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

27 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 12/20/19 13:20.

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
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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-48-Café Bub L		9122012-01	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-49-Café Bub R		9122012-02	Drinking Water	12/20/19 04:23	12/20/19 13:20
TC-50-129 FS		9122012-03	Drinking Water	12/20/19 04:23	12/20/19 13:20
TC-51-B127S		9122012-04	Drinking Water	12/20/19 04:28	12/20/19 13:20
TC-52-B127S		9122012-05	Drinking Water	12/20/19 04:28	12/20/19 13:20
TC-53-B127S		9122012-06	Drinking Water	12/20/19 04:28	12/20/19 13:20
TC-54-B127S		9122012-07	Drinking Water	12/20/19 04:28	12/20/19 13:20
TC-55-B127S		9122012-08	Drinking Water	12/20/19 04:28	12/20/19 13:20
TC-56-Hall Bub L		9122012-09	Drinking Water	12/20/19 04:31	12/20/19 13:20
TC-57-Hall Bub R		9122012-10	Drinking Water	12/20/19 04:31	12/20/19 13:20
TC-58-B110 S		9122012-11	Drinking Water	12/20/19 04:33	12/20/19 13:20
TC-59-B110 Bottle		9122012-12	Drinking Water	12/20/19 04:33	12/20/19 13:20
TC-60-Hall Bottle		9122012-13	Drinking Water	12/20/19 04:37	12/20/19 13:20
TC-61-Hall Bub		9122012-14	Drinking Water	12/20/19 04:37	12/20/19 13:20
TC-62-B134S		9122012-15	Drinking Water	12/20/19 04:37	12/20/19 13:20
TC-63-B134S		9122012-16	Drinking Water	12/20/19 04:37	12/20/19 13:20
TC-64-131S		9122012-17	Drinking Water	12/20/19 04:41	12/20/19 13:20
TC-65-131S		9122012-18	Drinking Water	12/20/19 04:41	12/20/19 13:20
TC-66-131S		9122012-19	Drinking Water	12/20/19 04:41	12/20/19 13:20
TC-67-Hall Bub L		9122012-20	Drinking Water	12/20/19 04:45	12/20/19 13:20
TC-68-Hall Bub M		9122012-21	Drinking Water	12/20/19 04:45	12/20/19 13:20
TC-69-Hall Bub R		9122012-22	Drinking Water	12/20/19 04:45	12/20/19 13:20
TC-70-E109 S		9122012-23	Drinking Water	12/20/19 04:45	12/20/19 13:20
TC-71-E113 S		9122012-24	Drinking Water	12/20/19 04:51	12/20/19 13:20
TC-72-E115 S		9122012-25	Drinking Water	12/20/19 04:51	12/20/19 13:20



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-73-E115 Bub		9122012-26	Drinking Water	12/20/19 04:51	12/20/19 13:20
TC-74-E115 S		9122012-27	Drinking Water	12/20/19 04:51	12/20/19 13:20
TC-75-E118 S		9122012-28	Drinking Water	12/20/19 04:51	12/20/19 13:20
TC-76-E117 S		9122012-29	Drinking Water	12/20/19 04:51	12/20/19 13:20
TC-77-E117B S		9122012-30	Drinking Water	12/20/19 04:57	12/20/19 13:20
TC-78-E165 R		9122012-31	Drinking Water	12/20/19 04:58	12/20/19 13:20
TC-79-E165 L		9122012-32	Drinking Water	12/20/19 04:58	12/20/19 13:20
TC-80-E121A S		9122012-33	Drinking Water	12/20/19 05:01	12/20/19 13:20
TC-81-Hall Bub L		9122012-34	Drinking Water	12/20/19 05:03	12/20/19 13:20
TC-82-Hall Bub R		9122012-35	Drinking Water	12/20/19 05:03	12/20/19 13:20
TC-83-E111 S		9122012-36	Drinking Water	12/20/19 05:03	12/20/19 13:20
TC-84-E122 D		9122012-37	Drinking Water	12/20/19 05:06	12/20/19 13:20
TC-85-E123 Bub L		9122012-38	Drinking Water	12/20/19 05:06	12/20/19 13:20
TC-86-E123 Bub R		9122012-39	Drinking Water	12/20/19 05:06	12/20/19 13:20
TC-87-E124 Bub L		9122012-40	Drinking Water	12/20/19 05:08	12/20/19 13:20
TC-88-E124 Bub R		9122012-41	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-89-E125 S L		9122012-42	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-90-E125 S M		9122012-43	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-91-E125 S R		9122012-44	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-92-E125 Bub L		9122012-45	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-93-E125 Bub R		9122012-46	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-94-E125 S		9122012-47	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-95-E125 S		9122012-48	Drinking Water	12/20/19 05:11	12/20/19 13:20
TC-96-E130 S L		9122012-49	Drinking Water	12/20/19 05:15	12/20/19 13:20
TC-145-E130 S M		9122012-50	Drinking Water	12/20/19 05:15	12/20/19 13:20
TC-97--A224F S		9122012-51	Drinking Water	12/20/19 00:00	12/20/19 13:20

