Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

24 December 2019

Michael Hamill
ECS-Chantilly
14026 Thunderbolt Place, Suite 100
Chantilly, VA 20151
RE: ACPS-TC

Enclosed are the results of analyses for samples received by the laboratory on 12/19/19 17:50.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Brewington
President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-01-C109-S		9121928-01	Drinking Water	12/19/19 04:10	12/19/19 17:50
TC-02-C109-S		9121928-02	Drinking Water	12/19/19 04:11	12/19/19 17:50
TC-03-C109-S		9121928-03	Drinking Water	12/19/19 04:12	12/19/19 17:50
TC-04-C109-S		9121928-04	Drinking Water	12/19/19 04:12	12/19/19 17:50
TC-05-C109-Bath S		9121928-05	Drinking Water	12/19/19 04:15	12/19/19 17:50
TC-06-C109-Bath S		9121928-06	Drinking Water	12/19/19 04:16	12/19/19 17:50
TC-07-C109-S		9121928-07	Drinking Water	12/19/19 04:17	12/19/19 17:50
TC-08-C100S		9121928-08	Drinking Water	12/19/19 04:17	12/19/19 17:50
TC-09-C100S		9121928-09	Drinking Water	12/19/19 04:18	12/19/19 17:50
TC-10-C100S		9121928-10	Drinking Water	12/19/19 04:19	12/19/19 17:50
TC-11-C100S		9121928-11	Drinking Water	12/19/19 04:20	12/19/19 17:50
TC-12-C100S		9121928-12	Drinking Water	12/19/19 04:21	12/19/19 17:50
TC-13-C100S		9121928-13	Drinking Water	12/19/19 04:22	12/19/19 17:50
TC-14-C100S		9121928-14	Drinking Water	12/19/19 04:23	12/19/19 17:50
TC-15-C100S		9121928-15	Drinking Water	12/19/19 04:24	12/19/19 17:50
TC-16-C100S		9121928-16	Drinking Water	12/19/19 04:25	12/19/19 17:50
TC-17-C100S		9121928-17	Drinking Water	12/19/19 04:26	12/19/19 17:50
TC-18-C100S		9121928-18	Drinking Water	12/19/19 04:27	12/19/19 17:50
TC-19-C100S		9121928-19	Drinking Water	12/19/19 04:28	12/19/19 17:50
TC-20-C100S		9121928-20	Drinking Water	12/19/19 04:29	12/19/19 17:50
TC-21-C100S		9121928-21	Drinking Water	12/19/19 04:30	12/19/19 17:50
TC-22-C100S		9121928-22	Drinking Water	12/19/19 04:31	12/19/19 17:50
TC-23-C100S		9121928-23	Drinking Water	12/19/19 04:31	12/19/19 17:50
TC-24-C100S		9121928-24	Drinking Water	12/19/19 04:32	12/19/19 17:50
TC-25-C100S		9121928-25	Drinking Water	12/19/19 04:32	12/19/19 17:50

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-26-C100S		9121928-26	Drinking Water	12/19/19 04:32	12/19/19 17:50
TC-27-C100GS		9121928-27	Drinking Water	12/19/19 04:34	12/19/19 17:50
TC-28-C100HS		9121928-28	Drinking Water	12/19/19 04:35	12/19/19 17:50
TC-29-C116S		9121928-29	Drinking Water	12/19/19 04:36	12/19/19 17:50
TC-30-SSC-S		9121928-30	Drinking Water	12/19/19 04:37	12/19/19 17:50
TC-31-Dressing S		9121928-31	Drinking Water	12/19/19 04:40	12/19/19 17:50
TC-32-Dressing S		9121928-32	Drinking Water	12/19/19 04:41	12/19/19 17:50
TC-33-Hall L B		9121928-33	Drinking Water	12/19/19 04:44	12/19/19 17:50
TC-34-Hall R B		9121928-34	Drinking Water	12/19/19 04:44	12/19/19 17:50
TC-35-Hall Bub L		9121928-35	Drinking Water	12/19/19 04:47	12/19/19 17:50
TC-36-Hall Bub R		9121928-36	Drinking Water	12/19/19 04:47	12/19/19 17:50
TC-37-Hall Bottle		9121928-37	Drinking Water	12/19/19 04:48	12/19/19 17:50
TC-38-Hall Bub R2		9121928-38	Drinking Water	12/19/19 04:49	12/19/19 17:50
TC-39-Hall Bub L		9121928-39	Drinking Water	12/19/19 04:50	12/19/19 17:50
TC-40-Hall Bub R		9121928-40	Drinking Water	12/19/19 04:50	12/19/19 17:50
TC-41-Office Bub L		9121928-41	Drinking Water	12/19/19 04:52	12/19/19 17:50
TC-42-Office Bub R		9121928-42	Drinking Water	12/19/19 04:53	12/19/19 17:50
TC-43-A108S		9121928-43	Drinking Water	12/19/19 04:54	12/19/19 17:50
TC-44-A106S		9121928-44	Drinking Water	12/19/19 04:55	12/19/19 17:50
TC-45-Office Bath L		9121928-45	Drinking Water	12/19/19 04:57	12/19/19 17:50
TC-46-Office Bath R		9121928-46	Drinking Water	12/19/19 04:57	12/19/19 17:50
TC-47-A102J		9121928-47	Drinking Water	12/19/19 05:00	12/19/19 17:50

