/17 14:27	dtm	**EPA 200.8 Rev. 5.4**

TRACE ID: T16L060-46

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-46-CF	12/3/16 8:18	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	12/9/16 11:52	1/25/17 15:36	dtm	EPA 200.8 Rev. 5.4
Lead	0.017 mg/L	**0.015**	12/9/16 11:52	1/25/17 15:36	dtm	**EPA 200.8 Rev. 5.4**

TRACE ID: T16L060-48

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-48-BF	12/3/16 8:18	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.50 mg/L	1.3	12/9/16 11:52	1/25/17 15:39	dtm	EPA 200.8 Rev. 5.4
Lead	0.029 mg/L	**0.015**	12/9/16 11:52	1/25/17 15:39	dtm	**EPA 200.8 Rev. 5.4**

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PROJECT: Meadow Lake

TRACE ID: T16L060-49

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-49-CF	12/3/16 8:20	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	12/9/16 11:52	1/25/17 15:42	dtm	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	12/9/16 11:52	1/25/17 15:42	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-50

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-50-B	12/3/16 8:20	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	12/9/16 11:52	1/25/17 15:56	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	12/9/16 11:52	1/25/17 15:56	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-51

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-51-CF	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	12/9/16 11:52	1/25/17 15:58	dtm	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	12/9/16 11:52	1/25/17 15:58	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-52

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-52-B	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	12/9/16 11:52	1/25/17 16:01	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:01	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-53

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-53-CF	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	12/9/16 11:52	1/25/17 16:04	dtm	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:04	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-54

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-54-B	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.052 mg/L	1.3	12/9/16 11:52	1/25/17 16:06	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:06	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-55

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-55-CF	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	12/9/16 11:52	1/25/17 16:09	dtm	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	12/9/16 11:52	1/25/17 16:09	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-56

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-56-B	12/3/16 8:23	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	12/9/16 11:52	1/25/17 16:12	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:12	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-57

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-57-CF	12/3/16 8:27	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	12/9/16 11:52	1/25/17 16:14	dtm	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	12/9/16 11:52	1/25/17 16:14	dtm	EPA 200.8 Rev. 5.4

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TRACE ID: T16L060-58

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-58-B	12/3/16 8:27	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.078 mg/L	1.3	12/9/16 11:52	1/25/17 16:17	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:17	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-59

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-59-CF	12/3/16 8:29	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.084 mg/L	1.3	12/9/16 11:52	1/25/17 16:20	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:20	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-60

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-60-B	12/3/16 8:29	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	12/9/16 11:52	1/25/17 16:28	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:28	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-61

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-61-CF	12/3/16 8:29	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.053 mg/L	1.3	12/9/16 11:52	1/25/17 16:30	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:30	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-62

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-62-B	12/3/16 8:29	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	12/9/16 11:52	1/25/17 16:33	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 11:52	1/25/17 16:33	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-63

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-63-CF	12/3/16 8:34	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.42 mg/L	1.3	12/9/16 11:52	1/25/17 16:36	dtm	EPA 200.8 Rev. 5.4
Lead	0.0027 mg/L	0.015	12/9/16 11:52	1/25/17 16:36	dtm	EPA 200.8 Rev. 5.4

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February 01, 2017

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PROJECT: Meadow Lake

TRACE ID: T16L060-65

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-65-BF	12/3/16 8:34	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.091 mg/L	1.3	12/9/16 12:35	1/25/17 16:44	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 16:44	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-66

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-66-BF	12/3/16 8:34	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.047 mg/L	1.3	12/9/16 12:35	1/25/17 16:49	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 16:49	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-67

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-67-KF	12/3/16 8:34	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.097 mg/L	1.3	12/9/16 12:35	1/25/17 16:52	dtm	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	12/9/16 12:35	1/25/17 16:52	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-68

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-68-DF	12/3/16 8:36	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.066 mg/L	1.3	12/9/16 12:35	1/25/17 17:06	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:06	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-69

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-69-KF	12/3/16 8:36	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	12/9/16 12:35	1/25/17 17:09	dtm	EPA 200.8 Rev. 5.4
Lead	0.017 mg/L	**0.015**	12/9/16 12:35	1/25/17 17:09	dtm	**EPA 200.8 Rev. 5.4**

TRACE ID: T16L060-70

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-70-BF	12/3/16 8:36	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	12/9/16 12:35	1/25/17 17:11	dtm	EPA 200.8 Rev. 5.4
Lead	0.0034 mg/L	0.015	12/9/16 12:35	1/25/17 17:11	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-71