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-98-A218 TDS		9122012-52	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-99-A218 S1		9122012-53	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-100-A218 S2		9122012-54	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-101-A218 S3		9122012-55	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-102-A218 S4		9122012-56	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-103-A218 S6		9122012-57	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-104-A218 S5		9122012-58	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-105-A218 LS		9122012-59	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-106-HallW1 by A217		9122012-60	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-107-HallW2 by A217		9122012-61	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-108-A216 TDS		9122012-62	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-109-A216 S1		9122012-63	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-110-A216 S2		9122012-64	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-111-A216 S3		9122012-65	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-112-A216 S4		9122012-66	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-113-A216 S5		9122012-67	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-114-A216 S6		9122012-68	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-115-A201 S		9122012-69	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-116-A201 RS		9122012-70	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-117-HallW by A232		9122012-71	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-118-HallW by A232		9122012-72	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-119-C201 S		9122012-73	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-120-C201 RS		9122012-74	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-121-C204 S1		9122012-75	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-122-C204 S2		9122012-76	Drinking Water	12/20/19 00:00	12/20/19 13:20



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Reported:
12/27/19 11:20

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-123-C207 S1		9122012-77	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-124-C207 S2		9122012-78	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-125-C210 S1		9122012-79	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-126-C210 S2		9122012-80	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-127-C210 S3		9122012-81	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-128-C210 S4		9122012-82	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-129-C211 S1		9122012-83	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-130-C211 S2		9122012-84	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-131- C211 S3		9122012-85	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-132-C211 S4		9122012-86	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-133-C214 S1		9122012-87	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-134-C214 S2		9122012-88	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-135-C214 S3		9122012-89	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-136-C214 S4		9122012-90	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-137-C215 S		9122012-91	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-138-C215 RS		9122012-92	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-139-Hall W by B229		9122012-93	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-140-Hall J by B229		9122012-94	Drinking Water	12/20/19 04:23	12/20/19 13:20

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-48-Café Bub L

9122012-01 (Drinking Water)
Sample Date: 12/20/19

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	**37.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:44	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:44	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-49-Café Bub R

9122012-02 (Drinking Water)
Sample Date: 12/20/19

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	**45.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:45	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:45	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-50-129 FS

9122012-03 (Drinking Water)
Sample Date: 12/20/19

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	**260**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:47	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:47	VVD



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Project: ACPS-TC

Project Number: 47:1519-K
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Reported:
12/27/19 11:20

TC-51-B127S

9122012-04 (Drinking Water)
Sample Date: 12/20/19

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	**508**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:48	VVD
Lead	**3.19**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:48	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-52-B127S

9122012-05 (Drinking Water)
Sample Date: 12/20/19

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	**719**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:53	VVD
Lead	**2.37**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:53	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
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Reported:
12/27/19 11:20

TC-53-B127S

9122012-06 (Drinking Water)
Sample Date: 12/20/19

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	**397**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:55	VVD
Lead	**1.07**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:55	VVD

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Project: ACPS-TC

Project Number: 47:1519-K
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Reported:
12/27/19 11:20

TC-54-B127S

9122012-07 (Drinking Water)
Sample Date: 12/20/19

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	**840**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:57	VVD
Lead	**2.09**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:57	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-55-B127S

9122012-08 (Drinking Water)
Sample Date: 12/20/19

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									
Lead	**25.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 16:58	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-55-B127S

9122012-08RE1 (Drinking Water)
Sample Date: 12/20/19

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	**1130**		ug/L	10.0	10.0	10	12/23/19	12/24/19 13:12	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-56-Hall Bub L

9122012-09 (Drinking Water)
Sample Date: 12/20/19

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	**40.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:00	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:00	VVD

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Project: ACPS-TC

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Reported:
12/27/19 11:20

TC-57-Hall Bub R

9122012-10 (Drinking Water)
Sample Date: 12/20/19

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	**44.7**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:02	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:02	VVD

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Reported:
12/27/19 11:20

TC-58-B110 S

9122012-11 (Drinking Water)
Sample Date: 12/20/19

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	**72.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:13	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:13	VVD



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Project Manager: Michael Hamill

Reported:
12/27/19 11:20

TC-59-B110 Bottle

9122012-12 (Drinking Water)
Sample Date: 12/20/19

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	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:15	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:15	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-60-Hall Bottle

9122012-13 (Drinking Water)
Sample Date: 12/20/19

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	**28.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:16	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:16	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-61-Hall Bub

9122012-14 (Drinking Water)
Sample Date: 12/20/19

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	**26.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:18	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:18	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-62-B134S

9122012-15 (Drinking Water)
Sample Date: 12/20/19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
TOTAL METALS ANALYSIS BY EPA 200.8 Prepared by 200.2-Digested Metals									
Copper	**307**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:20	VVD
Lead	**8.51**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:20	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-63-B134S

9122012-16 (Drinking Water)
Sample Date: 12/20/19

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	**121**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:20	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:20	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-64-131S

9122012-17 (Drinking Water)
Sample Date: 12/20/19

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	**627**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:21	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:21	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-65-131S