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-01-C109-S

9121928-01 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**131**		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:54	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:54	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-02-C109-S

9121928-02 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**23.1**		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:56	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:56	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-03-C109-S

9121928-03 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**174**		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:58	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 01:58	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-04-C109-S

9121928-04 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**107**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:03	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:03	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-05-C109-Bath S

9121928-05 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**228**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:04	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:04	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-06-C109-Bath S

9121928-06 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**232**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:06	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:06	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-07-C109-S

9121928-07 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**108**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:07	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:07	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-08-C100S

9121928-08 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**83.5**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:09	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:09	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-09-C100S

9121928-09 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**106**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:11	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:11	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-10-C100S

9121928-10 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**129**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:12	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:12	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-11-C100S

9121928-11 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**193**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:24	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:24	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-12-C100S

9121928-12 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**85.6**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:25	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:25	VVD

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Reported:
12/24/19 13:54

TC-13-C100S

9121928-13 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**65.6**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:27	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:27	VVD

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Reported:
12/24/19 13:54

TC-14-C100S

9121928-14 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**69.5**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:28	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:28	VVD

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Reported:
12/24/19 13:54

TC-15-C100S

9121928-15 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**147**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:30	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:30	VVD

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Reported:
12/24/19 13:54

TC-16-C100S

9121928-16 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**377**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:32	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:32	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-17-C100S

9121928-17 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**153**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:33	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:33	VVD

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Project: ACPS-TC

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Reported:
12/24/19 13:54

TC-18-C100S

9121928-18 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**271**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:35	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:35	VVD

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Project: ACPS-TC

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Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-19-C100S

9121928-19 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**111**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:36	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:36	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-20-C100S

9121928-20 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**119**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:41	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:41	VVD

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-21-C100S

9121928-21 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**265**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:49	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:49	VVD

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Will Brewington, President

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-22-C100S

9121928-22 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**427**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:51	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:51	VVD

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Will Brewington, President

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-23-C100S

9121928-23 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**68.2**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:53	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:53	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-24-C100S

9121928-24 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**42.8**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:54	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:54	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-25-C100S

9121928-25 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**86.7**		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:56	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 02:56	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-26-C100S

9121928-26 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**298**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:01	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:01	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-27-C100GS

9121928-27 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**63.3**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:02	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:02	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-28-C100HS

9121928-28 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**243**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:04	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:04	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-29-C116S

9121928-29 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**227**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:06	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:06	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-30-SSC-S

9121928-30 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**317**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:07	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:07	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-31-Dressing S

9121928-31 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**173**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:15	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:15	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-32-Dressing S

9121928-32 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**106**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:20	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:20	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-33-Hall L B

9121928-33 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**72.6**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:22	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:22	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-34-Hall R B

9121928-34 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**75.6**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:24	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:24	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-35-Hall Bub L

9121928-35 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**27.7**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:25	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:25	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-36-Hall Bub R

9121928-36 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**27.8**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:27	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:27	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-37-Hall Bottle

9121928-37 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**14.5**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:29	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:29	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-38-Hall Bub R2