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-71-BF	12/3/16 8:36	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.066 mg/L	1.3	12/9/16 12:35	1/25/17 17:14	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:14	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-73

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-73-BF	12/3/16 8:36	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.094 mg/L	1.3	12/9/16 12:35	1/25/17 17:19	dtm	EPA 200.8 Rev. 5.4
Lead	0.0053 mg/L	0.015	12/9/16 12:35	1/25/17 17:19	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-80

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-1	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	12/9/16 12:35	1/25/17 17:38	dtm	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	12/9/16 12:35	1/25/17 17:38	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-81

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-2	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.068 mg/L	1.3	12/9/16 12:35	1/25/17 17:41	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:41	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-82

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-3	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.044 mg/L	1.3	12/9/16 12:35	1/25/17 17:43	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:43	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-83

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-4	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:35	1/25/17 17:46	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:46	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-84

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-5	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:35	1/25/17 17:49	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:49	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-85

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-6	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:35	1/25/17 17:51	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:35	1/25/17 17:51	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-86

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-7	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:37	1/25/17 17:59	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 17:59	dtm	EPA 200.8 Rev. 5.4

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TRACE ID: T16L060-87

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-8	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:37	1/25/17 18:16	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:16	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-88

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-9	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:37	1/25/17 18:19	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:19	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-89

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-A-10	12/3/16 8:45	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	12/9/16 12:37	1/25/17 18:21	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:21	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-90

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-1	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	12/9/16 12:37	1/25/17 18:24	dtm	EPA 200.8 Rev. 5.4
Lead	0.0041 mg/L	0.015	12/9/16 12:37	1/25/17 18:24	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-91

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-2	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	12/9/16 12:37	1/25/17 18:27	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:27	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-92

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-3	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	12/9/16 12:37	1/25/17 18:30	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:30	dtm	EPA 200.8 Rev. 5.4

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TRACE ID: T16L060-93

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-4	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	12/9/16 12:37	1/25/17 18:32	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:32	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-94

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-5	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	12/9/16 12:37	1/25/17 18:35	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:35	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-95

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-6	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	12/9/16 12:37	1/25/17 18:38	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:38	dtm	EPA 200.8 Rev. 5.4

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TRACE ID: T16L060-96

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-7	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	12/9/16 12:37	1/25/17 18:40	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/25/17 18:40	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-97

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-8	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	12/9/16 12:37	1/25/17 18:54	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/26/17 10:43	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T16L060-98

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-9	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.036 mg/L	1.3	12/9/16 12:37	1/25/17 18:57	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/26/17 10:46	dtm	EPA 200.8 Rev. 5.4

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PROJECT: Meadow Lake

TRACE ID: T16L060-99

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
ML-B-10	12/3/16 8:50	eb/nws/js	*12/5/16 18:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	12/9/16 12:37	1/25/17 19:00	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/9/16 12:37	1/26/17 10:49	dtm	EPA 200.8 Rev. 5.4

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Birmingham Schools Fixture Inventory