9122012-18 (Drinking Water)
Sample Date: 12/20/19

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	**187**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:23	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:23	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-66-131S

9122012-19 (Drinking Water)
Sample Date: 12/20/19

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	**204**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:25	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:25	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-67-Hall Bub L

9122012-20 (Drinking Water)
Sample Date: 12/20/19

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	**28.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:26	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:26	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-68-Hall Bub M

9122012-21 (Drinking Water)
Sample Date: 12/20/19

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	**35.7**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:28	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:28	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-69-Hall Bub R

9122012-22 (Drinking Water)
Sample Date: 12/20/19

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	**41.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:39	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:39	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-70-E109 S

9122012-23 (Drinking Water)
Sample Date: 12/20/19

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	**301**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:41	VVD
Lead	**2.75**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:41	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-71-E113 S

9122012-24 (Drinking Water)
Sample Date: 12/20/19

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	**63.2**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:43	VVD
Lead	**2.01**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:43	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-72-E115 S

9122012-25 (Drinking Water)
Sample Date: 12/20/19

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	**88.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:44	VVD
Lead	**2.16**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:44	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-73-E115 Bub

9122012-26 (Drinking Water)
Sample Date: 12/20/19

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	**45.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:46	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:46	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-74-E115 S

9122012-27 (Drinking Water)
Sample Date: 12/20/19

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	**109**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:47	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:47	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-75-E118 S

9122012-28 (Drinking Water)
Sample Date: 12/20/19

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	**216**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:52	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:52	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-76-E117 S

9122012-29 (Drinking Water)
Sample Date: 12/20/19

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	12/23/19	12/23/19 17:54	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:54	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-77-E117B S

9122012-30 (Drinking Water)
Sample Date: 12/20/19

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	**103**		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:56	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:56	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-78-E165 R

9122012-31 (Drinking Water)
Sample Date: 12/20/19

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	12/23/19	12/23/19 17:57	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 17:57	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-79-E165 L

9122012-32 (Drinking Water)
Sample Date: 12/20/19

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	**93.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:05	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:05	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-80-E121A S

9122012-33 (Drinking Water)
Sample Date: 12/20/19

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	**85.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:07	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:07	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-81-Hall Bub L

9122012-34 (Drinking Water)
Sample Date: 12/20/19

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	**32.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:12	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:12	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-82-Hall Bub R

9122012-35 (Drinking Water)
Sample Date: 12/20/19

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	12/23/19	12/23/19 18:14	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:14	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-83-E111 S

9122012-36 (Drinking Water)
Sample Date: 12/20/19

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	**218**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:15	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:15	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-84-E122 D

9122012-37 (Drinking Water)
Sample Date: 12/20/19

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	**156**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:17	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:17	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-85-E123 Bub L

9122012-38 (Drinking Water)
Sample Date: 12/20/19

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	**18.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:19	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:19	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-86-E123 Bub R

9122012-39 (Drinking Water)
Sample Date: 12/20/19

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	**18.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:20	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:20	VVD



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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:
12/27/19 11:20

TC-87-E124 Bub L

9122012-40 (Drinking Water)
Sample Date: 12/20/19

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	**25.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:22	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:22	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-88-E124 Bub R

9122012-41 (Drinking Water)
Sample Date: 12/20/19

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	**24.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:24	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:24	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-89-E125 S L

9122012-42 (Drinking Water)
Sample Date: 12/20/19

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	**170**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:35	VVD
Lead	**1.69**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:35	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-90-E125 S M

9122012-43 (Drinking Water)
Sample Date: 12/20/19

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	**140**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:37	VVD
Lead	**2.14**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:37	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-91-E125 S R

9122012-44 (Drinking Water)
Sample Date: 12/20/19

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	12/23/19	12/23/19 18:38	VVD
Lead	**8.49**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:38	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-92-E125 Bub L

9122012-45 (Drinking Water)
Sample Date: 12/20/19

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	**59.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:40	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:40	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-93-E125 Bub R

9122012-46 (Drinking Water)
Sample Date: 12/20/19

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	**69.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:42	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:42	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-94-E125 S

9122012-47 (Drinking Water)
Sample Date: 12/20/19

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	**310**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:43	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:43	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-95-E125 S

9122012-48 (Drinking Water)
Sample Date: 12/20/19

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	**247**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:45	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:45	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-96-E130 S L

9122012-49 (Drinking Water)
Sample Date: 12/20/19

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	**206**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:46	VVD
Lead	**1.23**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:46	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-145-E130 S M

9122012-50 (Drinking Water)
Sample Date: 12/20/19

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	**260**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:51	VVD
Lead	**1.25**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:51	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-97--A224F S

9122012-51 (Drinking Water)
Sample Date: 12/20/19

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	**192**		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:53	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 18:53	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-98-A218 TDS

9122012-52 (Drinking Water)
Sample Date: 12/20/19

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	**73.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:01	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:01	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-99-A218 S1

9122012-53 (Drinking Water)
Sample Date: 12/20/19

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	**64.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:03	VVD
Lead	**1.78**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:03	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-100-A218 S2