9121928-38 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**15.3**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:30	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:30	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-39-Hall Bub L

9121928-39 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**21.3**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:32	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:32	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-40-Hall Bub R

9121928-40 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**23.6**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:33	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:33	VVD

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-41-Office Bub L

9121928-41 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**114**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:45	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:45	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-42-Office Bub R

9121928-42 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**107**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:47	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:47	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-43-A108S

9121928-43 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**72.5**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:48	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:48	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-44-A106S

9121928-44 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**225**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:50	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:50	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-45-Office Bath L

9121928-45 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**164**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:51	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:51	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-46-Office Bath R

9121928-46 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**155**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:53	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:53	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TC-47-A102J

9121928-47 (Drinking Water)
Sample Date: 12/19/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.8-No Digestion Metals									
Copper	**253**		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:55	VVD
Lead	ND		ug/L	1.00	1.00	1	12/21/19	12/22/19 03:55	VVD

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TOTAL METALS ANALYSIS BY EPA 200.8 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B912391 - 200.8-No Digestion Metals										
Blank (B912391-BLK1)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912391-BLK2)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912391-BLK3)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912391-BLK4)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912391-BLK5)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
LCS (B912391-BS1)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	9.67		1.00	ug/L	10.0		97	80-120		
Lead	9.26		1.00	ug/L	10.0		93	80-120		
LCS (B912391-BS2)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	9.64		1.00	ug/L	10.0		96	80-120		
Lead	9.29		1.00	ug/L	10.0		93	80-120		
LCS (B912391-BS3)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	9.63		1.00	ug/L	10.0		96	80-120		
Lead	9.30		1.00	ug/L	10.0		93	80-120		

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TOTAL METALS ANALYSIS BY EPA 200.8 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B912391 - 200.8-No Digestion Metals										
LCS (B912391-BS4)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	9.73		1.00	ug/L	10.0		97	80-120		
Lead	9.31		1.00	ug/L	10.0		93	80-120		
LCS (B912391-BS5)					Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	9.58		1.00	ug/L	10.0		96	80-120		
Lead	9.27		1.00	ug/L	10.0		93	80-120		
Duplicate (B912391-DUP1)		**Source: 9121928-01**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	131		1.00	ug/L		131			0.4	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912391-DUP2)		**Source: 9121928-11**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	192		1.00	ug/L		193			0.4	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912391-DUP3)		**Source: 9121928-21**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	264		1.00	ug/L		265			0.5	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912391-DUP4)		**Source: 9121928-31**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	173		1.00	ug/L		173			0.1	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912391-DUP5)		**Source: 9121928-41**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	115		1.00	ug/L		114			0.4	20
Lead	ND		1.00	ug/L		ND				20
Matrix Spike (B912391-MS1)		**Source: 9121928-01**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	140		1.00	ug/L	10.0	131	87	80-120		
Lead	10.3		1.00	ug/L	10.0	ND	103	80-120		

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410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

TOTAL METALS ANALYSIS BY EPA 200.8 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B912391 - 200.8-No Digestion Metals										
Matrix Spike (B912391-MS2)		**Source: 9121928-11**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	199	QM-4X	1.00	ug/L	10.0	193	58	80-120		
Lead	10.2		1.00	ug/L	10.0	ND	102	80-120		
Matrix Spike (B912391-MS3)		**Source: 9121928-21**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	269	QM-4X	1.00	ug/L	10.0	265	43	80-120		
Lead	9.70		1.00	ug/L	10.0	ND	97	80-120		
Matrix Spike (B912391-MS4)		**Source: 9121928-31**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	177	QM-4X	1.00	ug/L	10.0	173	47	80-120		
Lead	9.51		1.00	ug/L	10.0	ND	95	80-120		
Matrix Spike (B912391-MS5)		**Source: 9121928-41**			Prepared: 12/21/19 Analyzed: 12/22/19					
Copper	121	QM-4X	1.00	ug/L	10.0	114	70	80-120		
Lead	9.52		1.00	ug/L	10.0	ND	95	80-120		

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MD DW LabID 153

Project: ACPS-TC

Project Number: 47:1519-K
Project Manager: Michael Hamill

Reported:
12/24/19 13:54

Notes and Definitions

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
%-Solids	Percent Solids is a supportive test and as such does not require accredidation