Building: Meadow Lake

Date Collected: 12/3/16
Sampler's Initials: EB, NWS, JS

Trace ID: T6L060
Logged by: JS
Checked by: CH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	7:49	ML-01-CF	Rm 19	3389/90	Y	Br, Cu	
2		ML-02-B	Rm 19	3389/90	N	Br, Cu	
3		ML-03-CF	Rm 18	3391/92	Y	Br, Cu	
4		ML-04-B	Rm 18	3391/92	N	Br, Cu	
5	7:50	ML-05-CF	Rm across Rm 18	3393/94	Y	Br, Cu	
6		~~ML-06-B~~	~~Rm across Rm 18~~	3393/94	N	Br, Cu	Out of Order
7	7:52	ML-07-CF	Rm 17	3395/96	Y	Br, Cu	
8		ML-08-B	Rm 17	3395/96	N	Br, Cu	
9		ML-09-CF	Rm 17-Backroom	3397/98	Y	Br, Cu	
10		ML-10-B	Rm 17-Backroom	3397/98	N	Br, Cu	
11	7:54	ML-11-CF	Rm across Rm 17	3399/400	Y	Br, Cu	
12		ML-12-B	Rm across Rm 17	3399/400	N	Br, Cu	
13		ML-13-CF	French Rm by 17	3401/02	Y	Br, Cu	
14		ML-14-B	French Rm by 17	3401/02	N	Br, Cu	
15	7:55	ML-15-CF	Rm 18-FA	3403/04	Y	Br, Cu	
16		ML-16-B	Rm 18-FA	3403/04	N	Br, Cu	
17		ML-17-CF	Rm 16-FA	3405/06	Y	Br,Cu	
18		ML-18-B	Rm 16-FA	3405/06	N	Br, Cu	
19		ML-19-BF	Rm 16-FA	3407	Y	Br, Cu	
20		ML-20-CF	Rm 17-FA	3408/09	Y	Br, Cu	
21		ML-21-B	Rm 17-FA	3408/09	N	Br, Cu	Low flow small sample
22	8:01	ML-22-DF	By Boy's Restroom-Exit 9	3410	N	Unknown	
23		~~ML-23-BF~~	~~Boy's Restroom by Exit 9-Left~~	3411	Y	Br, Cu	Out of order
24		~~ML-24-BF~~	~~Boy's Restroom by Exit 9-Middle~~	3411	Y	Br, Cu	Out of order
25		ML-25-BF	Boy's Restroom by Exit 9-Right	3411	Y	Br, Cu	
26	8:03	ML-26-CF	Rm 13- Old AI	3412/13	Y	Br, Cu	
27		ML-27-B	Rm 13- Old AI	3412/13	N	Br, Cu	
28		ML-28-CF	Rm 12- Old AI	3414/15	Y	Br, Cu	
29		ML-29-B	Rm 12- Old AI	3414/15	N	Br, Cu	
30	8:05	ML-30-CF	Rm 11- Old AI	3416/17	Y	Br, Cu	
31		ML-31-B	Rm 11- Old AI	3416/17	N	Br, Cu	
32		ML-32-CF	Rm 10- Old AI	3418/19	Y	Br, Cu	
33		ML-33-B	Rm 10- Old AI	3418/19	N	Br, Cu	
34	8:10	ML-34-CF	Rm 14- Office-Old AI	3420/21	Y	Br, Cu	
~~35~~		~~ML-35-B~~	~~Rm 14-Office-Old AI~~	3420/21	N	Br, Cu	NO faucet inside from inventory
36	8:10	ML-36-DS	Custodial Rm-Old AI	3422	N	Unknown	
37		ML-37-BF	Unisex-Old AI	3423	N	Br, Cu	
38	8:11	ML-38-DF	Old AI Hall by Women's	3424	N	Unknown	
39		ML-39-BF	Old AI- Women's- Left	3425	Y	Br, Cu	

Released by: _____ Received by: _____ Date: 12/5/16 Time: 18:13

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Birmingham Schools Fixture Inventory