9122012-54 (Drinking Water)
Sample Date: 12/20/19

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	**56.3**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:04	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:04	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-101-A218 S3

9122012-55 (Drinking Water)
Sample Date: 12/20/19

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	**69.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:06	VVD
Lead	**1.09**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:06	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-102-A218 S4

9122012-56 (Drinking Water)
Sample Date: 12/20/19

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	**63.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:11	VVD
Lead	**2.05**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:11	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-103-A218 S6

9122012-57 (Drinking Water)
Sample Date: 12/20/19

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	**77.2**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:13	VVD
Lead	**1.86**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:13	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-104-A218 S5

9122012-58 (Drinking Water)
Sample Date: 12/20/19

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	**99.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:14	VVD
Lead	**1.76**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:14	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-105-A218 LS

9122012-59 (Drinking Water)
Sample Date: 12/20/19

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	**61.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:16	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:16	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-106-HallW1 by A217

9122012-60 (Drinking Water)
Sample Date: 12/20/19

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	**48.2**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:18	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:18	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-107-HallW2 by A217

9122012-61 (Drinking Water)
Sample Date: 12/20/19

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	**47.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:19	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:19	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-108-A216 TDS

9122012-62 (Drinking Water)
Sample Date: 12/20/19

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	**931**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:31	VVD
Lead	**23.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:31	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-109-A216 S1

9122012-63 (Drinking Water)
Sample Date: 12/20/19

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	**50.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:32	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:32	VVD

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Baltimore MD 21227
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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-110-A216 S2

9122012-64 (Drinking Water)
Sample Date: 12/20/19

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	**57.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:34	VVD
Lead	**2.05**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:34	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-111-A216 S3

9122012-65 (Drinking Water)
Sample Date: 12/20/19

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	**67.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:36	VVD
Lead	**3.00**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:36	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-112-A216 S4

9122012-66 (Drinking Water)
Sample Date: 12/20/19

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	**57.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:37	VVD
Lead	**1.91**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:37	VVD



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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:
12/27/19 11:20

TC-113-A216 S5

9122012-67 (Drinking Water)
Sample Date: 12/20/19

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	**66.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:39	VVD
Lead	**2.89**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:39	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-114-A216 S6

9122012-68 (Drinking Water)
Sample Date: 12/20/19

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	**47.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:41	VVD
Lead	**1.52**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:41	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-115-A201 S

9122012-69 (Drinking Water)
Sample Date: 12/20/19

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	**187**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:42	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:42	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-116-A201 RS

9122012-70 (Drinking Water)
Sample Date: 12/20/19

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	**145**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:44	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:44	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-117-HallW by A232

9122012-71 (Drinking Water)
Sample Date: 12/20/19

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	**26.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:45	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 19:45	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-118-HallW by A232

9122012-72 (Drinking Water)
Sample Date: 12/20/19

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	**24.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:41	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:41	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-119-C201 S

9122012-73 (Drinking Water)
Sample Date: 12/20/19

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	**301**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:42	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:42	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-120-C201 RS

9122012-74 (Drinking Water)
Sample Date: 12/20/19

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	**324**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:44	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:44	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-121-C204 S1

9122012-75 (Drinking Water)
Sample Date: 12/20/19

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	**363**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:45	VVD
Lead	**2.64**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:45	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-122-C204 S2

9122012-76 (Drinking Water)
Sample Date: 12/20/19

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	**467**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:47	VVD
Lead	**1.92**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:47	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-123-C207 S1

9122012-77 (Drinking Water)
Sample Date: 12/20/19

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	**86.8**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:49	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:49	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-124-C207 S2

9122012-78 (Drinking Water)
Sample Date: 12/20/19

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	**73.7**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:54	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:54	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-125-C210 S1

9122012-79 (Drinking Water)
Sample Date: 12/20/19

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	**94.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:55	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:55	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-126-C210 S2

9122012-80 (Drinking Water)
Sample Date: 12/20/19

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	12/23/19	12/24/19 15:57	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:57	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-127-C210 S3

9122012-81 (Drinking Water)
Sample Date: 12/20/19

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	**49.6**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:58	VVD
Lead	**5.06**		ug/L	1.00	1.00	1	12/23/19	12/24/19 15:58	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-128-C210 S4

9122012-82 (Drinking Water)
Sample Date: 12/20/19

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	**42.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:07	VVD
Lead	**1.45**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:07	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-129-C211 S1

9122012-83 (Drinking Water)
Sample Date: 12/20/19

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	**59.4**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:08	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:08	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-130-C211 S2

9122012-84 (Drinking Water)
Sample Date: 12/20/19

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	**50.2**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:13	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:13	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-131- C211 S3

9122012-85 (Drinking Water)
Sample Date: 12/20/19

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	**52.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:15	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:15	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-132-C211 S4

9122012-86 (Drinking Water)
Sample Date: 12/20/19

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	**158**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:17	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:17	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-133-C214 S1

9122012-87 (Drinking Water)
Sample Date: 12/20/19

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	**38.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:18	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:18	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-134-C214 S2

9122012-88 (Drinking Water)
Sample Date: 12/20/19

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	**42.6**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:20	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:20	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-135-C214 S3