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Will Brewington, President

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

ECS Mid-Atlantic, LLC	Project Manager: Michael Hamill
Project Name: ACPS Water Sampling	Project ID: 47:1519-K
Sampler(s): ACF/MPH	P.O. Number: 47:1519-K

Matrix Codes: NW (nonpotable water), PW (potable water)

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8DW-Cu)	Analysis Requested	Preservative: 1 + 1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
TC-1-C109-S	12/19	4:10	X			1				HNO_3	pH:	9121928-01
TC-2-C109-S		4:11	X			1				HNO_3	pH:	-02
TC-3-C109-S		4:12	X			1				HNO_3	pH:	-03
TC-4-C109-S		4:12	X			1				HNO_3	pH:	-04
TC-5-C109-BathS		4:15	X			1				HNO_3	pH:	-05
TC-6-C109-BathS		4:16	X			1				HNO_3	pH:	-06
TC-7-C109-S		4:17	X			1				HNO_3	pH:	-07
TC-8-C100S		4:17	X			1				HNO_3	pH:	-08
TC-9-C100S		4:18	X			1				HNO_3	pH:	-09
TC-10-C100S		4:19	X			1				HNO_3	pH:	-10

Relinquished by: (Signature) Anna Francesca	Date/Time 12/19/19 8:00	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Anna Francesca		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 12/19/19 1750	Received by Lab: (Signature)	Turn Around Time:	Lab Use:	
(Printed)		(Printed) Samantha Dhan	☐ Normal (7 day) ☐ 5 day ☐ 4 day ☒ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 19 °C ☐ Received on Ice ☑ Received same day ☐ Preservation Appropriate	

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: ____

Special Instructions/QC Requirements & Comments:

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for ____ days

MSS-F001-03/13

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

ECS Mid-Atlantic, LLC	Project Manager: Michael Hamill
Project Name: ACPS Water Sampling	Project ID: 47:1519-K
Sampler(s): ACF/MPH	P.O. Number: 47:1519-K

Matrix Codes: NW (nonpotable water), PW (potable water)

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8DW-Cu)	Preservative: 1+1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
TC-11-C100S	12/19	4:20	X			1			HNO_3	pH:	9121928-11
TC-12-C100S		4:21	X			1			HNO_3	pH:	-12
TC-13-C100S		4:22	X			1			HNO_3	pH:	-13
TC-14-C100S		4:23	X			1			HNO_3	pH:	-14
TC-15-C100S		4:24	X			1			HNO_3	pH:	-15
TC-16-C100S		4:25	X			1			HNO_3	pH:	-16
TC-17-C100S		4:26	X			1			HNO_3	pH:	-17
TC-18-C100S		4:27	X			1			HNO_3	pH:	-18
TC-19-C100S		4:28	X			1			HNO_3	pH:	-19
TC-20-C100S		4:29	X			1			HNO_3	pH:	-20

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Anna Francisco	12/19/19 8:00	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)	12/19/19 1750	(Printed) Samantha Adams			

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☒ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Lab Use:
Temp: 19 °C
- ☐ Received on Ice
- ☑ Received same day
- ☐ Preservation Appropriate

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: _____

Special Instructions/QC Requirements & Comments:

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for _____ days

MSS-F001-03/13

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdsspectral.com

Matrix Codes: NW (nonpotable water)
PW (potable water)

ECS Mid-Atlantic, LLC	Project Manager: Michael Hamill
Project Name: ACPS Water Sampling	Project ID: 47:1519-K
Sampler(s): ACF/MPH	P.O. Number: 47:1519-K

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8DW-Cu)	Preservative: 1+1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
TC-21-C1005	12/19	4:30	X			1			HNO_3	pH:	9121928-21
TC-22-C1005		4:31	X			1			HNO_3	pH:	-22
TC-23-C1005		4:31	X			1			HNO_3	pH:	-23
TC-24-C1005		4:32	X			1			HNO_3	pH:	-24
TC-25-C1005		4:32	X			1			HNO_3	pH:	-25
TC-26-C1005		4:32	X			1			HNO_3	pH:	-26
TC-27-C10065		4:34	X			1			HNO_3	pH:	-27
TC-28-C10015		4:35	X			1			HNO_3	pH:	-28
TC-29-C1165		4:36	X			1			HNO_3	pH:	-29
TC-30-SSC-5		4:37	X			1			HNO_3	pH:	-30