Building: Meadow Lake

Date Collected: 12/5/16
Sampler's Initials: EB, NWS, JS

Trace ID: T16L060
Logged by: JS
Checked by: CH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
40	8:11	ML-40-BF	~~Old Al-Women's- Middle~~	3425	Y	Br, Cu	Out of order
41	〃	ML-41-BF	Old Al- Women's- Right	3425	Y	Br, Cu	
42	8:12	ML-42-KF	Teacher's Lounge	3426/27	T	Br, Cu	
43	〃	ML-43-DS	Custodial Rm by Teacher's Lounge	3428	U	Unknown	
44	8:18	ML-44-CF	Rm 8- Arts & Crafts	3429/30	Y	Br, Cu	
45	|	ML-45-B	Rm 8- Arts & Crafts	3429/30	N	Br, Cu	
46	|	ML-46-CF	Rm 9- Daily Living	3431/32	Y	Br, Cu, P	
47	|	~~ML-47-B~~	~~Rm 9- Daily Living~~	~~3431/32~~	~~N~~	~~Br, Cu, P~~	No faucet remove from inventory
48	〃	ML-48-BF	Rm 9- Daily Living	3433	Y	Br, Cu	
49	8:20	ML-49-CF	Rm 7-FS	3434/35	Y	Br, Cu	
50	〃	ML-50-B	Rm 7-FS	3434/35	N	Br, Cu	
51	8:23	ML-51-CF	Rm 1-FS	3436/37	Y	Br, Cu	
52	|	ML-52-B	Rm 1-FS	3436/37	N	Br, Cu	
53	|	ML-53-CF	Rm 3	3438/39	Y	Br, Cu	
54	|	ML-54-B	Rm 3	3438/39	N	Br, Cu	
55	|	ML-55-CF	Rm 2	3440/41	Y	Br, Cu	
56	〃	ML-56-B	Rm 2	3440/41	N	Br, Cu	
57	8:27	ML-57-CF	Rm 4	3442/43	Y	Br, Cu	
58	〃	ML-58-B	Rm 4	3442/43	N	Br, Cu	
59	8:29	ML-59-CF	Rm 5	3444/45	Y	Br, Cu	
60	|	ML-60-B	Rm 5	3444/45	N	Br, Cu	
61	|	ML-61-CF	Rm 6	3446/47	Y	Br, Cu	
62	〃	ML-62-B	Rm 6	3446/47	N	Br, Cu	
63	8:34	ML-63-CF	FSD Office	3448/49	Y	Br, Cu	
64	|	~~ML-64-B~~	~~FSD Office~~	~~3448/49~~	N	Br, Cu	Out of order
65	|	ML-65-BF	FSD Office	3450	Y	Br,Cu	
66	|	ML-66-BF	FSD Office Restroom	3451	Y	Br, Cu	Off of breakroom
67	〃	ML-67-KF	FSD Office Breakroom	3452/53	Y	Br, Cu	
68	8:36	ML-68-DF	Main Entrance by 7A	3454	N	Unknown	
69	|	ML-69-KF	Rm 7A	3455/56	Y	Br, Cu	
70	|	ML-70-BF	Rm 7A	3457	Y	Br, Cu	
71	|	ML-71-BF	Girl's by 7A	3458	Y	Br, Cu	Changed to BF
72	|	ML-72-DS	Custodial Rm Main Entrance	3459	N	Unknown	
73	〃	ML-73-BF	Boy's by 7A	3460	Y	Br, Cu	
74	8:40	ML-74-BF	Kitchen	3461	Y	Br, Cu	
75	|	ML-75-HS	Kitchen Handsink	3462	Y	Br, Cu	
76	|	ML-76-KF	Kitchen-Deep Sink	3463/64	Y	Br, Cu	
77	|	~~ML-77-KF~~	~~Kitchen-Wall Faucet~~	3465	N	Unknown	Out of order
78	〃	ML-78-BF	Boiler Rm	3466	Y	Br, Cu	

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Birmingham Schools Fixture Inventory

Building: **Meadow Lake**

Date Collected: 12/5/16
Sampler's Initials: EB, NNS, JS

Trace ID: TL4060
Logged by: JS
Checked by: EV

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
79	8:25	ML-79-DS	Custodial between Rms 1 & 2				

Abbreviations:
B= Classroom Bubbler
BF= Bathroom Faucet
Bottle= Bottle Filler
CF= Classroom Faucet
DF= Drinking Fountain
DS= Deep Sink
EW= Eye Wash

Connecting Plumbing:
Br= Brass
Cu= Copper
G= Galvanized
P= Plastic
SS= Stainless Steel

Released by:_____ Received by: _____ Date: 12/5/16 Time: 18:13

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Birmingham Schools Chain-of-Custody Record

Building: Meadow Lake

Date Collected: 12/3/16
Sampler's Initials: EB, NNS, JS

Trace ID: TTL-060
Logged by: JS
Checked by: CH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
80		8:45	A-1 Room B1				
81			A-2				
82			A-3				
83			A-4				
84			A-5				
85			A-6				
86			A-7				
87			A-8				
88			A-9				
89			A-10				
90		8:50	B-1 99-DS				
91			B-2				
92			B-3				
93			B-4				
94			B-6				
95			B-7				
96			B-8				
97			B-9				
98			B-10				
99		8:55	C-1 Rm 11 KF or CF				
AA			C-2				
AB			C-3				
AC			C-4				
AD			C-5				
AE			C-6				
AF			C-7				
AG			C-8				
AH			C-9				
AI		9:00	C-10				

Released by: _____ Received by: _____ Date: 12/5/16 Time: 13:13

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SAMPLE LOG IN CHECKLIST

Trace ID #: TTL-060 Date: 10/5/16 Package Description: Cooler Temperature: 20.0

Client Name: Birmingham-Meadow Lakes Time: 18:13 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X] Hand delivered [ ] Commercial courier [ ] Name of delivery person: Evan Brewer

UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable

Tracking #:

COC Seals present and intact on cooler? No [ ] Yes [ ] [X] 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: [X]

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 21.7 °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?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
pH checked and samples at correct pH?	X			See Below*
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC563733 [ ] pH 11.0-13.0 Lot: HC547328

[ ] Other:

Lot: HC563733 verified 6/21/16 AY

Lot: HC547328 verified 6/30/16 AY