9122012-89 (Drinking Water)
Sample Date: 12/20/19

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	**65.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:21	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:21	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-136-C214 S4

9122012-90 (Drinking Water)
Sample Date: 12/20/19

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	**79.2**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:23	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:23	VVD

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-137-C215 S

9122012-91 (Drinking Water)
Sample Date: 12/20/19

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	**199**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:25	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:25	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-138-C215 RS

9122012-92 (Drinking Water)
Sample Date: 12/20/19

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	**214**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:36	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:36	VVD



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

TC-139-Hall W by B229

9122012-93 (Drinking Water)
Sample Date: 12/20/19

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	**17.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:38	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:38	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:
12/27/19 11:20

TC-140-Hall J by B229

9122012-94 (Drinking Water)
Sample Date: 12/20/19

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	**15.1**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:39	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:39	VVD

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Will Brewington, President

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Baltimore MD 21227
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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

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 B912408 - 200.2-Digested Metals										
Blank (B912408-BLK1)					Prepared: 12/24/19 Analyzed: 12/26/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
LCS (B912408-BS1)					Prepared: 12/24/19 Analyzed: 12/26/19					
Copper	10.6		1.00	ug/L	10.0		106	80-120		
Lead	9.70		1.00	ug/L	10.0		97	80-120		
Duplicate (B912408-DUP1)		**Source: 9122012-15**			Prepared: 12/24/19 Analyzed: 12/26/19					
Copper	301		1.00	ug/L		307			2	20
Lead	8.29		1.00	ug/L		8.51			3	20
Matrix Spike (B912408-MS1)		**Source: 9122012-15**			Prepared: 12/24/19 Analyzed: 12/26/19					
Copper	304		1.00	ug/L	10.0	307	NR	80-120		
Lead	18.1		1.00	ug/L	10.0	8.51	96	80-120		
Batch B912409 - 200.8-No Digestion Metals										
Blank (B912409-BLK1)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK2)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK3)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						



Will Brewington, President

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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:
12/27/19 11:20

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 B912409 - 200.8-No Digestion Metals										
Blank (B912409-BLK4)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK5)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK6)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK7)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK8)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLK9)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912409-BLKA)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
LCS (B912409-BS1)					Prepared & Analyzed: 12/23/19					
Copper	9.71		1.00	ug/L	10.0		97	80-120		
Lead	9.08		1.00	ug/L	10.0		91	80-120		



Will Brewington, President

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1500 Caton Center Dr Suite G
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www.mdspectral.com
MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

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 B912409 - 200.8-No Digestion Metals										
LCS (B912409-BS2)					Prepared & Analyzed: 12/23/19					
Copper	9.73		1.00	ug/L	10.0		97	80-120		
Lead	9.16		1.00	ug/L	10.0		92	80-120		
LCS (B912409-BS3)					Prepared & Analyzed: 12/23/19					
Copper	9.73		1.00	ug/L	10.0		97	80-120		
Lead	9.19		1.00	ug/L	10.0		92	80-120		
LCS (B912409-BS4)					Prepared & Analyzed: 12/23/19					
Copper	9.73		1.00	ug/L	10.0		97	80-120		
Lead	9.21		1.00	ug/L	10.0		92	80-120		
LCS (B912409-BS5)					Prepared & Analyzed: 12/23/19					
Copper	9.82		1.00	ug/L	10.0		98	80-120		
Lead	9.22		1.00	ug/L	10.0		92	80-120		
LCS (B912409-BS6)					Prepared & Analyzed: 12/23/19					
Copper	9.85		1.00	ug/L	10.0		99	80-120		
Lead	9.26		1.00	ug/L	10.0		93	80-120		
LCS (B912409-BS7)					Prepared & Analyzed: 12/23/19					
Copper	9.75		1.00	ug/L	10.0		98	80-120		
Lead	9.20		1.00	ug/L	10.0		92	80-120		
LCS (B912409-BS8)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.07		1.00	ug/L	10.0		91	80-120		
Lead	9.15		1.00	ug/L	10.0		91	80-120		
LCS (B912409-BS9)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.41		1.00	ug/L	10.0		94	80-120		
Lead	9.29		1.00	ug/L	10.0		93	80-120		



Will Brewington, President

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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

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 B912409 - 200.8-No Digestion Metals										
LCS (B912409-BSA)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.55		1.00	ug/L	10.0		95	80-120		
Lead	9.27		1.00	ug/L	10.0		93	80-120		
Duplicate (B912409-DUP1)		**Source: 9122012-01**			Prepared & Analyzed: 12/23/19					
Copper	37.1		1.00	ug/L		37.3			0.4	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP2)		**Source: 9122012-11**			Prepared & Analyzed: 12/23/19					
Copper	72.4		1.00	ug/L		72.0			0.6	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP3)		**Source: 9122012-21**			Prepared & Analyzed: 12/23/19					
Copper	35.4		1.00	ug/L		35.7			0.9	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP4)		**Source: 9122012-31**			Prepared & Analyzed: 12/23/19					
Copper	165		1.00	ug/L		164			0.7	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP5)		**Source: 9122012-41**			Prepared & Analyzed: 12/23/19					
Copper	24.6		1.00	ug/L		24.5			0.6	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP6)		**Source: 9122012-51**			Prepared & Analyzed: 12/23/19					
Copper	192		1.00	ug/L		192			0.3	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP7)		**Source: 9122012-61**			Prepared & Analyzed: 12/23/19					
Copper	47.6		1.00	ug/L		47.5			0.2	20
Lead	ND		1.00	ug/L		ND				20