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Anna Francisca	12/19/19 8:00	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)	12/19/19 1750	(Printed) Samantha Thar			

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☒ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Lab Use:
Temp: 19 °C
- ☐ Received on Ice
- ☑ Received same day
- ☐ Preservation Appropriate

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for _____ days

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: _____

Special Instructions/QC Requirements & Comments:

MSS-F001-03/13

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

ECS Mid-Atlantic, LLC	Project Manager: Michael Hamill
Project Name: ACPS Water Sampling	Project ID: 47:1519-K
Sampler(s): ACF/MPH	P.O. Number: 47:1519-K

Matrix Codes: NW (nonpotable water), PW (potable water)

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8DW-Cu)	Preservative: 1+1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
TC-31-DressingS	12/19	4:40	x			1			HNO_3	pH:	9121928-31
TC-32-DressingS		4:41	x			1			HNO_3	pH:	-32
TC-33 - HallBB		4:44	x			1			HNO_3	pH:	-33
TC-34 - HallRB		4:44	x			1			HNO_3	pH:	-34
TC-35 - HallBubL		4:47	x			1			HNO_3	pH:	-35
TC-36- HallBubR		4:47	x			1			HNO_3	pH:	-36
TC-37 - HallBottle		4:48	x			1			HNO_3	pH:	-37
TC-38 - HallBubR2		4:49	x			1			HNO_3	pH:	-38
TC-39 - HallBubL		4:50	x			1			HNO_3	pH:	-39
TC-40 - HallBubR	↓	4:50	x			1			HNO_3	pH:	-40

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature) / Date/Time / Received by: (Signature)
(Printed) Anna Francesa	12/19/19 8:00	(Printed)	(Printed) / (Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)	
(Printed)	1750 12/19/19	(Printed) Samantha Schram	

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☒ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: ____
- ☐ Specific Due Date: ____

Lab Use:
Temp: 19 °C
- ☐ Received on Ice
- ☑ Received same day
- ☐ Preservation Appropriate

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: ____

Special Instructions/QC Requirements & Comments:

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for ____ days

MSS-F001-03/13

CHAIN-OF-CUSTODY RECORD

ECS Mid-Atlantic, LLC	Project Manager: Michael Hamill
Project Name: ACPS Water Sampling	Project ID: 47:1519-K
Sampler(s): ACF/MPH	P.O. Number: 47:1519-K

Analysis Requested

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

Matrix Codes: NW (nonpotable water)
PW (potable water)

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8DW-Cu)	Preservative: 1 + 1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
TC-41 - Office Bob L	12/19	4:52	X			1			HNO_3	pH:	9121928-41
TC-43 - A1085		4:54	X			1			HNO_3	pH:	-43
TC-44 - A1065		4:55	X			1			HNO_3	pH:	-44
TC-45 - Office Bath L		4:52	X			1			HNO_3	pH:	-45
TC-46 - Office Bath R		4:57	X			1			HNO_3	pH:	-46
TC-47 - A1025		5:00	X			1			HNO_3	pH:	-47
~~TC-48~~			~~X~~			~~1~~			HNO_3	pH:	
~~TC-49~~			~~X~~			~~1~~			HNO_3	pH:	
~~TC-50~~			~~X~~			~~1~~			HNO_3	pH:	
TC - 42 - Office Bob R		4:53	X			1			HNO_3	pH:	9121928-42

Relinquished by: (Signature) ACF	Date/Time 12/19/19 8:00	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) ~~Anna Francisco~~ Anna Francisco		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 1750 12/19/19	Received by Lab: (Signature)	Turn Around Time:	Lab Use:	
(Printed)		(Printed) Samantha Khan	☐ Normal (7 day) ☐ 5 day ☐ 4 day ☒ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 19 °C ☐ Received on Ice ☑ Received same day ☐ Preservation Appropriate	

Delivery Method: ☒ Courier ☐ Client ☐ UPS ☐ FedEx ☐ USPS ☐ Other:	Special Instructions/QC Requirements & Comments:	Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive for ____ days

MSS-F001-03/13