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

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 B912409 - 200.8-No Digestion Metals										
Duplicate (B912409-DUP8)		**Source: 9122012-71**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	25.8		1.00	ug/L		26.8			4	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912409-DUP9)		**Source: 9122012-81**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	49.7		1.00	ug/L		49.6			0.1	20
Lead	5.09		1.00	ug/L		5.06			0.5	20
Duplicate (B912409-DUPA)		**Source: 9122012-91**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	201		1.00	ug/L		199			0.8	20
Lead	ND		1.00	ug/L		ND				20
Matrix Spike (B912409-MS1)		**Source: 9122012-01**			Prepared & Analyzed: 12/23/19					
Copper	45.8		1.00	ug/L	10.0	37.3	85	80-120		
Lead	9.16		1.00	ug/L	10.0	ND	92	80-120		
Matrix Spike (B912409-MS2)		**Source: 9122012-11**			Prepared & Analyzed: 12/23/19					
Copper	80.3		1.00	ug/L	10.0	72.0	83	80-120		
Lead	9.13		1.00	ug/L	10.0	ND	91	80-120		
Matrix Spike (B912409-MS3)		**Source: 9122012-21**			Prepared & Analyzed: 12/23/19					
Copper	43.6	QM-4X	1.00	ug/L	10.0	35.7	79	80-120		
Lead	9.04		1.00	ug/L	10.0	ND	90	80-120		
Matrix Spike (B912409-MS4)		**Source: 9122012-31**			Prepared & Analyzed: 12/23/19					
Copper	172	QM-4X	1.00	ug/L	10.0	164	77	80-120		
Lead	9.28		1.00	ug/L	10.0	ND	93	80-120		
Matrix Spike (B912409-MS5)		**Source: 9122012-41**			Prepared & Analyzed: 12/23/19					
Copper	32.9		1.00	ug/L	10.0	24.5	84	80-120		
Lead	8.95		1.00	ug/L	10.0	ND	90	80-120		

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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:
12/27/19 11:20

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 B912409 - 200.8-No Digestion Metals										
Matrix Spike (B912409-MS6)		**Source: 9122012-51**			Prepared & Analyzed: 12/23/19					
Copper	197	QM-4X	1.00	ug/L	10.0	192	47	80-120		
Lead	9.35		1.00	ug/L	10.0	ND	93	80-120		
Matrix Spike (B912409-MS7)		**Source: 9122012-61**			Prepared & Analyzed: 12/23/19					
Copper	55.6		1.00	ug/L	10.0	47.5	81	80-120		
Lead	9.15		1.00	ug/L	10.0	ND	92	80-120		
Matrix Spike (B912409-MS8)		**Source: 9122012-71**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	33.8	QM-4X	1.00	ug/L	10.0	26.8	70	80-120		
Lead	9.27		1.00	ug/L	10.0	ND	93	80-120		
Matrix Spike (B912409-MS9)		**Source: 9122012-81**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	57.5	QM-4X	1.00	ug/L	10.0	49.6	78	80-120		
Lead	14.7		1.00	ug/L	10.0	5.06	96	80-120		
Matrix Spike (B912409-MSA)		**Source: 9122012-91**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	205	QM-4X	1.00	ug/L	10.0	199	59	80-120		
Lead	9.30		1.00	ug/L	10.0	ND	93	80-120		



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:20

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

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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@mdsspectral.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-48-CafeBubL	12/20	4:23	X			1			HNO_3	pH:	9122012-01
TC-49-CafeBubR			X			1			HNO_3	pH:	-02
TC-50-1295FS			X			1			HNO_3	pH:	-03
TC-51-B1275		4:28	X			1			HNO_3	pH:	-04
TC-52-B1275			X			1			HNO_3	pH:	-05
TC-53-B1275			X			1			HNO_3	pH:	-06
TC-54-B1275			X			1			HNO_3	pH:	-07
TC-55-B1275			X			1			HNO_3	pH:	-08
TC-56-HallBubL		4:31	X			1			HNO_3	pH:	-09
TC-57-HallBubR			X			1			HNO_3	pH:	-10

Relinquished by: (Signature) ACF	Date/Time 12/20/19 8:00	Received by: (Signature)	Relinquished by: (Signature)
(Printed) [redacted] AnnaFrancesa		(Printed)	(Printed)
Relinquished by: (Signature)	Date/Time 12/20/19 1320	Received by Lab: (Signature)	Date/Time
(Printed)		(Printed) Samantha Adner	Received by: (Signature) (Printed)

Delivery Method:
- [x] Courier
- [ ] Client
- [ ] UPS
- [ ] FedEx
- [ ] USPS
- [ ] Other: ____

Special Instructions/QC Requirements & Comments:

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

Lab Use:
Temp: 17 °C
- [x] Received on Ice
- [ ] Received same day
- [ ] Preservation Appropriate

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-58 - B110S	12/20	4:33	X			1			HNO_3	pH:	9122012-11
TC-59 - B110Bottle			X			1			HNO_3	pH:	-12
TC-60 - HallBottle		4:37	X			1			HNO_3	pH:	-13
TC-61 - HallBub			X			1			HNO_3	pH:	-14
TC-62 - B134S			X			1			HNO_3	pH:	-15
TC-63 - B134S			X			1			HNO_3	pH:	-16
TC-64 - 1315		4:41	X			1			HNO_3	pH:	-17
TC-65 - 1315			X			1			HNO_3	pH:	-18
TC-66 - 1315			X			1			HNO_3	pH:	-19
TC-67 - HallBubL	↓	4:45	X			1			HNO_3	pH:	-20

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) [redacted] Anna Francios	12/20/19 8:00	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)	Turn Around Time:	Lab Use:	
(Printed)	12/20/19 1320	(Printed) Samantha Johnson	☐ Normal (7 day) ☐ 5 day ☐ 4 day ☒ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 17 °C ☐ Received on Ice ☑ Received same day ☐ Preservation Appropriate	

Delivery Method:	Special Instructions/QC Requirements & Comments:	Sample Disposal:
☒ Courier ☐ Client ☐ UPS ☐ FedEx ☐ USPS ☐ Other: ____		☐ 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)	Coppers (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-68-HallBubM	12/20	4:45	X			1			HNO_3	pH:	9122012-21
TC-69-HallBubR	"		X			1			HNO_3	pH:	-22
TC-70-E1095			X			1			HNO_3	pH:	-23
TC-71-E1135		4:51	X			1			HNO_3	pH:	-24
TC-72-E1155			X			1			HNO_3	pH:	-25
TC-73-E115Bub			X			1			HNO_3	pH:	-26
TC-74-E1155			X			1			HNO_3	pH:	-27
TC-75-E1185			X			1			HNO_3	pH:	-28
TC-76-E1175			X			1			HNO_3	pH:	-29
TC-77-E117Bs	"	4:57	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) [redacted] Anna Francisco	12/20/19 8:00	(Printed)	(Printed)	(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)		
(Printed)	12/20/19 1320	(Printed) Samantha Adnan		

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

Lab Use:
Temp: 17 °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 Harnill
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-78-E116S R	12/20	4:58	X			1			HNO_3	pH:	9122012-31
TC-79-E116S L			X			1			HNO_3	pH:	-32
TC-80-E121AS		5:01	X			1			HNO_3	pH:	-33
TC-81-HallBubL		5:03	X			1			HNO_3	pH:	-34
TC-82-HallBubR			X			1			HNO_3	pH:	-35
TC-83-E111S			X			1			HNO_3	pH:	-36
TC-84-E122D		5:06	X			1			HNO_3	pH:	-37
TC-85-BOP E123BubL			X			1			HNO_3	pH:	-38
TC-86-E123BubR			X			1			HNO_3	pH:	-39
TC-87-E124BubL	↓	5:08	X			1			HNO_3	pH:	-40

Relinquished by: (Signature) [signature]	Date/Time 12/20/19 8:00	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) [redacted] Anna Francisco		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 12/20/19 1320	Received by Lab: (Signature) [signature]			
(Printed)		(Printed) Samantha Adan			

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

Lab Use:
Temp: 17 °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

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-88-E124BubR	12/1/19	5:11	X			1			HNO_3	pH:	9122012-41
TC-89-E125SL			X			1			HNO_3	pH:	-42
TC-90-E125SM			X			1			HNO_3	pH:	-43
TC-91-E125SR			X			1			HNO_3	pH:	-44
TC-92-E125 BubL			X			1			HNO_3	pH:	-45
TC-93-E125BubR			X			1			HNO_3	pH:	-46
TC-94-E125S			X			1			HNO_3	pH:	-47
TC-95-E125S			X			1			HNO_3	pH:	-48
TC-96-E130SL		5:15	X			1			HNO_3	pH:	-49
TC-145-E130SM			X			1			HNO_3	pH:	-50

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Anna Francica	12/20/19 8:02	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)	12/20/19 1320	(Printed) Samantha Ahan			

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

Lab Use:
Temp: 17 °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

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

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

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

Analysis Requested

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8W-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-97 - A224FS			X			1										HNO_3	pH:	9122012-51
TC-98 - A218 TDS			X			1										HNO_3	pH:	-52
TC-99 A218 S1			X			1										HNO_3	pH:	-53
TC-100 A218 S2			X			1										HNO_3	pH:	-54
TC-101 A218 S3			X			1										HNO_3	pH:	-55
TC-102 A218 S4			X			1										HNO_3	pH:	-56
~~TC-102 A218 S5~~			X			1										HNO_3	pH:	-57
TC-103 A218 S6			X			1										HNO_3	pH:	-58 -57
TC-104 A218 S5			X			1										HNO_3	pH:	-59 -58
TC-105 A218 LS			X			1										HNO_3	pH:	-60 -59

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
CGB	12/20/19				STA 12/20/19
(Printed) ~~[illegible]~~ Catey Bourne		(Printed)	(Printed)		(Printed)

Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)
	12/20/19 1320	[signature]
(Printed)		(Printed) Samantha Adrian

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

Lab Use:
Temp: 17 °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-106-Hall 6 by A217			X			1			HNO_3	pH:	9122012-61 -60
TC-107-Hall 2 by A217			X			1			HNO_3	pH:	-62 -61
TC-108-A216TDS			X			1			HNO_3	pH:	-63 -62
TC-109-A21651			X			1			HNO_3	pH:	-64 -63
TC-110-A21652			X			1			HNO_3	pH:	-65 -64
TC-111-A21653			X			1			HNO_3	pH:	-66 -65
TC-112-A21654			X			1			HNO_3	pH:	-67 -66
TC-113-A21655			X			1			HNO_3	pH:	-68 -67
TC-114-A21656			X			1			HNO_3	pH:	-69 -68
TC-115 A215			X			1			HNO_3	pH:	-70 -69

Analysis Requested

Relinquished by: (Signature) CGB	Date/Time 12/20/19	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature) STA 12/20/19
(Printed) Category Bourne		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 12/20/19 1320	Received by Lab: (Signature)	Turn Around Time:	Lab Use:
(Printed)		(Printed) Samantha Adran	☐ Normal (7 day) ☐ 5 day ☐ 4 day ☒ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 17 °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

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

Analysis Requested

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Lead (200.8DW-Pb)	Copper (200.8W-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-116 A201RS			X			1									HNO_3	pH:	9122012-~~71~~ 70
TC-117 Hallw by A232			X			1									HNO_3	pH:	~~-72~~ -71
TC-118 hallw by A232			X			1									HNO_3	pH:	~~-73~~ -72
TC-119 C201s			X			1									HNO_3	pH:	~~-74~~ -73
TC-120 C201RS			X			1									HNO_3	pH:	~~-75~~ -74
			~~X~~			~~1~~									HNO_3	pH:	STA 12/20/19
			~~X~~			~~1~~									HNO_3	pH:	
			~~X~~			~~1~~									HNO_3	pH:	
			~~X~~			~~1~~									HNO_3	pH:	
			~~X~~			~~1~~									HNO_3	pH:	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
CGB	12/20/19				
(Printed) ~~[illegible]~~ ~~12/2~~ Catey Boume		(Printed)	(Printed)		(Printed)

Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)	Turn Around Time:	Lab Use:
	12/20/19 1320	[signature]	☐ Normal (7 day)	Temp: 17 °C
(Printed)		(Printed) Samantha Adoan	☐ 5 day	☐ Received on Ice
			☐ 4 day	☑ Received same day
			☒ 3 day	☐ Preservation Appropriate
			☐ Rush (2 day)	
			☐ Next Day	
			☐ Other: _____	
			☐ Specific Due Date: _____	

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-121 - C20451			X			1			HNO_3	pH:	9122012-76 -75
TC-122 - C20452			X			1			HNO_3	pH:	-77 -76
TC-123 C20751			X			1			HNO_3	pH:	-78 -77
TC-124 C20752			X			1			HNO_3	pH:	-79 -78
TC-125-C21051			X			1			HNO_3	pH:	-80 -79
TC-126-C21052			X			1			HNO_3	pH:	-81 -80
TC-127-C21053			X			1			HNO_3	pH:	-82 -81
TC-128-C21054			X			1			HNO_3	pH:	-83 -82
TC-129 C21151			X			1			HNO_3	pH:	-84 -83
TC-130 C21152			X			1			HNO_3	pH:	-85 -84

Relinquished by: (Signature) CGB	Date/Time 12/20/19	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature) STA 12/20/19
(Printed) Cates Bovine		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 12/20/19 1320	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: 17 °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.
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Baltimore, MD 21227
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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-131 C211S3			X			1			HNO_3	pH:	9122012-86
TC-132 C211S4			X			1			HNO_3	pH:	-87
TC-133 - C214S1			X			1			HNO_3	pH:	-88
TC-134 - C214S2			X			1			HNO_3	pH:	-89
TC-135 - C214S3			X			1			HNO_3	pH:	-90
TC-136 - C214S4			X			1			HNO_3	pH:	-91
TC-137 C215S			X			1			HNO_3	pH:	-92
TC-138 C215RS			X			1			HNO_3	pH:	-93
TC-139 ~~B229~~ hall J by B229			X			1			HNO_3	pH:	-94
TC-140 hall J by B229			X			1			HNO_3	pH:	-95

-85 -86 -87 -88 -89 -90 -91 -92 -93 -94

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Cathy Bourne	12/20/19	(Printed)	(Printed)		(Printed) STA 12/20/19
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)	12/20/19 1320	(Printed) Samantha Adrian			

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

Lab Use:
Temp: 17 °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